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MONTHLY PROGRESS REPORTS (MMPR)

BASED ON AERONAUTICAL MONTHLY

SOURCE BOOK OF WORLD WAR II BASIC DATA

Prepared by
United States Air Force, Air Materiel Command,
Wright Field

AIRFRAME INDUSTRY

VOL. II - AREA, SHIFT, TIME CYCLE, & LABOR REQUIREMENTS

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SOURCE BOOK

OF WORLD WAR II BASIC DATA

AIRFRAME INDUSTRY

VOL. 2. AREA, SHIFT, TIME CYCLE, AND LABOR REQUIREMENTS

PREPARED BY

INDUSTRIAL MOBILIZATION PLANNING DIVISION
Air Materiel Command, United States Air Force
Wright Field — Dayton, Ohio

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TABLE 5

QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS

March 1940 – June 1945

Total Floor Area is defined as all covered area, both direct and indirect, owned, rented or leased by the facility and equipped and available for work related to the aircraft program.

Direct Floor Area is defined as all covered area equipped and available for direct manufacturing, such as fabrication, processing, sub-assembly and assembly.

Productive Floor Area which approximates direct plus indirect factory floor space, is shown for the period, March, 1941 through June 1941; Total and Productive Floor Area for the period, September, 1941 through September, 1942. Beginning with December, 1942, Total and Direct Area data are shown, with Direct broken down further into Aeronautical and Experimental. Any difference between "All Direct" and the sum of Aeronautical and Experimental Direct Area, consists of Non-Aeronautical Direct Area.

Area is shown in thousands of square feet. However, percentages of Productive or Direct to Total Area, are based on unrounded figures.

Source: Aeronautical Monthly Progress Reports (AMPR #2, March, 1940 to March, 1944; Quarterly Supplement, QR-1, June, 1944 to June, 1945).

For all periods, covered floor area only is shown. Some facilities also utilized Direct Yard Area, which is shown in this table following the data for covered floor area.

TABLE 5. QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS
MARCH 1940 — JUNE 1945

(Thousands of Square Feet)

FACILITY	1940 MAR.	1940 JUNE	1940 SEPT.	1940 DEC.	1941 MAR.	1941 JUNE	1941 SEPTEMBER Total	1941 SEPTEMBER Productive	1941 SEPTEMBER Productive % of Total	1941 DECEMBER Total	1941 DECEMBER Productive	1941 DECEMBER Productive % of Total
	Productive Floor Area				Productive							
Total All Facilities	6871 5	7740 9	8790 3	9673 0	15481 9	20023 2	26657 6	25659 6	78 6[1]	35387 7	28886 9	80.4[1]
Accessory, Middletown				——	42 3	42 3	NA	42 3	——	60 0	50 9	84.9
Bell, Wichita	27 0	173 0	176 0	173 3	284 9	150 0	522 1	458 9	87 9	645.3	590 6	91 5
Bell, Buffalo	186 0	320 0	320 0	398 3	444 0	913 7	993 4	908 3	91 4	1046.1	951 0	90.9
Bell, Marietta, Newcastle				—	74 5	73 5	91 2	74 5	81 7	89 3	81 8	91 6
Boeing, Seattle	604 6	564 8	664 8	997 9	1608 7	1608 7	2433 6	1510 2	62 1	2386 5	1822 3	76 4
Boeing, Wichita, Plant 1	126 0	126 0	126 0	205 6	290 0	290 0	290 0	252 5	87 1	296 8	259 3	87 4
Brewster, Long Island City	375 0	375 0	811 4	648 8	591 3	610 0	847.8	610 0	72.0	963.1	804 2	83 5
Cessna, Wichita	50 0	61 4	71 5	151 5	284 4	284 1	257 4	179 8	69.8	376 3	267 4	71 1
Chance-Vought-Sikorsky, Stfd.	265 0	265 0	310 0	310 0	310 0	340 0	NA	557 9	——	680.4	557 6	81.9
Consolidated-Vultee, Downey[2]					710 0	758 2	869.5	758.2	87 2	886.7	733.7	82.7
Consolidated-V., Nashville	—	—	—	—	179 7	614.3	790 4	614.3	77.7	812.7	724.7	89.2
Consolidated-V., San Diego	576 4	618 3	867 1	867 1	1634 0	2068 0	NR	2778.0	——	3200.0	2645.2	82.7
Consolidated-V., Wayne[3]	—	—	—	—	92 1	92.1	110 4	92.1	83.4	176.2	145 5	82.6
Culver, Wichita	—	—	—	—	47 0	50.0	73.0	65.0	89 0	78.0	70.0	89 7
Curtiss, Buffalo	555 0	555 0	555 0	555 0	574.0	866 0	2403.3	1792 1	74 6	2387 5	1745 3	73.1
Curtiss, Columbus	—	—	—	—	110 0	450 0	769.9	640 0	83 1	1243.6	916 0	73.7
Curtiss, St. Louis	—	84 0	126 1	126.1	163.0	143 0	644 3	359 9	55.9	1092.9	743 5	68.0
Douglas, El Segundo	221 0	215 1	215 1	250 0	310 0	325 1	404 9	327.7	80 9	433 6	323.6	74.6
Douglas, Long Beach	—	—	—	—	—	536 9	1372.4	1226.1	89.3	1375.8	1226 1	89.1
Douglas, Santa Monica	1103 7	1190 0	1190 0	1262 0	1370 4	1430 5	1699.0	1539 4	90.6	1743 1	1271 6	73.0
Douglas, Tulsa	—	—	—	—	—	—	—	—	—	6.5	NA	—

FACILITY	1940 MAR.	1940 JUNE	1940 SEPT.	1940 DEC.	1941 MAR.	1941 JUNE	1941 SEPTEMBER Total	1941 SEPTEMBER Productive	1941 SEPTEMBER Productive % of Total	1941 DECEMBER Total	1941 DECEMBER Productive	1941 DECEMBER Productive % of Total
	Productive Floor Area				Productive							
Fairchild, Hagerstown	66 0	76 0	97 1	97 1	115 2	115 2	271 2	238 5	87 0	271 2	238 5	87 0
Fleetwing, Bristol	—	—	—	—	90 0	110 0	NA	110 0	—	296 1	263 0	76 3
Ford, Willow Run	—	—	—	—	—	—	—	—	—	126 7	NR	
Goodyear, Akron	—	—	—	—	431 4	447 4	NA	465 9	——	NA	589 2	
Grumman, Bethpage	100 0	100 0	100 0	100 0	100 0	583 7	710 0	603 7	85 0	710 0	603 7	85 0
Howard, Chicago	—	—	—	—	34 0	34 0	NA	34 0	—	45 0	30 0	93 0
Kellett, Philadelphia	—	—	—	—	75 0	75 0	NA	76 3	——	110 7	91 9	83 0
Lockheed Facility	363 2	663 1	663 1	806 5	971 6	1734 2	3274 4	2034 7	62 1	3805 3	2863 9	77 8
Lockheed—"A" (Vega)	—	—	—	—	203 8	895 6	1311 9	917.7	70 0	1366 7	1067 1	78 1
Lockheed—"B"	363 2	663 1	663 1	806 5	767 8	838 6	1962 5	1117 0	56 9	2238 6	1736 8	77 6
Martin, Baltimore	1188 8	1188 8	1188 8	1188 8	1682 4	1709 2	3043 1	2749 8	90 4	4168 0	3282 6	78 8
Martin, Omaha	—	—	—	—	—	—	—	—	—	50 0	NA	
Naval Aircraft, Philadelphia	—	—	—	—	—	320 0	438 0	320 0	73 1	438 0	320 0	73 1
North American, Dallas	—	—	—	58 0	850 0[4]	850 0	1056 9	875 3	82 8	1056 9	942 8	89 2
North American, Inglewood	541.0	541.0	621 0	820 0	820 0	820 0	1057 0	820 0	77.6	1127 9	919 9	81 6
North American, Kansas City	—	—	—	—	—	—	1150 0	1000 0	87.0	1066 3	942 0	88 3
Northrop, Hawthorne	—	187.8	206 0	203 6	494 0	494 0	NA	490 0	——	532 7	455 9	85 6
Piper, Lockhaven	—	—	—	—	152 0	152 0	NA	152 0	——	179 3	167 0	93 1
Republic, Farmingdale	149.4	149.4	149 4	149 4	182 3	182 3	533 0	482 3	90.5	777 3	637 1	82 0
Ryan, San Diego	87 5	91 3	131 4	125 5	128 5	214 3	244 0	214 3	87 8	244 0	214 3	87 8
St. Louis Aircraft, St. Louis	—	—	—	—	15 0	15 0	15 0	11 0	73 3	15 0	11 0	73 3
Spartan Aircraft, Tulsa	38.5	38 5	38 5	79 5	79 5	79 5	110 0	81 9	74.5	110 0	81 9	74 5
Taylorcraft, Alliance	—	—	—	—	41 7	41 7	72 0	41 7	57 9	72 0	41 7	57 9
Waco, Troy, N.Y.	97.4	97 4	99 0	99 0	99.0	99.0	107.1	71 0	66 3	134 0	120 2	89 7

TABLE 5. QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS
MARCH 1940 — JUNE 1945 (CONT'D.)

(Thousands of Square Feet)

FACILITY	1942 MARCH Total	All Direct	Direct % of Total	Aero Direct	Exp. Direct	1942 JUNE Total	All Direct	Direct % of Total	Aero Direct	Exp. Direct	1942 SEPTEMBER Total	All Direct	Direct % of Total	Aero Direct	Exp. Direct	1942 DECEMBER Total	All Direct	Direct % of Total	Aero Direct	Exp. Direct
Total All Facilities	4[illegible]	3624 3	76 7	[illegible]	[illegible]	63879 2	46245 4	75 3[illegible]	71892 5	38225 3	55 5[illegible]	——	——	85249 5	39020 5	45 8[illegible]	——	——	95216 1	39944 3	42 0[illegible]	——	——	102,694 3	41975 0	40 9[illegible]	—	—	[illegible]	41638 4	39 0[illegible]	—	—
Aeronca, Middletown	[illegible]	50 9	84 2	[illegible]		72 7	50 3	161 0	139 4	86 6	213 0	136 3	64 0	133 5	2 8	213 0	136 3	64 0	133 5	2 8	213 0	103 5	48 6	100 5	3 0	216 4	106 9	49 4	102 5	4 4	[illegible]	106 9	49 4	102 5	4 4
Beech, Wichita	474 0	300 [illegible]	63 2	[illegible]		428 5	69 3	961.0	635 7	66 2	1036 5	609 7	58 8	593 7	16.0	1052 5	625 7	59.4	609 7	16 0	1089 5	510 6	46 9	488 3	22 2	1139 5	498 6	43 [illegible]	458 4	40 2	1162 7	501 1	43 1	461 6	40 [illegible]
Bell, Buffalo	1073 1	943 7	87 [illegible]	562 3		940 1	60 2	2563 9	1749 5	68 2	NA	NA	NA	NA	NA	3035.3	887 9	29 3	789.5	98.4	3112 0	1007.3	32.4	814 6	192 7	3377 2	874 5	25 9	799 3	75 2	3773 5	867 1	23 0	788 3	78 5
Bell, Marietta																					3023 3	773 2	25 6	773 2	0 0	3688 2	1300 5	35 3	1300 5	0 0	3924 9	1429 1	36 4	1429 [illegible]	0 0
Bell, Niagara																					128 7	59.4	46 2	59 4	0 0	128 7	59 4	46 2	59 4	0 0	278 7	130 8	46 9	130 8	
Bell, Niagara, Newcastle	NA	NA	NA	[illegible]		76 1	85 2	116 2	91 1	78 3	191 3	142 6	74 6	142 6	0 0	102 0	71 8	70 4	71 8	0 0												
Boeing, Seattle, Inc. Rentons	2386 5	1822 3	76 4	2386 5	1822 3	76 4	4968 0	3509 0	66 6	4997 4	2227 8	44 6	2177 7	50 1	5102 9	2169 4	42 5	2119.3	50.1	5059 4	2244.1	44 4	2135.5	108 6	5053 5	2253.9	44 6	2157 0	96 9	5497 7	2416 0	43 9	2254 7	[illegible] 3
Seattle	2386 5	1822 3	76 4	2386 5	1822 3	76 4	4968 0	3309 0	66 6	3289 2	1205 6	36 7	1155 5	50.1	3416 3	1193 6	34 9	1143 5	50 1	3372 8	1209 8	35 9	1159 7	50 1	3365 3	1233.8	36 7	1183 7	50 1	3788 1	1415 0	37 4	1303 2	111 8
Renton	——	——	——			——	——	——	——	——	1708 2	1022 2	59 8	1022 2	0 0	1686.6[illegible]	973 8	57 9	975.8	0 0	1686 6	1034 3	61 3	975 8	58 5	1688 2	1020 1	60 4	973 3	46 8	1709 6	1001 0	58 6	951 5	49 5
Boeing, Wichita (Plants 1 & 2)	1092 9	705 9	64 6	[illegible]	5629 8	84 1	2278.6	1891 2	83 0	2839 4	1376.4	48 5	1372.0	4.4	2730.4	1269 4	46.5	1269.4	0	2753.9	1282.8	46.6	1282 8	0	2768.0	1282.8	46 3	1282 8	0	2789 2[illegible]	1282 8	46 0	1282 8	0
Plant No. 1	343 8	259 3	75 4	347 2	259 3	74 7	386 3	259 3	67 1	396 3	259 3	65 4	254.9	4.4	287 3	152 3	53.0	152 3	0	305 2	165.7	54 3	165.7	0	305 2	165 7	54 3	165 7	0	— —	— —	— —	— —	— —
Plant No. 2	749 1	446 6	59 6	[illegible]	[illegible]	86 2	1892 3	1631 9	86 2	2443 1	1117 1	45 7	1117.1	0	2443 1	1117.1	45 7	1117.1	0	2448 7	1117 1	45 6	1117.1	0	2462 8	1117.1	45 4	1117 1	0	— —	— —	— —	— —	— —
Brewster, L.I.C. Facility	1384 3	1114 5	80 5	[illegible]	1166 5	80 5	1563 5	1281 5	82 0	1740 3	1231 8	70 8	1215 2	16.6	2032 5	1231.8	60 6	1215 2	16 6	1988.6	845.4	42 5	790.9	54 5	1988 6	845 4	42 5	790 9	54 5	2083 8	880 9	42 7	835 4	54 5
Johnsville	——	——	——	—	——	——	——	——	——	846 8	653 0	77.1	636.4	16.6	1063.3	653.0	61.4	636.4	16.6	1010 2	379.4	37 6	324 9	54.5	1010.2	379 4	37 6	324 9	54 5	1010 2	423.9	42 0	369 7	54 5
Long Island City	1384 3	1114 5	80 5	[illegible]	1166 5	80 5	1563 5	1281 5	82 0	893.5	578 8	64.8	578 8	0 0	969 2	578 8	59.7	578.8	0.0	978 4	466.0	47 6	466.0	0 0	978 4	466 0	47 6	466.0	0 0	1073 6	466.0	43 4	466 0	0 0
Budd, (Hunting Pk. and Budd-fields, including Ordnance)	——	——	——		——	——	——	——	——	1383.0	680.0	49.2	254.0	0 0	NA	NA	40.8	461.1	NA	2300.1	1086.8	47.2	679 5	0.0	2579.2	1244.3	48.2	801.1	0 0	2885 0	1353 6	46.9	910 5	0 0
Budd, Philadelphia	——	——	——		——	——	——	——	——	516 3	254 0	49.2	254.0	0.0	1130.3	461.1	40.8	461.1	NA	1439.5	679.5	47.2	679.5	0 0	1662.0	801 1	48 2	801 1	0 0	1941 3	910.5	46.9	910 5	0 0
Cessna, Wichita	406 9	285 2	70 1	[illegible]	286 0	59 4	558.4[illegible]	286 0	51 2	702 1[illegible]	240 0	34.2	240.0	0.0	704.5	242.3	34.4	242.3	0.0	717.1	241.4	33.7	241.4	0 0	904 8	240.8	26 6	240.8	0 0	870 5	240.8	27 7	240 8	0 0
Chance-Vought-Sikorsky, Std	687 3	564 4	82 1	[illegible]	564 4	82 1	687 3	564 4	82 1	1209 8	542 9	44 9	499 8	43 1	1381.9	673.9	48 8	620.3	53.7	1532.8[illegible]	704 4	46 0	651 2	53 7	1589 9[illegible]	703.2	44.2	650 0	53 2	1633 9	542 1	33 2	489 0	53 2
Columbia, Valley Stream	——	——	——	—	—	—	——	——	——	——	——	——	——	——	——	——	——	——	——	133.9[illegible]	67 6	50.5	67 6	0 0	133 9	67 6	50 5	67 6	0 0	172 9	87 3	50 5	87 3	0 0
Consolidated-V., Allentown	— —	——	——	—	—	—	——	——	——	——	——	——	——	——	——	——	——	——	——	77 3	26.8	34.7	26.8	0 0	358 0	56 8	15 9	56.8	0.0	462 4	76 0	16 4	76 0	0 0
Consolidated-V., Downey[illegible]	927 5	733 7	79 1	[illegible]	812 2	82.1	1069 0	784.0	73 3	1069 0	555 3	51 9	530 4	24 9	1078.0	574.5	53.3	539.0	35.5	1078.0	574.5	53.3	539.0	35 5	1111 5	548 5	49 3	518.5	30 0	1111 5	548.5	49 3	518 5	30 0
—Vultee Field Div	927 5	733 7	79 1	[illegible]	812 2	82 1	1069.0	784 0	73 3	1069 0	555.3	51.9	530 4	24.9	970.4	539 0	55 5	539.0	0.0	970.4	539.0	55.5	539.0	0 0	1053 1	518 5	49 2	518 5	0 0	1053.1	518.5	49 2	518 5	0 0
—Eng. Development Div	— —	——	——	— —		—	——	——	——	——	——	——	——	——	107.6	35.5	33.0	0.0	35.5	107.6	35.5	33.0[illegible]	0.0	35.5	58 4	30.0	51 3	0.0	30 0	58 4	30 0	51 3	0 0	30 0
Consolidated-V., Ft. Worth	803 0	748 0	93 [illegible]	1908 0	1696 0	88.9	1968 0	1756 0	89 2	2329 3	2117 4[illegible]	90 9	——	——	3085.1	1546 6	50.1	1426.6	120.0	3139.1	1546.6	49.3	1426.6	120 0	3458 5	1475.4	42.7	1430 4	45 0	3472 5	1337.4[illegible]	38.5	1292 4	45 0
Consolidated-V., Nashville	812 7	724 7	89 2	812 7	724 7	89 2	812.7	724 7	89 2	884 2	316 7	35 8	313.2	3.2	1067 5	316 7	29 7	313.5	3 2	1067.5	316.7	29 7	313.5	3.2	1071 2	386 2	36 1	375 2	11 0	958.9[illegible]	362.4[illegible]	37 8	351 4	11 0
Consolidated-V., New Orleans	——	——	——	— —	——	——	——	——	——	——	——	——	——	——	239 0	31 0	13 0	31 0	0.0	239.0	31.0	13 0	31 0	0 0	306 0	49 0	16 0	49 0	0 0	470 0	105 0	22 3	105 0	0 0
Consolidated-V., San Diego	3235 3	2944 0	91 0	[illegible]	3089 5	91 2	3433 6	3110 2	90 6	3480 0	3154 0[illegible]	90 6	2965 4	188 7	3951 5	2417.9[illegible]	61.2	2309 3	108 6	4086 6	2308.4	56 5	2199 8	108 6	4220 9	2357 9	55 9	2251 7	106 2	4353 6	2220 0	51.0	2116 2	103 8
Consolidated-V., Wayne	182 2	151 5	83 [illegible]	[illegible]	143 6	73 0	214 7	165 3	77 0	214 8	96 4	44 9	96 0	0 4	292 4	115.1	39 4	114 7	0.4	286.4	122 5	42 8	122 1	0 4	286 4	122 5	42 8	122 1	0 4	309 9	133 5	43 1	130 7	2 8
Culver, Wichita	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	112 1	84 4	75 3	81 4	3 [illegible]
Curtiss, Buffalo	2413 6	1762 2	73 0	[illegible]	1748 6	71 7	2574 8	1748 6	67 9	3078 9	1370 8	44 5	1294	76.5	3638 0	1720 8	47 3	1644 3	76 5	3970.1	1503 7	37.9	1460 0	43 7	4192 1	1480 9	35 3	1437 2	43 7	4462 0	1478 2	33 1	1445 2	33 0
Curtiss, Columbus	1282 1	954 5	74 4	[illegible]	954 5	74 4	1282 1	954 5	74 4	1628 6	1235 4[illegible]	75 9	— —	— —	2097 1	800 5	38 2	773 7	26 8	2131 9	830 0	38 9	797 9	32 2	2305 4	844 5	36 6	708 9	45.6	2389 9	852 3	32 9	805 5	46 8
Curtiss, Louisville	— —	— —	— —	— —	— —	— —	— —	— —	— —	384 5	269 5	70 1	269 5	0 0	781 2	312 3	40 0	312 3	0 0	881 0	329 4	37 4	329 4	0 0	1044 0[illegible]	401 6	38 5	401 6	0 0	1069 8[illegible]	369 0	36 5	369 0	0 0
Curtiss, St. Louis	1247 1	897 7	72 0	[illegible]	897 7	72 0	1247 1	897 7	72 0	1716 3	851 3	49 6	826 3	25 0	1825 1	818 6	44 9	790 4	28 2	1953 8	732 9	37 5	688 8	44 1	2098 5	732.9	36 5	688 8	44 1	2120 5	761 5	35 9	719 6	41 9
Douglas, Chicago	—	—	—	[illegible]	[illegible]	0	0	40 0	0	0	153 0	15 0	9 8	15 0	0 0	1757 6	604 2	34 4	604 2	0 0	2204 0	527 2	23 9	527 2	0 0	1947 1	681 8	35 0	681 8	0 0	2204 0	1027 3	46 6	1027 3	0 0
Douglas, El Segundo	442 1	328 6	74 3	[illegible]	311 9	69 9	693 7	541 6	78 1	956 7	571 2	59 7	562 1	9 1	1158 3	491 7	42 5	468 4	23 3	1265 4	514 6	40 7	491 5	23 0	1383 0	519 5	37 6	484 5	35 0	1379 4	532 0	38 6	481 5	50 6
Douglas, Long Beach	793 [illegible]	3406 9	78 4	[illegible]	2321 5	77 2	3021 4	2363 7	78 2	2546 2	1232 8	43 3	1232 8	0 0	2839 7	1325 2	46 7	1325 2	0 0	2957 5	1411 9	47 7	1411 9	0 0	2993 9	1431 6	47 8	1431 6	0 0	3052 8	1479 5	45 2	1379 7	0 0
Douglas, Santa Monica	1822 8	1280 8	70 3	[illegible]	1296 9	68 4	2284 7	1652 1	72 3	2697 1	973 5	36 1	922 4	51 1	2787 8	1031 5	37 0	NA	NA	3455 5	1105 9	33 0	1016 7	87 1	3330 2	1074 2	32 3	993 4	80 8					
Douglas, Oklahoma City	2 3	0 0	0 0	[illegible]	0 0	0 0	— —	— —	— —	1107 7	448 8	40 5	448 8	0 0	1909 6	602 6	33.3	602 6	0 0	2131 1	734 8	34 5	734 8	0 0	2274 0	856 8	37 7	856 8	0 0	2332 4	975 3	41 8	975 3	0 0
Douglas, Tulsa	1[illegible] 9	[illegible] 0	92 [illegible]	[illegible]	1540 4	92 2	1930 3	1754 9	90 9	1930 3	1754 9	90 9	1754 9	0 0	1850 6	928 2	50 2	928 2	0 0	1962 2	776 3	39 6	776 3	0 0	2042 2	519 3[illegible]	25 4	519 3	0 0	2014 0	666 9	33 1	666 9	0 0
Eastern, Linden	30 1	26 0	28 9	[illegible]	150 9	36 1	1225 5	821 9	67 1	1279 0	572 1	44 7	572 1	0 0	1311 9	557 0	42 5	557 0	0 0	1316 6	555 2	42 2	555 2	0 0	1342 0	590 2	44 0	567 1	23 1	1379 3	613 3	44 5	569 0	44 3
Eastern, Trenton	[illegible] 8	99 2	37 8	[illegible]	[illegible]	65 7	1424 2	1137 [illegible]	79 9	[illegible]	782 7	46 5	782 7	0 0	1828 2	832 0	45 5	832 0	0 0	2262 3	1001 9	44 3	1001 9	0 0	2611 5	1035 3	39 6	1035 3	0 0	2722 1	1105 1	40 6	1089 3	15 7
Fairchild, Burlington	—	—	—	—	—	—	—	10 1	6 4	63 3	[illegible] 4 1	122 3	74 6	[illegible] 3	0 0	235 7	109 2	46 3	109 2	0 0	288 7	117 2	40 6	117 2	0 0	386 2	129 5	33 [illegible]	129 5	0 0	427 5	177 7	41.6	177 7	0
Fairchild, Hagerstown	2[illegible] 7	[illegible] 8	[illegible]	[illegible]	[illegible] 7	58 7	637 4	525 9	82 5	767 5	414 1	53 [illegible]	[illegible] 4	27 7	733 3	402 3	54 9	374 5	27 7	713 5	402 3	56 4	367 9	34 4	874 4	412 1	47 1	361 1	50 9	871 7	421 7	48 4	370 7	50 [illegible]
Fisher, Cleveland	— —	—													1094 0[illegible]	139 3	12 7	139 3	0 0	1905 3	510 9	26 8	510 9	0 0	2474 6	[illegible]090 4	44 1	1057	32 9	[illegible]151 [illegible]	[illegible]090 1	27 8	483 [illegible]	[illegible]
Fleetwings, Bristol	[illegible] 8	[illegible] 9	71 0	[illegible] 7	[illegible] 4	71 9	479 5	[illegible] 1	[illegible] 8	4[illegible] 2	296 8	72 1	227 3	9 5	474 2	236 8	52 1	227 3	9 5	542 5	266 9	49 [illegible]	250 6	16 3[illegible]	42 [illegible]	266 9	49 [illegible]	250 6	16 3[illegible]					
Ford, Willow Run	[illegible] 7	[illegible] 1	[illegible]	[illegible] 1	[illegible] [illegible]	[illegible] 3	[illegible] 6	[illegible] 8	[illegible] 7	[illegible] 0	[illegible] 4	[illegible] 6	[illegible] 3	[illegible] 7	[illegible] 0	[illegible] 6	[illegible] 1	[illegible] 4	[illegible] 7	[illegible] 0	[illegible] 6	[illegible] 1	[illegible] 4	[illegible] 7	[illegible] 0	[illegible] 6	[illegible] 1	[illegible] 4	[illegible] 7	[illegible] 0	[illegible] 6	[illegible] 1	[illegible] 4	[illegible] 7
Glenn L. Martin	1135 0[illegible]	NR	NR	[illegible]	NR	NR	2469 2[illegible]	NR	NR	2905 0[illegible]	NR	NR			4294 3	1600 2	48 [illegible]	1600 2	0 0	3438 5	1663 6	48 [illegible]	1663 6	0 0	[illegible]	1670 8	47 6	1670 8	0 0	3634	1702 4	47 [illegible]	1702 4	
Goodyear, Akron	948 3	702 7	[illegible]	[illegible]	529 0	74 1	1313 3	[illegible]	[illegible]	2131 6	1336 7	62 7	NR	NR	3181 5	1336 7	41 3	1305.6	31 0	2584 8	1205 5	46 6	1237 5	28 0	2798 8	1179 9	42 4	1151 9	28 0	2784 [illegible]	1094 8	39 2	349 4	[illegible]
Grumman, Bethpage																																	
Higgins, New Orleans	[illegible]																								[illegible] 1	296 9	[illegible] 9	296 0	0 0	1036 [illegible]	179 9	7 4	179 9	[illegible]
Howard, Chicago	43 0	40 0	93 0	[illegible]	40 6	94 0	82 8	74 0	89 4	30 9	53 7	55 4	53 7	0 0	147 4	68 0	46 1	68 0	0 0	163 4	68 0	41 6	68 0	0 0	163 4	68 0	41 6	68 0	0 0	NR	NR	NR	NR	NR

TABLE 5. QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS
MARCH 1940 — JUNE 1945 (CONT'D.)

(Thousands of Square Feet)

FACILITY	1942 MARCH Total	MARCH Productive	MARCH Prod. % of Total	JUNE Total	JUNE Productive	JUNE Prod. % of Total	SEPTEMBER Total	SEPTEMBER Productive	SEPTEMBER Prod. % of Total	DECEMBER Total	DECEMBER All Direct	DECEMBER Direct % of Total	DECEMBER Aero. Direct	DECEMBER Exp. Direct
Interstate, El Segundo	——	——	——	——	——	——	125.8	105.7	84.0	125.8	105 7	84.0	31.3	74 4
Kellett, Philadelphia	108 2	93 0	85 9	108 2	93 0	85 9	123 0	105.8	86.0	118.4	69 9	59.0	60 5	9.3
Lockheed Facility, Burbank	4424 9	3329 8	75 2	4713 2	3515 9	74.6	4958.0	3648.0	73.6	5136.7	2163.1	42.1	1998.9	164.1
Plant "A" (Vega)	1602 2	1103 8	68 9	1845 8	1294 7	70.1	2000.2	1438.4	71.9	2093.1	906.3	43.3	865.5	40.8
Plant "B"	2822 7	2226 0	78 9	2867 4	2221 2	77.5	2957 8	2209.6	74 7	3043 6	1256 8	41 3	1133.4	123.3
Martin, Baltimore	4316.7	3302 5	76.5	4610 6	3487.2	75.6	4663 0	3488.2	74.8	4732.9	2462.0	52.0	2350.5	111.5
Martin, Omaha	1145 1	913 4	79 8	517.7[26]	270 8[26]	52.3	1038.0	735.7	70.9	1498.4	540.2	36.1	540.2	0.0
McDonnell, Memphis	——	——	——	——	——	——	——	——	——	75.3[27]	——	——	——	——
Naval Aircraft, Philadelphia	438 0	320 0	73.1	447 0	320 0	71 6	447 0	320.0	71.6	447.0	320.0	71.6	——	——
North American, Dallas (A & B)	1056 9	942 8	89.2	1056 9	942 8	89 2	1056.9	942.8	89.2	1820.1	1559.6	85.7	NA	NA
Plant "A"	1056 9	942 8	89 2	1056 9	942 8	89 2	1056 9	942 8	89 2	1063 1	884 2	83 2	NA	NA
Plant "B"	——	——	——	——	——	——	——	——	——	757.0	675 4	89.2	NA	NA
North American, Inglewood	1231 6	945.1	76 7	1332.1	1046 0	78.5	1399.7	1076.9	76.9	1623 9	769.1	47.4	715.6	53.5
North American, Kansas City	1066.3	942 0	88 3	1066 3	942 0	88 3	1031.0	919.0	89.1	1136.8	536.9	47.2	536.9	0.0
Northrop, Hawthorne	671.3	469 0	69 9	747 1	542 8	72.7	770.0	543.0	70.5	725.8	360.1	49.6	340.8	19.4
Piper, Lockhaven	179 3	167 0	93.1	203.3	191.0	93.9	222.3	210.0	94.5	242.2	151.5	62.6	100.6	3.6
Republic, Evansville	——	——	——	61.7	9.6	15.5	301.0	263.5	87.5	662.6	476.0[15]	71.8	476.0	0.0
Republic, Farmingdale	779 3	639.0	82.0	860 6	711.7	82.7	868.2	715.2	82.4	1042.0	448.0	43.0	437.4	10.6
Ryan, San Diego	244 0	214 3	87.8	250 8	221 1	88.1	265.3	221.1	83.3	290.9	161.9	55.6	146.3	15.5
St Louis Aircraft, St. Louis	15.0	11 0	73 3	15.0	11 0	73.3	15.0	11.0	73.3	76.9	70.9[15]	92.2	70.9	0.0
Sikorsky, Bridgeport	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Spartan Aircraft, Tulsa	110 0	81 9	74.5	112.0	81.9	73.2	——	——	——	——	——	——	——	——
Taylorcraft, Alliance	72.0	41.7	57.9	72.0	41.7	57.9	72.0	41.7	57.9	72.0	44.3[32]	61.5	41.7	2.6
Timm-Saticox-Van Nuys	——	——	——	NA	69.3	——	248.3	175.6	70.7	310.3	189.1	61.0	——	——
Waco, Troy, N.Y.	134.0	120 2	89.7	134.0	120.2	89.7	134.0	120.2	89.7	134.0	120.2[13]	89.7	107.4	12.8[29]

FACILITY	1943 MARCH Total	MARCH All Direct	MARCH Direct % of Total	MARCH Aero. Direct	MARCH Exp. Direct	JUNE Total	JUNE All Direct	JUNE Direct % of Total	JUNE Aero. Direct	JUNE Exp. Direct	SEPTEMBER Total	SEPTEMBER All Direct	SEPTEMBER Direct % of Total	SEPTEMBER Aero. Direct	SEPTEMBER Exp. Direct	DECEMBER Total	DECEMBER All Direct	DECEMBER Direct % of Total	DECEMBER Aero. Direct	DECEMBER Exp. Direct
Interstate, El Segundo	61.9	44.3	71.6	44.3	0.0	61.9	44.3	71 6	44.3	0.0	9.5	8.0	84 2	8 0	0 0[25]	——	——	——	——	——
Kellett, Philadelphia	136.6	90.5	66.2	79.4	11.1	164.7	107.5	65.2	96.4	11.1	167.3	107 5	64 2	96 4	11 1	174.3	107.5	61.6	96 4	11 1
Lockheed Facility, Burbank	5882.0	2273.9	38.7	2111.9	161.9	6209.7	2318.3	37.3	2149.1	169.3	6814.4	2454.6	36 0	2291 7	163 0	7139.3	2565.8	35 9	2422 0	143 9
Plant "A" (Vega)	2595.0	981.6	37.8	940.7	40.8	2730.5	1000.6	36.6	952.9	47.7	2911.1	1034.5	35 5	986 9	47 7	3047.6	1053.0	34 6	1005 4	47 7
Plant "B"	3287.0	1292.3	39.3	1171.2	121.1	3479.2	1317.7	37.9	1196.2	121.6	3903.3	1420.1	36 4	1304 8	115.3	4091.7	1512.8	37 0	1416 6	96 2
Martin, Baltimore	4965.1	2269.7	45.7	2238.1	31.7	5041.4	1731.7	34.4	1713.0	18.7	5132.8	1681 5	32.8	1648 0	33.5	5134.0	1659.9	32.3	1626 5	33 5
Martin, Omaha	1640.0	548.2	33.4	548.2	0.0	1664.1	503.3	30.2	503.3	0.0	1664.1	700.1	42 1	700 1	0.0	1667.7	533.9	32.0	533 9	0 0
McDonnell, Memphis	69.8[27]	NA	——	——	——	83.9	.6	0.7	.6	0.0	111.4	6.0	5 4	6 0	0 0	111.4	31.0	27.8	31 0	0 0
Naval Aircraft, Philadelphia	560.0	400.0	71.4	385.0	15.0	711.6	508.3	71.4	508.3	0.0	924.3	578.7	62.6	578 7	0.0	924.3	578.7	62.6	578 7	0 0
North American, Dallas (A & B)	2826.5	1518.5	53.7	1518.5	0.0	2903.2	1518.3	52.3	1518.3	0.0	2904.4	1320.3	45 5	1320.3	0.0	3021.9	1394.0	46.1	1380 0	5 0
Plant "A"	1069.1	624.8	58 6	624.8	0.0	1143.4	614.0	53.7	614.0	0.0	1144.2	542 8	47 4	542 8	0 0	1319.1	619.0	46.9	619 0	0 0
Plant "B"	1759.4	893.7	50.8	893.7	0.0	1759.8	904.3	51.4	904.3	0.0	1760.2	777 5	44 2	777 5	0 0	1702.8	775.0	45 5	770 0	5 0
North American, Inglewood	1774.3	801.1	45.2	750.1	51.0	2013.0	821.4	40.8	784.0	37.4	2040.3	827.9	40.6	793.8	34 1	2155.4	844.4	39.2	810 3	34.1
North American, Kansas City	1136.8	536.9	47.2	536.9	0.0	2116.1	801.3	37.9	801.3	0.0	2151.1	801.3	37 2	801 3	0.0	2269.3	648.2	28.6	648 2	0.0
Northrop, Hawthorne	727.3	361.2	49.7	341.9	19.4	833.0	426.0	51.1	407.0	19.0	1266.0	530.8	41.9	382.8	148.0	1238.0	479.0	38.7	384.0	95.0
Piper, Lockhaven	242.2	151.5	62.6	80.6	3.6	200.1	106.2	53.1	54.4	3.0	214.5	113.4	52.9	60 9	3.0	214.5	113.4	52 9	60 9	3.0
Republic, Evansville	675.1	476.0[15]	70.5	NA	NA	705.1	373.4	53.0	373.4	0.0	770.2	338.0	43.9	338.0	0.0	910.2	341.0	37.5	341 0	0.0
Republic, Farmingdale	1068.8	465.7	43.6	440.1	25.6	1211.9	541.3	44.7	516.3	25.0	1435.8	495.3	34.5	446 7	48.6	1534.7	476.3	31.0	444.6	31 7
Ryan, San Diego	306.9	161.9	52.7	146.3	15.5	309.1	164.1	53.1	148.6	15.5	431.7	277.6	64.3	262 6	15 0	433.9	330.3	76.1	315 3	15 0
St Louis Aircraft, St. Louis	167.3	137.6	82.3[18]	137.6	0.0	167.3	137.6	82.3	137.6	0.0	167.3	137.6	82.3	137.6	0.0	167.3	137.6	82 3	137.6	0.0
Sikorsky, Bridgeport	——	——	——	——	——	116.9	44.8	38.3	0.0	44.8	116.9	44.8	38.3	17.5	27.3	212.7	77.3	36.3	45.7	31 6
Spartan Aircraft, Tulsa	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Taylorcraft, Alliance	72.0	44.3[32]	61.5	41.7	2.6	72.0	44.3[32]	61.5	41.7	2.6	72.0	44.3[32]	61.5	41.7	2.6	72.0	44.3[32]	61.5	41.7	2.6
Timm-Saticox-Van Nuys	100.3	54.0	53.9	54.0	0.0	122.6	52.8	43.0	52.8	0.0	122.6	53.0	43.3	53.0	0.0	——	——	——	——	——
Waco, Troy, N.Y.																				

TABLE 5. QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS, MARCH 1940 — JUNE 1945 (CONT'D.)

(Thousands of Square Feet)

FACILITY	1944 MARCH TOTAL	1944 MARCH ALL DIRECT	1944 MARCH DIRECT % OF TOTAL	1944 MARCH AERO DIRECT	1944 MARCH EXP. DIRECT	1944 JUNE TOTAL	1944 JUNE ALL DIRECT	1944 JUNE DIRECT % OF TOTAL	1944 JUNE AERO. DIRECT	1944 JUNE EXP. DIRECT	1944 SEPTEMBER TOTAL	1944 SEPTEMBER ALL DIRECT	1944 SEPTEMBER DIRECT % OF TOTAL	1944 SEPTEMBER AERO. DIRECT	1944 SEPTEMBER EXP. DIRECT	1944 DECEMBER TOTAL	1944 DECEMBER ALL DIRECT	1944 DECEMBER DIRECT % OF TOTAL	1944 DECEMBER AERO. DIRECT	1944 DECEMBER EXP. DIRECT	1945 MARCH TOTAL	1945 MARCH ALL DIRECT	1945 MARCH DIRECT % OF TOTAL	1945 MARCH AERO. DIRECT	1945 MARCH EXP. DIRECT	1945 JUNE TOTAL	1945 JUNE ALL DIRECT	1945 JUNE DIRECT % OF TOTAL	1945 JUNE AERO. DIRECT	1945 JUNE EXP. DIRECT
Total All Facilities	110,442.3	41839.7	37.9[1]			111,341.8	42521.3	38.2[1]			111,181.9	41381.2	37.2[1]			108,382.0	39629.7	36.6[1]			106,266.8	39156.1	36.8[1]			102,211 2	37398.2	36.6[1]		
Aeronca, Middletown	216.4	106.9	49.4	102.5	4.4[30]																									
Beech, Wichita	1261.4	488.2	38.7	448.0[31]	40.2	1294.6	532.0	41.1	491.8[31]	40.2	1294.6	532.0	41.1	491.8[31]	40.2	1357.1	559.8	41.3	534.6[32]	25.2	1368.1	559.8	40.9	534.6[32]	25 2	1368 1	559.8	40.9	534.6[32]	25.2
Bell, Buffalo	3743.3	865.3	23.1	788.4	76.9	3598.2	916.7	25.5	839.8	76.9	3594.1	916.7	25.5	839.8	76.9	3586.4	916.7	25.6	839.8	76.9	3319.4	916.7	27.6	839.8	76.9	NA	NA	NA	NA	NA
Bell, Marietta	3936.1[33]	1620.7	41.2	1620.7	0.0	3871.6	1382.9	35.7	1382.9	0.0	4234.5[34]	1446.0	34.1	1446.0	0.0	4234.5[34]	1446.0	34.1	1446.0	0.0	4234.5[34]	1446.0	34.1	1446.0	0.0	4234 5[34]	1446.0	34.1	1446.0	0.0
Bellanca, Newcastle	278.7	130.8	46.9	130.8	0.0	337.9[35]	141.0	41.7	141.0	0.0	317.2[36]	125.7[36]	39.6	125.7	0.0															
Boeing Seattle (Inc Renton)	5508.1	2432.1	44.2	2225 9	206.2	5657.6[37]	2431.7	43.0	2275.0	156.7	5748.9	2343.7	40.8	2187.0	156.7	6073.0	2368.0	39.0	2253.6	114.4	6557.5	2385.1	36.4	2206.4	178.7	6859 9	2378 3	34.7	2215.8	162.5
Seattle	3795.1	1431.1	37.7	1274.4	156.7																									
Renton	1713.0	1001.0	58.4	951 5	49.5																									
Boeing, Wichita (Plants 1 & 2)	3131.1	1170.7	37.4	1170 7		3089.3	1196.5	38.7	1196.5		3206.6	1198.1	37.4	1198.1		3242.4	1205.7	37.2	1205.7	0	3242.4	1204.8	37.2	1204.8	0	3242 4	1204 8	37.2	1204.8	0
Brewster L I C. Facility	1978 8	893.5	45.2	860.1	33.4[25]																									
—Johnsville	1010.2	471.5	46.7	438.1	33.4																									
— Long Island City	968.6	422.0	43.6	422 0	0.0																									
Budd, Hunting Park & Budd Field[8] (Incl Ordnance)	3379.0	1384.8	41.0	959.2	0.0	3404.7	1382.8	40.6	968.8	0.0	3404.7	1041.5	30.6	210.2	0.0[25]															
Budd, Philadelphia[9]	2339.5	959.2	41.0	959.2	0.0	2430.5	986.8	40.6	968.8	0.0	687.0	210.2	30.6	210.2	0.0															
Cessna, Wichita	854.0	146.7[38]	17.1	146.7	0.0	868.7	218.0	25.1	218.0	0.0	778.3	203.2	26.1	203.2	0.0	739.7	203.2	27.5	203.2	0.0	NR					NR				
Chance-Vought Stratford	1699.6[12]	535.6	31.5	472.4	63.1	1794.1[12]	549.6	30.6	486.5	63.1	1956.5[12]	611.3	31.2	548.2	63.1	2024.6[12]	592.3	29.3	478.1	114.2	2005.6[12]	601.3	30.0	483.7	118.0	1960 3[12]	626.0	31.9	509.7	116.3
Columbia, Valley Stream	172.9	87.3	50.5	87.3	0.0	181.2	95.5	52.7	95.5	0.0	181.2	95.5	52.7	95.5	0.0	190.7	102.3	53.6	96.1	6.2	190.7	102.3	53.6	95.1	7.2	191.9	102.3	53.3	95.1	7.2
Consolidated-V, Allentown	578.4	123.7	21.4	123.7	0.0	578.4	132.7	22.9	132.7	0.0	775.3	294.0	37.9	289.7	4.3	801.3	299.7	37.4	289.7	10.0	838.1	301.7	36.0	293.5	8.2	833.1	259.1	31.1	250.3	8.8
Consolidated-V, Downey[9]	1111.5	548.5	49.3	518.5	30.0	1172.5	570.9	48.7	540.9	30.0[39]																				
Consolidated-V, Downey[9] —Vultee Field Div.	1053.1	518.5	49.2	518 5	0.0	1109.9	540.9	48.7	540.9	0.0																				
— Eng Development Div.	58.4	30.0	51.3	0.0	30.0	62.6	30.0	47.9	0.0	30.0																				
Consolidated-V, Ft. Worth	3472.5	1300.5	37.5	1255 5	45.0	3472.5	1378.8	39.7	1333.8	45.0	3580.5	1382.1	38.6	1247.1	135.0	3580.5	1213.7	33.9	1078.7	135.0	3795.5	1443.1	138.0	1281.1	161.9	3895 5	1458.5	37.4	1273.6	184.9
Consolidated-V, Nashville	958.9	429.7	44.8	420.4	9.3	958.9	403.3	42.1	394.0	9.3	964.2	412.6	42.8	403.3	9.3	973.6	445.6	45.8	445.6	0.0	979.7	454.9[40]	46.4	454.9	0.0	979.7	454 9	46.4	454.9	0.0
Consolidated-V, New Orleans	731.0	188.4	25.8	188.4	0.0	869.0	282.0	32.5	282.0	0.0	892.0	292.4	32.8	292.4	0.0	980.3	286.5[41]	29.2	286.5	0.0	949.3	322.3	34.0	322.3	0.0	1093 7	351 8	32.2	351.8	0.0
Consolidated-V, San Diego	4405.1[42]	2128.7	48.3	2018.0	110.7	4483.8[42]	2141.8	47.8	2033.1	108.8	4595.5[42]	2046.6	44.5	1937.8	108.8	4591.0[42]	2179.4	47.5	2088.2	91.2	4588.5[42]	2184.8	47.6	2094.5	90.3	4473 4[42]	1646.7	36.8	1559.7	87.0
Consolidated-V, Wayne	307.4	133.5	43.4	130.7	2.8	309.9	133.5	43.1	130.7	2.8	306.5	138.3	45.1	135.5	2.8	306.5	138.3	45.1	130.1	8.2	306.5	138.3	45.1	130.1	8.2	291.5	135.1	46.4	119.8	15.3
Culver, Wichita	125.0	84.2	67.4	81.2	3.0	121.7	78.4	64.5	75.9	2.6	131.2	78.4	59.8	75.9	2.6	131.2	78.4	59.8	75.9	2.6	131.2	78.4	59.8	75.9	2.6	131.2	78.4	59.8	75.9	2.6
Curtiss, Buffalo	4473.7	1484.0	33.2	1456.6	27.4	4649.3	1475.2	31.7	1456.6	18.5	4991.3	1799.6	36.1	1781.0	18.5	4992.7	1799.6	36.0	1781.0	18.5	4889.3	1332.7	27.3	1314.1	18.5	4712.7	1354.4	28.7	1306.5	47.9
Curtiss, Columbus	2625.1	804.7	30.7	751.1	53.6	2579.9	805.5	31.2	751.9	53.6	2549.9	832.3	32.6	778.7	53.6	2514.4	852.3	33.9	798.7	53.6	2517.3	844.6	33.5	790.6	54.0	2517.3	842.3	33.5	788.7	53.6
Curtiss, Louisville	1009.8[22]	369.0	36.5	369.0	0.0	1079.2[22]	403.8	37.4	403.8	0.0	1079.2	403.8	37.4	403.8	0.0	1103.3	448.5	40.7	448.5	0.0	1099.8	470.3	42.8	470.3	0.0	1099.8	470.3	42.8	470.3	0.0
Curtiss, St. Louis	2123.2	754.6	35.5	712.8	41.8	2155.1	693.2	32.2	638.7	54.4	2155.0	693.3	32.2	638.9	54.4	2150.5	709.3	33.0	653.0	56.3	2156.5	716.3	33.2	664.1	52.2	2140.8	732.0	34.2	680.8	51.2
Douglas, Chicago	2203.9	1027.4	46.6	1027.4	0.0	2281.6	1001.8	43.9	999.9	1.8	2350.3	1009.4	42.9	1009.4	0.0	2350.3	1043.3	44.4	1043.3	0.0	2366.7	1045.7	44.2	1045.7	0.0	2367.2	1044.2	44.1	1044.2	0.0
Douglas, El Segundo	1423.8	596.3	41.9	545.4	51.0	1371.3	635.8	46.4	593.0	42.7	1604.4	600.7	37.4	527.0	73.7	1562.1	574.4	36.8	501.5	72.8	1582.5	580.1	36.7	507.3	72.8	1582.5	602.1	38.0	507.3	94.8
Douglas, Long Beach	3077.6	1319.1	42.9	1319.1	0.0	3077.6	1399.8	45.5	1399.8	0.0	3088.6	1422.4	46.1	1422.4	0.0	3088.4	1422.5	46.1	1422.5	0.0	3027.0	1357.9	44.9	1357.9	0.0	2987.5	1354.7	45.3	1354.7	0.0
Douglas, Oklahoma City	2380 4	901.7	37.9	901.7	0.0	2430.9	897.5	36.9	897.5	0.0	3077.1[43]	1135.8	36.9	1135.8	0.0	3077.4[43]	1249.5	40.6	1249.5	0.0	3078.5[43]	1239.4	40.3	1239.4	0.0	2340.4[43]	895.8	38.3	895.8	0.0
Douglas Aire, Santa Monica	3550.6	1068.3	30.1	973.1	95.2	3691.4	1078.2	29.2	934.8	95.2	3662.0	1030.0	28.1	934.8	95.2	3555.1	965.1	27.1	906.8	58.4	3034.4	993.2	32.7	824.2	169.1	3009 0[44]	982.7	32.7	843 9	138.7
Douglas, Santa Monica	3322.9	1026.3	30 9	931.0	95.2	3226.2	1030.0	31.9	934.8	95.2	3353.6	1030.0	30.7	934.8	95.2	3134.3	965.1	30.8	906.8	58.4	2625.0	933.2	37.8	824.2	169.1	2595.8	982.7	37.9	843.9	138.7
Gen. Office & Decentralized Area	0227.7	42.0	18.5	42.0	0.0	465.2	48.2	10.3	0.0	0.0	308.4	0.0	0.0	0.0	0.0	420.8	0.0	0.0	0.0	0.0	409.4	0.0	0.0	0.0	0.0	413.2	0.0	0.0	0.0	0.0
Douglas, Tulsa	2094.0	776.6	37.1	776.6	0.0	2050.7	805.8	39.3	805.8	0.0	2094.6	672.9	32.1	NA	NA	2228.9	718.4	32.2	718.4	0.0	2195.8[45]	726.9	33.1	726.9	0.0	2195.8	780 5[46]	35.5	780.5	0.0
Eastern, Linden	1475.6	633.2	42 9	590.1	43.2	1534.5	635.6	41.4	593.1	42.5	1504.1	627.3	41.7	584.8	42.5	1483.1	601.8	40.6	564.7	37.1	1481.7	584.8	39.5	584.8	0 0	1467.9	574.9	39.2	574.8	0.0
Eastern, Trenton	2992.6	1226.2	41.0	1210.4	15.7	2958.3	1267 7	42.9	1252.9	14.8	3357.9	1326.3	39.5	1311.5	14.8	3233.1	1323.8	40.9	1309.0	14.8	3354.6	1362.8	40.6	1348 0	14.8	3487.8	1375.1	39.4	1360.3	14.8
Fairchild, Burlington	447.4	177.7	39 7	177.7	0.0	448.0	130.6	29.2	130.6	0.0	442.3	130.6	29 5	130.6	0.0[47]															
Fairchild, Hagerstown	908.7	421.7	46 4	370.7	50.9	1129.0	605.2	53.6	554.2	50.9	1129 0	555.2	49.2	504.2	50.9	1055.2	555 2	52.6	504.2	50.9	999 1	519 1	52 0	468 2	50 9	999 1	519 1	52.0	468.2	50 9
Fisher, Cleveland	2159.2	570 0	26 4	483.5	86.5	2480.7	874.5	35.3			2480.7	874.5	35.3			[48]														
Fleetwing, Bristol																760.0	253.0	33.3	212.6	40.4	760.0	253 0	33 3	212 6	40 4	760 0	253 0	33.3	212 6	40 4
Ford, Willow Run	3858 5[48]	1555 1	40 3	1555.1	0.0	4751.7	1917.0	40 3	1917.0	0.0	4752 8	1811.8	38.1	1811.8	0.0	4752.8	1826.9	38.4	1826.9	0 0	4774.7	1895 8	39 7	1895.8	0 0	4748 5	1883 3	39.7	1883.3	0 0
Globe, Ft Worth	407 5	137.9	33 8	137.9	0.0	435.0	95.8[49]	22.0	95.8	0.0	405.0[50]	75 2	18.6	71.1	4.0[39]															
Goodyear, Akron	3806 7	1712.7	45 0	1689 0	23.7	3797.0	1726 0	45.5	1703.0	23.0	3809.4	1654 3	43 4	1623.5	30.9	3871.7	1650.4	42.6	1619.5	30.9	3850.4	1647.6	42 8	1617 3	30 3	3836.7	1565 2	40 8	1535.0	30.3
Grumman, Bethpage	2819 8	1398 4	49 6	1331 0	67 4	2819.8	1398.4	49.6	1331.0	67.4	3077.4	1057 0	53 8	1349.5	307.5	3096.8	1665.4	53.8	1356.9	308.5	3096.8	1656 4	53 8	1357 9	308 5	3096 8	1667.2	53.8	1358.4	308 8
Higgins, New Orleans	1087 5	184 1	16 9	184 1	0.0	1188.8	225 2	18.9	225 2	0.0	2244.8	992 8	44.2	790.6[51]	0.0	1752.4[13]	615.9[13]	35.1	615.9	0.0										
Kellett, Philadelphia	179.7	107 5	59 8	96 4	11.1																									
Lockheed Facility (A & B)	7251 4	2276 7	31 4	2132 7	143 9	7247 3	2311.7	31.9	2068 7	248 0	7491.9	2331 8	31 1	2010.8	320.9	7638 9	2255 1	29.5	1992 3	262 8	7495.4[52]	2321 4	31 0	2013 3	308 2	7477 7[44]	2149 6	28.7	1853 0	296 7
Martin, Baltimore	5148 3	1598 8	31 1	1560 0	38 8	5215.2	1547 5	29 7	1502 7	44 8	5319.2	1705 2	32 1	1642.3	62.9	5270 4	1526.8	28 9	1465 0	60 9	5270 3	1278 5[53]	24 2	1222 2	56 3	5120 0[53]	1287 1	25 1	1225.5	61.6
Martin, Omaha	1667 7	533 9	32 0	533 9	0 0	1667.7	533 9	32.0	533 9	0.0	1929.4	699.8	36.3	699.8	0.0	1929 4	699 8	36 3	699.8	0 0	2084 8[54]	1076 8	40 1	1068 8	8 0	2684 8[54]	1076 8[54]	40 1	1068.8	8.0
McDonnell, Memphis	113 2	43.0	38 0	43 0	0 0	114.1	52.2	45.8	52 2	0.0	114.1	52 2	45.8	52.2	0.0[39]															
Nash-Kelvinator, Detroit[55]	925.8	244.8	26 4	87 7	0.0	925.8	368.1	39.8	263.8	0.0	925.8	368.1	39.8	263.8	0.0	931.3	400.8	43.0	275.4	0.0	931.3	400 8	43 0	275 4	0.0	931 3	400 8	43 0	276.0	0.0

TABLE 5. QUARTERLY FLOOR AREA OF PRIME CONTRACTING AIRFRAME PLANTS
MARCH 1940 — JUNE 1945 (CONT'D.)
(Thousands of Square Feet)

FACILITY	1944 MARCH TOTAL	1944 MARCH ALL DIRECT	1944 MARCH DIRECT % OF TOTAL	1944 MARCH AERO. DIRECT	1944 MARCH EXP. DIRECT	1944 JUNE TOTAL	1944 JUNE ALL DIRECT	1944 JUNE DIRECT % OF TOTAL	1944 JUNE AERO. DIRECT	1944 JUNE EXP. DIRECT	1944 SEPTEMBER TOTAL	1944 SEPTEMBER ALL DIRECT	1944 SEPTEMBER DIRECT % OF TOTAL	1944 SEPTEMBER AERO. DIRECT	1944 SEPTEMBER EXP. DIRECT	1944 DECEMBER TOTAL	1944 DECEMBER ALL DIRECT	1944 DECEMBER DIRECT % OF TOTAL	1944 DECEMBER AERO. DIRECT	1944 DECEMBER EXP. DIRECT	1945 MARCH TOTAL	1945 MARCH ALL DIRECT	1945 MARCH DIRECT % OF TOTAL	1945 MARCH AERO. DIRECT	1945 MARCH EXP. DIRECT	1945 JUNE TOTAL	1945 JUNE ALL DIRECT	1945 JUNE DIRECT % OF TOTAL	1945 JUNE AERO. DIRECT	1945 JUNE EXP. DIRECT
Naval Aircraft, Philadelphia	1081.1	646.8	59.8	646.8	0.0	1305.2	673.8	51.6	673.8	0.0[39]																				
North American, Dallas (A&B)	3152.9	1459.5	46 3	1454 5	5.0	3439.0	1928.9	56.1	1928.9	0.0	3207.2	1540.2	48.0	1540.2	0.0	3091.3	993.5	32.1	993.5	0.0	3084.6	1126.0	36.5	1126.0	0.0	3077.6	1299.3	42.2	1299.3	0.0
North American, Inglewood	2221.4	859.7	38.7	818 5	41.2	2286.2	883.0	38.6	841.7	41.2	2356.5	862.2	36.6	818.3	43.9	2392.0	753.3	31.5	713.4	40.0	2320.8	816.2	35.2	773.4	42 9	2314.9	866.2	37.4	823.4	42.9
North American, Kansas City	2269.3	773.5	34.1	773.5	0.0	2425.2	800.6	33.0	800.6	0.0	2425 2	800.6	33.0	800.6	0.0	2573.8	968.6	37.6	968.6	0.0	2573.8	968.6	37.6	968.6	0.0	2399.7	886.1	36.9	886.1	0.0
Northrop, Hawthorne	1289.0	420.0	32.6	382.0	38.0	1261.0	425.0	33.7	380.0	45.0	1289.0	407.0	31.6	343.0	64.0	1304.7	410.9	31.5	342.7	68.2	1286.5	456.6	35.5	368.7	87.9	1321.0	468.0	35.4	370.0	98.0
Piper, Lockhaven	214.5	133.4	52.9	60 9	3.0	245.0	128.7	52.5	100.0	3.0	245.0	128.7	52.5	100.0	3.0	264.0	138.1	52.3	131.8	6.2	264.0	138.1	52.3	131.8	6.2	264.0	138.1	52.3	131.8	6.2
Republic, Evansville	939.4	341 0	36.3	341.0	0.0	967.7	341.0	35.2	341.0	0.0	967.7	301.5	31.2	301.5	0.0	1090.4	367.7	33.7	301.5	66.3	1090.4	367.7	33.7	301.5	66.3	1090.4	367.7	33.7	301.5	66.3
Republic, Farmingdale	1534.7	476.3	31.0	444.6	31.7	1573.9	478.9	30.4	438.6	40.3	1576.6	478.9	30.4	438.6	40.3	1576.6	500.1	31.7	444.3	55.9	1576.6	523.7	33.2	444.3	79.4	1576.6	523.2	33.2	443.7	79.4
Ryan, San Diego	433.9	330.3	76.1	315.3	15.0	433.9	330.3	76.1	315.3	15.0	NA	NA	NA	NA	NA	535.8	218.3	40.7	210.1	8.2	675.8	219.8	32.5	216.9	2.9	813.8	251.0	30.8	234.0	17.0
Sikorsky, Stratford	212.7	77.3	36.3	45.7	31.6	234.4	73.0	31.1	41.7	31.3	234.4	73.0	31.1	41.7	31.3	234.4	85.8	36.6	54.5	31.3	234.4	85.8	36.6	54.5	31.3	234.4	85.8	36.6	54.5	31.3
Taylorcraft, Alliance	72.0	44.3[38]	61.5	41.7	2.6[39]																									

TABLE 5. QUARTERLY DIRECT YARD AREA OF PRIME-CONTRACTING AIRFRAME PLANTS
DECEMBER 1941 — JUNE 1945

(Thousands of Square Feet)

	1941	1942				1943				1944				1945	
FACILITY	DECEMBER	MARCH	JUNE	SEPTEMBER	DECEMBER	MARCH	JUNE	SEPTEMBER	DECEMBER	MARCH	JUNE	SEPTEMBER	DECEMBER	MARCH	JUNE
Aeronca, Middletown	140 0	100 0	78 2	178 8	———	———	———	———	———	———	———	———	———	———	———
Bellanca, Newcastle	———	———	———	124 2	———	———	———	———	———	———	———	———	———	———	———
Boeing, Wichita (Plants 1 & 2)	———	———	———	———	———	———	———	———	———	———	10.0	20 0	30 0	25.0	25 0
Chance Vought, Stratford	158 7	158.7	158 7	158.7	———	———	———	———	———	———	———	———	———	———	———
Consolidated Vultee, Ft. Worth	———	———	———	———	———	———	52.8	———	178.1	178.1	178.1	———	———	———	———
Consolidated Vultee, Nashville	———	———	———	———	———	———	———	52.7	52.7	52 7	52.7	52.7	52 7	52.7	52 7
Consolidated Vultee, San Diego	230 0	230.0	2568 7	2703.4	3035.5	1563.9	739.6	739.6	695.4	683.2	695.4	695 4	1159 5	1159.5	1036 4
Consolidated-Vultee, Wayne	———	41.0	———	———	———	———	———	7.5	76.9	76.9	76.9	3.2	3 2	3 2	3 2
Curtiss, Buffalo	———	———	———	———	642.0	642.0	———	———	———	———	———	———	———	———	———
Douglas, Long Beach	———	253 6	500 9	500.9	———	———	———	———	———	———	———	———	———	———	———
Douglas, El Segundo	16 3	81.3	100.9	100.9	80.4	383 4	108.8	127.0	130.0	110.0	———	———	———	———	———
Douglas, Santa Monica	1253 9	1051 0	1028.5	1206.0	1229.0	NA	254.4	254 4	254.4	41.1	41.1	41.1	71.8	———	———
Douglas, Tulsa	———	———	———	———	2132.2	———	———	———	———	———	———	———	———	———	———
Grumman, Bethpage	80.4	80.4	———	———	———	———	———	———	———	———	———	———	———	———	———
Higgins, New Orleans	———	———	———	———	———	———	———	———	———	———	———	300 0	300.0	———	———
Lockheed Facility (A & B)	982 2	919.0	1106.4	1177.0	731.0	517.9	585.6	564.0	299.8	299.8	———	25 0	50.0	50.0	50 0
- Plant "A" (Vega)	180.0	213.7	213.7	864.2	421.2	279.8	279.8	279.8	279.8						
Plant "B" (Burbank)	802 2	705.3	892.7	912.8	309.8	238.1	305.8	284 2	20.0						
North American, Dallas	———	192.6	192.6	192.6	199.1	———	———	———	———	7.8	7.8	———	———	———	———
—Plant "A"	———	192.6	192.6	192.6	199.1	———	———	———	———	———	———	———	———	———	———
—Plant "B"	———	———	———	———	———	———	———	———	———	———	———	———	———	———	———
North American, Inglewood	175 9	175.9	165.8	165.8	162.8	162.8	162.0	162.0	162.0	162.0	16.0	16.0	16.0	4.5	4.5
North American, Kansas City	590 0	590.0	590.0	590.0	———	———	———	———	———	———	18.0	18.0	57.1	57.1	57 0
Northrop, Hawthorne	168 3	160.4	160.4	160.0	———	———	———	———	———	———	———	———	———	———	———
Piper, Lockhaven	80.0	80.0	80.0	61.0	———	———	———	———	———	———	———	———	———	———	———
Ryan, San Diego	109.4	109.4	109.4	109.4	109.4	109.4	107.2	———	———	———	———	———	———	———	———
St. Louis Aircraft, St. Louis	———	———	———	———	653.4	653.4	653.4	653.4	653.4	———	———	———	———	———	———
Taylorcraft, Alliance	130.7	———	———	———	———	———	———	———	———	———	10.0	———	———	———	———

TABLE 5. QUARTERLY FLOOR AREA OF PRIME-CONTRACTING AIRFRAME PLANTS

FOOTNOTES

1. Totals used to derive these percentages include only data for those facilities reporting both total and direct floor area, or both total and productive floor area.
2. Prior to March, 1943 this facility was known as Vultee Aircraft, Inc.
3. Facility known as Stinson Aircraft, Division of Vultee Aircraft through December, 1941.
4. Large increase due to previously incorrect reporting procedure.
5. 153,150 square feet of Aeronautical Area used by Modification Department.
6. Decrease in Total Area due to 270,000 square feet of Indirect Yard Area previously included in Total Area, in error.
7. Reports of Plants 1 and 2 combined as of December, 1943.
8. Figures represent entire plant including Ordnance, Naval, Automotive and other production; not included in "Total All Facilities."
9. Figures for Budd, Philadelphia represent the portion used for prime and sub-contract aeronautical production, which portion is included in "Total All Facilities."
10. Total Area includes 192,500 square feet of warehouse area located about five miles from plant.
11. Beginning with December, 1943 reports are combined for Wichita and Hutchinson.
12. March and June, 1943 figures include Sikorsky.
13. Beginning with September, 1943, reports include Bridgeport Plant of Chance-Vought.
14. First report on facility is as of April, 1943.
15. Continued to report "Productive" Area this quarter.
16. Decrease in "Direct" Area due to reclassification occasioned by widening of isles, etc.
17. Change in area due to elimination of a warehouse and use of former Direct Floor Area for flight service and storage area.
18. Decrease in March, 1943 Direct Area due to storage area, formerly included in "Direct" area, being included in "Indirect" area this quarter.
19. Total area includes 1,700 square feet of rented space for an Employment Office.
20. Decrease in Direct Area occasioned by removing certain tooling and assembly installations and installing facilities for A-26-B program.
21. First report submitted by facility.
22. Facility classified as sub-contractor for next four quarterly periods.
23. Figures revised to classify as "Indirect" some area heretofore erroneously reported as "Direct."
24. Figures represent revised data submitted by facility.
25. Facility discontinued reporting.
26. Decrease in area occasioned by Modification Area not being included as it previously had been.
27. Complete facility data not yet determined.
28. This facility apparently continued to report "Productive" Area throughout.
29. Facility classified as Glider plant during succeeding quarters.
30. Classified as sub-contractor.
31. Aeronautical Area includes 30,796 square feet of warehouse rented space for direct area.
32. Aeronautical Area includes 29,392 square feet of warehouse rented space for direct area.
33. 181,600 square feet used by Modification Department.
34. Modification Center included.
35. Cut-back of AT-21 Program necessitated renting 37,000 additional square feet for storage of surplus materials, components, etc.
36. Area decrease due to drop in prime contract production—finally discontinuing entirely, facility becoming sub-contractor.
37. Reports for Renton and Seattle combined.
38. Facility converted from UC-78 Program to B-29 and A-26 Program.
39. No longer classified as a prime contractor.
40. Includes 231,856 square feet of idle area due to contract termination and awaiting A.A.F. disposition of tools, parts and special production facilities.
41. Reduction of Direct Area due to vacating area occupied by Center Section Sub-Assemblies.
42. Figures represent Consolidated, San Diego Division only and do not include the following square feet of floor area:

Month	Corporate Office	Consairway	Tucson	
(1944)	(Indirect)	(Indirect)	(Direct)	(Indirect)
March & June	60,955	43,214	——	——
September	60,955	13,014	——	——
December	73,969	——	——	——
(1945)				
March	73,969	——	503,900	308,398
June	50,593	——	503,900	308,398

43. Beginning with September, 1944 area includes Modification Center.
44. Includes 125,970 square feet of warehouse storage area for government storage materials.
45. Decrease in area due to loss of area previously leased by Tulsa plant.
46. Direct Floor Area increased by 53,568 square feet, which increase was necessitated by addition of A-26 Modification program.
47. Production contract completed before next quarterly report.
48. In absence of report for March, 1944; December, 1943 figures are shown.
49. Decrease of Direct Area due to completion of sub-assembly for AT-10.
50. Floor area reduction as result of termination of lease on Plant No. 3.
51. Non-Aeronautical Area amounted to 202,213 square feet.
52. Decrease in area occasioned by leasing 308,370 square feet to Consolidated and 183,963 square feet to Higgins Plastics.
53. Includes 31,807 square feet of vacant area due to realignment for organizational changes and industrial engineering reasons.
54. Includes area currently vacant due to realignments resulting from schedule changes.
55. Temporary transfer of "Direct" to "Indirect" area during the design and tooling stages of the BTM-1 airplane.
56. Modification Center included, amounting to 744,200 square feet of total area and 373,900 square feet of direct area —the assembly plant having 1,940,600 square feet of total area and 702,900 square feet of direct area, as well as 8,000 square feet of experimental area.
57. Facility was not classified as a prime contractor prior to January, 1944.

TABLE 6

SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 – JUNE 1945

All data in this table pertain to operations covering the work-week ending nearest the 15th of the month.

Total Number of Direct Workers and Total Hours, Actual All Shifts, are the total number of direct workers who worked at any time during the report week and the direct man-hours worked by these workers. The man hour data represent the actual hours worked (including overtime) and not the hours paid for. The Average Weekly Hours per worker are derived by dividing total direct man-hours by total direct workers.

Number of Direct Workers, Hours per Day, Days per Week, and Total Hours Scheduled on First, Second, and Third Shifts cover the working schedule as planned for the selected work week. These data represent the facilities' best estimates at the beginning of the report week of the number of direct workers expected to appear at work during the week (not the number who actually did work), taking into consideration expected accessions and separations, leaves of absence, vacations and similar factors. Overtime work not planned at the beginning of the week is not considered as "scheduled." Prior to December 1942 facilities were not required to report actual number of direct workers. Apparently, however, some actual data were submitted in place of the data required for scheduled direct workers and hours. As the original source omits any statements to that effect, it is not possible to show footnotes in this Table to differentiate actual from scheduled.

Various shift "patterns"—i.e. hours per day and days per week—are shown. When workers are scheduled to work a smaller number of hours on one day than on other days, the number of days is shown decimally. Thus, a schedule calling for five 9-hour days plus one 4-hour day is shown as 5.44 days. Where a facility reports four or more shift "patterns" on any one shift, a breakdown of hours per day and days per week would have made more cumbersome an already large table (some facilities had workers, on any one shift, broken down into as many as ten "patterns," all working different number of hours per day or different number of days per week). In such cases, the total number of workers and the total hours scheduled on all these various "patterns" only are shown. Footnotes indicate the omission of individual shift "patterns."

Where a plant schedule differs from the schedule of workers (as, for example when the plant operates on a 7-day week, but workers are scheduled on a 6-day basis with 1/7 of the employees off each day, or some variation of this procedure, or where shifts are overlapped in order to provide a 48-hour schedule) the system used is indicated by a footnote whenever the material for such notes has been provided on the original report submitted by the facility.

Source: Aeronautical Monthly Progress Reports No. 4.

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945

MARCH TO JUNE, 1941

FACILITY	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled — Second Shift Number	JANUARY — Scheduled — Second Shift % of First	JANUARY — Scheduled — Third Shift Number	JANUARY — Scheduled — Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Actual — First Shift	FEBRUARY — Scheduled — Second Shift Number	FEBRUARY — Scheduled — Second Shift % of First	FEBRUARY — Scheduled — Third Shift Number	FEBRUARY — Scheduled — Third Shift % of First	MARCH — Actual — All Shifts	MARCH — Actual — First Shift	MARCH — Scheduled — Second Shift Number	MARCH — Scheduled — Second Shift % of First	MARCH — Scheduled — Third Shift Number	MARCH — Scheduled — Third Shift % of First
ALL FACILITIES													NA	68,430	34,552	50 5	9,025	13 2
Total Number of Workers													NA	3,156,899	1,578,424	50 0	344,608	10.9
Total Hours													——	46 1	45 7	——	38.2	——
Average Weekly Hours																		
Aeronca, Middletown													NA	119	101	84.9	0	0
Total Number of Workers													——	16	20	——	——	——
Number of Workers													——	8	8	——	——	——
Hours per Day													——	5	5	——	——	——
Days per Week													——	81	61	——	——	——
Number of Workers													——	8	8	——	——	——
Hours per Day													——	4	4	——	——	——
Days per Week													——	22	20	——	——	——
Number of Workers													——	8	8	——	——	——
Hours per Day													——	4.5	4 5	——	——	——
Days per Week													NA	4,024	3,472	86 3	0	0
Total Hours													43 6	——	——	——	——	——
Average Weekly Hours																		
Beech, Wichita													NA	1,423	600	42.2	25	1.8
Total Number of Workers													——	626	600	——	25	——
Number of Workers													——	8	8	——	8	——
Hours per Day													——	5	5	——	5	——
Days per Week													——	246	——	——	——	——
Number of Workers													——	8	——	——	——	——
Hours per Day													——	5.875	——	——	——	——
Days per Week													——	152	——	——	——	——
Number of Workers													——	8 5	——	——	——	——
Hours per Day													——	5.875	——	——	——	——
Days per Week													——	22	——	——	——	——
Number of Workers													——	10	——	——	——	——
Hours per Day													——	5	——	——	——	——
Days per Week													——	377	——	——	——	——
Number of Workers													——	10	——	——	——	——
Hours per Day													——	5.70	——	——	——	——
Days per Week													——	——	——	——	——	——
Number of Workers													——	——	——	——	——	——
Hours per Day													——	——	——	——	——	——
Days per Week													NA	66,782	24,000	35.9	1,000	1.5
Total Hours													44 2	——	——	——	——	——
Average Weekly Hours																		
Bell, Buffalo													NA	2,626	1,464	55.3	754	28.7
Total Number of Workers													——	2,626	1,464	——	754	——
Number of Workers													——	8	8	——	6 5	——
Hours per Day													——	5	5	——	5	——
Days per Week													NA	105,040	58,560	55.4	24,505	23.3
Total Hours													37 7	——	——	——	——	——
Average Weekly Hours																		
Bellanca, Newcastle													NA	185	0	0	0	0
Total Number of Workers													——	185	——	——	——	——
Number of Workers													——	8	——	——	——	——
Hours per Day													——	6	——	——	——	——
Days per Week													NA	8,880	0	0	0	0
Total Hours													46 7	——	——	——	——	——
Average Weekly Hours																		
Boeing, Seattle													NA	3,371	2,240	66 4	739	21 9
Total Number of Workers													——	1,614	1,012	——	571	—
Number of Workers													—	8	8	——	6 5	—
Hours per Day													——	5	5	——	5	—
Days per Week													——	1,757	1,228	——	168	——
Number of Workers													——	8	8	——	6 5	
Hours per Day													—	6	6	——	6	
Days per Week													——	——	——	——	——	
Number of Workers													——	——	——	——	——	
Hours per Day													——	——	——	——	——	
Days per Week													NA	148,896	99,424	66 7	28,110	16 9
Total Hours													43 1	——	——	——	——	——
Average Weekly Hours																		

FACILITY	APRIL — Actual — All Shifts	APRIL — Actual — First Shift	APRIL — Scheduled — Second Shift Number	APRIL — Scheduled — Second Shift % of First	APRIL — Scheduled — Third Shift Number	APRIL — Scheduled — Third Shift % of First	MAY — Actual — All Shifts	MAY — Actual — First Shift	MAY — Scheduled — Second Shift Number	MAY — Scheduled — Second Shift % of First	MAY — Scheduled — Third Shift Number	MAY — Scheduled — Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Actual — First Shift	JUNE — Scheduled — Second Shift Number	JUNE — Scheduled — Second Shift % of First	JUNE — Scheduled — Third Shift Number	JUNE — Scheduled — Third Shift % of First
ALL FACILITIES	NA	74,597	40,963	54 9	10,365	13 9	NA	76,495	42,371	55 4	11,338	14 8	NA	81,331	44,434	54 6	13,213	16 2
Total Number of Workers	NA	3,438,218	1,858,262	54.0	389,091	11.3	NA	3,529,303	1,924,330	54 5	432,588	12 3	NA	3,853,581	2,068,272	53 7	519,428	13 5
Total Hours	——	46.1	45.4	——	37.5	——	——	46 1	45 5	——	38 2		——	47 4	46 6	——	39 3	——
Average Weekly Hours																		
Aeronca, Middletown	NA	130	84	64 6	0	0							NA	116	44	37 9	0	0
Total Number of Workers	——	130	84	——	——	——							——	116	44	——	——	——
Number of Workers	——	8	8	——	——	——							——	8	8	——	——	——
Hours per Day	——	5	5	——	——	——							——	5	5	——	——	——
Days per Week	——	——	——	——	——	——							——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——							——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——							——	——	——	——	——	——
Days per Week	——	——	——	——	——	——							——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——							——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——							——	——	——	——	——	——
Days per Week	NA	5,200	3,360	64 6	0	0							NA	4,640	1,760	37 9	0	0
Total Hours	42 0	——	——	——	——	——							40 0	——	——	——	——	——
Average Weekly Hours																		
Beech, Wichita	NA	1,500	945	63 0	27	1.8	NA	1,581	1,186	75 0	126	8 0	NA	1,802	1,228	68 1	144	8 0
Total Number of Workers	——	740	721	——	27	——	——	655	781	——	126	——	——	122	30	——	144	——
Number of Workers	——	8	8	——	8	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Hours per Day	——	5	5	——	5	——	——	5	5	——	6	——	——	5	5	——	7	——
Days per Week	——	760	224	——	——	——	——	811	405	——	——	——	——	369	260	——	——	——
Number of Workers	——	10	10	——	——	——	——	10	10	——	——	——	——	8	8	——	——	——
Hours per Day	——	5.70	5.70	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Days per Week	——	——	——	——	——	——	——	115	——	——	——	——	——	222	160	——	——	——
Number of Workers	——	——	——	——	——	——	——	11	——	——	——	——	——	10	10	——	——	——
Hours per Day	——	——	——	——	——	——	——	6	——	——	——	——	——	5	5	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	613	490	—	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	8	8	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	7	7	——	——	——
Days per Week	NA	72,920	41,608	57.1	1,080	1 5	NA	82,450	55,540	67 4	4,914	6 0	NA	99,240	68,500	69 0	6,552	6 6
Total Hours	47.4	——	——	——	——	——	45 8	——	——	——	——	——	50 0	——	——	——	——	——
Average Weekly Hours																		
Bell, Buffalo	NA	2,778	1,670	60 8	711	25.6	NA	3,184	1,869	58 7	557	17 5	NA	3,141	1,800	57 3	755	24 0
Total Number of Workers	——	2,778	1,690	——	711	——	——	3,184	1,869	——	557	——	——	3,141	1,800	——	755	——
Number of Workers	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Hours per Day	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	6	——
Days per Week	NA	111,120	67,600	60 8	23,108	20.8	NA	127,360	74,760	58 7	18,103	14 2	NA	125,640	72,000	57 3	24,538	19 5
Total Hours	39.0	——	——	——	——	——	38 2	——	——	——	——	——	39 0	——	——	——	——	——
Average Weekly Hours																		
Bellanca, Newcastle	NA	140	3	2 1	0	0	NA	139	7	5 0	0	0	NA	156	23	14 7	0	0
Total Number of Workers	——	140	3	——	——	——	——	139	7	——	——	——	——	156	23	——	——	
Number of Workers	——	8	8	——	——	——	—	8	8	——	——	——	—	8	9 5	——	——	——
Hours per Day	——	6	6	——	——	——	—	6	6	——	——	——	—	6	5	—	—	
Days per Week	NA	6,720	144	2 1	0	0	NA	6,672	336	5 0	0	0	NA	7,488	1,093	14 6	0	0
Total Hours	45 4	——	——	——	——	——	45 0	——	——	——	——	——	4 52	——	——	——	——	——
Average Weekly Hours																		
Boeing, Seattle	NA	3,371	2,240	66 4	739	21 9	NA	3,300	2,310	70 0	600	18 2	NA	3,420	2,438	71 0	602	17 6
Total Number of Workers	——	1,614	1,012	——	571	—		1,088	1,445	-	564			2,190	1,523	——	590	
Number of Workers	—	8	8	——	6 5	-	-	8	8	—	6 5			8	8		6 5	-
Hours per Day	——	5	5	——	5	-		5	5	-	5			5	5		5	
Days per Week	——	1,757	1,228	——	168	——	—	1,182	865	— —	36			1,130	835		6	
Number of Workers	——	8	8	——	6 5			8	8		6 5			8	8		6 5	
Hours per Day	—	6	6	——	6			6	6		6			6	6		6	
Days per Week	——	——	——	——	——			180						100	70		6	
Number of Workers	——	——	——	——	—			8		-				8	8	-	6 5	
Hours per Day	——	——	——	——	—			7						7	7		7	
Days per Week	NA	148,896	99,424	66 7	28,110	16 9	NA	144,086	98,320	68 0	19,734	13	NA	147,440	104,920	71 2	17,082	11 7
Total Hours	43 1	——	——	——	——	——	42 4	——	——	——	——	——	42 3	——	——	——	——	——
Average Weekly Hours																		

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

Plant	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Wichita																																				
Total Number of Workers													NA	890	410	46.1	150	16.9	NA	985	470	47.7	160	16.2	NA	1,004	510	50.8	164	16.3	NA	964	540	56.0	127	13.2
Number of Workers													——	890	410	——	150	——	——	985	470	——	160	——	——	1,004	510	——	164	——	——	964	540	——	127	——
Hours per Day													——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——
Days per Week													——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours													NA	40,050	18,450	46.1	6,750	16.9	NA	44,325	21,150	47.7	7,200	16.2	NA	45,180	22,950	50.8	7,380	16.3	NA	43,380	24,300	56.0	5,715	13.2
Average Weekly Hours													45.0	——	——	——	——	——	45.0	——	——	——	——	——	45.0	——	——	——	——	——	45.0	——	——	——	——	——
Bruce, Vultee, Tulsa																																				
Total Number of Workers													NA	4,410	1,320	29.9	0	0	NA	4,099	1,709	41.7	0	0	NA	4,385	1,332	30.4	0	0	NA	4,408	1,271	28.8	0	0
Number of Workers													——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day													——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week													——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours													NA	189,527	55,766	29.4	0	0	NA	185,756	77,746	41.9	0	0	NA	194,974	57,102	29.3	0	0	NA	203,146	58,157	28.6	0	0
Average Weekly Hours													42.8	——	——	——	——	——	45.3	——	——	——	——	——	46.3	——	——	——	——	——	45.5	——	——	——	——	——
Cessna, Wichita																																				
Total Number of Workers													NA	1,032	508	49.2	36	3.5	NA	743	527	70.9	38	5.1	NA	787	564	71.7	56	7.1	NA	859	617	71.8	87	10.1
Number of Workers													——	1,032	508	——	36	——	——	743	527	——	38	——	——	787	564	——	56	——	——	859	617	——	87	——
Hours per Day													——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week													——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours													NA	49,536	24,384	49.2	1,728	3.5	NA	35,664	25,296	70.9	1,824	5.1	NA	37,776	27,072	71.7	2,688	7.1	NA	41,232	29,616	71.8	4,176	10.1
Average Weekly Hours													48.0	——	——	——	——	——	44.8	——	——	——	——	——	42.1	——	——	——	——	——	42.7	——	——	——	——	——
Chance-Vought, Stratford																																				
Total Number of Workers													NA	2,503	1,001	40.0	0	0	NA	2,452	961	39.2	0	0	NA	2,440	938	38.4	40	1.6	NA	2,395	929	38.8	54	2.3
Number of Workers													——	2,503	1,001	——	——	——	——	2,452	961	——	——	——	——	2,219	868	——	40	——	——	2,171	830	——	54	——
Hours per Day													——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	6.5	——	——	10	10	——	6.5	——
Days per Week													——	5.8	5.8	——	——	——	——	5.8	5.8	——	——	——	——	5.8	5.8	——	6	——	——	5.8	5.8	——	6	——
Number of Workers													——	——	——	——	——	——	——	——	——	——	——	——	——	221	70	——	——	——	——	224	99	——	——	——
Hours per Day													——	——	——	——	——	——	——	——	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week													——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours													NA	145,174	58,058	40.0	0	0	NA	142,216	55,738	39.2	0	0	NA	139,310	53,704	38.5	1,560	1.1	NA	136,670	52,892	38.7	2,106	1.5
Average Weekly Hours													50.7	——	——	——	——	——	45.2	——	——	——	——	——	51.4	——	——	——	——	——	46.6	——	——	——	——	——
Columbia, Kansas City[2]																																				
Total Number of Workers													NA	67	2	3.0	0	0	NA	68	2	2.9	0	0	NA	65	2	3.1	0	0	NA	86	2	2.3	0	0
Number of Workers													——	67	2	——	——	——	——	68	2	——	——	——	——	65	2	——	——	——	——	86	2	——	——	——
Hours per Day													——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week													——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours													NA	2,680	80	3.0	0	0	NA	2,720	80	2.9	0	0	NA	2,600	80	3.1	0	0	NA	3,440	80	2.3	0	0
Average Weekly Hours													38.0	——	——	——	——	——	40.1	——	——	——	——	——	41.9	——	——	——	——	——	41.7	——	——	——	——	——
Consol. Vultee, Downey																																				
Total Number of Workers													NA	2,380	1,577	66.3	172	7.2	NA	2,979	1,848	62.0	365	12.3	NA	2,172	1,580	72.7	189	8.7	NA	2,602	1,726	66.3	194	7.5
Number of Workers													——	2,380	1,577	——	172	——	——	2,979	1,848	——	365	——	——	2,172	1,580	——	189	——	——	2,602	1,726	——	194	——
Hours per Day													——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week													——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours													NA	95,200	63,080	66.3	5,590	5.9	NA	119,160	73,920	62.0	11,563	10.0	NA	86,880	63,200	72.7	6,143	7.1	NA	104,680	69,040	66.3	6,305	6.1
Average Weekly Hours													44.8	——	——	——	——	——	43.9	——	——	——	——	——	46.9	——	——	——	——	——	43.1	——	——	——	——	——
Douglas, Santa Monica																																				
Total Number of Workers													NA	484	388	80.2	0	0	NA	634	388	61.2	0	0	NA	557	281	50.4	0	0	NA	517	322	62.3	0	0
Number of Workers													——	484	388	——	——	——	——	634	388	——	——	——	——	557	281	——	——	——	——	517	322	——	——	——
Hours per Day													——	10	10	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week													——	5.8	5.8	——	——	——	——	5.5	5.5	——	——	——	——	5	5	——	——	——	——	5.5	5.5	——	——	——
Total Hours													NA	24,072	22,504	80.2	0	0	NA	27,896	17,072	61.2	0	0	NA	22,280	11,240	50.4	0	0	NA	22,748	14,168	62.3	0	0
Average Weekly Hours													50.2	——	——	——	——	——	44.0	——	——	——	——	——	41.1	——	——	——	——	——	40.5	——	——	——	——	——
Douglas, Long Beach																																				
Total Number of Workers													NA	8,141	5,385	66.1	0	0	NA	7,802	5,176	66.3	0	0	NA	7,773	5,039	64.8	0	0	NA	8,061	4,950	61.4	0	0
Number of Workers													——	8,141	5,385	——	——	——	——	7,802	5,176	——	——	——	——	7,773	5,039	——	——	——	——	8,061	4,950	——	——	——
Hours per Day													——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week													——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours													NA	407,050	269,250	66.1	0	0	NA	390,100	258,800	66.3	0	0	NA	388,650	251,950	64.8	0	0	NA	403,050	247,500	61.4	0	0
Average Weekly Hours													44.7	——	——	——	——	——	43.3	——	——	——	——	——	43.2	——	——	——	——	——	43.5	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

Activity	JANUARY						FEBRUARY					
	Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible] Aviation												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Curtiss, Buffalo												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Curtiss, Columbus												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Curtiss, St. Louis												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Douglas, El Segundo												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Douglas, Long Beach												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												

Activity	MARCH						APRIL					
	Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible] Aviation												
Total Number of Workers	NA	275	14	5 1	0	0	NA	332	7	2 1	0	0
Number of Workers	—	275	14	—	—	—	—	332	7	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	NA	11,000	560	5 1	0	0	NA	13,280	280	2 1	0	0
Average Weekly Hours	38.9	—	—	—	—	—	40 7	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	NA	90	7	7 8	0	0	NA	101	0	0	0	0
Number of Workers	—	90	7	—	—	—	—	101	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	—	—	—	—
Days per Week	—	5	5	—	—	—	—	5	—	—	—	—
Total Hours	NA	3,600	280	7.8	0	0	NA	4,040	0	0	0	0
Average Weekly Hours	40.0	—	—	—	—	—	40 0	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	NA	4,836	2,815	58 2	1,090	22.5	NA	5,037	2,860	56 8	1,207	24 0
Number of Workers	—	3,893	2,318	—	868	—	—	4,142	2,366	—	970	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	943	497	—	222	—	—	895	494	—	237	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	200,984	116,576	58 0	36,868	18.3	NA	208,640	118,352	56 7	40,768	19.5
Average Weekly Hours	42.5	—	—	—	—	—	42.2	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	NA	189	14	7.4	0	0	NA	428	26	6.1	0	0
Number of Workers	—	189	14	—	—	—	—	428	26	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	NA	7,560	560	7.4	0	0	NA	17,120	1,040	6.1	0	0
Average Weekly Hours	40.0	—	—	—	—	—	41.0	—	—	—	—	—
Curtiss, St. Louis												
Total Number of Workers	NA	1,338	258	19.3	74	5.5	NA	1,300	292	22.5	106	8 2
Number of Workers	—	830	258	—	74	—	—	785	292	—	106	—
Hours per Day	—	8	8	—	6.75	—	—	8	8	—	6 75	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	508	—	—	—	—	—	515	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	5 5	—	—	—	—	—	5	—	—	—	—
Total Hours	NA	61,140	10,320	16 9	2,498	4.1	NA	57,150	11,680	20 4	3,578	6 3
Average Weekly Hours	45 2	—	—	—	—	—	42.6	—	—	—	—	—
Douglas, El Segundo												
Total Number of Workers	NA	1,297	811	62 5	577	44 5	NA	1,288	831	64 5	562	43 6
Number of Workers	—	1,297	811	—	577	—	—	982	626	—	472	—
Hours per Day	—	8	8	—	7	—	—	8	8	—	7	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	—	—	—	—	—	—	306	205	—	90	—
Hours per Day	—	—	—	—	—	—	—	8	8	—	7	—
Days per Week	—	—	—	—	—	—	—	6	6	—	6	—
Total Hours	NA	51,880	32,440	62 5	20,195	38 9	NA	53,968	34,880	64 6	20,300	37 6
Average Weekly Hours	39 7	—	—	—	—	—	41 3	—	—	—	—	—
Douglas, Long Beach												
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—

Activity	MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible] Aviation												
Total Number of Workers	NA	381	17	4 5	0	0	NA	302	13	4 3	0	0
Number of Workers	—	381	17	—	—	—	—	302	13	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	NA	15,240	680	4 5	0	0	NA	12,080	520	4 3	0	0
Average Weekly Hours	38 4	—	—	—	—	—	38 5	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	NA	100	0	0	0	0	NA	125	59	47 2	0	0
Number of Workers	—	100	0	0	—	—	—	125	59	—	—	—
Hours per Day	—	8	0	0	—	—	—	8	8	—	—	—
Days per Week	—	5	0	0	—	—	—	6	6	—	—	—
Total Hours	NA	4,000	0	0	0	0	NA	6,000	2,832	47 2	0	0
Average Weekly Hours	40.0	—	—	—	—	—	48 0	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	NA	5,225	3,005	57.5	1,326	25 4	NA	5,636	3,384	60 0	1,515	26 9
Number of Workers	—	3,524	1,857	—	471	—	—	2,872	1,596	—	649	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	1,701	1,148	—	855	—	—	2,764	1,788	—	866	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	222,608	129,384	58.1	48,653	21 9	NA	247,552	149,564	60 5	54,867	22 2
Average Weekly Hours	42 7	—	—	—	—	—	42 5	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	NA	628	113	18 0	8	1 3	NA	828	172	20 8	34	4 1
Number of Workers	—	628	113	—	8	—	—	828	172	—	34	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Total Hours	NA	25,120	4,520	18 0	320	1 3	NA	33,120	6,880	20 8	1,360	4 1
Average Weekly Hours	41.0	—	—	—	—	—	41 0	—	—	—	—	—
Curtiss, St. Louis												
Total Number of Workers	NA	1,499	421	28 1	179	11 9	NA	1,663	568	34 2	256	15 4
Number of Workers	—	1,167	421	—	179	—	—	1,663	568	—	256	—
Hours per Day	—	8	8	—	6 75	—	—	8	8	—	6 75	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	332	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	63,280	16,840	26 6	6,041	9 5	NA	66,520	22,720	34 2	8,640	13 0
Average Weekly Hours	46 6	—	—	—	—	—	46 4	—	—	—	—	—
Douglas, El Segundo												
Total Number of Workers	NA	1,198	780	65 1	536	44 7	NA	1,205	769	63 8	508	42 2
Number of Workers	—	930	653	—	439	—	—	1,205	769	—	508	—
Hours per Day	—	8	8	—	7	—	—	8	8	—	7	—
Days per Week	—	5	5	—	5	—	—	6	6	—	6	—
Number of Workers	—	268	127	—	97	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	7	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	—	—	—	—	—
Total Hours	NA	50,064	32,216	64 3	19,459	38 8	NA	57,840	36,912	63 8	21,836	38 0
Average Weekly Hours	40 3	—	—	—	—	—	45 7	—	—	—	—	—
Douglas, Long Beach												
Total Number of Workers	NA	200	78	39 0	0	0	NA	329	195	59 3	3	9
Number of Workers	—	200	78	—	—	—	—	329	195	—	3	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6	—
Days per Week	—	6	6	—	—	—	—	6	6	—	7	—
Total Hours	NA	9,600	4,744	39 0	0	0	NA	15,792	9,360	59 3	126	8
Average Weekly Hours	46 0	—	—	—	—	—	43 7	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

FACILITY	JANUARY						FEBRUARY					
	Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Fairchild, Hagerstown												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Fleetwings, Bristol												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Grumman, Beth Page												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Howard, Chicago												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Kellett Autogiro, Philadelphia												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Lockheed, Burbank (B)												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												

FACILITY	MARCH						APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica																								
Total Number of Workers	NA	6,357	4,361	68.6	2,541	40 0	NA	6,800	4,939	72 6	2,858	42 0	NA	6,847	5,109	74.6	3,046	44 5	NA	7,327	5,594	76.3	3,436	46 9
Number of Workers	—	5,024	3,660	—	2,074	—	—	4,640	3,400	—	1,981	—	—	4,578	3,325	—	1,911	—	—	7,327	5,594	—	3,438	— —
Hours per Day	—	8	8	—	7	—	—	8	8	—	7	—	—	8	8	—	7	—	—	—	8	—	7	— —
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	— —
Number of Workers	—	1,301	701	—	464	—	—	2,160	1,539	—	877	—	—	2,269	1,784	—	1,135	—	—	—	—	—	—	— —
Hours per Day	—	8	8	—	7	—	—	8	8	—	7	—	—	8	8	—	7	—	—	—	—	—	—	— —
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—	—	5	5	—	5	—	—	—	—	—	—	— —
Total Hours	—	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— —
Average Weekly Hours	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— —
	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— —
	NA	295,112	203,720	69.0	103,348	35 0	NA	309,120	224,760	72.7	113,897	36.8	NA	310,504	230,960	74.4	119,987	38.6	NA	351,696	268,512	76 3	144,396	41 1
	44.6	—	—	—	—	—	44.1	—	—	—	—	—	43.7	—	—	—	—	—	45 9	—	—	—	—	—
Fairchild, Hagerstown																								
Total Number of Workers	NA	674	303	45 0	18	2.7	NA	676	348	51.5	26	3 8	NA	757	367	48.5	29	3 8	NA	829	450	54 3	64	7 7
Number of Workers	—	674	303	—	18	—	—	676	348	—	26	—	—	757	367	—	29	—	—	829	450	—	64	—
Hours per Day	—	8	9	—	7	—	—	8	9	—	7	—	—	8	9	—	7	—	—	8	9	—	7	—
Days per Week	—	5.5	4	—	5	—	—	5.5	4	—	5	—	—	8	9	—	7	—	—	5 5	4	—	5	—
Hours per Day	—	—	8	—	4	—	—	—	8	—	4	—	—	5.5	4	—	5	—	—	—	8	—	4	—
Days per Week	—	—	1	—	1	—	—	—	1	—	1	—	—	—	8	—	4	—	—	—	1	—	1	—
Total Hours	NA	29,656	13,332	45.0	702	2.4	NA	29,744	15,312	51.5	1,014	3.4	NA	33,308	16,148	48.5	1,131	3.4	NA	36,476	19,800	54 3	2,496	6 8
Average Weekly Hours	43.0	—	—	—	—	—	45.6	—	—	—	—	—	45.1	—	—	—	—	—	46.5	—	—	—	—	—
Fleetwings, Bristol																								
Total Number of Workers	NA	770	76	9.9	0	0	NA	897	202	22 5	0	0	NA	956	144	15.1	2	.2	NA	939	126	13.4	2	0 2
Number of Workers	—	2	10	—	—	—	—	—	202	—	—	—	—	—	—	—	2	—	—	—	—	—	2	—
Hours per Day	—	2	6	—	—	—	—	2	11	—	—	—	—	2	2	—	8	—	—	2	3	—	8	—
Days per Week	—	—	—	—	—	—	—	2	6	—	—	—	—	2	2	—	5.63	—	—	2	2	—	5 5	—
Total Hours	NA	36,680	4,560	12.4	0	0	NA	48,895	13,332	27.3	0	0	NA	47,575	7,260	15.3	90	.2	NA	47,380	6,823	14 4	88	0 2
Average Weekly Hours	48.8	—	—	—	—	—	55.4	—	—	—	—	—	50.2	—	—	—	—	—	50 1	—	—	—	—	—
Grumman, Beth Page																								
Total Number of Workers	NA	1,822	538	29.5	0	0	NA	2,009	303	15 1	0	0	NA	2,254	371	16.5	0	0	NA	2,917	421	14.4	0	0
Number of Workers	—	1,822	538	—	—	—	—	2,009	303	—	—	—	—	2,254	371	—	—	—	—	2,917	421	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	4	5	—	—	—	—	4	5	—	—	—	—	4	5	—	—	—	—	4	5	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	2	—	—	—	—	—	2	—	—	—	—	—	2	—	—	—	—	—	2	—	—	—	—
Total Hours	NA	102,032	26,900	26.4	0	0	NA	112,504	15,150	13.5	0	0	NA	128,224	18,550	14 7	0	0	NA	163,352	21,050	12 9	0	0
Average Weekly Hours	51.7	—	—	—	—	—	54.6	—	—	—	—	—	52.9	—	—	—	—	—	54 2	—	—	—	—	—
Howard, Chicago																								
Total Number of Workers	NA	77	6	7 8	0	0	NA	93	0	0	0	0	NA	97	0	0	0	0	NA	97	0	0	0	0
Number of Workers	—	77	6	—	—	—	—	93	—	—	—	—	—	97	—	—	—	—	—	97	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	5	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—	—	5.5	—	—	—	—
Total Hours	NA	3,080	240	7 8	0	0	NA	3,790	0	0	0	0	NA	3,880	0	0	0	0	NA	4,268	0	0	0	0
Average Weekly Hours	40.2	—	—	—	—	—	39.9	—	—	—	—	—	41 5	—	—	—	—	—	44 5	—	—	—	—	—
Kellett Autogiro, Philadelphia																								
Total Number of Workers	NA	192	15	7.8	0	0	NA	249	37	14 9	0	0	NA	313	60	19 2	0	0	NA	323	58	18 0	0	0
Number of Workers	—	192	15	—	—	—	—	249	37	—	—	—	—	313	60	—	—	—	—	323	58	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	NA	8,640	675	7.8	0	0	NA	11,205	1,665	14.9	0	0	NA	14,085	2,700	19 2	0	0	NA	14,535	2,610	18 0	0	0
Average Weekly Hours	49 0	—	—	—	—	—	46 0	—	—	—	—	—	45 0	—	—	—	—	—	45 0	—	—	—	—	—
Lockheed, Burbank (B)																								
Total Number of Workers	NA	7,495	4,220	56 3	728	9.7	NA	7,559	5,713	75 6	727	9 6	NA	8,331	6,526	78 3	1,851	18 6	NA	8,504	6,800	80 0	2,172	25 5
Number of Workers	—	7,495	4,220	—	728	—	—	7,559	5,713	—	727	—	—	8,331	6,526	—	1,851	—	—	5,504	6,800	—	2,172	— —
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	— —
Total Hours	NA	359,760	202,560	56 3	28,392	7 9	NA	362,832	274,224	75 6	28,353	7 8	NA	399,888	313,248	78 3	60,499	15 1	NA	408,192	326,400	80 0	84,708	20 8
Average Weekly Hours	47 5	—	—	—	—	—	47 6	—	—	—	—	—	48 1	—	—	—	—	—	47 4	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

FACILITY	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled — Second Shift Number	JANUARY — Scheduled — Second Shift % of First	JANUARY — Scheduled — Third Shift Number	JANUARY — Scheduled — Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Actual — First Shift	FEBRUARY — Scheduled — Second Shift Number	FEBRUARY — Scheduled — Second Shift % of First	FEBRUARY — Scheduled — Third Shift Number	FEBRUARY — Scheduled — Third Shift % of First
Lockheed, Burbank, A (Vega)												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Martin, Baltimore												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
Naval, Philadelphia[4]												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
North American, Dallas												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												
North American, Inglewood												
Total Number of Workers												
Number of Workers												
Hours per Day												
Days per Week												
Number of Workers												
Hours per Day												
Days per Week												
Total Hours												
Average Weekly Hours												

FACILITY	MARCH — Actual — All Shifts	MARCH — Actual — First Shift	MARCH — Scheduled — Second Shift Number	MARCH — Scheduled — Second Shift % of First	MARCH — Scheduled — Third Shift Number	MARCH — Scheduled — Third Shift % of First	APRIL — Actual — All Shifts	APRIL — Actual — First Shift	APRIL — Scheduled — Second Shift Number	APRIL — Scheduled — Second Shift % of First	APRIL — Scheduled — Third Shift Number	APRIL — Scheduled — Third Shift % of First
Lockheed, Burbank, A (Vega)												
Total Number of Workers	NA	1,635	822	50.3	235	14.4	NA	1,634	889	54.4	214	13 1
Number of Workers	———	1,635	822	———	235	———	NA	1,634	889	———	214	———
Hours per Day	———	8	8	———	6.5	———	———	8	8	———	6.5	———
Days per Week	———	6	6	———	5	———	———	6	6	———	6	———
Total Hours	NA	78,480	39,456	50.3	9,165	11.7	NA	78,432	42,672	54.4	8,346	10.6
Average Weekly Hours	46.3	———	———	———	———	———	45 0	———	———	———	———	———
Martin, Baltimore												
Total Number of Workers	NA	7,563	3,267	43.2	2,412	31.9	NA	7,671	3,300	43.0	2,367	30.9
Number of Workers	———	5,476	1,800	———	1,400	———	———	5,248	2,037	———	1,574	———
Hours per Day	———	6	7.25	———	7.25	———	———	8	7.25	———	7.25	———
Days per Week	———	5	5	———	5	———	———	5	5	———	5	———
Number of Workers	———	1,970	1,443	———	1,000	———	———	2,379	1,253	———	783	———
Hours per Day	———	8	7.25	———	7.25	———	———	8	7.25	———	7.25	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Number of Workers	———	117	24	———	12	———	———	44	16	———	10	———
Hours per Day	———	8	7.25	———	7.25	———	———	8	7.25	———	7.25	———
Days per Week	———	7	7	———	7	———	———	7	7	———	7	———
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Total Hours	NA	320,152	129,239	40.4	94,859	29.6	NA	326,576	129,159	39.5	91,626	28.1
Average Weekly Hours	41.1	———	———	———	———	———	41.0	———	———	———	———	———
Naval, Philadelphia[4]												
Total Number of Workers	———	———	———	———	———	———	NA	916	248	27.1	74	8.1
Number of Workers	———	———	———	———	———	———	———	916	248	———	74	———
Hours per Day	———	———	———	———	———	———	———	8	8	———	8	———
Days per Week	———	———	———	———	———	———	———	6	6	———	6	———
Total Hours	———	———	———	———	———	———	NA	43,968	11,904	27.1	3,552	8.1
Average Weekly Hours	———	———	———	———	———	———	45.6	———	———	———	———	———
North American, Dallas												
Total Number of Workers	NA	810	0	0	0	0	NA	941	143	15.2	0	0
Number of Workers	———	810	———	———	———	———	———	916	143	———	———	———
Hours per Day	———	8	———	———	———	———	———	8	8	———	———	———
Days per Week	———	5	———	———	———	———	———	5	5	———	———	———
Number of Workers	———	———	———	———	———	———	———	25	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	10	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Total Hours	NA	32,400	0	0	0	0	NA	37,990	5,720	15.1	0	0
Average Weekly Hours	44.0	———	———	———	———	———	39.4	———	———	———	———	———
North American, Inglewood												
Total Number of Workers	NA	4,615	2,940	63.7	0	0	NA	4,581	3,383	73.8	0	0
Number of Workers	———	925	480	———	———	———	———	796	503	———	———	———
Hours per Day	———	10	10	———	———	———	———	10	10	———	———	———
Days per Week	———	5 6	5 6	———	———	———	———	5.6	5.6	———	———	———
Number of Workers	———	3,690	2,460	———	———	———	———	3,785	2,880	———	———	———
Hours per Day	———	9	9	———	———	———	———	9	9	———	———	———
Days per Week	———	5	5	———	———	———	———	5	5	———	———	———
Total Hours	NA	217,850	138,580	63 2	0	0	NA	214,901	157,768	73.4	0	0
Average Weekly Hours	48.0	———	———	———	———	———	47.0	———	———	———	———	———

FACILITY	MAY — Actual — All Shifts	MAY — Actual — First Shift	MAY — Scheduled — Second Shift Number	MAY — Scheduled — Second Shift % of First	MAY — Scheduled — Third Shift Number	MAY — Scheduled — Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Actual — First Shift	JUNE — Scheduled — Second Shift Number	JUNE — Scheduled — Second Shift % of First	JUNE — Scheduled — Third Shift Number	JUNE — Scheduled — Third Shift % of First
Lockheed, Burbank, A (Vega)												
Total Number of Workers	NA	1,626	928	57 1	250	15 4	NA	1,667	993	59.6	267	16 0
Number of Workers	NA	1,626	928	———	250	———	NA	1,667	993	———	267	———
Hours per Day	———	8	8	———	6 5	———	———	8	8	———	6 5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	78,048	44,544	57 1	9,750	12 5	NA	80,016	47,664	59.6	10,413	13 0
Average Weekly Hours	45.5	———	———	———	———	———	45 0	———	———	———	———	———
Martin, Baltimore												
Total Number of Workers	NA	7,995	3,418	42.8	2,456	30 7	NA	8,974	3,828	42.7	2,741	30 5
Number of Workers	———	5,163	1,788	———	1,390	———	———	3,100	1,875	———	1,115	———
Hours per Day	———	8	7 25	———	7 25	———	———	8	7.25	———	7 25	———
Days per Week	———	5	5	———	5	———	———	5	5	———	5	———
Number of Workers	———	2,813	1,626	———	1,062	———	———	3,140	1,672	———	1,620	———
Hours per Day	———	8	7 25	———	7 25	———	———	8	7.25	———	7.25	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Number of Workers	———	19	4	———	4	———	———	17	6	———	6	———
Hours per Day	———	8	7 25	———	7.25	———	———	8	7.25	———	7 25	———
Days per Week	———	7	7	———	7	———	———	7	7	———	7	———
Number of Workers	———	———	———	———	———	———	———	2,717	275	———	———	———
Hours per Day	———	———	———	———	———	———	———	10	12	———	———	———
Days per Week	———	———	———	———	———	———	———	6	6	———	———	———
Total Hours	NA	342,608	135,749	39.6	96,788	28 3	NA	438,692	160,805	36.7	111,193	25 3
Average Weekly Hours	41.5	———	———	———	———	———	47.6	———	———	———	———	———
Naval, Philadelphia[4]												
Total Number of Workers	NA	918	251	27.3	76	8 3	NA	784	235	30 0	101	12 9
Number of Workers	———	918	251	———	76	———	———	784	235	———	101	———
Hours per Day	———	8	8	———	8	———	———	8	8	———	8	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	44,064	12,048	27.3	3,648	8 3	NA	37,632	11,290	30.0	4,848	12.9
Average Weekly Hours	45.6	———	———	———	———	———	45.5	———	———	———	———	———
North American, Dallas												
Total Number of Workers	NA	1,068	136	12 7	0	0	NA	1,037	240	23.4	0	0
Number of Workers	———	1,068	136	———	———	———	———	750	128	———	———	———
Hours per Day	———	8	8	———	———	———	———	8	8	———	———	———
Days per Week	———	5	5	———	———	———	———	5	5	———	———	———
Number of Workers	———	———	———	———	———	———	———	202	112	———	———	———
Hours per Day	———	———	———	———	———	———	———	8	8	———	———	———
Days per Week	———	———	———	———	———	———	———	5.75	5.75	———	———	———
Number of Workers	———	———	———	———	———	———	———	66	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	11.5	———	———	———	———
Days per Week	———	———	———	———	———	———	———	5	———	———	———	———
Total Hours	NA	42,720	5,440	12 7	0	0	NA	43,447	10,272	23 6	0	0
Average Weekly Hours	38.6	———	———	———	———	———	41.6	———	———	———	———	———
North American, Inglewood												
Total Number of Workers	NA	4,510	3,465	76.8	0	0	NA	4,734	3,096	65 4	0	0
Number of Workers	———	810	610	———	———	———	———	1,065	646	———	———	———
Hours per Day	———	10	10	———	———	———	———	10	10	———	———	———
Days per Week	———	5.6	5.6	———	———	———	———	5.6	5 6	———	———	———
Number of Workers	———	3,700	2,855	———	———	———	———	3,669	2,450	———	———	———
Hours per Day	———	9	9	———	———	———	———	9	9	———	———	———
Days per Week	———	5	5	———	———	———	———	5	5	———	———	———
Total Hours	NA	211,860	162,635	76.8	0	0	NA	234,745	146,426	65 2	0	0
Average Weekly Hours	48 0	———	———	———	———	———	48 0	———	———	———	———	———

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Northrop, Hawthorne																		
Total Number of Workers													NA	1,033	509	49.3	0	0
Number of Workers													—	256	102	—	—	—
Hours per Day													—	8	8	—	—	—
Days per Week													—	5	5	—	—	—
Number of Workers													—	777	407	—	—	—
Hours per Day													—	10	10	—	—	—
Days per Week													—	5	5	—	—	—
Number of Workers													—	—	—	—	—	—
Hours per Day													—	—	—	—	—	—
Days per Week													—	—	—	—	—	—
Total Hours													NA	49,090	24,430	49.8	0	0
Average Weekly Hours													43.7	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers													NA	402	330	82.1	106	26.4
Number of Workers													—	402	330	—	106	—
Hours per Day													—	8	8	—	6.5	—
Days per Week													—	5	5	—	5	—
Hours per Day													—	—	—	—	7.5	—
Days per Week													—	—	—	—	1	—
Total Hours													NA	16,090	13,200	82.1	4,240	26.4
Average Weekly Hours													40.0	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers													NA	1,275	234	18 4	35	2.7
Number of Workers													—	467	93	—	35	—
Hours per Day													—	8	8	—	8	—
Days per Week													—	7	7	—	7	—
Number of Workers													—	538	141	—	—	—
Hours per Day													—	8	8	—	—	—
Days per Week													—	6	6	—	—	—
Number of Workers													—	270	—	—	—	—
Hours per Day													—	8	—	—	—	—
Days per Week													—	5	—	—	—	—
Total Hours													NA	62,776	11,976	19.1	1,960	3.1
Average Weekly Hours													46.0	—	—	—	—	—
Ryan, San Diego																		
Total Number of Workers													NA	855	236	27.6	72	8.4
Number of Workers													—	712	236	—	72	—
Hours per Day													—	8	8	—	6.5	—
Days per Week													—	6	6	—	6	—
Number of Workers													—	143	—	—	—	—
Hours per Day													—	10	—	—	—	—
Days per Week													—	6	—	—	—	—
Total Hours													NA	42,756	11,328	26.5	2,808	6.6
Average Weekly Hours													48.0	—	—	—	—	—
St. Louis Aircraft, St. Louis																		
Total Number of Workers													NA	14	0	0	0	0
Number of Workers													—	14	—	—	—	—
Hours per Day													—	8	—	—	—	—
Days per Week													—	5	—	—	—	—
Total Hours													NA	560	0	0	0	0
Average Weekly Hours													40.0	—	—	—	—	—
Spartan, Tulsa																		
Total Number of Workers													NA	172	11	6 4	0	0
Number of Workers													—	172	11	—	—	—
Hours per Day													—	8	8	—	—	—
Days per Week													—	6	6	—	—	—
Total Hours													NA	8,256	528	6 4	0	0
Average Weekly Hours													48 1	—	—	—	—	—

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Northrop, Hawthorne																		
Total Number of Workers	NA	875	562	64.2	0	0	NA	825	545	66 1	0	0	NA	971	560	57.7	0	0
Number of Workers	—	875	562	—	—	—	—	701	545	—	—	—	—	454	266	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	124	—	—	—	—	—	271	181	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	5	—	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	0	0	—	—	—	—	—	—	—	246	113	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	NA	35,000	22,480	64.2	0	0	NA	34,240	21,800	63 7	0	0	NA	46,470	26,470	57.0	0	0
Average Weekly Hours	46 1	—	—	—	—	—	41.4	—	—	—	—	—	43 8	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	NA	531	260	49.0	80	15.1	NA	530	261	49.2	75	14 2	NA	525	258	49.1	72	13.7
Number of Workers	—	531	260	—	80	—	—	530	261	—	75	—	—	525	258	—	72	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—	—	5	5	—	5	—
Hours per Day	—	—	—	—	7.5	—	—	—	—	—	7 5	—	—	—	—	—	7.5	—
Days per Week	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	1	—
Total Hours	NA	21,240	10,400	49.0	3,200	15.1	NA	21,200	10,440	49.2	3,000	14 2	NA	21,000	10,320	49.1	2,880	13.7
Average Weekly Hours	40.0	—	—	—	—	—	40.0	—	—	—	—	—	40 0	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers	NA	1,367	208	15.2	24	1.8	NA	1,286	339	26.4	0	0	NA	1,406	230	16.4	0	0
Number of Workers	—	83	56	—	24	—	—	259	4	—	—	—	—	2	2	—	—	—
Hours per Day	—	8	8	—	8	—	—	10	10	—	—	—	—	2	2	—	—	—
Days per Week	—	6	6	—	6	—	—	7	7	—	—	—	—	—	—	—	—	—
Number of Workers	—	1,002	41	—	—	—	—	717	97	—	—	—	—	2	2	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	2	2	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Number of Workers	—	282	111	—	—	—	—	310	238	—	—	—	—	2	2	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	2	2	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	2	2	—	—	—
Total Hours	NA	78,204	10,698	13.7	1,152	1.5	NA	76,650	18,000	23.5	0	0	NA	76,406	12,526	16.4	0	0
Average Weekly Hours	50.8	—	—	—	—	—	49.4	—	—	—	—	—	47 3	—	—	—	—	—
Ryan, San Diego																		
Total Number of Workers	NA	1,000	358	35.8	80	8.0	NA	917	367	40.0	70	7 6	NA	923	419	45.4	77	8 3
Number of Workers	—	767	358	—	80	—	—	873	330	—	70	—	—	876	381	—	77	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	5	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	243	—	—	—	—	—	44	37	—	—	—	—	47	38	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	NA	48,486	14,320	29.5	3,120	6.4	NA	44,544	18,060	40 5	2,730	6.1	NA	44,858	20,568	45.8	3,003	6 7
Average Weekly Hours	48.0	—	—	—	—	—	48 0	—	—	—	—	—	48.0	—	—	—	—	—
St. Louis Aircraft, St. Louis																		
Total Number of Workers	NA	14	0	0	0	0	NA	23	0	0	0	0	NA	26	0	0	0	0
Number of Workers	—	14	—	—	—	—	—	23	—	—	—	—	—	26	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—
Total Hours	NA	560	0	0	0	0	NA	920	0	0	0	0	NA	1,040	0	0	0	0
Average Weekly Hours	40.0	—	—	—	—	—	40 0	—	—	—	—	—	40 0	—	—	—	—	—
Spartan, Tulsa																		
Total Number of Workers	NA	185	11	5.9	0	0	NA	176	10	5 7	0	0	NA	197	43	21 8	0	0
Number of Workers	—	185	11	—	—	—	—	176	10	—	—	—	—	197	43	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	NA	8,880	528	5 9	0	0	NA	8,448	480	5 7	0	0	NA	9,456	2,064	21 8	0	0
Average Weekly Hours	44.5	—	—	—	—	—	43 1	—	—	—	—	—	44 3	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

MARCH TO JUNE, 1941

FACILITY	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Taylorcraft, Alliance																																				
Total Number of Workers													NA	219	9	4.1	0	0	NA	266	0	0	0	0	NA	306	12	3.9	0	0	NA	303	24	7.9	0	0
Number of Workers														219	9					181						306	12					303	24			
Hours per Day														8	8					8						8	8					8	8			
Days per Week														5	5					5						5	5					5	5			
Number of Workers																				85																
Hours per Day																				9																
Days per Week																				6																
Total Hours													NA	8,760	360	4.1	0	0	NA	11,830	0	0	0	0	NA	12,240	480	3.9	0	0	NA	12,120	960	7.9	0	0
Average Weekly Hours													42.8						47.0						40.1						40.2					
Waco, Troy																																				
Total Number of Workers													NA	165	0	0	0	0	NA	166	0	0	0	0	NA	142	30	21.1	0	0	NA	243	19	7.8	0	0
Number of Workers														165						106						79	30					243	19			
Hours per Day														8						8						11	11					8	8.5			
Days per Week														5						5						5	5					5.5	5			
Number of Workers																				60						63										
Hours per Day																				10						11										
Days per Week																				5						5.5										
Total Hours													NA	6,600	0	0	0	0	NA	7,240	0	0	0	0	NA	8,157	1,650	20.2	0	0	NA	10,692	808	7.6	0	0
Average Weekly Hours													44.0						44.9						53.0						49.1					

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
All Facilities																		
Total Number of Workers	NA	90,074	47,829	53 1	13,757	15.3	NA	99,121	54,645	55.1	14,495	14.6	NA	105,909	59,876	56.5	15,376	14.5
Total Hours	NA	4,268,794	2,226,267	52 2	533,186	12.5	NA	4,713,107	2,552,324	54.2	574,057	12.2	NA	4,975,284	2,777,448	55.8	592,150	11.9
Average Weekly Hours	——	47.4	46.6	——	38.8	——	——	47.6	46.7	——	39.6	——	——	47.0	46.4	——	38.5	——
Aeronca, Middletown																		
Total Number of Workers	NA	135	45	33.3	0	0	NA	137	44	32.0	0	0	NA	180	35	19.4	0	0
Number of Workers	——	135	45	——	——	——	——	137	44	——	——	——	——	180	35	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	NA	5,400	1,800	33 3	0	0	NA	5,480	1,760	32.1	0	0	NA	7,200	1,400	19.4	0	0
Average Weekly Hours	40.0	——	——	——	——	——	44.0	——	——	——	——	——	46.0	——	——	——	——	——
Beech, Wichita																		
Total Number of Workers	NA	1,790	1,384	77.3	156	8.7	NA	1,843	1,404	76.2	164	8 9	NA	1,989	1,517	76.3	91	4.6
Number of Workers	——	110	96	——	156	——	——	300	148	——	79	——	——	1,681	1,251	——	91	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	5	5	——	7	——	——	5	5	——	5	——	——	6	6	——	6	——
Number of Workers	——	369	321	——	——	——	——	1,391	1,187	——	85	——	——	308	266	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	8	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——	——	5	5	——	——	——
Number of Workers	——	222	160	——	——	——	——	32	30	——	——	——	——	308	266	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——	——	7	7	——	——	——
Days per Week	——	5	5	——	——	——	——	6	6	——	——	——	——	1	1	——	——	——
Number of Workers	——	613	490	——	——	——	——	120	39	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	10	10	——	——	——	——	——	——	——	——	——
Days per Week	——	7	7	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——
Number of Workers	——	266	219	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	7	7	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	210	98	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	98,760	75,898	76.9	7,098	7.2	NA	87,696	66,856	76.2	7,240	8.3	NA	98,244	75,210	76.6	4,368	4.4
Average Weekly Hours	52.2	——	——	——	——	——	NR	——	——	——	——	——	46.3	——	——	——	——	——
Bell, Buffalo																		
Total Number of Workers	NA	3,238	2,184	67.4	588	18.2	NA	3,634	2,197	60.5	693	19.1	NA	3,823	2,196	57.5	885	23.2
Number of Workers	——	2,158	1,599	——	588	——	——	2,639	1,496	——	684	——	——	3,478	1,905	——	636	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	1,080	585	——	——	——	——	995	701	——	9	——	——	344	291	——	249	——
Hours per Day	——	10	10	——	——	——	——	8	8	——	6.5	——	——	8	8	——	6	——
Days per Week	——	7	7	——	——	——	——	6	6	——	6	——	——	6	6	——	6.5	——
Total Hours	NA	161,920	104,910	64 8	19,110	11.8	NA	153,320	93,488	61.0	22,581	14.7	NA	155,632	90,168	57.9	30,381	19.5
Average Weekly Hours	43.7	——	——	——	——	——	41.8	——	——	——	——	——	40.2	——	——	——	——	——
Bellanca, Newcastle																		
Total Number of Workers	NA	172	31	18 0	0	0	NA	180	30	16.7	4	2.2	NA	245	26	10.6	10	4.1
Number of Workers	——	172	31	——	——	——	——	180	30	——	4	——	——	245	11	——	10	——
Hours per Day	——	8	9 5	——	——	——	——	8	9.5	——	9.5	——	——	8	8	——	8	——
Days per Week	——	6	5	——	——	——	——	6	5	——	5	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	15	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	9.5	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	5	——	——	——
Total Hours	NA	8,256	1,473	17 8	0	0	NA	8,640	1,425	16.5	190	2.2	NA	11,760	1,241	10.6	480	4.1
Average Weekly Hours	47.7	——	——	——	——	——	53 2	——	——	——	——	——	49 0	——	——	——	——	——
Boeing, Seattle																		
Total Number of Workers	NA	4,328	2,454	56 7	370	8 5	NA	6,106	3,535	57 9	332	5 4	NA	7,373	5,025	68.2	706	9 6
Number of Workers	——	2,333	999	——	368	——	——	2,940	1,160	——	272	——	——	3,963	2,215	——	518	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	1,149	1,191	——	2	——	——	1,641	1,384	——	40	——	——	2,030	1,684	——	16	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	846	264	——	——	——	——	1,534	991	——	20	——	——	1,396	1,126	——	174	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	7	7	——	——	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	195,842	111,912	57 1	12,038	6 1	NA	281,712	168,328	59 8	11,310	4 0	NA	333,330	232,488	69.7	25,376	7 6
Average Weekly Hours	44.7	——	——	——	——	——	46.3	——	——	——	——	——	45 1	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
All Facilities																		
Total Number of Workers	NA	112,014	64,452	57.5	16,863	15.1	NA	113,710	66,849	58.8	19,457	17 1	NA	129,478	77,558	59.9	20,353	15 7
Total Hours	NA	5,285,079	2,985,658	56.5	652,064	12.3	NA	5,292,612	3,037,617	57.4	741,812	14.0	NA	6,373,447	3,659,103	57.9	842,189	13 2
Average Weekly Hours	——	47.2	46.3	——	38.7	——	——	46.5	45.4	——	38 1	——	——	49 2	47.6	——	41.4	——
Aeronca, Middletown																		
Total Number of Workers	NA	200	50	25.0	0	0	NA	200	50	25 0	0	0	NA	259	50	19.3	0	0
Number of Workers	——	200	50	——	——	——	——	200	50	——	——	——	——	259	50	——	——	——
Hours per Day	——	8	9	——	——	——	——	8	9	——	——	——	——	8	8.5	——	——	——
Days per Week	——	5.5	5	——	——	——	——	5.5	5	——	——	——	——	5 5	5	——	——	——
Total Hours	NA	8,800	2,250	25.6	0	0	NA	8,800	2,250	25.6	0	0	NA	11,396	2,125	18.6	0	0
Average Weekly Hours	44.0	——	——	——	——	——	45.0	——	——	——	——	——	43 0	——	——	——	——	——
Beech, Wichita																		
Total Number of Workers	NA	2,079	1,577	75.9	112	5.4	NA	2,055	1,592	77.5	154	7.5	NA	2,285	1,616	70.7	174	7.6
Number of Workers	——	1,888	1,386	——	112	——	——	1,883	1,445	——	154	——	——	1,157	616	——	34	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	5,875	5,875	——	5,875	——
Number of Workers	——	211	191	——	——	——	——	172	147	——	——	——	——	992	913	——	138	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	10	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	5.70	5.70	——	5.70	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	136	87	——	2	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	11	11	——	11	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	5,636	5,636	——	5,636	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	102,334	77,988	76.2	5,376	5.3	NA	100,704	78,180	77.6	7,392	7.3	NA	119,355	86,387	72.4	9,588	8.0
Average Weekly Hours	43.4	——	——	——	——	——	43.3	——	——	——	——	——	52.8	——	——	——	——	——
Bell, Buffalo																		
Total Number of Workers	NA	4,002	2,228	55.7	963	24.1	NA	3,986	2,196	55.1	833	20.9	NA	3,985	2,145	53.8	908	22.8
Number of Workers	——	3,426	1,862	——	628	——	——	3,986	2,196	——	833	——	——	2,550	1,344	——	586	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	6	6	——	6	——
Number of Workers	——	576	366	——	335	——	——	——	——	——	——	——	——	1,335	801	——	322	——
Hours per Day	——	8	8	——	6.5	——	——	——	——	——	——	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	——	——	——	——	——	——	7	7	——	7	——
Total Hours	NA	164,688	92,048	55.9	33,475	20.3	NA	159,440	87,840	55.1	27,073	17 0	NA	201,960	109,368	54.2	37,505	18 6
Average Weekly Hours	40.1	——	——	——	——	——	37.3	——	——	——	——	——	45 7	——	——	——	——	——
Bellanca, Newcastle																		
Total Number of Workers	NA	263	38	14.4	14	5 3	NA	268	36	13 4	16	6.0	NA	268	62	23.1	19	7 1
Number of Workers	——	263	17	——	14	——	——	268	19	——	16	——	——	268	62	——	19	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	21	——	——	——	——	——	17	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	9.5	——	——	——	——	——	9 5	——	——	——	——	——	——	——	——	——
Days per Week	——	——	5	——	——	——	——	——	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	12,624	1,814	14 4	672	5.3	NA	12,864	1,720	13 4	768	6 0	NA	12,864	2,976	23.1	912	7 1
Average Weekly Hours	49.0	——	——	——	——	——	48.6	——	——	——	——	——	46 0	——	——	——	——	——
Boeing, Seattle																		
Total Number of Workers	NA	7,632	5,376	70.3	1,056	13.8	NA	8,078	6,148	76 1	1,929	23 9	NA	8,803	6,792	77 2	2,109	24 0
Number of Workers	——	3,919	2,368	——	639	——	——	4,856	3,534	——	1,306	——	——	1,207	976	——	237	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	3,382	2 853	——	346	——	——	2,267	1,879	——	539	——	——	3,131	2,281	——	787	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	351	253	——	71	——	——	955	735	——	84	——	——	4,465	3,535	——	1,045	——
Hours per Day	——	8	8	——	6.8	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	338,732	241,936	71 4	37,492	11 1	NA	356,536	272,712	76 5	67,256	18 9	NA	448,608	346,488	77 2	97,763	19 6
Average Weekly Hours	43.9	——	——	——	——	——	43 1	——	——	——	——	——	49 9	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Wichita																		
Total Number of Workers	NA	1,032	568	55.0	21	2.0	NA	999	371	37.1	22	2.2	NA	1,040	300	28.8	0	0
Number of Workers	——	1,032	568	——	21	——	——	999	371	——	22	——	——	1,040	300	——	——	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	——	——
Total Hours	NA	46,440	25,560	55.0	945	2.0	NA	44,955	16,695	37.1	990	2.2	NA	46,800	13,500	28.8	0	0
Average Weekly Hours	45.0	——	——	——	——	——	45.0	——	——	——	——	——	45.0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	4,628	1,484	32.1	0	0	NA	4,910	1,618	33.0	0	0	NA	4,940	1,626	32.9	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	228,168	71,554	31.4	0	0	NA	248,940	82,155	33.0	0	0	NA	239,290	81,223	33.9	0	0
Average Weekly Hours	49.4	——	——	——	——	——	50.7	——	——	——	——	——	49.2	——	——	——	——	——
Cessna, Wichita																		
Total Number of Workers	NA	845	593	70.2	100	11.8	NA	1,014	691	68.1	236	23.3	NA	1,001	769	76.8	315	31.5
Number of Workers	——	845	593	——	100	——	——	1,014	691	——	236	——	——	1,001	769	——	315	——
Hours per Day	——	8	8	——	8	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	40,560	28,464	70.2	4,800	11.8	NA	45,630	31,095	68.1	10,620	23.3	NA	45,045	34,605	76.8	14,175	31.5
Average Weekly Hours	46.7	——	——	——	——	——	44.8	——	——	——	——	——	44.3	——	——	——	——	——
Chance-Vought, Stratford																		
Total Number of Workers	NA	2,338	829	35.5	60	2.6	NA	2,530	869	34.3	63	2.5	NA	2,657	978	36.8	39	1.5
Number of Workers	——	2,105	708	——	60	——	——	2,275	736	——	63	——	——	2,399	841	——	39	——
Hours per Day	——	10	10	——	6.5	——	——	10	10	——	6.5	——	——	10	10	——	6.5	——
Days per Week	——	5.8	5.8	——	6	——	——	5.8	5.8	——	6	——	——	5.8	5.8	——	6	——
Number of Workers	——	233	121	——	——	——	——	255	133	——	——	——	——	258	137	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	133,274	46,872	35.2	2,340	1.8	NA	144,190	49,072	34.0	2,457	1.7	NA	151,526	55,354	36.5	1,521	1.0
Average Weekly Hours	46.4	——	——	——	——	——	50.4	——	——	——	——	——	50.3	——	——	——	——	——
Columbia, Kansas City																		
Total Number of Workers	NA	89	3	3.4	0	0	NA	69	2	2.9	0	0	NA	65	2	3.1	0	0
Number of Workers	——	89	3	——	——	——	——	69	2	——	——	——	——	65	2	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	NA	3,560	120	3.4	0	0	NA	2,760	80	2.9	0	0	NA	2,600	80	3.1	0	0
Average Weekly Hours	39.4	——	——	——	——	——	40.8	——	——	——	——	——	40.7	——	——	——	——	——
Consol.-Vultee, Downey																		
Total Number of Workers	NA	2,554	1,712	67.0	268	10.5	NA	2,768	1,839	66.4	216	7.8	NA	2,760	1,772	64.2	156	5.7
Number of Workers	——	2,554	1,712	——	268	——	——	2,768	1,839	——	216	——	——	2,760	1,772	——	156	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	102,160	68,480	67.0	8,710	8.5	NA	110,720	73,560	66.4	7,020	6.3	NA	110,400	70,880	64.2	5,070	4.6
Average Weekly Hours	44.6	——	——	——	——	——	39.1	——	——	——	——	——	40.7	——	——	——	——	——
Consol.-Vultee, Nashville																		
Total Number of Workers	NA	507	298	58.8	0	0	NA	651	280	43.0	0	0	NA	692	261	37.7	0	0
Number of Workers	——	507	298	——	——	——	——	651	280	——	——	——	——	692	261	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5.5	5.5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	22,308	13,112	58.8	0	0	NA	26,040	11,200	43.0	0	0	NA	27,680	10,440	37.7	0	0
Average Weekly Hours	44.0	——	——	——	——	——	42.8	——	——	——	——	——	43.0	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Wichita																		
Total Number of Workers	NA	947	296	31.3	3	0.3	NA	908	246	27.1	4	0.4	NA	900	239	26.6	0	0
Number of Workers	——	947	296	——	3	——	——	908	246	——	4	——	——	900	239	——	——	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	——	——
Total Hours	NA	42,615	13,320	31.3	135	0.3	NA	40,860	11,070	27.1	180	0.4	NA	40,500	10,755	26.6	0	0
Average Weekly Hours	45.0	——	——	——	——	——	45.0	——	——	——	——	——	45.0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	4,398	2,194	50.0	0	0	NA	4,443	1,465	33.0	0	0	NA	5,546	1,657	29.9	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	181,037	91,404	50.5	0	0	NA	186,685	59,430	31.8	0	0	NA	311,244	89,281	28.7	0	0
Average Weekly Hours	45.0	——	——	——	——	——	41.7	——	——	——	——	——	55.6	——	——	——	——	——
Cessna, Wichita																		
Total Number of Workers	NA	1,069	821	76.8	387	36.2	NA	1,148	875	76.2	408	35.5	NA	1,239	948	76.5	441	35.6
Number of Workers	——	1,069	821	——	387	——	——	1,148	875	——	408	——	——	1,239	948	——	441	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	48,105	36,945	76.8	17,415	36.2	NA	51,660	39,375	76.2	18,360	35.5	NA	55,755	42,660	76.5	19,845	35.6
Average Weekly Hours	45.4	——	——	——	——	——	45.0	——	——	——	——	——	45.0	——	——	——	——	——
Chance-Vought, Stratford																		
Total Number of Workers	NA	2,675	969	36.2	5	0.2	NA	2,731	935	34.2	0	0	NA	3,465	1,196	34.5	0	0
Number of Workers	——	2,424	815	——	5	——	——	2,731	935	——	——	——	——	3,403	1,196	——	——	——
Hours per Day	——	10	10	——	6.5	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5.8	5.8	——	6	——	——	6.8	6.8	——	——	——	——	5	5	——	——	——
Number of Workers	——	251	154	——	——	——	——	——	——	——	——	——	——	62	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	——	——	——	——	——	——	8	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	152,640	54,662	35.8	195	0.1	NA	185,708	63,580	34.2	0	0	NA	172,630	59,800	34.6	0	0
Average Weekly Hours	48.6	——	——	——	——	——	51.4	——	——	——	——	——	56.3	——	——	——	——	——
Columbia, Kansas City																		
Total Number of Workers	NA	32	0	0	0	0	NA	13	0	0	0	0	NA	31	0	0	0	0
Number of Workers	——	32	——	——	——	——	——	13	——	——	——	——	——	31	0	0	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	0	0	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	0	0	——	——
Total Hours	NA	1,280	0	0	0	0	NA	520	0	0	0	0	NA	1,240	0	0	0	0
Average Weekly Hours	40.9	——	——	——	——	——	41.0	——	——	——	——	——	40.9	——	——	——	——	——
Consol.-Vultee, Downey																		
Total Number of Workers	NA	2,433	1,559	64.1	85	3.5	NA	2,433	1,587	65.2	85	3.5	NA	2,831	1,811	64.0	40	1.4
Number of Workers	——	2,433	1,559	——	85	——	——	2,433	1,587	——	85	——	——	2,431	1,489	——	38	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	400	322	——	2	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	12	12	——	8.5	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6.66	6.66	——	6.94	——
Total Hours	NA	97,320	62,360	64.1	2,763	2.8	NA	97,320	63,480	65.2	2,763	2.8	NA	129,908	85,294	65.0	1,353	1.0
Average Weekly Hours	44.1	——	——	——	——	——	38.1	——	——	——	——	——	47.8	——	——	——	——	——
Consol.-Vultee, Nashville																		
Total Number of Workers	NA	852	377	44.2	0	0	NA	954	437	45.8	0	0	NA	1,676	710	42.4	31	1.8
Number of Workers	——	852	377	——	——	——	——	954	437	——	——	——	——	1,386	557	——	31	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	8	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	5	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	290	153	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	5.8	5.8	——	——	——
Total Hours	NA	34,080	15,080	44.2	0	0	NA	38,160	17,480	45.8	0	0	NA	72,260	31,154	43.1	1,240	1.7
Average Weekly Hours	45.0	——	——	——	——	——	46.4	——	——	——	——	——	49.1	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consol.-Vultee, San Diego																		
Total Number of Workers	NA	9,551	5,933	62.1	0	0	NA	11,006	7,587	68.9	0	0	NA	13,075	8,954	68.5	0	0
Number of Workers	——	9,551	5,933	——	——	——	——	11,006	7,587	——	——	——	——	13,075	8,954	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	477,550	296,650	62.1	0	0	NA	550,300	379,350	68.9	0	0	NA	653,750	447,700	68.5	0	0
Average Weekly Hours	41.1	——	——	——	——	——	41.6	——	——	——	——	——	41.3	——	——	——	——	——
Consol.-Vultee, Wayne																		
Total Number of Workers	NA	259	14	5.4	4	1.5	NA	262	45	17.2	2	0.8	NA	247	12	4.9	0	0
Number of Workers	——	259	14	——	4	——	——	262	45	——	2	——	——	247	12	——	——	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	——	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	——	——
Total Hours	NA	10,360	560	5.4	160	1.5	NA	10,480	1,800	17.2	80	0.8	NA	9,880	480	4.9	0	0
Average Weekly Hours	39.8	——	——	——	——	——	36.2	——	——	——	——	——	40.0	——	——	——	——	——
Culver, Wichita																		
Total Number of Workers	NA	149	33	22.1	0	0	NA	131	0	0	0	0	NA	156	0	0	0	0
Number of Workers	——	149	33	——	——	——	——	[2]	——	——	——	——	——	156	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	[2]	——	——	——	——	——	8	——	——	——	——
Days per Week	——	6	6	——	——	——	——	[2]	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	7,152	1,584	22.1	0	0	NA	6,225	0	0	0	0	NA	7,176[4]	0	0	0	0
Average Weekly Hours	48.0	——	——	——	——	——	47.0	——	——	——	——	——	46.0	——	——	——	——	——
Curtiss, Buffalo																		
Total Number of Workers	NA	6,223	3,874	62.3	1,668	26 8	NA	6,698	4,013	59.9	1,723	25.7	NA	6,997	4,213	60.2	1,692	24.2
Number of Workers	——	3,455	2,028	——	932	——	——	6,698	4,013	——	1,723	——	——	6,997	4,213	——	1,692	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2,768	1,846	——	736	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	6.5	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	271,064	169,728	62.6	58,994	21.8	NA	321,504	192,624	59.9	67,197	20.9	NA	335,856	202,224	60.2	65,988	19.6
Average Weekly Hours	42.6	——	——	——	——	——	45.2	——	——	——	——	——	45.1	——	——	——	——	——
Curtiss, Columbus																		
Total Number of Workers	NA	1,095	252	23.0	44	4.0	NA	1,048	246	23.5	69	6.6	NA	1,204	337	28.0	57	4.7
Number of Workers	——	1,095	252	——	44	——	——	1,048	246	——	69	——	——	1,204	337	——	57	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	52,560	12,096	23 0	2,112	4.0	NA	50,304	11,808	23.5	3,312	6.6	NA	57,792	16,176	28.0	2,736	4.7
Average Weekly Hours	49.8	——	——	——	——	——	46.5	——	——	——	——	——	48.4	——	——	——	——	——
Curtiss, St. Louis																		
Total Number of Workers	NA	1,963	686	34 9	320	16.3	NA	2,236	849	38.0	413	18.5	NA	2,352	1,015	43.2	479	20.4
Number of Workers	——	1,963	686	——	320	——	——	1,842	847	——	413	——	——	1,771	1,008	——	479	——
Hours per Day	——	8	8	——	6.75	——	——	8	8	——	6.75	——	——	8	8	——	6.75	——
Days per Week	——	5	5	——	5	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	227	1	——	——	——	——	581	7	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	5.5	5.5	——	——	——	——	5	5	——	——	——
Number of Hours	——	——	——	——	——	——	——	167	1	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	78,520	27,440	34 9	10,600	13 8	NA	105,084	40,740	38 8	16,727	15.9	NA	108,348	46,564	43 0	19,400	17.9
Average Weekly Hours	45.3	——	——	——	——	——	47.3	——	——	——	——	——	46 6	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consol.-Vultee, San Diego																		
Total Number of Workers	NA	13,863	9,807	70.7	0	0	NA	11,878	8,969	75 5	0	0	NA	13,861	10,496	75.7	0	0
Number of Workers	——	13,863	9,807	——	——	——	——	11,878	8,969	——	——	——	——	1,932	1,948	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	4	4	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	10,952	7,766	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	4 89	4.89	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	508	346	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	5.78	5.78	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	469	448	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6.66	6.66	——	——	——
Total Hours	NA	693,150	490,350	70.7	0	0	NA	534,510	403,605	75.5	0	0	NA	605,038[5]	456,402[5]	75.3	0	0
Average Weekly Hours	40.5	——	——	——	——	——	45.7	——	——	——	——	——	40 1	——	——	——	——	——
Consol.-Vultee, Wayne																		
Total Number of Workers	NA	235	14	6.0	0	0	NA	198	13	6 6	0	0	NA	NR	NR	——	NR	——
Number of Workers	——	235	14	——	——	——	——	198	13	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	9,400	560	6.0	0	0	NA	7,920	520	6.6	0	0	NA	NR	NR	——	NR	0
Average Weekly Hours	38.5	——	——	——	——	——	42.8	——	——	——	——	——	47.2	——	——	——	——	——
Culver, Wichita																		
Total Number of Workers	NA	149	0	0	0	0	NA	154	0	0	0	0	NA..	184	0	0	0	0
Number of Workers	——	149	——	——	——	——	——	154	——	——	——	——	——	184	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	5,960	0	0	0	0	NA	6,160	0	0	0	0	NA	7,360	0	0	0	0
Average Weekly Hours	40.0	——	——	——	——	——	40.0	——	——	——	——	——	40.0	——	——	——	——	——
Curtiss, Buffalo																		
Total Number of Workers	NA	7,000	4,296	61.4	1,698	24.3	NA	6,967	4,233	60.8	1,745	25.0	NA	7,078	4,452	62.9	1,592	22 5
Number of Workers	——	7,000	4,296	——	1,698	——	——	6,967	4,233	——	1,745	——	——	7,078	4,452	——	1,592	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	5	5	——	5	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	336,000	206,208	61.4	66,222	19 7	NA	278,680	169,320	60.8	56,713	20.4	NA	339,744	213,696	62 9	62,088	18 3
Average Weekly Hours	45.0	——	——	——	——	——	37.6	——	——	——	——	——	46.5	——	——	——	——	——
Curtiss, Columbus																		
Total Number of Workers	NA	1,338	473	35.4	52	3.9	NA	1,488	504	33.9	33	2.2	NA	1,734	589	34 0	51	2.9
Number of Workers	——	1,338	473	——	52	——	——	1,488	504	——	33	——	——	1,734	589	——	51	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	64,224	22,704	35.4	2,496	3.9	NA	71,424	24,192	33.9	1,584	2 2	NA	83,232	28,372	34.0	2,448	2 9
Average Weekly Hours	47.0	——	——	——	——	——	38.7	——	——	——	——	——	48 0	——	——	——	——	——
Curtiss, St. Louis																		
Total Number of Workers	NA	2,677	1,237	46 2	636	23.8	NA	3,249	1,534	47 2	890	27 4	NA	3,163	1,776	56 1	1,066	33 7
Number of Workers	——	2,677	1,237	——	636	——	——	3,249	1,534	——	890	——	——	3,163	1,776	——	1,066	——
Hours per Day	——	8	8	——	6.75	——	——	8	8	——	6 75	——	——	8	8	——	6 75	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	128,496	59,275	46 2	25,758	20 0	NA	155,952	73,632	47 2	36,045	23 1	NA	151,824	83,348	56 1	43,173	28 4
Average Weekly Hours	47.5	——	——	——	——	——	40 2	——	——	——	——	——	47	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY Actual All Shifts	JULY Actual First Shift	JULY Scheduled Second Shift Number	JULY Scheduled Second Shift % of First	JULY Scheduled Third Shift Number	JULY Scheduled Third Shift % of First	AUGUST Actual All Shifts	AUGUST Actual First Shift	AUGUST Scheduled Second Shift Number	AUGUST Scheduled Second Shift % of First	AUGUST Scheduled Third Shift Number	AUGUST Scheduled Third Shift % of First
Howard, Chicago												
Total Number of Workers	NA	90	0	0	0	0	NA	109	0	0	0	0
Number of Workers	———	90	———	———	———	———	———	109	———	———	———	———
Hours per Day	———	8	———	———	———	———	———	8	———	———	———	———
Days per Week	———	5 5	———	———	———	———	———	5 5	———	———	———	———
Total Hours	NA	3,960	0	0	0	0	NA	4,796	0	0	0	0
Average Weekly Hours	44 0	———	———	———	———	———	45 0	———	———	———	———	———
Kellett Autogiro, Philadelphia												
Total Number of Workers	NA	352	99	28 1	0	0	NA	410	124	30 2	0	0
Number of Workers	———	352	99	———	———	———	———	410	124	———	———	———
Hours per Day	———	10	10	———	———	———	———	9	9	———	———	———
Days per Week	———	5	5	———	———	———	———	5	5	———	———	———
Total Hours	NA	17,600	4,950	28 1	0	0	NA	18,450	5,580	30 2	0	0
Average Weekly Hours	50 0	———	———	———	———	———	45 0	———	———	———	———	———
Lockheed, Burbank, "B"												
Total Number of Workers	NA	9,143	7,384	80 8	2,753	30.1	NA	10,740	8,515	79.3	3,169	29 5
Number of Workers	———	9,143	7,384	———	2,753	———	———	10,740	8,515	———	3,169	———
Hours per Day	———	8	8	———	6.5	———	———	8	8	———	6.5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	438,864	354,432	80.8	107,367	24.5	NA	515,520	408,720	79.3	123,591	24.0
Average Weekly Hours	47 5	———	———	———	———	———	44.3	———	———	———	———	———
Lockheed, Burbank, "A (Vega)												
Total Number of Workers	NA	1,956	1,234	63 1	296	15 1	NA	2,276	1,475	64.8	394	17.3
Number of Workers	———	1,956	1,234	———	296	———	———	2,276	1,475	———	394	———
Hours per Day	———	8	8	———	6 5	———	———	8	8	———	6.5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	93,888	59,232	63 1	11,544	12.3	NA	109,248	70,800	64.8	15,366	14.1
Average Weekly Hours	44 6	———	———	———	———	———	45 0	———	———	———	———	———
Martin, Baltimore												
Total Number of Workers	NA	10,697	3,553	33 2	3,011	28.1	NA	11,090	5,308	47 9	3,003	27.1
Number of Workers	———	———	1,471	———	1,609	———	———	1,506	1,290	———	1,004	———
Hours per Day	———	———	7 25	———	7 25	———	———	8	7.25	———	7 25	———
Days per Week	———	———	5	———	5	———	———	5	5	———	5	———
Number of Workers	———	———	2,007	———	1,370	———	———	7,559	2,220	———	1,013	———
Hours per Day	———	———	7 25	———	7 25	———	———	8	7 25	———	7 25	———
Days per Week	———	———	6	———	6	———	———	6	6	———	6	———
Number of Workers	———	———	75	———	32	———	———	2,025	1,798	———	986	———
Hours per Day	———	———	7 25	———	7 25	———	———	8	7 25	———	7 25	———
Days per Week	———	———	7	———	7	———	———	7	7	———	7	———
Total Hours	NA	500,072	144,435	28 9	119,545	23 9	NA	536,472	234,581	43 7	130,500	24 3
Average Weekly Hours	45 0	———	———	———	———	———	46 5	———	———	———	———	———
Naval, Philadelphia[1]												
Total Number of Workers	NA	886	103	11 6	41	4 6	NA	788	102	12 9	37	4.7
Number of Workers	———	886	103	———	41	———	———	788	102	———	37	———
Hours per Day	———	8	8	———	8	———	———	8	8	———	8	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	42,528	4,944	11 6	1,968	4 6	NA	37,824	4,896	12 9	1,776	4.7
Average Weekly Hours	43 5	———	———	———	———	———	41 8	———	———	———	———	———
North American, Dallas												
Total Number of Workers	NA	1,372	365	28 7	0	0	NA	1,561	563	36 1	0	0
Number of Workers	———	1,262	365	———	———	———	———	1,232	351	———	———	———
Hours per Day	———	8	8	———	———	———	———	8	8	———	———	———
Days per Week	———	5	5	———	———	———	—	5	5	———	———	———
Number of Workers	———	10	———	———	———	———	— —	256	212	———	———	———
Hours per Day	———	11 5	———	———	———	———	—	9	9	———	———	———
Days per Week	———	5 7	———	———	———	———	— —	5 75	5 75	———	———	———
Number of Workers	———	———	———	———	———	———	—	73	—	———	———	———
Hours per Day	———	———	———	———	———	———	—	10	—	———	———	———
Days per Week	———	———	———	———	———	———	—	5 75	—	———	———	———
Total Hours	NA	51,138	14,600	28 6	0	0	NA	66,726	25,011	37 5	0	0
Average Weekly Hours	42 3	———	———	———	———	———	45 6	———	———	———	———	———

FACILITY	SEPTEMBER Actual All Shifts	SEPTEMBER Actual First Shift	SEPTEMBER Scheduled Second Shift Number	SEPTEMBER Scheduled Second Shift % of First	SEPTEMBER Scheduled Third Shift Number	SEPTEMBER Scheduled Third Shift % of First	OCTOBER Actual All Shifts	OCTOBER Actual First Shift	OCTOBER Scheduled Second Shift Number	OCTOBER Scheduled Second Shift % of First	OCTOBER Scheduled Third Shift Number	OCTOBER Scheduled Third Shift % of First
Howard, Chicago												
Total Number of Workers	NA	105	0	0	0	0	NA	106	0	0	0	0
Number of Workers	———	105	———	———	———	———	———	106	———	———	———	———
Hours per Day	———	8	———	———	———	———	———	8	———	———	———	———
Days per Week	———	5	———	———	———	———	———	5	———	———	———	———
Total Hours	NA	4,200	0	0	0	0	NA	4,240	0	0	0	0
Average Weekly Hours	44 0	———	———	———	———	———	40 0	———	———	———	———	———
Kellett Autogiro, Philadelphia												
Total Number of Workers	NA	416	150	36 1	0	0	NA	587	27	4.6	14	2 4
Number of Workers	———	416	150	———	———	———	———	587	27	———	14	———
Hours per Day	———	9	9	———	———	———	———	9	7 5	———	7	———
Days per Week	———	5	5	———	———	———	———	5	5	———	5	———
Total Hours	NA	18,720	6,750	36 1	0	0	NA	26,415	1,013	3 8	490	1 9
Average Weekly Hours	45 0	———	———	———	———	———	44 0	———	———	———	———	———
Lockheed, Burbank, "B"												
Total Number of Workers	NA	11,377	9,060	79 6	3,574	31.4	NA	12,127	9,776	80 6	4,301	35 5
Number of Workers	———	11,377	9,060	———	3,574	———	———	12,127	9,776	———	4,301	———
Hours per Day	———	8	8	———	6.5	———	———	8	8	———	6.5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	546,096	434,880	79.6	139,386	25.5	NA	582,096	469,248	80.6	167,739	28.8
Average Weekly Hours	44.4	———	———	———	———	———	43.8	———	———	———	———	———
Lockheed, Burbank, "A (Vega)												
Total Number of Workers	NA	2,803	1,920	68 5	441	15.7	NA	3,488	2,529	72.5	612	17.5
Number of Workers	———	2,803	1,920	———	441	———	———	3,488	2,529	———	612	———
Hours per Day	———	8	8	———	6.5	———	———	8	8	———	6 5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	134,544	92,160	68.5	17,199	12.8	NA	167,424	121,392	72.5	23,868	14.3
Average Weekly Hours	45.4	———	———	———	———	———	45.5	———	———	———	———	———
Martin, Baltimore												
Total Number of Workers	NA	11,153	5,653	50.7	3,267	29.3	NA	11,905	5,961	50.1	3,424	28 8
Number of Workers	———	935	926	———	900	———	———	980	965	———	950	———
Hours per Day	———	8	7.25	———	7.25	———	———	8	7.25	———	7.25	———
Days per Week	———	5	5	———	5	———	———	5	5	———	5	———
Number of Workers	———	7,555	3,500	———	2,205	———	———	8,025	3,722	———	2,300	———
Hours per Day	———	8	7 25	———	7.25	———	———	8	7.25	———	7 25	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Number of Workers	———	2,663	1,227	———	162	———	———	2,900	1,274	———	174	———
Hours per Day	———	8	7 25	———	7.25	———	———	8	7.25	———	7 25	———
Days per Week	———	7	7	———	7	———	———	7	7	———	7	———
Total Hours	NA	549,168	248,088	45 2	136,764	24.9	NA	586,800	261,544	44 6	143,318	24 4
Average Weekly Hours	44 0	———	———	———	———	———	45 0	———	———	———	———	———
Naval, Philadelphia[1]												
Total Number of Workers	NA	733	92	12.6	31	4.2	NA	744	97	13 0	34	4 6
Number of Workers	———	733	92	———	31	———	———	744	97	———	34	———
Hours per Day	———	8	8	———	8	———	———	8	8	———	8	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	35,184	4,416	12 6	1,488	4 2	NA	35,712	4,656	13.0	1,632	4 6
Average Weekly Hours	41.9	———	———	———	———	———	42 4	———	———	———	———	———
North American, Dallas												
Total Number of Workers	NA	1,871	943	50.4	0	0	NA	2,354	1,227	52 1	0	0
Number of Workers	———	1,530	943	———	———	———	———	———	———	———	———	———
Hours per Day	———	8	8	———	———	———	———	———	———	———	———	———
Days per Week	———	5	5	———	———	———	———	———	———	———	———	———
Number of Workers	———	341	—	———	———	———	———	———	———	———	———	———
Hours per Day	———	8	—	———	———	———	———	———	———	———	———	———
Days per Week	———	5 75	—	———	———	———	———	———	———	———	———	———
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Total Hours	NA	76,886	37,720	49 1	0	0	NA	112,238	61,030	54 4	0	0
Average Weekly Hours	39 2	———	———	———	———	———	46 3	———	———	———	———	———

FACILITY	NOVEMBER Actual All Shifts	NOVEMBER Actual First Shift	NOVEMBER Scheduled Second Shift Number	NOVEMBER Scheduled Second Shift % of First	NOVEMBER Scheduled Third Shift Number	NOVEMBER Scheduled Third Shift % of First	DECEMBER Actual All Shifts	DECEMBER Actual First Shift	DECEMBER Scheduled Second Shift Number	DECEMBER Scheduled Second Shift % of First	DECEMBER Scheduled Third Shift Number	DECEMBER Scheduled Third Shift % of First
Howard, Chicago												
Total Number of Workers	NA	107	0	0	0	0	NA	120	0	0	0	0
Number of Workers	— —	107	— —	— —	— —	— —	— —	120	— —	— —	— —	— —
Hours per Day	— —	8	— —	— —	— —	— —	— —	8	— —	— —	— —	— —
Days per Week	— —	5	— —	— —	— —	— —	— —	6	— —	— —	— —	— —
Total Hours	NA	4,280	0	0	0	0	NA	5,760	0	0	0	0
Average Weekly Hours	49 3	— —	— —	— —	— —	— —	45 6	— —	— —	— —	— —	— —
Kellett Autogiro, Philadelphia												
Total Number of Workers	NA	418	127	30 4	33	7 9	NA	403	136	33 7	62	15 4
Number of Workers	———	418	127	———	33	———	———	403	136	———	62	———
Hours per Day	———	8	7 5	———	7	———	———	8	7 5	———	7	———
Days per Week	———	6	6	———	6	———	———	5 5	6	———	6	———
Total Hours	NA	20,064	5,715	28 5	1,386	6 9	NA	17,732	6,120	34 5	2,604	14 7
Average Weekly Hours	NR	———	———	———	———	———	46 0	———	———	———	———	———
Lockheed, Burbank, "B"												
Total Number of Workers	NA	12,521	10,171	81 2	4,705	37 6	NA	14,043	11,374	81 0	2,891	20 6
Number of Workers	———	12,521	10,171	———	4,705	———	———	14,043	11,374	———	2,891	———
Hours per Day	———	8	8	———	6.5	———	———	8	8	———	6 5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	601,008	488,208	81.2	183,495	30 5	NA	674,064	545,952	81.0	112,749	16 7
Average Weekly Hours	43.0	———	———	———	———	———	45 6	———	———	———	———	———
Lockheed, Burbank, "A (Vega)												
Total Number of Workers	NA	4,088	3,073	75.2	867	21 2	NA	5,184	3,926	75 7	1,403	27 1
Number of Workers	———	4,088	3,073	———	867	———	———	5,184	3,926	———	1,403	———
Hours per Day	———	8	8	———	6 5	———	———	8	8	———	6 5	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	196,224	147,504	75 2	33,813	17 2	NA	248,832	188,448	75 7	54,717	22 0
Average Weekly Hours	45 0	———	———	———	———	———	46 7	———	———	———	———	———
Martin, Baltimore												
Total Number of Workers	NA	12,008	6,405	53 3	4,152	34 6	NA	11,757	6,735	57.3	4,392	37 4
Number of Workers	———	1,194	1,202	———	1,225	———	———	2,178	1,508	———	885	———
Hours per Day	———	8	7 25	———	7 25	———	———	8	7 25	———	7 25	———
Days per Week	———	5	5	———	5	———	———	5	5	———	5	———
Number of Workers	———	8,153	3,549	———	2,336	———	———	8,097	4,515	———	2,948	———
Hours per Day	———	8	7 25	———	7 25	———	———	8	7 25	———	7 25	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Number of Workers	———	2,661	1,654	— —	591	———	———	1,452	712	———	559	———
Hours per Day	———	8	7 25	———	7 25	———	———	8	7 25	———	7 25	———
Days per Week	———	7	7	———	7	———	———	7	7	———	7	———
Total Hours	NA	588,120	281,895	47 9	176,016	29 9	NA	558,768	287,202	51 4	188,589	33 8
Average Weekly Hours	44 3	———	———	———	———	———	47 1	———	———	———	———	———
Naval, Philadelphia[1]												
Total Number of Workers	NA	838	120	14 3	40	4 8	NA	1,166	151	13.0	55	4 7
Number of Workers	———	838	120	———	40	———	———	1,166	151	———	55	———
Hours per Day	———	8	8	———	8	———	———	8	7 75	———	7 75	———
Days per Week	———	6	6	———	6	———	———	6	6	———	6	———
Total Hours	NA	40,224	5,760	14 3	1,920	4 8	NA	55,968	7,022	12 5	2,558	4 6
Average Weekly Hours	46 1	———	———	———	———	———	47 0	———	———	———	———	———
North American, Dallas												
Total Number of Workers	NA	2,187	1,555	71 1	0	0	NA	2,856	1,936	67 8	3	0 1
Number of Workers	———	— —	— —	— —	———	———	— —	2,856	1,936	———	3	— —
Hours per Day	———	— —	— —	— —	———	———	— —	8	8	———	8	
Days per Week	———	— —	— —	— —	———	———	———	5	5	———	5	— —
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Number of Workers	———	———	———	———	———	———	———	———	———	———	———	———
Hours per Day	———	———	———	———	———	———	———	———	———	———	———	———
Days per Week	———	———	———	———	———	———	———	———	———	———	———	———
Total Hours	NA	108,376	78,260	72 2	0	0	NA	114,240	77,440	67 8	120	0 1
Average Weekly Hours	49 5	———	———	———	———	———	47 4	———	———	———	———	———

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, El Segundo																		
Total Number of Workers	NA	1,162	724	62 3	470	40 4	NA	1,154	707	61 3	442	38 3	NA	1,059	665	62.8	416	39 3
Number of Workers	——	967	654	——	449	——	——	880	633	——	417	——	——	854	621	——	412	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	195	70	——	21	——	——	274	74	——	25	——	——	205	44	——	4	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	48,040	29,520	61 4	16,597	34 5	NA	48,352	28,872	59.7	15,645	32 4	NA	44,000	26,952	61 3	14,588	33 2
Average Weekly Hours	40.0	——	——	——	——	——	40.0	——	——	——	——	——	40.8	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	NA	765	317	41.4	8	1.0	NA	1,170	550	47.0	14	1.2	NA	1,399	879	62.8	21	1.5
Number of Workers	——	544	292	——	2	——	——	652	422	——	6	——	——	615	473	——	4	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	221	25	——	6	——	——	518	128	——	8	——	——	784	406	——	17	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours	NA	34,952	15,016	43.0	294	0.8	NA	52,016	25,376	48.8	532	1.0	NA	60,880	38,944	64.0	763	1.3
Average Weekly Hours	45.1	——	——	——	——	——	44.5	——	——	——	——	——	42.3	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	NA	7,812	5,876	75.2	3,442	44.1	NA	7,639	5,653	74.0	3,342	43.7	NA	6,942	5,237	75.4	3,004	43.3
Number of Workers	——	4,557	3,251	——	1,883	——	——	2,643	1,751	——	583	——	——	1,573	823	——	175	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	3,255	2,625	——	1,559	——	——	4,996	3,902	——	2,759	——	——	5,369	4,414	——	2,775	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours	NA	348,936	261,048	74 8	133,651	38.3	NA	326,704	240,128	73.5	121,051	37.1	NA	290,264	216,064	74.4	104,475	36.0
Average Weekly Hours	43.0	——	——	——	——	——	41.2	——	——	——	——	——	40.4	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	NA	952	569	59 8	96	10.1	NA	1,127	594	52.7	109	9.7	NA	1,241	658	53.0	158	12.7
Number of Workers	——	952	569	——	96	——	——	1,127	594	——	109	——	——	1,241	658	——	158	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	45,696	27,312	59 8	4,032	8 8	NA	54,096	28,512	52 7	4,578	8 5	NA	59,568	31,584	53.0	6,636	11.1
Average Weekly Hours	46.8	——	——	——	——	——	48 0	——	——	——	——	——	48.7	——	——	——	——	——
Fleetwings, Bristol																		
Total Number of Workers	NA	979	125	12 8	2	0 2	NA	1,000	152	15 2	4	0 4	NA	1,112	165	14 8	12	1.1
Number of Workers	——	——	——	——	2	——	——	——	——	——	4	——	——	——	——	——	12	——
Hours per Day	——	2	2	——	8	——	——	2	2	——	8	——	——	2	2	——	8	——
Days per Week	——	2	2	——	6	——	——	2	2	——	6	——	——	2	2	——	6	——
Total Hours	NA	49,148	6,336	12 9	96	0 2	NA	49,979	7,666	15.3	192	0.4	NA	56,089	8,285	14.8	576	1.0
Average Weekly Hours	50 8	——	——	——	——	——	51.6	——	——	——	——	——	50 4	——	——	——	——	——
Ford, Willow Run																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Grumman, Bethpage																		
Total Number of Workers	NA	3,616	385	10 6	0	0	NA	3,862	390	10 1	0	0	NA	4,062	390	9.6	0	0
Number of Workers	——	3,616	385	——	——	——	——	3,862	390	——	——	——	——	4,062	390	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	3	5	——	——	——	——	2	5	——	——	——	——	2	5	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	——	——	——	——
Days per Week	——	3	1	——	——	——	——	4	1	——	——	——	——	3	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	195,264	22,330	11 4	0	0	NA	200,824	22,620	——	0	0	NA	178,728	19,500	——	0	0
Average Weekly Hours	52 1	——	——	——	——	——	51 4	——	——	——	——	——	48 6	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, El Segundo																		
Total Number of Workers	NA	1,016	619	60.9	336	33 1	NA	1,046	609	58 2	275	26 3	NA	1,505	934	62 1	429	28 4
Number of Workers	——	911	597	——	336	——	——	826	520	——	275	——	——	1,470	899	——	31	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	8	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	6	6	——	6	——
Number of Workers	——	105	22	——	——	——	——	220	89	——	——	——	——	35	35	——	397	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	9	9	——	7	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——
Total Hours	NA	41,480	24,936	60 1	11,760	28 4	NA	43,600	25,072	57 5	9,625	22 1	NA	72,450	45,042	62 2	18,162	25 1
Average Weekly Hours	41.5	——	——	——	——	——	40 3	——	——	——	——	——	47 4	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	NA	2,266	1,377	60 8	51	2 3	NA	2,656	1,829	68.9	44	1 7	NA	3,845	2,710	70 5	157	4.1
Number of Workers	——	925	630	——	6	——	——	903	682	——	44	——	——	3,845	2,710	——	157	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	5	——	——	6	6	——	6	——
Number of Workers	——	1,341	747	——	45	——	——	1,753	1,147	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	5	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	98,040	60,120	61.3	1,827	1.9	NA	113,464	78,616	69.3	1,540	1 4	NA	184,560	130,080	70 5	6,594	3.6
Average Weekly Hours	45.0	——	——	——	——	——	41.0	——	——	——	——	——	47 0	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	NA	6,661	5,042	75.7	2,791	41.9	NA	6,714	5,011	74.6	2,802	41 7	NA	7,968	5,965	74.9	3,420	42 9
Number of Workers	——	1,907	1,142	——	2,791	——	——	3,227	2,113	——	2,802	——	——	7,968	5,965	——	3,420	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	5	——	——	6	6	——	5	——	——	6	6	——	6	——
Number of Workers	——	4,754	3,900	——	——	——	——	3,487	2,898	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	281,696	210,816	74 8	97,685	34.7	NA	294,376	217,344	73 8	98,070	33 3	NA	382,464	286,320	74 9	143,640	37 6
Average Weekly Hours	40.2	——	——	——	——	——	41.3	——	——	——	——	——	46 9	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	NA	1,350	750	55.6	247	18.3	NA	1,454	804	55 3	332	22.8	NA	1,747	1,006	57 6	456	26 1
Number of Workers	——	1,350	750	——	247	——	——	1,454	804	——	332	——	——	1,747	1,006	——	456	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	64,800	36,000	55 6	10,374	16.0	NA	69,792	38,592	55 3	13,944	20 0	NA	83,856	48,288	57 6	19,152	22 8
Average Weekly Hours	48.0	——	——	——	——	——	41 0	——	——	——	——	——	49 2	——	——	——	——	——
Fleetwings, Bristol																		
Total Number of Workers	NA	1,215	128	10 5	11	0 9	NA	1,154	153	13 3	11	1 0	NA	1,268	217	17 1	17	1 3
Number of Workers	——	——	——	——	——	——	——	——	——	——	11	——	——	——	——	——	17	——
Hours per Day	——	2	2	——	8	——	——	2	2	——	8	——	——	2	2	——	8	——
Days per Week	——	2	2	——	5 9	——	——	2	2	——	6	——	——	2	2	——	6 9	——
Total Hours	NA	60,957	4,922	8 1	520	0.9	NA	58,042	7,525	13 0	528	0.9	NA	70,292	12,644	18 0	944	1 3
Average Weekly Hours	NA	——	——	——	——	——	50.0	——	——	——	——	——	NA	——	——	——	——	——
Ford, Willow Run																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	NA	30	12	40 0	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	30	12	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	NA	1,800	720	40 0	0	0
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	42 0	——	——	——	——	——
Grumman, Bethpage																		
Total Number of Workers	NA	4,600	152	3 3	0	0	NA	4,799	237	4 9	0	0	NA	5,253	633	12 1	0	0
Number of Workers	——	4,600	152	——	——	——	——	4,799	237	——	——	——	——	5,253	633	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	3	5	——	——	——	——	1	5	——	——	——	——	5	7	——	——	——
Hours per Day	——	8 5	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	2	——	——	——	——	——	4	——	——	——	——	——	2	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	9 5	——	——	——	——	——	——	——	——	——	——
Days per Week	——	1	——	——	——	——	——	1	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	253,000	7,600	3 0	0	0	NA	247,149	11,850	4 8	0	0	NA	346,698	44,310	12 8	0	0
Average Weekly Hours	51 3	——	——	——	——	——	49 6	——	——	——	——	——	56 4	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Scheduled — Second Shift % of First	Scheduled — Third Shift Number	Scheduled — Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Scheduled — Second Shift Number	Scheduled — Second Shift % of First	Scheduled — Third Shift Number	Scheduled — Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Scheduled — Second Shift Number	Scheduled — Second Shift % of First	Scheduled — Third Shift Number	Scheduled — Third Shift % of First
North American, Inglewood																		
Total Number of Workers	NA	4,710	3,140	66 7	0	0	NA	4,735	3,155	66 6	0	0	NA	4,986	3,234	64 9	0	0
Number of Workers	——	750	500	——	——	——	——	837	558	——	——	——	——	896	564	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 6	5 6	——	——	——	——	5 6	5 6	——	——	——	——	5.6	5 6	——	——	——
Number of Workers	——	3,960	2,640	——	——	——	——	774	515	——	——	——	——	750	501	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	3,124	2,082	——	——	——	——	3,340	2,169	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	220,200	146,800	66 7	0	0	NA	206,662	137,703	66.6	0	0	NA	217,526	140,889	64.8	0	0
Average Weekly Hours	46.6	——	——	——	——	——	43 5	——	——	——	——	——	44.4	——	——	——	——	——
North American, Kansas City																		
Total Number of Workers	——	——	——	——	——	——	NA	40	0	0	0	0	NA	75	0	0	0	0
Number of Workers	——	——	——	——	——	——	——	40	——	——	——	——	——	75	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	——	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	NA	1,600	0	0	0	0	NA	3,000	0	0	0	0
Total Hours	——	——	——	——	——	——	40.0	——	——	——	——	——	40.0	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——												
Northrop, Hawthorne																		
Total Number of Workers	NA	1,006	582	57 9	0	0	NA	1,030	654	63.5	0	0	NA	1,266	749	59.2	0	0
Number of Workers	——	188	103	——	——	——	——	231	78	——	——	——	——	89	28	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	6	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	670	425	——	——	——	——	616	471	——	——	——	——	1,177	721	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	11	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	148	54	——	——	——	——	183	105	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——
Total Hours	NA	49,900	28,610	57 3	0	0	NA	51,020	34,545	67.7	0	0	NA	62,410	37,170	59 6	0	0
Average Weekly Hours	47.9	——	——	——	——	——	47.6	——	——	——	——	——	49.4	——	——	——	——	——
Piper, Lockhaven																		
Total Number of Workers	NA	510	231	45 3	26	5 1	NA	490	211	43.1	26	5.3	NA	495	224	45 3	0	0
Number of Workers	——	510	231	——	26	——	——	490	211	——	26	——	——	495	224	——	——	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	—	—	—
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	——	——
Hours per Day	——	——	——	——	7 5	——	——	——	——	——	7 5	——	——	——	——	——	——	——
Days per Week	——	——	——	——	1	——	——	——	——	——	1	——	——	——	——	——	——	——
Total Hours	NA	20,400	9,240	45 3	1,040	5 1	NA	19,600	8,440	43 1	1,040	5 3	NA	19,800	8,960	45 3	0	0
Average Weekly Hours	40 0	——	——	——	——	——	40.0	——	——	——	——	——	40 0	——	——	——	——	——
Republic, Farmingdale																		
Total Number of Workers	NA	1,471	260	17 7	0	0	NA	1,745	309	17 7	0	0	NA	2,006	225	11 2	0	0
Number of Workers	——	——	——	——	——	——	——	1,390	114	——	——	——	——	483	131	——	——	——
Hours per Day	——	—	—	—	—	—	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	—	—	—	—	—	——	7	7	——	——	——	——	7	7	——	——	——
Number of Workers	——	——	—	—	—	—	——	347	192	——	——	——	——	1,179	94	——	——	——
Hours per Day	——	——	—	—	—	—	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	—	—	—	—	—	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	—	—	—	—	——	344	——	——	——	——	——	344	——	——	——	——
Hours per Day	——	—	—	—	—	—	——	8	3	——	——	——	——	10	——	——	——	——
Days per Week	——	—	—	—	—	—	——	5	5	——	——	——	——	5	——	——	——	——
Total Hours	NA	79,570	14,534	18 3	0	0	NA	118,520	19,650	16 6	0	0	NA	121,750	14,810	12 2	0	0
Average Weekly Hours	53 0	——	——	——	——	——	55 4	——	——	——	——	——	55.1	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
North American, Inglewood																		
Total Number of Workers	NA	5,464	3,627	66 4	10	0 2	NA	5,931	3,954	66 7	85	1 4	NA	6,958	5,034	72 3	68	1 0
Number of Workers	——	898	583	——	10	——	——	877	584	——	85	——	——	——	——	——	68	——
Hours per Day	——	10	10	——	6 5	——	——	10	10	——	6 5	——	——	——	——	—	6 5	——
Days per Week	——	5 6	5 6	——	5	——	——	5 6	5 6	——	5	——	——	——	——	—	5	——
Number of Workers	——	1,018	679	——	——	——	——	1,168	778	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	——	——	—	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	——	——	—	——	——
Number of Workers	——	2,938	1,958	——	——	——	——	3,356	2,238	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Number of Workers	——	610	407	——	——	——	——	530	354	——	——	——	——	——	——	—	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	NA	257,798	170,988	66 3	33	.0	NA	279,732	186,474	66 7	2,763	1 0	NA	330,276	239,059	72 4	2,210	0 7
Average Weekly Hours	47.0	——	——	——	——	——	47.0	——	——	——	——	——	46 0	——	——	——	——	——
North American, Kansas City																		
Total Number of Workers	NA	123	19	15 4	0	0	NA	240	20	8 3	0	0	NA	583	50	8 6	0	0
Number of Workers	——	31	19	——	——	——	——	134	20	——	——	——	——	38	50	——	——	——
Hours per Day	——	8	9	——	——	——	——	8	9	——	——	——	——	8	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5 5	——	——	——
Number of Workers	——	92	——	——	——	——	——	106	——	——	——	——	——	57	——	——	——	——
Hours per Day	——	9	——	——	——	——	——	9	——	——	——	——	——	9	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	206	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	10	——	—	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	5	——	—	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	282	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	10	——	——	——	——
Days per Week	NA	5,380	855	15 9	0	0	NA	10,130	900	8 9	0	0	——	5 5	——	——	——	——
Total Hours	43 7	——	——	——	——	——	42 4	——	——	——	——	——	NA	29,895	2,750	9 2	0	0
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	53 2	——	——	——	——	——
Northrop, Hawthorne																		
Total Number of Workers	NA	1,366	786	57.5	0	0	NA	1,490	862	57.9	0	0	NA	1,691	1,032	61 0	386	22 8
Number of Workers	——	1,366	786	——	——	——	——	23	7	——	——	——	——	1,691	1,032	——	386	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	6	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	7	7	——	7	——
Number of Workers	——	——	——	——	——	——	——	1,467	855	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——	——	——	——	—	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	——	——	—	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	54,640	31,440	57.5	0	0	NA	74,270	43,030	57 9	0	0	NA	94,696	57,792	61 0	16,212	17 1
Average Weekly Hours	47 5	——	——	——	——	——	49.3	——	——	——	——	——	53 3	——	——	——	——	——
Piper, Lockhaven																		
Total Number of Workers	NA	561	148	26 4	0	0	NA	457	237	51 9	0	0	NA	601	237	39 4	0	0
Number of Workers	——	561	148	——	——	——	——	457	237	—	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	—	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	—	——	——	——	5	5	—	—	—
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	—	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	—	——	——
Total Hours	NA	22,440	5,920	26 4	0	0	NA	18,280	9,480	51 9	0	0	NA	24,040	9,480	39 4	0	0
Average Weekly Hours	40 0	——	——	——	——	——	40 0	——	——	——	——	——	40 0	——	——	——	——	——
Republic, Farmingdale																		
Total Number of Workers	NA	2,080	212	10 2	0	0	NA	2,226	178	8 0	0	0	NA	2,988	262	8 8	161	5 4
Number of Workers	——	1,057	212	——	——	——	——	1,851	178	——	——	——	——	2,970	224	——	161	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	6 5	——
Days per Week	——	6	6	——	——	——	——	6	8	——	——	——	——	7	7	——	7	——
Number of Workers	——	470	——	——	——	——	——	27	——	——	——	——	——	18	38	——	——	——
Hours per Day	——	10	——	——	——	——	——	9	——	——	——	——	——	10	8	——	——	——
Days per Week	——	5	——	——	——	——	——	6	——	——	——	——	——	6	7	——	——	——
Number of Workers	——	553	——	——	——	——	——	348	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	109,040	12,720	11 7	0	0	NA	120,222	10,680	8 3	0	0	NA	208,980	17,808	8 5	7,326	3 5
Average Weekly Hours	52 5	——	——	——	——	——	50 8	——	——	——	——	——	68 6	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945. (CONTINUED)

JULY TO DECEMBER, 1941

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	NA	927	378	40 8	15	1 6	NA	1,028	390	37 9	18	1 8	NA	1,072	400	37.3	20	1.9
Number of Workers	——	754	327	——	15	——	——	777	337	——	18	——	——	824	351	——	20	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	173	51	——	——	——	——	251	53	——	——	——	——	248	49	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	46,572	18,756	40.3	585	1.3	NA	50,850	19,038	37.4	702	1 4	NA	52,944	19,494	36.8	780	1.5
Average Weekly Hours	48.0	——	——	——	——	——	48 0	——	——	——	——	——	48.0	——	——	——	——	——
St. Louis Aircraft, St. Louis																		
Total Number of Workers	NA	33	0	0	0	0	NA	34	0	0	0	0	NA	55	0	0	0	0
Number of Workers	——	33	——	——	——	——	——	34	——	——	——	——	——	55	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	1,320	0	0	0	0	NA	1,360	0	0	0	0	NA	2,200	0	0	0	0
Average Weekly Hours	40.0	——	——	——	——	——	40.0	——	——	——	——	——	40.0	——	——	——	——	——
Spartan, Tulsa																		
Total Number of Workers	NA	286	102	35 7	0	0	NA	313	145	46.3	0	0	NA	284	128	45.1	0	0
Number of Workers	——	286	102	——	——	——	——	313	145	——	——	——	——	284	128	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	13,728	4,896	35.7	0	0	NA	15,024	6,960	46.3	0	0	NA	13,632	6,144	45.1	0	0
Average Weekly Hours	47.9	——	——	——	——	——	43.5	——	——	——	——	——	44.6	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	NA	293	0	0	0	0	NA	278	0	0	0	0	NA	248	0	0	0	0
Number of Workers	——	293	——	——	——	——	——	278	——	——	——	——	——	248	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	11,720	0	0	0	0	NA	11,120	0	0	0	0	NA	9,920	0	0	0	0
Average Weekly Hours	38.4	——	——	——	——	——	37.2	——	——	——	——	——	40.2	——	——	——	——	——
Waco, Troy																		
Total Number of Workers	NA	260	25	9.6	0	0	NA	281	28	10,0	0	0	NA	354	66	18.6	0	0
Number of Workers	——	260	25	——	——	——	——	281	28	——	——	——	——	354	66	——	——	——
Hours per Day	——	8	8.5	——	——	——	——	8	8.5	——	——	——	——	8	8.5	——	——	——
Days per Week	——	5.5	5	——	——	——	——	5.5	5	——	——	——	——	5.5	5	——	——	——
Total Hours	NA	11,440	1,063	9.3	0	0	NA	12,364	1,190	9.6	0	0	NA	15,576	2,805	18.0	0	0
Average Weekly Hours	46.5	——	——	——	——	——	47.4	——	——	——	——	——	47.1	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	NA	1,116	432	38.7	21	1.9	NA	1,149	432	37 6	14	1 2	NA	1,099	398	36 2	3	0 3
Number of Workers	——	968	432	——	21	——	——	1,149	432	——	14	——	——	1,099	398	——	3	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	148	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	54,456	20,736	38.1	819	1.5	NA	55,152	20,736	37.6	546	1 0	NA	52,752	19,104	36 2	117	0 2
Average Weekly Hours	48 0	——	——	——	——	——	48.0	——	——	——	——	——	48 0	——	——	——	——	——
St. Louis Aircraft, St. Louis																		
Total Number of Workers	NA	55	0	0	0	0	NA	103	0	0	0	0	NA	105	0	0	0	0
Number of Workers	——	55	——	——	——	——	——	103	——	——	——	——	——	105	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	2,200	0	0	0	0	NA	4,120	0	0	0	0	NA	4,200	0	0	0	0
Average Weekly Hours	40.0	——	——	——	——	——	40.0	——	——	——	——	——	40 0	——	——	——	——	——
Spartan, Tulsa																		
Total Number of Workers	NA	315	165	52.4	0	0	NA	327	169	51.7	0	0	NA	352	180	51 1	0	0
Number of Workers	——	315	165	——	——	——	——	327	169	——	——	——	——	352	180	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	15,120	7,920	52.4	0	0	NA	15,696	8,112	51 7	0	0	NA	16,896	8,640	51.1	0	0
Average Weekly Hours	48.2	——	——	——	——	——	45.3	——	——	——	——	——	47 5	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	NA	258	0	0	0	0	NA	259	20	7.7	0	0	NA	268	37	13.8	0	0
Number of Workers	——	258	——	——	——	——	——	259	20	——	——	——	——	268	37	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	——	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	NA	10,320	0	0	0	0	NA	10,360	800	7.7	0	0	NA	10,720	1,480	13.8	0	0
Average Weekly Hours	41.6	——	——	——	——	——	41.1	——	——	——	——	——	40.0	——	——	——	——	——
Waco, Troy																		
Total Number of Workers	NA	393	66	16.8	0	0	NA	387	63	16.3	0	0	NA	380	52	13 7	20	5 3
Number of Workers	——	393	66	——	——	——	——	387	63	——	——	——	——	380	52	——	20	——
Hours per Day	——	8	8.5	——	——	——	——	8	8.5	——	——	——	——	8	8	——	8	——
Days per Week	——	5.5	5	——	——	——	——	5.5	5	——	——	——	——	6	6	——	6	——
Total Hours	NA	17,292	2,805	16.2	0	0	NA	17,028	2,678	15.7	0	0	NA	18,240	2,496	13.7	480	2 6
Average Weekly Hours	45.9	——	——	——	——	——	45 2	——	——	——	——	——	48.8	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

FACILITY	JANUARY						FEBRUARY					
	Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES												
Direct Number of Workers	NA	136,880	83,607	61 1	23,423	17 1	NA	144,516	90,058	62.3	26,818	18.6
Direct Hours	NA	6,589,594	4,106,392	59 6	981,991	14 3	NA	7,182,002	4,405,332	61 3	1,089,986	15.2
Average Weekly Hours	——	50 3	49 1	——	41 9	——	——	49 7	48 9	——	40 6	——
Avco, Middletown												
Total Number of Workers	NA	236	25	10 6	0	0	NA	221	26	11 8	0	0
Number of Workers	——	236	25	——	——	——	——	221	26	——	——	——
Hours per Day	——	8	8 5	——	——	——	——	8	8 5	——	——	——
Days per Week	——	5 5	5	——	——	——	——	5 5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	10,354	1,063	10 2	0	0	NA	9,724	1,105	11 4	0	0
Average Weekly Hours	43 0	——	——	——	——	——	43 0	——	——	——	——	——
Beech, Wichita												
Total Number of Workers	NA	2,372	1,998	84 2	181	7 6	NA	2,916	2,342	80.3	267	9.2
Number of Workers	——	1,560	1,460	——	97	——	——	2,916	2,342	——	267	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5 875	5 875	——	5 861	——	——	5 875	5 875	——	5.861	——
Number of Workers	——	503	291	——	84	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	9 5	——	——	——	——	——	——	——
Days per Week	——	5 70	5 70	——	6 179	——	——	——	——	——	——	——
Number of Workers	——	309	247	——	——	——	——	——	——	——	——	——
Hours per Day	——	11	11	——	——	——	——	——	——	——	——	——
Days per Week	——	6 272	6 272	——	——	——	——	——	——	——	——	——
Total Hours	NA	123,312	102,250	82.9	8,626	7.0	NA	137,052	110,074	80.3	10,173	7.4
Average Weekly Hours	51 5	——	——	——	——	——	46 6	——	——	——	——	——
Bell, Buffalo[a]												
Total Number of Workers	NA	4,163	2,142	51 5	961	23.1	NA	4,044	2,107	52.1	1,014	25 1
Number of Workers	——	1,112	688	——	362	——	——	969	631	——	400	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Number of Workers	——	1,237	809	——	407	——	——	630	366	——	262	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,814	645	——	192	——	——	2,445	1,110	——	352	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours	NA	194,208	103,160	53 1	38,584	19.9	NA	182,304	97,304	53 4	39,858	21 9
Average Weekly Hours	43 1	——	——	——	——	——	41.5	——	——	——	——	——
Bellanca, Newcastle												
Total Number of Workers	NA	290	65	22 4	18	6 2	NA	325	75	23.1	19	5.8
Number of Workers	——	290	65	——	18	——	——	325	75	——	19	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	13,920	3,120	22 4	864	6 2	NA	15,600	3,600	23.1	912	5 8
Average Weekly Hours	47 2	——	——	——	——	——	47 5	——	——	——	——	——
Boeing, Seattle												
Total Number of Workers	NA	9,907	7,579	76 5	3,166	32 0	NA	9,877	7,690	77 8	3,526	35 7
Number of Workers	——	832	778	——	239	——	——	2,497	2,208	——	1,375	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	5,548	4,265	——	1,903	——	——	6,307	3,730	——	1,999	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	3,527	2,536	——	1,024	——	——	1,073	1,742	——	152	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	407,098	377,856	76 0	125,577	25 9	NA	462,704	364,912	78 9	129,565	28 0
Average Weekly Hours	48 5	——	——	——	——	——	45 4	——	——	——	——	——

FACILITY	MARCH						APRIL					
	Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES												
Direct Number of Workers	NA	145,111	91,046	62 7	28,418	19 6	NA	153,556	97,651	63 6	31,817	20 7
Direct Hours	NA	7,165,996	4,382,462	61 3	1,146,031	16 0	NA	7,490,346	4,694,229	62 7	1,309,012	17 5
Average Weekly Hours	——	49.4	48 2	——	40 3	——	——	48.8	48 1	——	41.1	——
Avco, Middletown												
Total Number of Workers	NA	236	22	9 3	0	0	NA	299	58	19 4	0	0
Number of Workers	——	236	22	——	——	——	——	299	58	——	——	——
Hours per Day	——	8	8.5	——	——	——	——	8	8.5	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	11,328	935	8.3	0	0	NA	14,352	2,465	17.2	0	0
Average Weekly Hours	46.7	——	——	——	——	——	46.7	——	——	——	——	——
Beech, Wichita												
Total Number of Workers	NA	3,006	2,416	80 4	396	13.2	NA	3,126	2,517	80 5	426	13 6
Number of Workers	——	3,006	2,416	——	396	——	——	3,126	2,517	——	426	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	5.875	5.875	——	5.861	——	——	5.875	5.875	——	5.861	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	141,282	113,552	80 4	15,088	10.7	NA	146,922	118,299	80 5	16,231	11 0
Average Weekly Hours	46.4	——	——	——	——	——	46.4	——	——	——	——	——
Bell, Buffalo[a]												
Total Number of Workers	NA	4,059	2,016	49.7	981	24 2	NA	4,113	1,961	47.7	935	22 7
Number of Workers	——	1,155	828	——	595	——	——	2,205	1,295	——	703	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Number of Workers	——	338	147	——	97	——	——	1,305	258	——	42	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2,566	1,041	——	289	——	——	603	408	——	190	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours	NA	183,544	95,064	51 8	40,248	21 9	NA	210,240	101,224	48.1	39,800	18.9
Average Weekly Hours	41 2	——	——	——	——	——	43.0	——	——	——	——	——
Bellanca, Newcastle												
Total Number of Workers							NA	410	95	23 2	24	5.9
Number of Workers							——	410	95	——	24	——
Hours per Day							——	8	8	——	8	——
Days per Week							——	6	6	——	6	——
Number of Workers							——	——	——	——	——	——
Hours per Day							——	——	——	——	——	——
Days per Week							——	——	——	——	——	——
Total Hours	NA						NA	19,680	4,560	23 2	1,152	5 9
Average Weekly Hours							47 2	——	——	——	——	——
Boeing, Seattle												
Total Number of Workers	NA	9,460	6,934	73 3	3,549	37 5	NA	8,035	6,054	75 3	3,412	42 5
Number of Workers	——	5,756	5,058	——	2,325	——	——	5,500	4,395	——	2,656	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	1,173	1311	——	1,027	——	——	2,018	1,239	——	591	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1 531	565	——	197	——	——	517	420	——	165	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	412,280	296,888	72 0	134,579	30 2	NA	345,816	258,792	74 8	116,877	33 8
Average Weekly Hours	41 8	——	——	——	——	——	41 2	——	——	——	——	——

FACILITY	MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES												
Direct Number of Workers	NA	162,290	102,513	63 2	33,932	20 9	NA	174,242	109,276	62 7	36,202	20 8
Direct Hours	NA	7,946,975	4,935,262	62 1	1,369,363	17 2	NA	8,535,716	5,243,315	61 4	1,473,702	17 3
Average Weekly Hours	——	49 0	48 1	——	40 4	——	——	49 0	48 0	——	40 7	——
Avco, Middletown												
Total Number of Workers	NA	358	64	17 9	0	0	NA	300	115	39 3	14	4 7
Number of Workers	——	231	64	——	——	——	——	300	118	——	14	——
Hours per Day	——	8	9 6	——	——	——	——	7 5	7 5	——	7 5	——
Days per Week	——	6	5	——	——	——	——	6	6	——	6	——
Number of Workers	——	127	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5.5	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	16,676	3,072	18 4	0	0	NA	13,500	5,310	39 3	630	4 7
Average Weekly Hours	48.0	——	——	——	——	——	45 0	——	——	——	——	——
Beech, Wichita												
Total Number of Workers	NA	3,218	2,545	79 1	989	30 7	NA	4,003	2,525	63 1	709	17 7
Number of Workers	——	3,218	2,545	——	989	——	——	162	109	——	709	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5 875	5.875	——	5 861	——	——	5	5	——	7	——
Number of Workers	——	——	——	——	——	——	——	3,841	2,416	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	5 875	5 875	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	151,246	119,615	79 1	37,677	24 9	NA	187,007	117,912	63 1	32,260	17 3
Average Weekly Hours	45 7	——	——	——	——	——	46 4	——	——	——	——	——
Bell, Buffalo[a]												
Total Number of Workers	NA	4,450	2,241	50 4	1,011	22 7	NA	4,354	2,621	60 2	1,223	28 1
Number of Workers	——	2,467	1,419	——	812	——	——	2,347	1,427	——	1,014	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Number of Workers	——	450	207	——	1	——	——	1,582	712	——	30	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,533	615	——	198	——	——	425	482	——	179	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——
Total Hours	NA	221,072	114,000	51 6	43,420	19 6	NA	224,368	133,368	59 4	53,125	23 7
Average Weekly Hours	46 9	——	——	——	——	——	44 3	——	——	——	——	——
Bellanca, Newcastle												
Total Number of Workers	NA	479	102	21 3	30	6 3	NA	425	219	51 5	35	8 2
Number of Workers	——	479	102	——	30	——	——	425	90	——	35	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	139	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	9 5	——	——	——
Days per Week	——	——	——	——	——	——	——	——	5	——	——	——
Total Hours	NA	22,992	4,896	21 3	1,440	6 3	NA	20,400	10,443	51 2	1,680	8 2
Average Weekly Hours	46 6	——	——	——	——	——	46 7	——	——	——	——	——
Boeing, Seattle												
Total Number of Workers	NA	7,807	5,859	75 0	2,609	33 4	NA	8,679	6,623	76 3	3,115	35 9
Number of Workers	——	3,313	2,757	——	1,381	——	——	2,995	2,446	——	1,132	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	3,330	2,699	——	1,101	——	——	3,323	2,206	——	975	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	664	493	——	127	——	——	2,461	1,969	——	1,008	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	333,344	267,400	74 2	93,600	26 5	NA	413,120	314,072	76 0	120,670	29 2
Average Weekly Hours	43 6	——	——	——	——	——	46 1	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Wichita, No. 1																		
Total Number of Workers	NA	1,156	480	41 5	34	2 9	NA	2,368	1,577	66 6	948	40 0	NA	1,094	601	54.9	191	17.5
Number of Workers	——	1,156	480	——	34	——	——	2,368	1,577	——	948	——	——	1,094	601	——	191	——
Hours per Day	——	7 5	7 5	——	7 5	——	——	7 5	7.5	——	7 5	——	——	7.5	7 5	——	7.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	52,020	21,600	41 5	1,530	2 9	NA	106,560	70,965	66.6	42,660	40.0	NA	49,230	27,045	54.9	8,595	17 5
Average Weekly Hours	45 0	——	——	——	——	——	45 0	——	——	——	——	——	45.0	——	——	——	——	——
Boeing, Wichita, No 2																		
Total Number of Workers							NA	375	300	80.0	200	53.3	NA	756	667	88.2	443	58.6
Number of Workers							——	375	300	——	200	——	——	756	667	——	443	——
Hours per Day							——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7 5	——
Days per Week	NB						——	6	6	——	6	——	——	6	6	——	6	——
Total Hours							NA	16,875	13,500	80 0	9,000	53 3	NA	34,020	30,015	88 2	19,935	58.6
Average Weekly Hours							45.0	——	——	——	——	——	45.0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	6,009	2,123	35 3	0	0	NA	6,391	2,309	36.1	0	0	NA	6,895	2,811	40.8	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	NA	307,179	109,625	35 7	0	0	NA	339,237	123,170	36.3	0	0	NA	399,058	163,680	41.0	0	0
Average Weekly Hours	51 2	——	——	——	——	——	53 2	——	——	——	——	——	60.2	——	——	——	——	——
Brewster, Newark, N J.																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Brewster, Johnsville, Pa.																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Cessna, Wichita																		
Total Number of Workers	NA	1,227	868	70 7	345	28 1	NA	1,246	987	79.2	188	15.1	NA	1,033	892	86.4	208	20.1
Number of Workers	——	1,227	868	——	345	——	——	1,246	987	——	188	——	——	1,033	892	——	208	——
Hours per Day	——	7 5	7.5	——	7 5	——	——	7.5	7.5	——	7.5	——	——	7.5	7 5	——	7.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	55,215	39,060	70 7	15,525	28 1	NA	56,070	44,415	79.2	8,460	15 1	NA	46,485	40,140	86 4	9,360	20.1
Average Weekly Hours	44 4	——	——	——	——	——	44 1	——	——	——	——	——	43 4	——	——	——	——	——
Chance-Vought, Stratford																		
Total Number of Workers	NA	3,555	1,160	32 6	0	0	NA	3,519	1,261	35 8	0	0	NA	3,624	1,423	39 3	0	0
Number of Workers	——	3,498	1,160	——	——	——	——	3,471	1,261	——	——	——	——	3,573	1,423	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	57	——	——	——	——	——	48	——	——	——	——	——	51	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	177,180	58,000	32 7	0	0	NA	175,470	63,050	35 9	0	0	NA	180,690	71,150	39.4	0	0
Average Weekly Hours	53 9	——	——	——	——	——	53 4	——	——	——	——	——	53 4	——	——	——	——	——

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Wichita, No. 1																		
Total Number of Workers	NA	1,084	591	54.5	188	17.3	NA	1,204	576	47 8	141	11 7	NA	1,213	581	47 9	144	11 9
Number of Workers	——	1,084	591	——	188	——	——	1,204	576	——	141	——	——	1,213	581	——	144	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7 5	7 5	——	7 5	——	——	7 5	7.5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	48,780	26,595	54 5	8,460	17 3	NA	54,180	25,920	47 8	6,345	11 7	NA	54,585	26,145	47 9	6,480	11 9
Average Weekly Hours	45.0	——	——	——	——	——	45 0	——	——	——	——	——	45 0	——	——	——	——	——
Boeing, Wichita, No 2																		
Total Number of Workers	NA	2,405	2,065	85.9	1,704	70 9	NA	2,661	2,445	91.9	2,008	75 5	NA	2,717	2,310	85:0	1,993	73 4
Number of Workers	——	2,405	2,065	——	1,704	——	——	2,661	2,445	——	2,008	——	——	2,717	2,310	——	1,993	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7.5	7.5	——	7 5	——	——	7 5	7.5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	108,225	92,925	85.9	76,680	70.9	NA	119,745	110,025	91 9	90,360	75 5	NA	122,265	103,950	85 0	89,685	73 4
Average Weekly Hours	45 0	——	——	——	——	——	45 0	——	——	——	——	——	45 0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	4,304	1,926	44.7	0	0	NA	4,277	2,016	47.1	0	0	NA	4,541	1,640	36.1	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	NA	258,240	115,560	44.7	0	0	NA	262,818	120,124	45.7	0	0	NA	250,110	88,410	35.3	——	——
Average Weekly Hours	62.3	——	——	——	——	——	60.8	——	——	——	——	——	55 8	——	——	——	——	——
Brewster, Newark, N J.																		
Total Number of Workers	NA	1,640	807	49.2	0	0	NA	1,683	938	55.7	0	0	NA	1,744	978	56 1	0	0
Number of Workers	——	1,640	1,640	——	——	——	——	1,683	938	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	2	2	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	2	2	——	——	——
Total Hours	NA	88,560	43,578	49.2	0	0	NA	90,882	50,652	55.7	0	0	NA	94,210	52,868	56 1	0	0
Average Weekly Hours	54.0	——	——	——	——	——	54.0	——	——	——	——	——	54 0	——	——	——	——	——
Brewster, Johnsville, Pa.																		
Total Number of Workers	NA	1,339	376	28.1	0	0	NA	1,473	372	25.3	0	0	NA	1,472	368	25.0	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	NA	77,345	22,560	29 2	0	0	NA	88,898	25,278	28 4	0	0	NA	80,108	22,010	27 5	0	0
Total Hours	58.9	——	——	——	——	——	56.8	——	——	——	——	——	57 7	——	——	——	——	——
Cessna, Wichita																		
Total Number of Workers	NA	1,008	850	84.3	208	20 6	NA	1,037	856	82 5	218	21 0	NA	1,076	895	83 2	275	25 6
Number of Workers	——	1,008	850	——	208	——	——	1,037	856	——	218	——	——	1,076	895	——	275	——
Hours per Day	——	7.5	7.5	——	7.5	——	——	7.5	7 5	——	7 5	——	——	7 5	7 5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	45,360	38,250	84 3	9,360	20 6	NA	46,665	38,520	82 5	9,810	21 0	NA	48,420	40,275	83 2	12,375	25 6
Average Weekly Hours	44.0	——	——	——	——	——	42.8	——	——	——	——	——	43 1	——	——	——	——	——
Chance-Vought, Stratford																		
Total Number of Workers	NA	2,994	1,203	40 2	0	0	NA	3,042	1,271	41 8	0	0	NA	3,170	1,437	45 3	0	0
Number of Workers	——	2,941	1,203	——	——	——	——	2,992	1,271	——	——	——	——	3,121	1,437	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	53	——	——	——	——	——	50	——	——	——	——	——	49	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	NA	149,170	60,150	40 3	0	0	NA	151,600	63,550	41 9	0	0	NA	158,010	71,850	45 5	0	0
Average Weekly Hours	51 2	——	——	——	——	——	50.9	——	——	——	——	——	51 7	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

Facility	JANUARY Actual All Shifts	JANUARY Scheduled First Shift	JANUARY Scheduled Second Shift Number	JANUARY Scheduled Second Shift % of First	JANUARY Scheduled Third Shift Number	JANUARY Scheduled Third Shift % of First	FEBRUARY Actual All Shifts	FEBRUARY Scheduled First Shift	FEBRUARY Scheduled Second Shift Number	FEBRUARY Scheduled Second Shift % of First	FEBRUARY Scheduled Third Shift Number	FEBRUARY Scheduled Third Shift % of First	MARCH Actual All Shifts	MARCH Scheduled First Shift	MARCH Scheduled Second Shift Number	MARCH Scheduled Second Shift % of First	MARCH Scheduled Third Shift Number	MARCH Scheduled Third Shift % of First	APRIL Actual All Shifts	APRIL Scheduled First Shift	APRIL Scheduled Second Shift Number	APRIL Scheduled Second Shift % of First	APRIL Scheduled Third Shift Number	APRIL Scheduled Third Shift % of First	MAY Actual All Shifts	MAY Scheduled First Shift	MAY Scheduled Second Shift Number	MAY Scheduled Second Shift % of First	MAY Scheduled Third Shift Number	MAY Scheduled Third Shift % of First	JUNE Actual All Shifts	JUNE Scheduled First Shift	JUNE Scheduled Second Shift Number	JUNE Scheduled Second Shift % of First	JUNE Scheduled Third Shift Number	JUNE Scheduled Third Shift % of First
Boeing, Wichita, No. 1																																						
Total Number of Workers	NA	1,156	480	41 5	34	2 9	NA	2,368	1,577	66 6	948	40 0	NA	1,094	601	54.9	191	17.5	NA	1,084	591	54.5	188	17.3	NA	1,204	576	47 8	141	11 7	NA	1,213	581	47 9	144	11 9
Number of Workers	———	1,156	480	——	34	——	———	2,368	1,577	——	948	——	———	1,094	601	—	191	——	———	1,084	591	——	188	——	———	1,204	576	——	141	——	- - -	1,213	581	——	144	——
Hours per Day	———	7.5	7 5	——	7 5	——	———	7.5	7 5	——	7 5	——	———	7.5	7 5	——	7.5	——	———	7.5	7.5	——	7.5	——	———	7 5	7 5	——	7 5	——	- - -	7 5	7 5	——	7 5	——
Days per Week	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——
Total Hours	NA	52,020	21,600	41 5	1,530	2 9	NA	106,560	70,965	66.6	42,660	40 0	NA	49,230	27,045	54 9	8,595	17 5	NA	48,780	26,595	54 5	8,460	17 3	NA	54,180	25,920	47 8	6,345	11 7	NA	54,585	26,145	47 9	6,480	11 9
Average Weekly Hours	45.0	———	———	——	———	——	45 0	———	———	——	———	——	45.0	———	———	——	———	——	45 0	———	———	——	———	——	45 0	———	———	——	———	——	45 0	———	———	——	———	——
Boeing, Wichita, No 2																																						
Total Number of Workers							NA	375	300	80 0	200	53 3	NA	756	667	88.2	443	58.6	NA	2,405	2,065	85.9	1,704	70 9	NA	2,661	2,445	91 9	2,008	75 5	NA	2,717	2,310	85 0	1,993	73 4
Number of Workers							———	375	300	——	200	—	———	756	667	——	443	——	———	2,405	2,065	—	1,704	——	———	2,661	2,445	——	2,008	——	———	2,717	2,310	——	1,993	——
Hours per Day							———	7.5	7.5	——	7.5	— —	———	7 5	7.5	——	7 5	——	———	7.5	7.5	——	7.5	——	———	7 5	7.5	——	7.5	——	———	7 5	7.5	——	7 5	——
Days per Week	NR						———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——
Total Hours							NA	16,875	13,500	80 0	9,000	53 3	NA	34,020	30,015	88 2	19,935	58.6	NA	108,225	92,925	85 9	76,690	70.9	NA	119,745	110,025	91 9	90,360	75 5	NA	122,265	103,950	85 0	89,685	73 4
Average Weekly Hours							45 0	———	———	——	———	——	45.0	———	———	——	———	——	45 0	———	———	——	———	——	45 0	———	———	——	———	——	45 0	———	———	——	———	——
Brewster, Long Island																																						
Total Number of Workers	NA	6,009	2,123	35 3	0	0	NA	6,391	2,309	36.1	0	0	NA	6,895	2,811	40.8	0	0	NA	4,304	1,926	44.7	0	0	NA	4,277	2,016	47.1	0	0	NA	4,541	1,640	36.1	0	0
Number of Workers	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——
Hours per Day	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——
Days per Week	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——
Total Hours	NA	307,179	109,625	35 7	0	0	NA	339,237	123,170	36.3	0	0	NA	399,058	163,680	41.0	0	0	NA	258,240	115,560	44.7	0	0	NA	262,818	120,124	45.7	0	0	NA	250,110	88,410	35.3	———	———
Average Weekly Hours	51.3	———	———	——	———	——	53 2	———	———	——	———	——	60.2	———	———	——	———	——	62.3	———	———	——	———	——	60.8	———	———	——	———	——	55 8	———	———	——	———	——
Brewster, Newark, N J.																																						
Total Number of Workers	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	NA	1,640	807	49.2	0	0	NA	1,683	938	55.7	0	0	NA	1,744	978	56 1	0	0
Number of Workers	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	1,640	1,640	——	———	——	———	1,683	938	——	———	——	———	———	———	——	———	——
Hours per Day	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	9	9	——	———	——	———	9	9	——	———	——	———	2	2	——	———	——
Days per Week	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	6	6	——	———	——	———	6	6	——	———	——	———	2	2	——	———	——
Total Hours	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	NA	88,560	43,578	49.2	0	0	NA	90,882	50,652	55 7	0	0	NA	94,210	52,868	56 1	0	0
Average Weekly Hours	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	54.0	———	———	——	———	——	54.0	———	———	——	———	——	54 0	———	———	——	———	——
Brewster, Johnsville, Pa.																																						
Total Number of Workers	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	NA	1,339	376	28.1	0	0	NA	1,473	372	25.3	0	0	NA	1,472	368	25 0	0	0
Number of Workers	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——
Hours per Day	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——	———	2	2	——	———	——
Days per Week	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	NA	77,345	22,560	29 2	0	0	NA	88,898	25,278	28 4	0	0	NA	80,108	22,010	27 5	0	0
Total Hours	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	58.9	———	———	——	———	——	56.8	———	———	——	———	——	57 7	———	———	——	———	——
Average Weekly Hours	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——	———	———	———	——	———	——
Cessna, Wichita																																						
Total Number of Workers	NA	1,227	868	70 7	345	28 1	NA	1,246	987	79.2	188	15 1	NA	1,033	892	86.4	208	20 1	NA	1,008	850	84.3	208	20 6	NA	1,037	856	82 5	218	21 0	NA	1,076	895	83 2	275	25 6
Number of Workers	———	1,227	868	——	345	——	———	1,246	987	——	188	——	———	1,033	892	——	208	——	———	1,008	850	——	208	——	———	1,037	856	——	218	——	———	1,076	895	——	275	——
Hours per Day	———	7.5	7.5	——	7 5	——	———	7.5	7.5	——	7.5	——	———	7.5	7 5	——	7.5	——	———	7.5	7.5	——	7.5	——	———	7 5	7 5	——	7 5	——	———	7.5	7 5	——	7 5	——
Days per Week	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——	———	6	6	——	6	——
Total Hours	NA	55,215	39,060	70 7	15,525	28 1	NA	56,070	44,415	79 2	8,460	15 1	NA	46,485	40,140	86 4	9,360	20 1	NA	45,360	38,250	84 3	9,360	20 6	NA	46,665	38,520	82 5	9,810	21 0	NA	48,420	40,275	83 2	12,375	25 6
Average Weekly Hours	44 4	———	———	——	———	——	44 1	———	———	——	———	——	43 4	———	———	——	———	——	44.0	———	———	——	———	——	42 8	———	———	——	———	——	43 1	———	———	——	———	——
Chance-Vought, Stratford																																						
Total Number of Workers	NA	3,555	1,160	32 6	0	0	NA	3,519	1,261	35 8	0	0	NA	3,624	1,423	39 3	0	0	NA	2,994	1,203	40 2	0	0	NA	3,042	1,271	41 8	0	0	NA	3,170	1,437	45 3	0	0
Number of Workers	———	3,498	1,160	——	— —	— —	———	3,471	1,261	——	———	——	———	3,573	1,423	——	———	——	———	2,941	1,203	——	———	——	———	2,992	1,271	——	———	——	———	3,121	1,437	——	———	——
Hours per Day	———	10	10	——	———	——	———	10	10	——	———	——	———	10	10	——	———	——	———	10	10	——	———	——	———	10	10	——	———	——	———	10	10	——	———	——
Days per Week	———	5	5	——	———	——	———	5	5	——	———	——	———	5	5	——	———	——	———	5	5	——	———	——	———	5	5	——	———	——	———	5	5	——	———	——
Number of Workers	———	57	———	——	———	——	———	48	———	——	———	——	———	51	———	——	———	——	———	53	———	——	———	——	———	50	———	——	———	——	———	49	———	——	———	——
Hours per Day	———	8	———	——	———	——	———	8	———	——	———	——	———	8	———	——	———	——	———	8	———	——	———	——	———	8	———	——	———	——	———	8	———	——	———	——
Days per Week	———	5	———	——	———	——	———	5	———	——	———	——	———	5	———	——	———	——	———	5	———	——	———	——	———	5	———	——	———	——	———	5	———	——	———	——
Total Hours	NA	177,180	58,000	32 7	0	0	NA	175,470	63,050	35 9	0	0	NA	190,690	71,150	39 4	0	0	NA	149,170	60,150	40 3	0	0	NA	151,600	63,550	41 9	0	0	NA	158,010	71,950	45 5	0	0
Average Weekly Hours	53 9	———	———	——	———	——	53 4	———	———	——	———	——	53 4	———	———	——	———	——	51 3	———	———	——	———	——	50.9	———	———	——	———	——	51 7	———	———	——	———	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible] Workers	NA	2,493	1,888	75 7	24	1 0	NA	2,549	1,597	62 7	58	3 5						
[illegible]	—	1,903	1,504	—	22	—	—	2,363	1,468	—	46	—						
[illegible]	—	8	8	—	6 5	—	—	8	8	—	6 5	—						
[illegible]	—	6	6	—	6	—	—	6	6	—	6	—						
[illegible]	—	590	354	—	2	—	—	186	129	—	42	—						
[illegible] Workers	—	8	8	—	6 5	—	—	8	8	—	6 5	—						
[illegible]	—	7	7	—	7	—	—	7	7	—	7	—						
[illegible] Week	—	—	—	—	—	—	—	—	—	—	—	—						
[illegible] Workers	—	—	—	—	—	—	—	—	—	—	—	—						
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—						
[illegible] Week	NA	124,384	93,696	75 3	940	0 8	NA	123,840	77,688	62 7	3,705	3 0	NA					
[illegible]	49 8	—	—	—	—	—	46 7	—	—	—	—	—						
[illegible] Hours	—	—	—	—	—	—	—	—	—	—	—	—						
[illegible] Fort Worth	—	—	—	—	—	—	NA	22	0	0	0	0	NA	165	78	47 3	0	0
[illegible] Workers	—	—	—	—	—	—	—	22	—	—	—	—	—	165	78	—	—	—
[illegible] Workers	—	—	—	—	—	—	—	8 83	—	—	—	—	—	10	10	—	—	—
[illegible] per Day	—	—	—	—	—	—	—	6	—	—	—	—	—	5 8	5 8	—	—	—
[illegible] per Week	—	—	—	—	—	—	NA	1,166	0	0	0	0	NA	9,570	4,524	47 3	0	0
Total Hours	—	—	—	—	—	—	53 0	—	—	—	—	—	54.0	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] Nashville	—	—	—	—	—	—	NA	1,813	1,063	58.6	38	2.1	NA	1,886	1,097	58.2	25	1.3
Total Number of Workers	NA	1,888	904	47 9	34	1 8	—	1,197	674	—	38	—	—	1,144	626	—	25	—
Number of Workers	—	1,372	622	—	34	—	—	8	8	—	8	—	—	8	8	—	6.5	—
Hours per Day	—	8	8	—	8	—	—	5	5	—	5	—	—	5	5	—	5	—
Days per Week	—	5	5	—	5	—	—	616	389	—	—	—	—	742	471	—	—	—
Number of Workers	—	516	282	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	10	10	—	—	—	—	5.8	5.8	—	—	—	—	5 8	5 8	—	—	—
Days per Week	—	5 8	5 8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	84,808	41,236	48.6	1,360	1.6	NA	83,608	49,522	59.2	1,520	1.8	NA	88,796	52,358	59.0	813	0.9
Average Weekly Hours	51.5	—	—	—	—	—	48 5	—	—	—	—	—	46.5	—	—	—	—	—
Consolidated Vultee, San Diego	—	—	—	—	—	—	NA	15,228	11,812	77.6	0	0	NA	14,657	10,192	69.5	1,932	13.2
Total Number of Workers	NA	14,919	11,463	76.8	0	0	—	2,157	1,810	—	—	—	—	14,490	10,099	—	1,910	—
Number of Workers	—	2,794	2,335	—	—	—	—	9	9	—	—	—	—	8	8	—	6.5	—
Hours per Day	—	9	9	—	—	—	—	5	5	—	—	—	—	6	6	—	6	—
Days per Week	—	5	5	—	—	—	—	12,786	9,690	—	—	—	—	167	93	—	22	—
Number of Workers	—	11,642	8,742	—	—	—	—	9	9	—	—	—	—	8	8	—	6.5	—
Hours per Day	—	9	9	—	—	—	—	5 89	5 89	—	—	—	—	7	7	—	7	—
Days per Week	—	5 89	5 89	—	—	—	—	285	312	—	—	—	—	—	—	—	—	—
Number of Workers	—	483	386	—	—	—	—	9	9	—	—	—	—	—	—	—	—	—
Hours per Day	—	9	9	—	—	—	—	6 78	6 78	—	—	—	—	—	—	—	—	—
Days per Week	—	6 78	6 78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	772,345	592,042	76 7	0	0	NA	792,242	614,155	77 5	0	0	NA	704,872	489,960	69 5	75,491	10 7
Average Weekly Hours	51 2	—	—	—	—	—	53.8	—	—	—	—	—	45 3	—	—	—	—	—
Consolidated Wayne	—	—	—	—	—	—	NA	430	124	28 8	42	9 8	NA	544	260	47 8	0	0
Total Number of Workers	NA	433	50	11 5	24	5 5	—	430	124	—	42	—	—	—	—	—	—	—
Number of Workers	—	433	50	—	24	—	—	10	10	—	9	—	—	—	—	—	—	—
Hours per Day	—	10	6	—	10	—	—	6	6	—	6	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	NA	25,800	7,440	28 8	2,268	8 8	NA	31,002	15,234	48 1	0	0
Total Hours	NA	25,980	3,600	11 5	1,440	5 5	59 0	—	—	—	—	—	NR	—	—	—	—	—
Average Weekly Hours	NR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] Wichita	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	NA	—	—	—	—	—	NA	—	—	—	—	—	NA	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible] Workers	NA	2,522	1,568	62 2	118	4 7	NA	2,337	1,283	54 9	106	4 5	NA	2,610	1,467	56 2	58	2 2
[illegible]	—	2,241	1,444	—	118	—	—	2,192	1,162	—	106	—	—	1,211	649	—	12	—
[illegible]	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
[illegible]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
[illegible]	—	281	124	—	—	—	—	145	121	—	—	—	—	54	30	—	4	—
[illegible] Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	6 5	—
[illegible]	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	7	—
[illegible] Week	—	—	—	—	—	—	—	—	—	—	—	—	—	1,345	788	—	42	—
[illegible] Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	—	6 5	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5	—	5	—
[illegible] Week	NA	123,304	76,256	61 8	4,602	3 7	NA	113,336	62,552	55 2	4,134	3 6	NA	114,952	64,352	56 0	2,015	1 8
[illegible]	46.9	—	—	—	—	—	45 8	—	—	—	—	—	41 4	—	—	—	—	—
[illegible] Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] Fort Worth	NA	839	774	92.3	0	0	NA	820	763	93.0	0	0	NA	890	695	78 4	0	0
[illegible] Workers	—	839	774	—	—	—	—	820	763	—	—	—	—	890	695	—	—	—
[illegible] Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
[illegible] per Day	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
[illegible] per Week	NA	40,272	37,152	92 3	0	0	NA	39,360	36,624	93 0	0	0	NA	42,720	33,504	78 4	0	0
Total Hours	46.5	—	—	—	—	—	43.2	—	—	—	—	—	41 6	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] Nashville	NA	1,951	1,117	57 3	106	5 4	NA	1,921	1,291	67.2	159	8 3	NA	1,963	1,333	67 9	167	8 5
Total Number of Workers	—	1,699	126	—	106	—	—	1,336	921	—	159	—	—	1,350	935	—	167	—
Number of Workers	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	4 5	—
Hours per Day	—	5	5	—	5	—	—	5	5	—	5	—	—	5	5	—	5	—
Days per Week	—	252	991	—	—	—	—	585	370	—	—	—	—	483	291	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5.8	5 8	—	—	—	—	5 8	5.8	—	—	—	—	5.8	5 8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	130	107	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	9.4	9 4	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	82,576	62,518	75 7	3,445	4.2	NA	87,370	58,300	66 7	5,168	5.9	NA	90,568	61,319	67 7	5,428	6 0
Average Weekly Hours	46.5	—	—	—	—	—	46.7	—	—	—	—	—	46 0	—	—	—	—	—
Consolidated Vultee, San Diego	NA	13,642	10,608	77 8	2,082	15 3	NA	14,132	11,148	78.9	2,167	15 3	NA	15,023	11,864	79 0	2,189	14 6
Total Number of Workers	—	12,593	9,651	—	1,736	—	—	11,212	8,728	—	1,333	—	—	12,916	10,210	—	1,825	—
Number of Workers	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Hours per Day	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	1,049	957	—	346	—	—	2,920	2,420	—	544	—	—	2,107	1,654	—	384	—
Number of Workers	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Hours per Day	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	663,208	516,840	77 9	83,447	12.6	NA	701,696	554,464	79 0	89,999	12 8	NA	737,960	582,704	79 0	87 737	11 9
Average Weekly Hours	46.3	—	—	—	—	—	48 8	—	—	—	—	—	45 6	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	NA	428	148	34 6	6	1 4	NA	538	211	39 2	3	0 6	NA	524	170	32 4	2	0 4
[illegible]	—	428	148	—	6	—	—	536	211	—	3	—	—	524	170	—	2	—
[illegible]	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
[illegible]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	20,544	7,104	34 6	288	1 4	NA	25,824	10,128	39 2	144	0 6	NA	25,152	8,160	32 4	96	0 4
Average Weekly Hours	50 3	—	—	—	—	—	51 5	—	—	—	—	—	48 0	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

Factory	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift			Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Curtiss, Buffalo																																				
Total Number of Workers	NA	7,289	4,385	60 2	1,632	22.4	NA	7,261	4,447	61 2	1,751	24.1	NA	7,457	4,812	64 5	1,982	26 6	NA	8,102	5,089	62 8	2,251	27 8	NA	8,660	5,809	67.1	2,668	30 8	NA	9,006	6,300	70 0	3,003	33.3
Number of Workers	——	7,289	4,385	——	1,632	——	——	7,261	4,447	——	1,751	——	——	7,457	4,812	——	1,982	——	——	8,102	5,089	——	2,251	——	——	8,660	5,809	——	2,668	——	——	9,006	6,300	——	3,003	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	349,872	210,480	60 2	63,648	18 2	NA	348,528	213,456	61 2	68,289	19.6	NA	357,936	230,976	64.5	77,298	21.6	NA	388,896	244,272	62 8	87,789	22 6	NA	415,680	278,832	67 1	104,052	25 0	NA	432,288	302,400	70.0	117,117	27 1
Average Weekly Hours	45 5[9]	——	——	——	——	——	44 4[9]	——	——	——	——	——	45.5[9]	——	——	——	——	——	47.0[9]	——	——	——	——	——	45 5[9]	——	——	——	——	——	46 2[9]	——	——	——	——	——
Curtiss, Columbus																																				
Total Number of Workers	NA	1,979	744	37 6	92	4 6	NA	2,267	882	38.9	266	11.7	NA	2,646	1,240	46.9	417	15.8	NA	3,334	1,700	51 0	724	21.7	NA	3,688	1,922	52.1	802	21 7	NA	3,873	1,793	46.3	861	22 2
Number of Workers	——	1,979	744	——	92	——	——	2,267	882	——	266	——	——	2,646	1,240	——	417	——	——	3,334	1,700	——	724	——	——	3,688	1,922	——	802	——	——	3,873	1,793	——	861	——
Hours per Day	——	8	8	——	6·5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	94,992	35,712	37.6	3,588	3 8	NA	108,816	42,336	38 9	10,374	9.5	NA	127,008	59,520	46 9	16,263	12.8	NA	160,032	81,600	51 0	28,236	17.6	NA	177,024	92,256	52.1	31,278	17.7	NA	185,904	86,064	46.3	33,579	18.1
Average Weekly Hours	51 7	——	——	——	——	——	52 3	——	——	——	——	——	53.5	——	——	——	——	——	51.2	——	——	——	——	——	53 0	——	——	——	——	——	48 5	——	——	——	——	——
Curtiss, St. Louis																																				
Total Number of Workers	NA	3,141	1,774	56 5	1,105	35 2	NA	3,101	1,769	57 0	1,169	37.7	NA	3,158	1,840	58.3	1,197	37 9	NA	3,313	1,883	56 8	1,161	35.0	NA	3,260	1,837	56.3	1,050	32 2	NA	3,158	1,760	55 7	887	28 1
Number of Workers	——	3,141	1,774	——	1,105	——	——	3,101	1,769	——	1,169	——	——	3,158	1,840	——	1,197	——	——	3,313	1,883	——	1,161	——	——	3,260	1,837	——	1,050	——	——	3,158	1,760	——	887	——
Hours per Day	——	8	8	——	6.75	——	——	8	8	——	6.75	——	——	8	8	——	6.75	——	——	8	8	——	6 75	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	150,768	85,152	56.5	44,753	29 7	NA	148,848	84,912	57.0	47,345	31.8	NA	151,584	88,320	58.3	48,479	32.0	NA	159,024	90,384	56.8	47,021	29.6	NA	156,480	88,176	56.3	40,950	26 2	NA	151,584	84,480	55 7	34,593	22 8
Average Weekly Hours	47.2	——	——	——	——	——	46.0	——	——	——	——	——	45.3	——	——	——	——	——	45.2	——	——	——	——	——	45.8	——	——	——	——	——	46.0	——	——	——	——	——
Douglas, El Segundo																																				
Total Number of Workers	NA	1,567	1,093	69 8	640	40 8	NA	1,744	1,177	67.5	908	52.1	NA	1,875	1,306	69.7	972	51.8	NA	2,081	1,513	72.7	1,145	55.0	NA	2,271	1,712	75.4	1,246	54 9	NA	2,725	2,082	76.4	1,516	55 6
Number of Workers	——	1,526	1,055	——	34	——	——	1,744	1,177	——	36	——	——	1,875	1,306	——	143	——	——	2,081	1,513	——	37	——	——	2,271	1,712	——	62	——	——	2,725	2,082	——	1,516	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	41	38	——	606	——	——	——	——	——	872	——	——	——	——	——	829	——	——	——	——	——	1,108	——	——	——	——	——	1,184	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	7	——	——	——	——	——	7	——	——	——	——	——	7	——	——	——	——	——	7	——	——	——	——	——	6.5	——	——	——	——	——	——	——
Days per Week	——	6	6	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	——	——
Total Hours	NA	75,482	52,692	69 8	27,084	35 9	NA	83,712	56,496	67.5	38,352	45.8	NA	90,000	62,688	69.7	41,682	46.3	NA	99,888	72,624	72 7	48,312	48.4	NA	109,008	82,176	75.4	49,152	45 1	NA	130,800	99,936	76.4	59,124	45 2
Average Weekly Hours	47.7	——	——	——	——	——	44.6	——	——	——	——	——	47.1	——	——	——	——	——	47.2	——	——	——	——	——	45.7	——	——	——	——	——	44.0	——	——	——	——	——
Douglas, Long Beach																																				
Total Number of Workers	NA	4,318	3,095	71 7	213	4 9	NA	5,568	4,221	75.8	323	5.8	NA	6,673	5,053	75.7	423	6.3	NA	7,954	5,681	71.4	1,086	13.7	NA	8,866	6,448	72 7	1,419	16.0	NA	9,283	6,880	74.1	1,702	18 3
Number of Hours	——	4,318	3,095	——	213	——	——	5,568	4,221	——	323	——	——	6,673	5,053	——	423	——	——	7,954	5,681	——	1,086	——	——	8,866	6,448	——	1,419	——	——	9,283	6,880	——	1,702	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	207,264	148,560	71 7	8,946	4 3	NA	267,264	202,608	75.8	13,566	5.1	NA	320,304	242,544	75 7	17,766	5.5	NA	381,792	272,688	71 4	45,612	11.9	NA	425,568	309,504	72 7	55,341	13 0	NA	445,584	330,240	74.1	66,378	14 9
Average Weekly Hours	46.8	——	——	——	——	——	47.7	——	——	——	——	——	48.0	——	——	——	——	——	47.0	——	——	——	——	——	47.0	——	——	——	——	——	47 7	——	——	——	——	——
Douglas, Santa Monica																																				
Total Number of Workers	NA	8,056	5,898	73 2	3,567	44.3	NA	8,214	6,013	73.2	3,709	45 2	NA	7,840	5,439	69.4	3,335	42.5	NA	7,191	5,145	71 5	3,259	45 3	NA	7,566	5,408	71 5	3,554	47.0	NA	8,322	5,621	67 5	3,652	43 9
Number of Hours	——	8,056	5,898	——	3,567	——	——	8,214	6,013	——	3,709	——	——	7,840	5,439	——	3,335	——	——	7,191	5,145	——	3,259	——	——	7,566	5,408	——	3,554	——	——	8,322	5,621	——	3,652	——
Hours per Day	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	7	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	386,688	283,104	73 2	149,814	38 7	NA	394,272	288,624	73.2	155,778	39.5	NA	376,320	261,072	69 4	140,070	37.2	NA	345,168	246,960	71 5	136,878	39.7	NA	363,168	259,584	71 5	138,606	38 2	NA	399,456	269,808	67 5	142,428	35 7
Average Weekly Hours	47 6	——	——	——	——	——	45.3	——	——	——	——	——	45.7	——	——	——	——	——	46.0	——	——	——	——	——	44.4	——	——	——	——	——	43 8	——	——	——	——	——
Douglas, Tulsa																																				
Total Number of Workers	NA	15	0	0	0	0	NA	72	0	0	0	0	NA	142	19	13 4	0	0	NA	393	73	18 6	0	0	NA	857	142	16 6	0	0	NA	1,261	433	34 3	62	4 9
Number of Hours	——	15	——	——	——	——	——	33	——	——	——	——	——	94	19	——	——	——	——	207	3	——	——	——	——	811	133	——	——	——	——	1,210	413	——	62	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	6 5	——
Days per Week	——	6	——	——	——	——	——	6	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	39	——	——	——	——	——	48	——	——	——	——	——	186	70	——	——	——	——	46	142	——	——	——	——	9	3	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	——	——	——	——	——	10	——	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	8 5	8 5	——	——	——
Days per Week	——	——	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	3	17	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	9	10	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	39	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	10	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	——	——	——	——
Total Hours	NA	720	0	0	0	0	NA	3,924	0	0	0	0	NA	7,392	912	12.3	0	0	NA	21,096	4,344	20 6	0	0	NA	41,688	14,904	35 8	0	0	NA	61,041	20,997	34 4	2,418	4 0
Average Weekly Hours	NA	——	——	——	——	——	54 5	——	——	——	——	——	51 6	——	——	——	——	——	54 6	——	——	——	——	——	48 7	——	——	——	——	——	48 0	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

FACILITY	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Eastern, Linden[10]																																				
Total Number of Workers							NA	4	0	0	0	0	NA	112	6	5.4	0	0	NA	652	50	7 9	0	0	NA	693	121	17 5	0	0	NA	717	340	47 4	0	0
Number of Workers								4						112	6					404	9					500	24					522	225			
Hours per Day								8						8	8					8	8					8	8					8	8			
Days per Week								5						6	6					6	6					6	6					6	6			
Number of Workers																				168	41					193	97					195	112			
Hours per Day																				11	11					10	10					10	10			
Days per Week																				5 91	5.91					6	6					6	6			
Total Hours							NA	160	0	0	0	0	NA	5,376	288	5 4	0	0	NA	33,194	3,097	9 3	0	0	NA	35,580	6,972	19 6	0	0	NA	36,756	17,664	48 1	0	0
Average Weekly Hours							39 1						36.3						51 2						50.6						48 6					
Eastern, Trenton																																				
Total Number of Hours																																				
Number of Workers																																				
Hours per Day																																				
Days per Week																																				
Number of Workers																																				
Hours per Day																																				
Days per Week																																				
Number of Workers																																				
Hours per Day																																				
Days per Week																																				
Total Hours																																				
Average Weekly Hours													NA 48.4[9]	4,272	1,920	44 9	0	0	NA 51.1[9]	11,195	3,456	30.9	0	0	NA 55 6	15,675	6,372	40.7	0	0	NA 49 6	25,775	7,428	28 8	0	0
Fairchild, Hagerstown																																				
Total Number of Workers	NA	1,978	1,117	56 5	629	31.8	NA	2,152	1,375	63.9	827	38.4	NA	2,218	1,385	62.4	867	39.1	NA	2,281	1,439	63.1	890	39.0	NA	2,440	1,351	55 4	811	33 2	NA	2,409	1,359	56 4	722	30 0
Number of Workers		1,978	1,117		629			2,152	1,375		827			2,218	1,385		867			2,281	1,439		890			2,440	1,351		811			2,409	1,359		722	
Hours per Day		8	8		7			8	8		7			8	8		7			8	8		7			8	8		6 5			8	8		6 5	
Days per Week		6	6		6			6	6		6			6	6		6			6	6		6			6	6		6			6	6		6	
Total Hours	NA	94,944	53,616	56.5	26,418	27.8	NA	103,296	66,000	63.9	34,734	33.6	NA	106,464	66,480	62.4	36,414	34.2	NA	109,488	69,072	63.1	37,380	34.1	NA	117,120	64,848	55.4	31,629	27 0	NA	115,632	65,232	56 4	28,158	24 4
Average Weekly Hours	49 0						48.0						48.2						48.0						48.0						48 0					
Fleetwings, Bristol																																				
Total Number of Workers	NA	1,363	359	26 3	3	0 2	NA	1,361	403	29.6	3	0.2	NA	1,496	477	31.9	3	0 2	NA	1,687	455	27.0	5	0.3	NA	1,846	451	24.4	6	0 3	NA	1,881	450	23 9	6	0 3
Number of Workers					3						3						3						5						6						6	
Hours per Day					8						8						8						8						8						8	
Days per Week					6 67						6						6						6						6						6	
Total Hours	NA	75,880	19,996	26.4	160	0.2	NA	76,050	22,506	29 6	144	0.2	NA	83,592	26,328	31 5	144	0 2	NA	93,366	24,726	26 5	240	0 3	NA	102,222	24,564	24 0	288	0 3	NA	103,782	24,372	23 5	288	0 3
Average Weekly Hours	54 0						NA						NA						56 9						54,9						54.9					
Ford, Willow Run																																				
Total Number of Workers	NA	77	51	66 2	0	0	NA	143	77	53.8	0	0	NA	280	472	168 6	0	0	NA	610	446	73 1	0	0	NA	1,740	1,332	76 6	222	12 8	NA	2,856	2,111	73 9	564	19 7
Number of Workers		77	51					143	77					280	472					610	446					1,740	1,332		222			2,856	2,111		564	
Hours per Day		10	10					10	10					9 66	9 66					9 66	9.66					8	8		8			8	8		8	
Days per Week		5	5					6	6					5 80	5 80					5 80	5 80					6	6		6			6	6		6	
Total Hours	NA	3,550	2,550	66 2	0	0	NA	5,580	4,620	53 8	0	0	NA	15,688	26,445	168 6	0	0	NA	34,177	24,988	73 1	0	0	NA	83,520	63,936	76 6	10,656	12 8	NA	137,088	101,328	73 9	27,072	19 7
Average Weekly Hours	NA						NA						58 0						58 0						48 0						48 0					
Globe, Ft. Worth[11]																																				
Total Number of Workers																			NA	28	27	96 4	0	0	NA	40	37	92 5	0	0	NA	70	53	75 7	6	8 6
Number of Workers																				28	27					40	37					70	53		6	
Hours per Day																				8 5	8.5					8.5	8 5					8 75	8 75		8 75	
Days per Week																				5.5	5 5					5 5	5 5					5 50	5 50		5 50	
Total Hours																			NA	1,309	1,262	96 4	0	0	NA	1,870	1,730	92 5	0	0	NA	3,369	2,551	75 7	289	8 6
Average Weekly Hours																			44 0						44 0						46.0					
Goodyear, Akron																									NA	1,160	513	44 2	292	25 2	NA	1,356	629	46 4	436	32 2
Total Number of Workers																										1,160	513		292			1,356			436	
Number of Workers																										8	8		6 5						6 5	
Hours per Day																										6 5	6 5		6 5			6 5	6 5		6 5	
Days per Week																									NA	60,720	26,676	44 2	12,737	20 5	NA	70,512	32,708	46 4	18,421	26 1
Total Hours																									NR						NR					
Average Weekly Hours																																				

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF [illegible] HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible], Total																		
Number of Workers	NA	567	177	31 2	146	25 7	NA	766	160	20 9	111	14 5	NA	800	262	32 8	182	22 8
Number of Workers	—	567	177	—	146	—	—	766	160	—	111	—	—	800	262	—	182	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	27,216	8,231	30 2	6,789	24 9	NA	36,766	7,440	20 2	5,162	14 0	NA	38,400	12,183	31 7	8,463	22 0
Average Weekly Hours	47 0	—	—	—	—	—	47 0	—	—	—	—	—	47 0	—	—	—	—	—
[illegible] Dallas																		
Total Number of Workers	NA	3,308	2,233	67 5	3	0 1	NA	3,399	2,582	76 0	3	0 1	NA	3,199	2,392	74 8	3	0 1
Number of Workers	—	3,308	2,233	—	3	—	—	2,844	2,092	—	3	—	—	1,957	1,322	—	3	—
Number of Workers	—	8	—	—	8	—	—	8	5	—	8	—	—	8	8	—	8	—
Hours per Day	—	5	5	—	5	—	—	5	5	—	5	—	—	5	5	—	5	—
Days per Week	—	—	—	—	—	—	—	555	490	—	—	—	—	1,242	1,070	—	—	—
Number of Workers	—	—	—	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	—	—	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Days per Week	—	—	—	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Total Hours	NA	132,320	89,320	67 5	120	0.1	NA	144,840	111,120	76 7	120	0.1	NA	147,832	112,800	76 3	120	0.1
Average Weekly Hours	44 6	—	—	—	—	—	42 3	—	—	—	—	—	41.3	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	NA	7,166	5,234	73 0	28	0 4	NA	7,425	5,466	73 6	0	0	NA	8,090	6,225	76 9	0	0
Number of Workers	—	2,160	1,627	—	28	—	—	2,368	1,851	—	—	—	—	2,468	2,085	—	—	—
Number of Workers	—	10	10	—	6	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	6	5 6	—	6 5	—	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—
Days per Week	—	4,316	3,607	—	—	—	—	5,057	3,615	—	—	—	—	3,661	2,346	—	—	—
Number of Workers	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Hours per Day	—	6	5 6	—	—	—	—	5 9	5 9	—	—	—	—	5 9	5 9	—	—	—
Days per Week	—	690	—	—	—	—	—	—	—	—	—	—	—	1,961	1,794	—	—	—
Number of Workers	—	9	—	—	—	—	—	—	—	—	—	—	—	9	9	—	—	—
Hours per Day	—	5	—	—	—	—	—	—	—	—	—	—	—	5	5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	393,714	272,905	69 3	1,092	0 3	NA	405,871	299,315	73.7	0	0	NA	425,788	326,233	76 6	0	0
Average Weekly Hours	52 0	—	—	—	—	—	55 2	—	—	—	—	—	53.0	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	NA	809	90	11 1	0	0	NA	1,078	241	22 4	0	0	NA	1,686	834	49.5	0	0
Number of Workers	—	—	21	—	—	—	—	—	87	—	—	—	—	1,067	632	—	—	—
Number of Workers	—	—	8	—	—	—	—	—	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	—	5	—	—	—	—	—	5	—	—	—	—	5	5	—	—	—
Days per Week	—	—	69	—	—	—	—	—	59	—	—	—	—	10	202	—	—	—
Number of Workers	—	—	10	—	—	—	—	—	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	—	5	—	—	—	—	—	5	—	—	—	—	5	5 5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	95	—	—	—	—	609	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	10	—	—	—	—	10	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	5 5	—	—	—	—	5 5	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	38,640	4,240	11 1	0	0	NA	51,614	11,655	22 6	0	0	NA	76,675	36,290	47 5	0	0
Average Weekly Hours	52 1	—	—	—	—	—	51 6	—	—	—	—	—	47 9	—	—	—	—	—
Northrop, Hawthorne																		
Total Number of Workers	NA	1,979	1,354	68 4	756	38 2	NA	2,410	1,572	65 2	1,057	67 2	NA	2,417	1,722	71 2	1,306	54 0
Number of Workers	—	1,979	1,354	—	756	—	—	2,410	1,572	—	1,057	—	—	2,417	1,722	—	1,306	—
Number of Workers	—	8	8	—	6 75	—	—	8	8	—	6 75	—	—	8	8	—	6 75	—
Hours per Day	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	110,524	74,154	67 1	35,721	32 2	NA	134,960	88,032	65 2	40,943	37 0	NA	135,352	96,432	71 2	61,709	45 6
Average Weekly Hours	53 3	—	—	—	—	—	53 3	—	—	—	—	—	53 3	—	—	—	—	—
[illegible] Vancouver																		
Total Number of Workers	NA	606	506	83 5	0	0	NA	606	0	0	0	0	NA	641	133	20 7	0	0
Number of Workers	—	606	506	—	—	—	—	606	—	—	—	—	—	641	145	—	—	—
Number of Workers	—	8	8	—	—	—	—	8 15	—	—	—	—	—	8	8	—	—	—
Hours per Day	—	5	5	—	—	—	—	5	—	—	—	—	—	5	5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	24,240	19,680	82 3	0	0	NA	24,695	0	0	0	0	NA	25,640	5,320	20	0	0
Average Weekly Hours	40 0	—	—	—	—	—	NA	—	—	—	—	—	40 0	—	—	—	—	—

	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
[illegible], Total																		
Number of Workers	NA	975	240	24 6	173	17 7	NA	997	331	33 2	251	25 2	NA	1,127	370	32 8	252	22 3
Number of Workers	—	975	240	—	173	—	—	607	256	—	251	—	—	794	352	—	276	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	175	75	—	—	—	—	964	18	—	76	—
Hours per Day	—	—	—	—	—	—	—	9	9 75	—	—	—	—	9	9 75	—	9 75	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	215	—	—	—	—	—	229	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	—	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	NA	46,800	11,160	23 8	8,045	17 2	NA	51,486	16,292	31 6	11,672	22 7	NA	57,468	17,421	30 3	17,280	30 1
Average Weekly Hours	47 0	—	—	—	—	—	49 1	—	—	—	—	—	49 1	—	—	—	—	—
[illegible] Dallas																		
Total Number of Workers	NA	3,671	2,697	73 5	3	0 1	NA	2,979	1,848	62 0	2	0 1	NA	3,112	2,081	66 9	0	0
Number of Workers	—	2,712	1,894	—	3	—	—	2,979	1,848	—	2	—	—	3,112	2,081	—	—	—
Number of Workers	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	—	—
Hours per Day	—	5	5	—	5	—	—	7	7	—	7	—	—	5	5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	162,184	120,728	74.4	120	0 1	NA	166,324	103,488	62 0	112	0 1	NA	124,480	83,240	66 9	0	0
Average Weekly Hours	41 7	—	—	—	—	—	40 2	—	—	—	—	—	40 9	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	NA	7,599	6,114	80 5	0	0	NA	7,652	5,870	76 7	0	0	NA	7,524	5,677	75 5	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	347,732	275,306	79 2	0	0	NA	361,506	273,981	75 8	0	0	NA	381,292	285,900	75 0	0	0
Average Weekly Hours	47 0	—	—	—	—	—	47 0	—	—	—	—	—	50 7	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	NA	2,253	1,438	63 8	0	0	NA	2,749	1,976	71 9	0	0	NA	3,180	2,494	78 1	0	0
Number of Workers	—	1,524	3	—	—	—	—	3	3	—	—	—	—	3	3	—	—	—
Number of Workers	—	8	3	—	—	—	—	3	3	—	—	—	—	3	3	—	—	—
Hours per Day	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	179	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	550	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	5 5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	100,160	61,773	61 7	—	0	NA	126,945	88,553	69 8	0	0	NA	135,038	103,771	76 8	0	0
Average Weekly Hours	43 7	—	—	—	—	—	48 7	—	—	—	—	—	46 5	—	—	—	—	—
[illegible] Vancouver																		
Total Number of Workers	NA	2,568	1,802	70 2	1,391	54 2	NA	2,623	1,856	70 8	1,407	53 6	NA	2,587	1,865	72 1	1,434	55 4
Number of Workers	—	2,568	1,802	—	1,391	—	—	2,623	1,856	—	1,407	—	—	2,587	1,865	—	1,434	—
Number of Workers	—	8	8	—	6 75	—	—	8	8	—	6	—	—	8	8	—	6 5	—
Hours per Day	—	7	7	—	7	—	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	143,808	100,912	70 2	65,725	45 7	NA	125,904	89,033	70 8	67,536	53 6	NA	124,176	89,520	72 1	55,020	45 0
Average Weekly Hours	53 3	—	—	—	—	—	46 0	—	—	—	—	—	43 5	—	—	—	—	—
[illegible] Vancouver																		
Total Number of Workers	NA	647	154	23 8	0	0	NA	699	163	23 3	52	7 4	NA	679	224	33 0	44	6 7
Number of Workers	—	647	154	—	—	—	—	699	163	—	52	—	—	679	224	—	44	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Hours per Day	—	5	5	—	—	—	—	5	5	—	6	—	—	5	5	—	6	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	25,880	6,160	23 8	0	0	NA	25,580	4,520	25 5	2,028	7 9	NA	27,160	8,960	33 0	1,760	6 5
Average Weekly Hours	40 0	—	—	—	—	—	40 0	—	—	—	—	—	40 0	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

Actual	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Republic, Evansdale																		
Total Number of Workers	NA	3,172	726	22 9	270	8 5	NA	3,393	1,266	37 3	0	0	NA	3,354	1,451	43 3	0	0
Number of Workers		1,101	8		270			3,393	1,266					3,307	1,451			
Hours per Day		10	10		7			10	10					10	10			
Days per Week		7	7		7			6	6					6	6			
Number of Workers		18	718											47				
Hours per Day		10	7 5											8				
Days per Week		6	7											6				
Number of Workers		2,053																
Hours per Day		8																
Days per Week		7																
Total Hours	NA	193,118	38,255	19 8	13,230	6 9	NA	203,580	75,960	37 3	0	0	NA	200,676	87,060	43.4	0	0
Average Weekly Hours	58 7						62.0						59 9					
Ryan, San Diego																		
Total Number of Workers	NA	1,085	420	38 7	4	0 4	NA	1,025	394	38 4	3	0.3	NA	1,006	378	37.6	3	0 3
Number of Workers		1,085	420		4			1,025	394		3			1,006	378		3	
Hours per Day		8	8		6 5			8	8		8			8	8		6.5	
Days per Week		6	6		6			5	5		5			5	5		5	
Total Hours	NA	52,080	20,160	38 7	156	0 3	NA	41,000	15,760	38 4	120	0 3	NA	40,240	15,120	37.6	98	0 2
Average Weekly Hours	48 0						40 0						40 0					
St Louis Aircraft, St Louis																		
Total Number of Workers	NA	80	14	17 5	0	0	NA	71	12	16.9	0	0	NA	64	10	15.6	0	0
Number of Workers		80	14					71	12					64	10			
Hours per Day		8	8					8	8					8	8			
Days per Week		6	6					6	6					5	5			
Total Hours	NA	3,840	672	17 5	0	0	NA	3,408	576	16 9	0	0	NA	2,560	400	15 6	0	0
Average Weekly Hours	52 5						52 0						44 8					
Spartan, Tulsa																		
Total Number of Workers	NA	305	222	72 8	73	23 9	NA	338	244	72 2	24	7.1	NA	327	252	77 1	0	0
Number of Workers		305	222		73			338	244		24			327	252			
Hours per Day		8	8		6 5			8	8		6 5			8	8			
Days per Week		5	5		5			6	6		5			6	6			
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours	NA	12,200	8,880	72 8	2,373	19 5	NA	16,224	11,712	72 2	780	4 8	NA	15,696	12,096	77 1		
Average Weekly Hours	35 5						45 7						48 3					
Taylorcraft, Alliance																		
Total Number of Workers	NA	259	26	10 0	0	0	NA	272	25	9 2	0	0	NA	289	0	0	0	0
Number of Workers		259	26					272	25					289				
Hours per Day		8	8					8	8					8				
Days per Week		5	5					6	6					6				
Total Hours	NA	10,360	1,040	10 0	0	0	NA	13,056	1,200	9 2	0	0	NA	13,872	0	0	0	0
Average Weekly Hours	46 6						48 0						NA					

Actual	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Republic, Evansdale																		
Total Number of Workers	NA	3,681	1,810	49 2	0	0	NA	4,149	2,145	51 7	0	0	NA	4,609	2,317	50 3	0	0
Number of Workers		3,637	1,804					4,149	2,145					4 609	2,317			
Hours per Day		10	10					10	10					10	10			
Days per Week		6	6					6	6					6	6			
Number of Workers		44	6															
Hours per Day		8	8															
Days per Week		6	6															
Total Hours	NA	220,332	108,528	49 3	0	0	NA	248,940	128,700	51 7	0	0	NA	276,540	139,020	50.3	0	0
Average Weekly Hours	59.9						58.0						57 0					
Ryan, San Diego																		
Total Number of Workers	NA	971	374	38.5	3	0.3	NA	934	357	38 2	3	0 3	NA	923	393	42 6	0	0
Number of Workers		971	374		3			934	357		3			923	393			
Hours per Day		8	8		6 5			8	8		6 5			8	8			
Days per Week		5	5		5			5	5		5			6	6			
Total Hours	NA	38,840	14,960	38.5	98	0.3	NA	37,360	14,280	38 2	98	0 3	NA	44,304	18,864	42 6	0	0
Average Weekly Hours	42 4						46 0						49 0					
St Louis Aircraft, St Louis																		
Total Number of Workers	NA	56	10	17.9	0	0	NA	56	0	0	0	0	NA	67	8	11 9	0	0
Number of Workers		56	10					56						67	8			
Hours per Day		8	8					8						8	8			
Days per Week		5.5	5					5 5						6	6			
Total Hours	NA	2,464	400	16 2	0	0	NA	2,464	0	0	0	0	NA	3,216	384	11 9	0	0
Average Weekly Hours	42 1						48 0						49 0					
Spartan, Tulsa																		
Total Number of Workers	NA	383	248	64 8	0	0	NA	379	216	57 0	0	0	NA	281	138	49 1	0	0
Number of Workers		383	248					90	39					82	19			
Hours per Day		8	8					8	8					8	8			
Days per Week		6	6					6	6					6	6			
Number of Workers								289	177					199	119			
Hours per Day								8	8					8	8			
Days per Week								5	5					5	5			
Total Hours	NA	18,384	11,904	64 8	0	0	NA	15,880	8,952	56 4	0	0	NA	11,596	5,672	47 7	0	0
Average Weekly Hours	47 1						43 0						NA					
Taylorcraft, Alliance																		
Total Number of Workers	NA	288	0	0	0	0	NA	281	0	0	0	0	NA	300	80	20 0	0	0
Number of Workers		288						281						300	60			
Hours per Day		8						8						8	8			
Days per Week		6						6						5	6			
Total Hours	NA	13,824	0	0	0	0	NA	13,488	0	0	0	0	NA	14,400	2,880	20 0	0	0
Average Weekly Hours	NA						NA						NA					

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1942

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Waco, Troy																		
Total Number of Workers	NA	374	59	15 8	13	3.5	NA	368	60	16.3	6	1.6	NA	335	73	21.8	0	0
Number of Workers	——	374	59	——	13	——	——	368	60	——	6	——	——	335	73	——	——	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	11	11	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	7	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	17,952	2,832	15.8	624	3 5	NA	17,664	2,880	16.3	336	1.9	NA	18,425	4,015	21.8	0	0
Average Weekly Hours	50.2	——	——	——	——	——	47.0	——	——	——	——	——	52.0	——	——	——	——	——

FACILITY	APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Waco, Troy																		
Total Number of Workers	NA	357	112	31.4	0	0	NA	465	151	32.5	0	0	NA	580	191	32 9	0	0
Number of Workers	——	357	112	——	——	——	——	465	151	——	——	——	——	78	15	——	——	——
Hours per Day	——	11	11	——	——	——	——	11	11	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	502	170	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	11	11	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	8.5	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	7	——	——	——
Total Hours	NA	19,635	6,160	31.4	0	0	NA	25,575	8,305	32.5	0	0	NA	31,354	10,427	33.3	0	0
Average Weekly Hours	53.5	——	——	——	——	——	53.5	——	——	——	——	——	53 0	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

FACILITY	JULY — Actual: All Shifts	JULY — Actual: First Shift	JULY — Scheduled: Second Shift Number	JULY — Scheduled: Second Shift % of First	JULY — Scheduled: Third Shift Number	JULY — Scheduled: Third Shift % of First
ALL FACILITIES	NA	181,213	115,766	63 9	40,698	22 5
Total Number of Workers	NA	8,848,937	5,462,784	61 7	1,649,658	18 6
Total Hours		48.8	47 2	—	40 5	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA	448	146	32 6	14	3 1
Number of Workers	—	448	146	—	14	—
Hours per Day	—	7.5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	20,160	6,570	32 6	630	3 1
Average Weekly Hours	45 0					
Beech, Wichita						
Total Number of Workers	NA	4,462	2,608	58 4	791	17 7
Number of Workers	—	4,462	2,608	—	791	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	5.875	5.875	—	7.0	—
Total Hours	NA	209,714	122,576	58.4	35,991	17 2
Average Weekly Hours	46.9					
Bell, Buffalo[3]						
Total Number of Workers	NA	4,335	2,725	62.9	1,428	32.9
Number of Workers	—	2,134	1,391	—	989	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	7	7	—	7	—
Number of Workers	—	1,706	749	—	128	—
Hours per Day	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	495	585	—	311	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	5	5	—	5	—
Total Hours	NA	231,192	137,248	62 0	60,099	27.2
Average Weekly Hours	43.2					
Bellanca, Newcastle						
Total Number of Workers	NA	429	227	52 9	40	9.3
Number of Workers	—	429	85	—	40	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	142	—	—	—
Hours per Day	—	—	9.5	—	—	—
Days per Week	—	—	5	—	—	—
Total Hours	NA	20,592	10,825	52 6	1,920	9.3
Average Weekly Hours	47.4					
Boeing, Renton						
Total Number of Workers	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—

FACILITY	AUGUST — Actual: All Shifts	AUGUST — Actual: First Shift	AUGUST — Scheduled: Second Shift Number	AUGUST — Scheduled: Second Shift % of First	AUGUST — Scheduled: Third Shift Number	AUGUST — Scheduled: Third Shift % of First
ALL FACILITIES	NA	192,402	125,968	65 5	46,200	24 0
Total Number of Workers	NA	9,495,467	6,115,195	64 4	1,914,759	20 2
Total Hours		49 4	48 6	—	41 5	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA	475	156	32 8	11	2 3
Number of Workers	—	475	156	—	11	—
Hours per Day	—	7 5	7.5	—	7 5	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	21,375	7,020	32.8	495	2 3
Average Weekly Hours	45 0					
Beech, Wichita						
Total Number of Workers	NA	4,551	3,268	71 8	737	16 2
Number of Workers	—	4,551	3,268	—	737	—
Hours per Day	—	7 715	7 715	—	6 271	—
Days per Week	—	7	7	—	7	—
Total Hours	NA	245,754	176,472	71.8	32,354	13 2
Average Weekly Hours	49.5					
Bell, Buffalo[3]						
Total Number of Workers	NA	4,504	2,979	66.1	1,478	32.8
Number of Workers	—	4,504	2,979	—	1,478	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	NA	216,192	142,992	66.1	57,642	26.7
Average Weekly Hours	42.9					
Bellanca, Newcastle						
Total Number of Workers	NA	427	231	54.1	43	10.1
Number of Workers	—	427	87	—	43	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	144	—	—	—
Hours per Day	—	—	9.5	—	—	—
Days per Week	—	—	5	—	—	—
Total Hours	NA	20,496	11,016	53.7	2,064	10.1
Average Weekly Hours	47.4					
Boeing, Renton						
Total Number of Workers	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—

FACILITY	SEPTEMBER — Actual: All Shifts	SEPTEMBER — Actual: First Shift	SEPTEMBER — Scheduled: Second Shift Number	SEPTEMBER — Scheduled: Second Shift % of First	SEPTEMBER — Scheduled: Third Shift Number	SEPTEMBER — Scheduled: Third Shift % of First
ALL FACILITIES	NA	205,037	134,069	65.4	50,961	24.9
Total Number of Workers	NA	10,124,288	6,514,250	64 3	2,120,970	20.9
Total Hours		49 4	48 6	—	41.6	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA	495	196	39 6	35	7.1
Number of Workers	—	495	196	—	8	—
Hours per Day	—	7.5	8	—	6	—
Days per Week	—	6	6	—	—	—
Total Hours	NA	22,275	9,408	42.2	1,680	7.5
Average Weekly Hours	47.0					
Beech, Wichita						
Total Number of Workers	NA	4,523	3,219	71.2	884	19 5
Number of Workers	—	4,523	3,219	—	884	—
Hours per Day	—	7.715	7.715	—	6.271	—
Days per Week	—	7	7	—	7	—
Total Hours	NA	244,242	173,826	71 2	38,808	15.9
Average Weekly Hours	47.5					
Bell, Buffalo[3]						
Total Number of Workers	NA	5,106	3,529	69.1	1,820	35.6
Number of Workers	—	5,106	3,529	—	1,820	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	NA	245,088	169,392	69.1	70,980	29.0
Average Weekly Hours	41.9					
Bellanca, Newcastle						
Total Number of Workers	NA	417	250	60.0	95	22.8
Number of Workers	—	417	80	—	95	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	170	—	—	—
Hours per Day	—	—	9.5	—	—	—
Days per Week	—	—	5	—	—	—
Total Hours	NA	20,016	11,915	59 5	4,560	23.8
Average Weekly Hours	47.8					
Boeing, Renton						
Total Number of Workers	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—

FACILITY	OCTOBER — Actual: All Shifts	OCTOBER — Actual: First Shift	OCTOBER — Scheduled: Second Shift Number	OCTOBER — Scheduled: Second Shift % of First	OCTOBER — Scheduled: Third Shift Number	OCTOBER — Scheduled: Third Shift % of First
ALL FACILITIES	NA	218,395	145,103	66.4	55,344	25 3
Total Number of Workers	NA	10,777,099	7,059,585	65 5	2,285,112	21 2
Total Hours		49 4	48 7	—	41 3	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA	502	196	39 0	37	7 4
Number of Workers	—	502	196	—	37	—
Hours per Day	—	7.5	8	—	8	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	22,590	9,408	41.6	1,776	7 9
Average Weekly Hours	47 0					
Beech, Wichita						
Total Number of Workers	NA	4,361	3,160	72.5	945	21.7
Number of Workers	—	4,361	3,160	—	945	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	209,328	151,680	72.5	36,855	17.6
Average Weekly Hours	47.0					
Bell, Buffalo[3]						
Total Number of Workers	NA	6,500	5,276	81.2	2,886	44.4
Number of Workers	—	6,500	5,276	—	2,886	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	NA	312,000	253,248	81.2	112,554	36.1
Average Weekly Hours	45.1					
Bellanca, Newcastle						
Total Number of Workers	NA	437	260	59.5	99	22.7
Number of Workers	—	437	85	—	99	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	175	—	—	—
Hours per Day	—	—	9.5	—	—	—
Days per Week	—	—	5	—	—	—
Total Hours	NA	20,976	12,393	59.1	4,752	22 7
Average Weekly Hours	47.2					
Boeing, Renton						
Total Number of Workers	NA	256	87	34.0	0	0
Number of Workers	—	38	6	—	—	—
Hours per Day	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—
Number of Workers	—	213	81	—	—	—
Hours per Day	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—
Number of Workers	—	5	—	—	—	—
Hours per Day	—	8	—	—	—	—
Days per Week	—	7	—	—	—	—
Total Hours	NA	12,024	4,128	34.3	0	0
Average Weekly Hours	47 1					

FACILITY	NOVEMBER — Actual: All Shifts	NOVEMBER — Scheduled: First Shift	NOVEMBER — Scheduled: Second Shift Number	NOVEMBER — Scheduled: Second Shift % of First	NOVEMBER — Scheduled: Third Shift Number	NOVEMBER — Scheduled: Third Shift % of First
ALL FACILITIES	NA	240,208	158,408	65 9	59,858	24 9
Total Number of Workers	NA	11,880,875	7,729,699	65 1	2,438,062	20 5
Total Hours		49.5	48.8	—	40 7	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA	512	202	39 5	41	8 0
Number of Workers	—	512	202	—	41	—
Hours per Day	—	7.5	8	—	8	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	23,040	9,696	42.1	1,968	8.5
Average Weekly Hours	47 0					
Beech, Wichita						
Total Number of Workers	NA	4,144	3,104	74.9	979	23 6
Number of Workers	—	4,144	3,104	—	979	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	198,912	148,992	74.9	38,181	19.2
Average Weekly Hours	45 7					
Bell, Buffalo[3]						
Total Number of Workers	NA	7,137	5,688	79.7	2,569	36.0
Number of Workers	—	7,137	5,688	—	2,569	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	NA	342,576	273,024	79.7	100,191	29.2
Average Weekly Hours	46.7					
Bellanca, Newcastle						
Total Number of Workers	NA	486	282	58.0	110	22.6
Number of Workers	—	486	102	—	110	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	180	—	—	—
Hours per Day	—	—	9.5	—	—	—
Days per Week	—	—	5	—	—	—
Total Hours	NA	23,328	13,446	57.6	5,280	22.6
Average Weekly Hours	47.4					
Boeing, Renton						
Total Number of Workers	NA	299	108	36.1	1	0 3
Number of Workers	—	13	5	—	1	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	5	5	—	5	—
Number of Workers	—	275	102	—	—	—
Hours per Day	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—
Number of Workers	—	11	1	—	—	—
Hours per Day	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—
Total Hours	NA	14,336	5,152	35 9	39	0 3
Average Weekly Hours	47 9					

FACILITY	DECEMBER — Actual: All Shifts	DECEMBER — Actual: First Shift	DECEMBER — Scheduled: Second Shift Number	DECEMBER — Scheduled: Second Shift % of First	DECEMBER — Scheduled: Third Shift Number	DECEMBER — Scheduled: Third Shift % of First
ALL FACILITIES	22,026	233,707	162,673	69 6	61,465	26 3
Total Number of Workers	956,737	11,223,344	7,912,315	70 5	2,538,184	22 6
Total Hours	43 4	48 0	48 6	—	41 3	—
Average Weekly Hours						
Aeronca, Middletown						
Total Number of Workers	NA					
Number of Workers	—					
Hours per Day	—					
Days per Week	—					
Total Hours	NA					
Average Weekly Hours	47 0					
Beech, Wichita						
Total Number of Workers	NA	4,116	3,084	74 9	967	23 5
Number of Workers	—	4,116	3,084	—	967	—
Hours per Day	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—
Total Hours	NA	197,568	148,032	74 9	37,713	19 1
Average Weekly Hours	45 5					
Bell, Buffalo[3]						
Total Number of Workers	NA					
Number of Workers	—					
Hours per Day	—					
Days per Week	—					
Number of Workers	—					
Hours per Day	—					
Days per Week	—					
Number of Workers	—					
Hours per Day	—					
Days per Week	—					
Total Hours	NA					
Average Weekly Hours	47.4					
Bellanca, Newcastle						
Total Number of Workers	NA	523	304	58.1	125	23.9
Number of Workers	—	523	304	—	125	—
Hours per Day	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—
Total Hours	NA	25,104	14,592	58 1	6,000	23 9
Average Weekly Hours	47.4					
Boeing, Renton						
Total Number of Workers	NA	434	169	38.9	1	0 2
Number of Workers	—	16	166	—	1	—
Hours per Day	—	8	8	—	6 5	—
Days per Week	—	5	8	—	7	—
Number of Workers	—	410	3	—	—	—
Hours per Day	—	8	8	—	—	—
Days per Week	—	6	7	—	—	—
Number of Workers	—	8	—	—	—	—
Hours per Day	—	8	—	—	—	—
Days per Week	—	7	—	—	—	—
Total Hours	NA	30,768	8,136	39.2	46	0 2
Average Weekly Hours	47 9					

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual		Scheduled				Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Seattle																		
Total Number of Workers	NA	[illegible]	[illegible]	71 0	4,367	34 8	NA	8,557	6,698	78 3	3,309	38 7	NA	9,671	6,486	67 1	1,627	16 8
Number of Workers	——	3,303	2,036	——	866	——	——	1,538	1,308	——	658	——	——	1,559	883	——	279	——
Hours per Day	——	[illegible]	[illegible]	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	5,428	4,735	——	2,465	——	——	6,797	5,281	——	2,585	——	——	6,724	4,566	——	1,269	——
Hours per Day	——	[illegible]	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	247	102	——	36	——	——	222	109	——	66	——	——	1,388	1,037	——	79	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	442,496	314,432	71 1	125,918	28 5	NA	400,208	311,912	77 9	125,203	31 3	NA	462,840	312,560	67 5	62,153	13 4
Average Weekly Hours	44 4	——	——	——	——	——	45 1	——	——	——	——	——	47 2	——	——	——	——	——
Boeing, Wichita, No. 1																		
Total Number of Workers	NA	1,249	441	35 3	217	17 4	NA	1,496	644	43 0	319	21 3	NA	1,933	1,006	52 0	438	22 7
Number of Workers	——	1,249	441	——	217	——	——	1,496	644	——	319	——	——	1,933	1,006	——	438	——
Hours per Day	——	7 5	7 5	——	7.5	——	——	7 5	7 5	——	7.5	——	——	7 5	7 5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	7	7	——	7	——
Total Hours	NA	56,205	19,845	35 3	9,765	17 4	NA	67,320	28,980	43 0	14,355	21 3	NA	101,483	52,815	52 0	22,995	22 7
Average Weekly Hours	45 0	——	——	——	——	——	52 5	——	——	——	——	——	52.5	——	——	——	——	——
Boeing, Wichita, No. 2																		
Total Number of Workers	NA	2,692	2,240	83 2	1,932	71.8	NA	2,702	2,259	83 6	1,971	72.9	NA	3,037	2,112	69 5	1,546	50.9
Number of Workers	——	2,692	2,240	——	1,932	——	——	2,702	2,259	——	1,971	——	——	3,037	2,112	——	1,546	——
Hours per Day	——	7 5	7.5	——	7 5	——	——	7 5	7 5	——	7.5	——	——	7.5	7.5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	121,140	100,800	83 2	86,940	71.8	NA	121,590	101,655	83.6	88,695	72 9	NA	136,665	95,040	69 5	69,570	50.9
Average Weekly Hours	45 0	——	——	——	——	——	45 0	——	——	——	——	——	45.0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	4,125	1,897	46 0	0	0	NA	4,056	1,862	45.9	0	0	NA	4,171	1,873	44 9	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Total Hours	NA	217,070	98,675	45 5	0	0	NA	223,010	102,400	45.9	0	0	NA	233,410	106,962	46 7	0	0
Average Weekly Hours	52 4	——	——	——	——	——	55 5	——	——	——	——	——	57 4	——	——	——	——	——
Brewster, Newark																		
Total Number of Workers	NA	1,847	1,018	55.1	0	0	NA	1,923	1,067	55 5	0	0	NA	1,946	1,051	54 0	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Total Hours	NA	100,066	55,246	55 2	0	0	NA	104,172	57,902	55 6	0	0	NA	105,408	57,026	54 1	0	0
Average Weekly Hours	54 2	——	——	——	——	——	54.2	——	——	——	——	——	54 2	——	——	——	——	——
Brewster, Johnsville																		
Total Number of Workers	NA	1,443	354	24 5	0	0	NA	1,424	403	28.3	0	0	NA	1,524	536	35 3	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Total Hours	NA	73,129	18,002	24 6	0	0	NA	68,801	20,748	30 2	0	0	NA	74,407	27,698	37 2	0	0
Average Weekly Hours	50 7	——	——	——	——	——	51 2	——	——	——	——	——	51 4	——	——	——	——	——
Budd, Philadelphia																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Boeing, Seattle																		
Total Number of Workers	NA	9,435	7,130	75 6	1,215	12 9	NA	9,547	7,273	76 2	1,286	13 5	NA	9,766	7,450	76 3	1,357	13 9
Number of Workers	——	874	960	——	90	——	——	790	1,031	——	83	——	——	495	672	——	50	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	5	5	——	5	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	7,215	5,153	——	1,002	——	——	7,130	5,021	——	1,106	——	——	6,112	4,369	——	1,145	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,346	1,017	——	123	——	——	1,627	1,221	——	117	—	——	3,159	3,409	——	162	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	NA	456,656	342,696	75.0	47,600	10 4	NA	464,952	350,624	75 4	50,505	10 9	NA	490,080	371,496	75 8	53,651	10 9
Average Weekly Hours	47 6	——	——	——	——	——	47 8	——	——	——	——	——	49 3	——	——	——	——	——
Boeing, Wichita, No. 1																		
Total Number of Workers	NA	1,687	1,115	66 1	309	18 3	NA	1,769	1,218	68.9	600	33 9	NA	1,706	1,128	66 1	649	38 0
Number of Workers	——	1,687	1,115	——	309	——	——	1,769	1,218	——	600	——	——	1,706	1,128	——	649	——
Hours per Day	——	7 5	7.5	——	7.5	——	——	7 5	7 5	——	7 5	——	——	NR	7 5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	NR	6	——	6	——
Total Hours	NA	75,915	50,175	66.1	13,905	18 3	NA	79,605	54,810	68 9	27,000	33 9	NA	NA	50,760	NA	29,205	NA
Average Weekly Hours	45.0	——	——	——	——	——	45 0	——	——	——	——	——	45 0	——	——	——	——	——
Boeing, Wichita, No. 2																		
Total Number of Workers	NA	2,877	2,153	74 8	1,773	61 6	NA	3,566	2,818	79 0	2,234	62.6	NA	5,120	3,777	73 8	2,994	58 5
Number of Workers	——	2,877	2,153	——	1,773	——	——	2,316	1,718	——	1,334	——	——	5,120	3,777	——	2,994	——
Hours per Day	——	7.5	7 5	——	7.5	——	——	7 5	7.5	——	7 5	——	——	7 5	7 5	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	1,250	1,100	——	900	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	7 5	7 5	——	7 5	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	7	7	——	7	——	——	——	——	——	——	——
Total Hours	NA	129,465	96,885	74.8	79,785	61 6	NA	169,845	135,060	79.5	107,280	63 2	NA	230,400	169,965	73 8	134,730	58 5
Average Weekly Hours	48 0	——	——	——	——	——	48 0	——	——	——	——	——	45 0	——	——	——	——	——
Brewster, Long Island																		
Total Number of Workers	NA	4,341	2,101	48.4	0	0	NA	4,629	2,186	47.2	0	0	NA	4,563	2,183	47 8	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Total Hours	NA	244,330	119,070	48 7	0	0	NA	261,434	127,712	48 9	0	0	NA	254,088	114,444	45 0	0	0
Average Weekly Hours	57.9	——	——	——	——	——	57 1	——	——	——	——	——	57 1	——	——	——	——	——
Brewster, Newark																		
Total Number of Workers	NA	1,922	1,014	52 8	0	0	NA	1,855	938	50 6	0	0	NA	1,876	842	44 9	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	1,876	842	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	9	9	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	6	6	——	——	——
Total Hours	NA	88,283	46,983	53 2	0	0	NA	100,470	50,900	50 7	0	0	NA	101,304	45,468	44 9	0	0
Average Weekly Hours	53 7	——	——	——	——	——	54 2	——	——	——	——	——	54 0	——	——	——	——	——
Brewster, Johnsville																		
Total Number of Workers	NA	1,627	604	37 1	0	0	NA	2,027	720	35 5	0	0	NA	2,158	831	38 5	0	0
Number of Workers	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Hours per Day	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Days per Week	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——	——	[illegible]	[illegible]	——	——	——
Total Hours	NA	84,588	36,168	42 8	0	0	NA	114,702	43,202	37 7	0	0	NA	109,392	49,764	45 5	0	0
Average Weekly Hours	57 9	——	——	——	——	——	57 5	——	——	——	——	——	57 4	——	——	——	——	——
Budd, Philadelphia																		
Total Number of Workers	NA	843	352	44 7	163	25 3	NA	837	424	50 7	177	21 1	NA	931	479	51 5	175	18 8
Number of Workers	——	390	282	——	126	——	——	436	281	——	130	——	——	540	344	——	131	——
Hours per Day	——	7 5	7 5	——	7 5	——	——	7 5	7 5	——	7 5	——	——	7 5	7 5	——	7 5	——
Days per Week	——	6 6	6 6	——	6 9	——	——	6 6	6 6	——	7	——	——	6 6	6 6	——	6 9	——
Number of Workers	——	253	70	——	37	——	——	354	116	—	14	——	——	359	113	——	44	——
Hours per Day	——	7 5	7 5	——	7 5	——	——	7 5	7 5	——	7 5	——	——	7 5	7 5	——	7 5	——
Days per Week	——	5 6	5 6	——	5 9	——	——	5 6	5 6	—	6 6	——	——	5 6	5 6	——	5 6	——
Number of Workers	——	——	——	——	——	——	——	47	27	——	33	—	——	32	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	7 5	——	——	8	——	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	5 6	——	——	6	——	——	——	——
Total Hours	NA	79,931	16,899	56 5	7,791	26 0	NA	38,706	20,078	51 9	5,904	23 0	NA	43,344	22,818	52 6	5,553	19 7
Average Weekly Hours	54 6	——	——	——	——	——	49 0	——	——	——	——	——	49 7	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

	JULY						AUGUST						SEPTEMBER					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Chance Vought, Dallas																		
Total Number of Workers	NA	988	842	85.2	340	34.4	NA	1,009	850	84.2	363	36.0	NA	1,035	790	76.3	490	47.3
Number of Workers		988	842	—	340	—	—	1,009	850	—	363	—	—	1,035	790	—	490	—
Hours per Day		7.5	7.5		7.5	—	—	7.5	7.5	—	7.5	—	—	7.5	7.5	—	7.5	—
Days per Week		6	6	—	6	—	—	6	6	—	6	—	—	7	7	—	7	—
Total Hours	NA	44,460	37,890	85.2	15,300	34.4	NA	45,405	38,250	84.2	16,335	36.0	NA	54,338	41,475	76.3	25,725	47.3
Average Weekly Hours	44.5	—	—	—	—	—	45.8	—	—	—	—	—	51.1	—	—	—	—	—
Consol.-Vultee, Stratford																		
Total Number of Workers	NA	2,996	1,358	45.3	0	0	NA	3,392	1,468	43.1	0	0	NA	3,425	1,847	53.9	0	0
Number of Workers	—	2,928	1,358	—	—	—	—	3,296	1,462	—	—	—	—	3,322	1,847	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	68	—	—	—	—	—	96	—	—	—	—	—	103	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—
Total Hours	NA	149,120	67,900	45.5	0	0	NA	165,540	73,100	43.3	0	0	NA	170,320	92,350	54.3	0	0
Average Weekly Hours	50.6	—	—	—	—	—	53.1	—	—	—	—	—	54.7	—	—	—	—	—
Consol.-Vultee, Downey																		
Total Number of Workers	NA	2,794	1,513	54.2	66	2.4	NA	2,993	1,589	53.1	71	2.4	NA	3,119	1,782	57.1	81	2.6
Number of Workers	—	1,334	662	—	51	—	—	2,837	1,484	—	65	—	—	2,889	1,648	—	67	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	275	196	—	5	—	—	156	105	—	6	—	—	230	134	—	14	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	1,165	655	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	6.5	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	126,832	68,952	54.4	2,542	2.0	NA	144,912	77,112	53.2	2,808	1.9	NA	151,552	86,608	57.1	3,250	2.1
Average Weekly Hours	43.8	—	—	—	—	—	46.5	—	—	—	—	—	47.0	—	—	—	—	—
Consol.-Vultee, Fort Worth																		
Total Number of Workers	NA	1,212	812	67.0	57	4.7	NA	2,196	1,506	68.6	176	8.0	NA	2,747	2,139	77.9	238	8.7
Number of Workers	—	1,212	812	—	57	—	—	2,196	1,506	—	176	—	—	2,747	2,139	—	238	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	58,176	38,976	67.0	2,223	3.8	NA	105,408	72,288	68.6	6,864	6.5	NA	131,856	102,672	77.9	9,282	7.0
Average Weekly Hours	43.0	—	—	—	—	—	44.3	—	—	—	—	—	43.9	—	—	—	—	—
Consol.-Vultee, Nashville																		
Total Number of Workers	NA	2,199	1,180	53.7	209	9.5	NA	2,540	1,366	53.8	380	15.0	NA	2,395	1,335	55.7	429	17.9
Number of Workers	—	—	—	—	209	—	—	—	—	—	380	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	6.5	—	—	—	—	—	6.5	—	—	—	—	—	—	—
Days per Week	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—	—	—	—
Total Hours	NA	103,175	56,359	54.6	6,793	6.6	NA	122,173	69,389	56.8	12,350	10.1	NA	133,987	76,232	56.9	18,291	13.7
Average Weekly Hours	46.0	—	—	—	—	—	46.0	—	—	—	—	—	48.4	—	—	—	—	—
Consol.-Vultee, San Diego																		
Total Number of Workers	NA	13,594	11,069	81.4	2,445	18.0	NA	13,869	11,432	82.4	2,255	16.3	NA	12,537	10,410	83.0	1,951	15.6
Number of Workers	—	11,864	9,904	—	2,101	—	—	10,904	9,100	—	1,510	—	—	11,363	9,427	—	1,951	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	1,730	1,165	—	344	—	—	2,965	2,332	—	745	—	—	1,174	983	—	—	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	8	—	—	8	8	—	—	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	666,352	540,632	81.1	97,591	14.6	NA	689,432	567,392	82.3	114,200	16.6	NA	611,168	507,544	83.0	93,648	15.3
Average Weekly Hours	48.5	—	—	—	—	—	46.7	—	—	—	—	—	48.8	—	—	—	—	—
Consol.-Vultee, Wayne																		
Total Number of Workers	NA	594	198	33.3	2	0.3	NA	658	189	28.7	0	0	NA	658	188	28.6	4	0.6
Number of Workers	—	594	198	—	2	—	—	658	189	—	0	0	—	658	188	—	4	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	0	0	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	0	0	—	6	6	—	6	—
Total Hours	NA	34,513	8,504	33.3	96	0.3	NA	31,584	9,072	28.7	0	0	NA	31,608	9,024	28.6	192	0.6
Average Weekly Hours	48.5	—	—	—	—	—	49.2	—	—	—	—	—	48.8	—	—	—	—	—

	OCTOBER						NOVEMBER						DECEMBER					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Chance Vought, Dallas																		
Total Number of Workers	NA	1,029	780	75.8	379	36.8	NA	1,117	941	84.2	378	33.8	NA	1,174	1,025	87.3	434	37.0
Number of Workers	—	1,029	180	—	379	—	—	1,117	941	—	378	—	—	1,174	1,025	—	434	—
Hours per Day	—	7.5	7.5	—	7.5	—	—	7.5	7.5	—	7.5	—	—	7.5	7.5	—	7.5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	NA	54,023	40,950	75.8	19,898	36.8	NA	58,643	49,403	84.2	19,845	33.8	NA	61,635	53,813	87.3	22,875	37.0
Average Weekly Hours	47.3	—	—	—	—	—	55.5	—	—	—	—	—	50.8	—	—	—	—	—
Chance Vought, Stratford																		
Total Number of Workers	NA	3,457	1,995	57.7	0	0	NA	3,777	2,150	56.9	0	0	NA	3,762	2,302	61.2	0	0
Number of Workers	—	3,358	1,995	—	—	—	—	3,686	2,150	—	—	—	—	3,675	2,302	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	99	—	—	—	—	—	91	—	—	—	—	—	87	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—
Total Hours	NA	171,260	99,750	58.0	0	0	NA	187,940	107,500	57.2	0	0	NA	187,230	115,100	61.5	0	0
Average Weekly Hours	54.5	—	—	—	—	—	56.0	—	—	—	—	—	54.4	—	—	—	—	—
Consol.-Vultee, Downey																		
Total Number of Workers	NA	3,111	1,748	56.2	73	2.3	NA	3,146	1,779	56.5	78	2.5	NA	3,312	1,971	59.5	55	1.7
Number of Workers	—	2,784	1,534	—	67	—	—	2,387	1,304	—	45	—	—	2,868	1,742	—	48	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	327	214	—	6	—	—	759	475	—	33	—	—	444	229	—	7	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	151,944	85,616	56.3	2,886	1.9	NA	157,080	89,192	56.8	3,257	2.1	NA	162,528	96,440	59.3	2,191	1.3
Average Weekly Hours	46.0	—	—	—	—	—	48.2	—	—	—	—	—	48.9	—	—	—	—	—
Consol.-Vultee, Fort Worth																		
Total Number of Workers	NA	3,476	2,707	77.9	346	10.0	NA	4,017	3,152	78.5	426	10.6	8,296	4,375	3,487	79.7	424	9.7
Number of Workers	—	3,476	2,707	—	346	—	—	4,017	3,152	—	426	—	—	4,375	3,487	—	424	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	166,848	129,936	77.9	13,494	8.1	NA	192,816	151,296	78.5	16,614	8.6	367,723	210,000	167,376	79.7	16,536	7.9
Average Weekly Hours	42.7	—	—	—	—	—	42.5	—	—	—	—	—	44.4	—	—	—	—	—
Consol.-Vultee, Nashville																		
Total Number of Workers	NA	2,639	1,125	42.6	411	15.6	NA	2,376	1,373	57.8	328	13.8	NA	2,669	1,494	56.0	121	4.5
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	135,983	58,472	43.0	16,445	12.1	NA	129,875	75,097	57.8	12,909	9.9	NA	131,056	73,474	56.1	5,018	3.8
Average Weekly Hours	49.5	—	—	—	—	—	52.0	—	—	—	—	—	50.0	—	—	—	—	—
Consol.-Vultee, San Diego																		
Total Number of Workers	NA	12,432	10,143	81.6	1,741	14.0	NA	11,275	9,452	83.8	625	5.5	NA	11,579	9,554	82.8	472	4.1
Number of Workers	—	9,724	7,954	—	1,081	—	—	6,558	5,447	—	625	—	—	6,239	5,724	—	472	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	2,708	2,189	—	660	—	—	4,717	4,005	—	—	—	—	5,340	3,860	—	—	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	7	—	—	7	7	—	—	—	—	7	7	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	618,400	504,376	81.6	88,548	14.4	NA	578,936	488,736	83.9	24,375	4.2	NA	596,512	490,912	82.0	18,408	3.1
Average Weekly Hours	49.3	—	—	—	—	—	50.6	—	—	—	—	—	50.2	—	—	—	—	—
Consol.-Vultee, Wayne																		
Total Number of Workers	NA	567	146	25.7	2	0.4	NA	583	99	16.9	2	0.3	NA	583	196	33.5	5	0.7
Number of Workers	—	567	146	—	2	—	—	583	99	—	2	—	—	488	196	—	5	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	27,216	7,008	25.7	96	0.4	NA	27,936	4,272	15.3	96	0.3	NA	33,034	9,408	28.5	240	0.7
Average Weekly Hours	48.9	—	—	—	—	—	50.9	—	—	—	—	—	50.6	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

	JULY						AUGUST						SEPTEMBER					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift — Number	Second Shift — % of First	Scheduled — Third Shift — Number	Third Shift — % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First
[illegible]																		
Total Number of Workers	NA	9,487	6,645	70 0	3,372	35 5	NA	9,768	6,740	69 0	3,971	40 7	NA	10,342	6,951	67 2	4,050	39 2
Number of Workers	—	9,487	6,645	—	3,372	—	—	9,768	6,740	—	3,971	—	—	10,342	6,951	—	4,050	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	455,376	318,960	70 0	131,508	28 9	NA	468,864	323,520	69 0	154,869	33 0	NA	496,416	333,648	67 2	157,950	31 8
Average Weekly Hours	45 3[9]	—	—	—	—	—	45.5[9]	—	—	—	—	—	45 3[9]	—	—	—	—	—
Curtiss Columbus																		
Total Number of Workers	NA	3,925	2,078	52 9	917	23 4	NA	4,368	2,280	52 2	1,074	24 6	NA	4,966	2,671	53 8	1,307	26 3
Number of Workers	—	3,925	2,078	—	917	—	—	4,368	2,280	—	1,074	—	—	4,966	2,671	—	1,307	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	188,400	99,744	52 9	35,763	19 0	NA	209,664	109,440	52 2	41,686	20 0	NA	238,368	128,208	53.8	50,973	21.4
Average Weekly Hours	47 3	—	—	—	—	—	46 3	—	—	—	—	—	46.9	—	—	—	—	—
Curtiss Louisville																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Curtiss St Louis																		
Total Number of Workers	NA	3,173	1,754	55 3	904	28.5	NA	3,399	1,920	56 5	1,012	29.8	NA	3,678	2,166	58 9	1,205	32.8
Number of Workers	—	3,173	1,754	—	904	—	—	3,399	1,920	—	1,012	—	—	3,678	2,166	—	1,205	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	152,304	84,192	55.3	35,256	23.1	NA	163,152	92,160	56.5	39,468	24 2	NA	176,544	103,968	58.9	46,995	26 6
Average Weekly Hours	46.1	—	—	—	—	—	46 3	—	—	—	—	—	45.6	—	—	—	—	—
Douglas Chicago																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Douglas El Segundo																		
Total Number of Workers	NA	3,050	2,516	82 5	1,869	61 3	NA	3,547	2,895	81.6	2,226	62.8	NA	4,032	3,235	80 2	2,328	57 7
Number of Workers	—	3,050	2,516	—	1,869	—	—	3,547	2,895	—	2,226	—	—	4,032	3,235	—	2,328	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	146,400	120,768	82 5	72,891	49.8	NA	170,256	138,960	81.6	86,814	51 0	NA	193,536	155,280	80.2	90,792	46 9
Average Weekly Hours	46 5	—	—	—	—	—	44 2	—	—	—	—	—	45 4	—	—	—	—	—
Douglas Long Beach																		
Total Number of Workers	NA	9,937	7,882	79 3	2,150	21 6	NA	10,493	8,827	84 1	2,500	23 8	NA	11,141	9,545	85 7	2,834	25 4
Number of Workers	—	9,937	7,882	—	2,150	—	—	10,493	8,827	—	2,500	—	—	11,141	9,545	—	2,834	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	476,976	378,336	79 3	83,850	17 6	NA	503,664	423,696	84 1	97,500	19 4	NA	534,768	455,160	85 7	110,526	20 7
Average Weekly Hours	47 8	—	—	—	—	—	46 1	—	—	—	—	—	45 6	—	—	—	—	—
Douglas Oklahoma																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	OCTOBER						NOVEMBER						DECEMBER					
	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First
[illegible]																		
Total Number of Workers	NA	11,340	7,492	66 1	4,401	38 8	NA	11,813	8,300	70 3	4,770	40 4	NA	11,970	8,414	70 3	5,014	41 9
Number of Workers	—	11,340	7,492	—	4,401	—	—	11,813	8,300	—	4,770	—	—	11,970	8,414	—	5,014	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	544,320	359,616	66.1	171,639	31 5	NA	567,024	398,400	70 3	166,030	32 8	NA	574,560	403,872	70 3	195,546	34 0
Average Weekly Hours	45 6[9]	—	—	—	—	—	44.3[9]	—	—	—	—	—	45 3[9]	—	—	—	—	—
Curtiss Columbus																		
Total Number of Workers	NA	5,385	3,004	55.8	1,566	29 1	NA	5,669	3,353	59 1	1,861	32 8	NA	6,160	3,874	62 9	2,263	36 7
Number of Workers	—	5,385	3,004	—	1,566	—	—	5,669	3,353	—	1,861	—	—	6,160	3,874	—	2,263	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	258,480	144,192	55 8	61,074	23 6	NA	272,112	160,944	59 1	72,579	26 7	NA	295,680	185,952	62 9	88,257	29 8
Average Weekly Hours	46 7	—	—	—	—	—	45.6	—	—	—	—	—	46.4	—	—	—	—	—
Curtiss Louisville																		
Total Number of Workers	NA	202	0	0	0	0	NA	389	0	0	0	0	NA	582	24	4 1	17	2 9
Number of Workers	—	202	—	—	—	—	—	389	—	—	—	—	—	582	24	—	17	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	8	—	6 5	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	6	6	—	6	—
Total Hours	NA	9,696	0	0	0	0	NA	18,672	0	0	0	0	NA	27,936	1,152	4 1	663	2 4
Average Weekly Hours	48.0	—	—	—	—	—	48.0	—	—	—	—	—	48.0	—	—	—	—	—
Curtiss St Louis																		
Total Number of Workers	NA	3,729	2,262	60.7	1,345	36.1	NA	3,753	2,309	61 5	1,354	36 1	NA	4,144	2,495	60 2	1,478	35 7
Number of Workers	—	3,729	2,262	—	1,345	—	—	3,753	2,309	—	1,354	—	—	4,144	2,495	—	1,478	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	178,992	108,576	60.7	52,455	29 3	NA	180,144	110,832	61.5	52,806	29 3	NA	198,912	119,760	60 2	57,642	29 0
Average Weekly Hours	44.9	—	—	—	—	—	45.1	—	—	—	—	—	46.0	—	—	—	—	—
Douglas Chicago																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	NA	433	65	15.0	0	0
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	433	65	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	NA	20,784	3,120	15 0	0	0
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	NA	—	—	—	—	—
Douglas El Segundo																		
Total Number of Workers	NA	4,720	3,862	81.8	3,103	65 7	NA	5,239	4,047	77 2	3,473	66 3	NA	5,701	4,411	77 4	3,713	65 2
Number of Workers	—	4,720	3,862	—	3,103	—	—	5,239	4,047	—	3,473	—	—	5,701	4,411	—	3,718	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	226,560	185,376	81.8	121,017	53 4	NA	251,472	194,256	77 2	135,447	53.9	NA	273,648	211,728	77.4	145,002	53 0
Average Weekly Hours	44 2	—	—	—	—	—	44 7	—	—	—	—	—	45.6	—	—	—	—	—
Douglas Long Beach																		
Total Number of Workers	NA	12,427	10,327	83.1	2,996	24 1	NA	13,327	10,592	79 5	3,230	24 2	NA	14,171	11,753	82 9	4,267	30 1
Number of Workers	—	12,427	10,327	—	2,996	—	—	13,327	10,592	—	3,230	—	—	14,171	11,753	—	4,267	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	596,496	495,696	83 1	116,544	19 6	NA	639,696	508,416	79 5	125,970	19 7	NA	680,208	564,144	82 9	166,413	24 5
Average Weekly Hours	46 4	—	—	—	—	—	45 9	—	—	—	—	—	44 9	—	—	—	—	—
Douglas Oklahoma																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	NOVEMBER						DECEMBER					
	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift — Number	Second Shift — % of First	Third Shift — Number	Third Shift — % of First
[illegible]												
Total Number of Workers	NA	11,813	8,300	70 3	4,770	40 4	NA	11,970	8,414	70 3	5,014	41 9
Number of Workers	—	11,813	8,300	—	4,770	—	—	11,970	8,414	—	5,014	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	567,024	398,400	70 3	166,030	32 8	NA	574,560	403,872	70 3	195,546	34 0
Average Weekly Hours	44.3[9]	—	—	—	—	—	45 3[9]	—	—	—	—	—
Curtiss Columbus												
Total Number of Workers	NA	5,669	3,353	59 1	1,861	32 8	NA	6,160	3,874	62 9	2,263	36 7
Number of Workers	—	5,669	3,353	—	1,861	—	—	6,160	3,874	—	2,263	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	272,112	160,944	59 1	72,579	26 7	NA	295,680	185,952	62 9	88,257	29 8
Average Weekly Hours	45.6	—	—	—	—	—	46.4	—	—	—	—	—
Curtiss Louisville												
Total Number of Workers	NA	389	0	0	0	0	NA	582	24	4 1	17	2 9
Number of Workers	—	389	—	—	—	—	—	582	24	—	17	—
Hours per Day	—	8	—	—	—	—	—	8	8	—	6 5	—
Days per Week	—	6	—	—	—	—	—	6	6	—	6	—
Total Hours	NA	18,672	0	0	0	0	NA	27,936	1,152	4 1	663	2 4
Average Weekly Hours	48.0	—	—	—	—	—	48.0	—	—	—	—	—
Curtiss St Louis												
Total Number of Workers	NA	3,753	2,309	61 5	1,354	36 1	NA	4,144	2,495	60 2	1,478	35 7
Number of Workers	—	3,753	2,309	—	1,354	—	—	4,144	2,495	—	1,478	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	180,144	110,832	61.5	52,806	29 3	NA	198,912	119,760	60 2	57,642	29 0
Average Weekly Hours	45.1	—	—	—	—	—	46.0	—	—	—	—	—
Douglas Chicago												
Total Number of Workers	—	—	—	—	—	—	NA	433	65	15.0	0	0
Number of Workers	—	—	—	—	—	—	—	433	65	—	—	—
Hours per Day	—	—	—	—	—	—	—	8	8	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	—	—	—	—	—	—	NA	20,784	3,120	15 0	0	0
Average Weekly Hours	—	—	—	—	—	—	NA	—	—	—	—	—
Douglas El Segundo												
Total Number of Workers	NA	5,239	4,047	77 2	3,473	66 3	NA	5,701	4,411	77 4	3,713	65 2
Number of Workers	—	5,239	4,047	—	3,473	—	—	5,701	4,411	—	3,718	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	251,472	194,256	77 2	135,447	53.9	NA	273,648	211,728	77.4	145,002	53 0
Average Weekly Hours	44 7	—	—	—	—	—	45.6	—	—	—	—	—
Douglas Long Beach												
Total Number of Workers	NA	13,327	10,592	79 5	3,230	24 2	NA	14,171	11,753	82 9	4,267	30 1
Number of Workers	—	13,327	10,592	—	3,230	—	—	14,171	11,753	—	4,267	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	639,696	508,416	79 5	125,970	19 7	NA	680,208	564,144	82 9	166,413	24 5
Average Weekly Hours	45 9	—	—	—	—	—	44 9	—	—	—	—	—
Douglas Oklahoma												
Total Number of Workers	NA	536	85	15 9	26	4 9	554	436	342	78 4	66	15 1
Number of Workers	—	536	85	—	26	—	—	436	342	—	66	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	25,728	4,080	15 9	1,014	3 9	37,054	20,928	16,416	78 4	2,574	12 3
Average Weekly Hours	44 8	—	—	—	—	—	43 4	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica																		
Total Number of Workers	NA	8,661	6,124	70 7	3,971	45 8	NA	8,991	6,495	72.2	3,971	44 2	NA	9,673	7,065	73 0	4,990	51 6
Number of Workers	—	8,661	6,124	—	3,971	—	—	7,488	5,229	—	3,133	—	—	9,673	7,065	—	4,990	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	1,503	1,266	—	838	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	10	—	8 5	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	6	—	—	—	—	—	—	—
Total Hours	NA	415,728	293,952	70 7	154,869	37.3	NA	449,604	326,952	72 7	164,925	36.7	NA	464,304	339,120	73.0	194,610	41 9
Average Weekly Hours	44 9	—	—	—	—	—	44 8	—	—	—	—	—	44.7	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	NA	1,379	564	40 9	189	13 7	1,629	1,629	856	52.5	316	19 5	NA	2,074	1,177	56.8	469	22 6
Number of Workers	—	1,310	538	—	189	—	—	1,581	823	—	316	—	—	2,022	1,134	—	460	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	4	4	—	—	—	—	11	9	—	7	—	—	21	21	—	7	—
Hours per Day	—	9	8 5	—	—	—	—	8 5	8 5	—	—	—	—	8.5	8.5	—	7	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	65	22	—	—	—	—	3	24	—	—	—	—	3	22	—	—	—
Hours per Day	—	10	10	—	—	—	—	9	10	—	—	—	—	9	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	NA	66,996	27,348	40 8	7,371	11.0	NA	78,651	41,403	52 6	12,408	15.8	NA	99,969	56,823	56.8	18,318	18.3
Average Weekly Hours	47 7	—	—	—	—	—	47 3	—	—	—	—	—	47.1	—	—	—	—	—
Eastern, Linden[18]																		
Total Number of Workers	NA	930	667	71.7	0	0	NA	1,578	1,005	63.7	0	0	NA	1,456	1,072	73.6	486	33.4
Number of Workers	—	733	497	—	—	—	—	—	—	—	—	—	—	1,203	835	—	486	—
Hours per Day	—	8	8	—	—	—	—	—	—	—	—	—	—	8	8	—	8	—
Days per Week	—	6	6	—	—	—	—	—	—	—	—	—	—	6	6	—	6	—
Number of Workers	—	197	170	—	—	—	—	—	—	—	—	—	—	7	1	—	—	—
Hours per Day	—	10	10	—	—	—	—	—	—	—	—	—	—	10	9	—	—	—
Days per Week	—	6	6	—	—	—	—	—	—	—	—	—	—	7	7	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	246	236	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	NA	47,004	34,056	72.5	0	0	NA	91,078	59,795	65.7	0	0	NA	72,994	54,303	74.4	23,328	32.0
Average Weekly Hours	50.2	—	—	—	—	—	51.1	—	—	—	—	—	47.8	—	—	—	—	—
Eastern, Trenton																		
Total Number of Workers	NA	900	255	28 3	0	0	NA	1,462	740	50.6	0	0	NA	1,843	978	53.1	358	19.4
Number of Workers	—	819	216	—	—	—	—	[3]	8	—	—	—	—	[3]	[3]	—	[3]	—
Hours per Day	—	8	8	—	—	—	—	[3]	6	—	—	—	—	[3]	[3]	—	[3]	—
Days per Week	—	6	6	—	—	—	—	—	441	—	—	—	—	—	—	—	—	—
Number of Workers	—	67	39	—	—	—	—	—	10 5	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	10	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—
Days per Week	—	6	6	—	—	—	—	—	88	—	—	—	—	—	—	—	—	—
Number of Workers	—	14	—	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—
Hours per Day	—	9	—	—	—	—	—	—	7	—	—	—	—	—	—	—	—	—
Days per Week	—	5 8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	44,063	12,708	28 8	0	0	NA	79,449	42,839	53 9	0	0	NA	92,369	49,586	53 7	17,448	18 9
Average Weekly Hours	47 2	—	—	—	—	—	55 1	—	—	—	—	—	49 6	—	—	—	—	—
Fairchild, Burlington																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica																		
Total Number of Workers	NA	10,451	7,709	73 8	6,146	58 8	NA	10,892	8,233	75.6	6,707	61 6	NA	11,410	8,493	74 4	7,021	61 5
Number of Workers	—	10,451	7,709	—	6,146	—	—	10,892	8,233	—	6,707	—	—	11,410	8,493	—	7,021	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	501,648	370,032	73 8	239,694	47 8	NA	522,816	395,184	75.6	261,573	50 0	NA	547,680	407,664	74.4	273,519	50 0
Average Weekly Hours	44.1	—	—	—	—	—	46.0	—	—	—	—	—	43 8	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	NA	2,445	1,539	62.9	445	18.2	NA	2,826	1,869	66.1	379	13.4	NA	3,400	2,357	69 3	521	15 3
Number of Workers	—	2,075	1,255	—	435	—	—	2,140	1,373	—	337	—	—	3,294	2,298	—	503	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	18	19	—	8	—	—	24	24	—	12	—	—	25	25	—	12	—
Hours per Day	—	8 5	8.5	—	7	—	—	8 5	8.5	—	7.5	—	—	8 5	8 5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	82	51	—	2	—	—	136	80	—	—	—	—	25	15	—	7.5	—
Hours per Day	—	9	9	—	7.5	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—	—	6	6	—	6	—
Total Hours	NA	121,146	76,803	63.4	17,391	14.4	NA	142,848	94,968	66.5	13,683	9.6	NA	164,097	113,529	69 2	20,391	12 4
Average Weekly Hours	48.8	—	—	—	—	—	49.8	—	—	—	—	—	47 5	—	—	—	—	—
Eastern, Linden[18]																		
Total Number of Workers	NA	1,654	1,270	76.8	933	56.4	NA	2,043	1,630	79.8	993	48.6	NA	2,543	1,900	74.7	1,323	52 0
Number of Workers	—	1,350	1,074	—	933	—	—	1,767	1,402	—	987	—	—	2,236	1,684	—	1,317	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	5	4	—	—	—	—	227	213	—	3	—	—	268	209	—	6	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	8	—	—	9	9	—	8	—
Days per Week	—	7	7	—	—	—	—	6	6	—	5	—	—	6	6	—	7	—
Number of Workers	—	40	5	—	—	—	—	42	10	—	3	—	—	11	7	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	8	—	—	10	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	7	—	—	6 5	7	—	—	—
Number of Workers	—	259	187	—	—	—	—	7	5	—	—	—	—	28	—	—	—	—
Hours per Day	—	10	10	—	—	—	—	8	8	—	—	—	—	8	—	—	—	—
Days per Week	—	5 8	5.8	—	—	—	—	7	7	—	—	—	—	7	—	—	—	—
Total Hours	NA	81,737	62,850	76.9	44,784	54.8	NA	99,146	79,478	80.2	47,664	48 1	NA	124,083	92,510	74 6	63,552	51 2
Average Weekly Hours	49.6	—	—	—	—	—	47.2	—	—	—	—	—	48 5	—	—	—	—	—
Eastern, Trenton																		
Total Number of Workers	NA	2,497	1,416	56 7	434	17.4	NA	3,126	2,044	65 4	1,161	37.1	NA	3,458	2,516	72 8	1,266	36 6
Number of Workers	—	[3]	[3]	—	[3]	—	—	[3]	1,912	—	1,108	—	—	3,350	2,512	—	1,262	—
Hours per Day	—	[3]	[3]	—	[3]	—	—	[3]	8	—	8	—	—	8	8	—	8	—
Days per Week	—	—	—	—	—	—	—	—	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	124	—	51	—	—	20	4	—	4	—
Hours per Day	—	—	—	—	—	—	—	—	8	—	8	—	—	8	8	—	8	—
Days per Week	—	—	—	—	—	—	—	—	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	—	—	—	—	—	—	—	8	—	2	—	—	88	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	8	—	8	—	—	9	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	5	—	5	—	—	5 8	—	—	—	—
Total Hours	NA	124,840	70,894	56.8	21,080	16 9	NA	152,062	99,040	65 1	56,120	36 9	NA	166,514	120,800	72 5	60,800	36 5
Average Weekly Hours	48.4	—	—	—	—	—	47 6	—	—	—	—	—	48 2	—	—	—	—	—
Fairchild, Burlington																		
Total Number of Workers	NA	16	0	0	0	0	NA	127	0	0	0	0	NA	139	19	11 9	0	0
Number of Workers	—	16	—	—	—	—	—	127	—	—	—	—	—	139	19	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	8	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	6	6	—	—	—
Total Hours	NA	768	0	0	0	0	NA	6,096	0	0	0	0	NA	7,632	912	11 9	0	0
Average Weekly Hours	44 3	—	—	—	—	—	45 8	—	—	—	—	—	48 0	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

FACILITY	JULY — Actual — All Shifts	JULY — Actual — First Shift	JULY — Scheduled — Second Shift Number	JULY — Scheduled — Second Shift % of First	JULY — Scheduled — Third Shift Number	JULY — Scheduled — Third Shift % of First	AUGUST — Actual — All Shifts	AUGUST — Actual — First Shift	AUGUST — Scheduled — Second Shift Number	AUGUST — Scheduled — Second Shift % of First	AUGUST — Scheduled — Third Shift Number	AUGUST — Scheduled — Third Shift % of First
Fairchild, Hagerstown												
Total Number of Workers	NA	2,888	1,579	54 7	879	30 4	NA	2,970	1,742	58 7	1,191	40 1
Number of Workers	——	2,888	1,579	——	879	——	——	2,970	1,742	——	1,191	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	138,624	75,792	54 7	34,281	24 7	NA	142,560	83,616	58.7	46,449	32 6
Average Weekly Hours	48.0	——	——	——	——	——	48 0	——	——	——	——	——
Fleetwings, Bristol												
Total Number of Workers	NA	1,834	489	26 7	4	0 2	NA	1,799	462	25.7	5	0.3
Number of Workers	——	——	——	——	4	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	8	——	——	——	——	——	——	——
Days per Week	——	——	——	——	6	——	——	——	——	——	——	——
Total Hours	NA	101,658	26,562	26 1	192	0 2	NA	99,654	25,248	25.3	258	0 3
Average Weekly Hours	55 2	——	——	——	——	——	53 9	——	——	——	——	——
Ford, Willow Run												
Total Number of Workers	NA	3,387	2,530	74 7	1,121	33 1	NA	4,575	4,186	91.5	2,379	52.0
Number of Workers	——	3,387	2,530	——	1,121	——	——	4,575	4,186	——	2,379	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	162,576	121,440	74.7	53,808	33.1	NA	219,600	200,928	91.5	114,192	52.0
Average Weekly Hours	48.0	——	——	——	——	——	48.0	——	——	——	——	——
Globe, Ft. Worth[11]												
Total Number of Workers	NA	74	66	89 2	24	32 4	NA	146	63	43.2	23	15.8
Number of Workers	——	74	66	——	24	——	——	146	63	——	23	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	3,552	3,168	89.2	1,153	32 4	NA	7,008	3,024	43.2	1,104	15.8
Average Weekly Hours	48.0	——	——	——	——	——	48 0	——	——	——	——	——
Goodyear, Akron												
Total Number of Workers	NA	1,903	942	49.5	733	38.5	NA	2,243	1,465	65.3	1,211	54.0
Number of Workers	——	1,903	942	——	733	——	——	2,243	1,465	——	1,211	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6 5	6 5	——	6 5	——	——	6 5	6 5	——	6 5	——
Total Hours	NA	98,956	48,984	49.5	30,969	31.3	NA	116,636	76,180	65.3	51,165	43.9
Average Weekly Hours	NR	——	——	——	——	——	NR	——	——	——	——	——
Grumman, Beth Page												
Total Number of Workers	NA	10,795	2,346	21.7	0	0	NA	11,238	2,953	26.3	0	0
Number of Workers	——	10,795	2,346	——	——	——	——	11,238	2,953	——	——	——
Hours per Day	——	9 8	10	——	——	——	——	9.8	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Hours per Day	——	7 8	7	——	——	——	——	7.8	7	——	——	——
Days per Week	——	1	1	——	——	——	——	1	1	——	——	——
Total Hours	NA	613,156	133,722	21 8	0	0	NA	638,318	168,321	26.4	0	0
Average Weekly Hours	56 7	——	——	——	——	——	55 5	——	——	——	——	——
Howard, Chicago												
Total Number of Workers	NA	199	35	17 6	0	0	NA	234	17	7.3	0	0
Number of Workers	——	199	35	——	——	——	——	234	17	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	9,552	1,680	17 6	0	0	NA	11,232	816	7 3	0	0
Average Weekly Hours	47 8	——	——	——	——	——	45 8	——	——	——	——	——
Interstate, El Segundo												
Total Number of Workers	NA	86	8	9 3	0	0	NA	57	0	0	0	0
Number of Workers	——	62	8	——	——	——	——	57	——	——	——	——
Hours per Day	——	8	10	——	——	——	——	8	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	——	——	——	——
Number of Workers	——	24	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	4,416	480	10 9	0	0	NA	2,736	0	0	0	0
Average Weekly Hours	NA	——	——	——	——	——	48 0	——	——	——	——	——

FACILITY	SEPTEMBER — Actual — All Shifts	SEPTEMBER — Actual — First Shift	SEPTEMBER — Scheduled — Second Shift Number	SEPTEMBER — Scheduled — Second Shift % of First	SEPTEMBER — Scheduled — Third Shift Number	SEPTEMBER — Scheduled — Third Shift % of First	OCTOBER — Actual — All Shifts	OCTOBER — Actual — First Shift	OCTOBER — Scheduled — Second Shift Number	OCTOBER — Scheduled — Second Shift % of First	OCTOBER — Scheduled — Third Shift Number	OCTOBER — Scheduled — Third Shift % of First
Fairchild, Hagerstown												
Total Number of Workers	NA	3,028	1,797	59.3	1,190	39.3	NA	3,433	1,835	53 5	1,145	33 4
Number of Workers	——	3,028	1,797	——	1,190	——	——	3,433	1,835	——	1,145	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	145,344	86,256	59.3	46,410	31 9	NA	164,784	88,080	53 5	44,655	27 1
Average Weekly Hours	48.0	——	——	——	——	——	45.0	——	——	——	——	——
Fleetwings, Bristol												
Total Number of Workers	NA	1,887	477	25 3	6	0 3	NA	1,870	504	27.0	21	1 1
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	104,208	25,674	24.6	324	0.3	NA	102,684	27,042	26 3	1,026	1 0
Average Weekly Hours	48.9	——	——	——	——	——	51 9	——	——	——	——	——
Ford, Willow Run												
Total Number of Workers	NA	6,541	5,504	84.1	4,147	63.4	NA	7,428	6,461	87 0	2,756	37 1
Number of Workers	——	6,541	5,504	——	4,147	——	——	7,428	6,461	——	2,756	——
Hours per Day	——	8	8	——	8	——	——	7.67	7.67	——	7.67	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	313,968	264,192	84.1	199,056	63.4	NA	341,337	297,335	87 0	126,831	37 1
Average Weekly Hours	48.0	——	——	——	——	——	46.4	——	——	——	——	——
Globe, Ft. Worth[11]												
Total Number of Workers	NR	261	82	31.4	32	12.3	NA	286	108	37 8	0	0
Number of Workers	——	261	82	——	32	——	——	286	108	——	——	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	——	——
Total Hours	NR	12,528	3,936	31.4	1,536	12.3	NA	13,728	5,184	37.8	0	0
Average Weekly Hours	NR	——	——	——	——	——	48 0	——	——	——	——	——
Goodyear, Akron												
Total Number of Workers	NA	2,846	1,964	69.0	1,714	60 2	NA	3,225	2,281	70 7	2,101	65.1
Number of Workers	——	2,846	1,964	——	1,714	——	——	3,225	2,281	——	2,101	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6 5	6 5	——	6 5	——	——	6 5	6 5	——	6 5	——
Total Hours	NA	147,992	102,128	69 0	72,417	48.9	NA	167,700	118,612	70.7	88,767	52 9
Average Weekly Hours	NR	——	——	——	——	——	NR	——	——	——	——	——
Grumman, Beth Page												
Total Number of Workers	NA	11,808	3,158	26.7	0	0	NA	11,961	3,135	26 2	0	0
Number of Workers	——	11,808	3,158	——	——	——	——	11,961	3,135	——	——	——
Hours per Day	——	9 8	10	——	——	——	——	9.8	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Hours per Day	——	7 8	7	——	——	——	——	7.8	7	——	——	——
Days per Week	——	1	1	——	——	——	——	1	1	——	——	——
Total Hours	NA	670,694	180,006	26.8	0	0	NA	679,385	178,695	26 3	0	0
Average Weekly Hours	56.7	——	——	——	——	——	56.7	——	——	——	——	——
Howard, Chicago												
Total Number of Workers	NA	203	7	3 4	0	0	NA	205	6	2 9	0	0
Number of Workers	——	203	7	——	——	——	——	205	6	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	9,744	336	3.4	0	0	NA	9,840	288	2 9	0	0
Average Weekly Hours	47.5	——	——	——	——	——	49 1	——	——	——	——	——
Interstate, El Segundo												
Total Number of Workers	NA	76	0	0	0	0	NA	78	0	0	0	0
Number of Workers	——	76	——	——	——	——	——	78	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	6	——	——	——	——	——	6	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	3,648	0	0	0	0	NA	3,744	0	0	0	0
Average Weekly Hours	48 0	——	——	——	——	——	48 0	——	——	——	——	——

FACILITY	NOVEMBER — Actual — All Shifts	NOVEMBER — Actual — First Shift	NOVEMBER — Scheduled — Second Shift Number	NOVEMBER — Scheduled — Second Shift % of First	NOVEMBER — Scheduled — Third Shift Number	NOVEMBER — Scheduled — Third Shift % of First	DECEMBER — Actual — All Shifts	DECEMBER — Actual — First Shift	DECEMBER — Scheduled — Second Shift Number	DECEMBER — Scheduled — Second Shift % of First	DECEMBER — Scheduled — Third Shift Number	DECEMBER — Scheduled — Third Shift % of First
Fairchild, Hagerstown												
Total Number of Workers	NA	3,377	2,250	66 6	733	21 4	NA	3,297	2,694	81 7	381	11 6
Number of Workers	——	3,377	2,250	——	733	——	——	3,297	2,694	——	381	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	162,096	108,000	66 6	28,197	17 4	NA	158,256	129,312	81 7	14,859	9 4
Average Weekly Hours	44 0	——	——	——	——	——	44 1	——	——	——	——	——
Fleetwings, Bristol												
Total Number of Workers	NA	1,973	538	27 3	7	0 4	NA	1,603	469	29 3	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	107,760	28,620	26 6	360	0 3	NA	87,228	24,498	28 1	0	0
Average Weekly Hours	50 7	——	——	——	——	——	52 3	——	——	——	——	——
Ford, Willow Run												
Total Number of Workers	NA	10,071	5,921	58 8	928	9 2	NA	10,443	7,176	68 7	883	8 5
Number of Workers	——	10,071	5,921	——	928	——	——	10,443	7,176	——	883	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	483,408	284,208	58 8	44,544	9 2	NA	501,264	344,448	68 7	42,384	8 5
Average Weekly Hours	45.1	——	——	——	——	——	45.1	——	——	——	——	——
Globe, Ft. Worth[11]												
Total Number of Workers	NA	309	151	48 9	0	0	NA	412	99	24 0	0	0
Number of Workers	——	309	151	——	——	——	——	412	99	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	14,832	7,248	48.9	0	0	NA	19,776	4,752	24.0	0	0
Average Weekly Hours	48.6	——	——	——	——	——	48.6	——	——	——	——	——
Goodyear, Akron												
Total Number of Workers	NA	8,943	5,951	66.5	5,003	55 9	NA	8,856	6,374	72.0	5,207	58.8
Number of Workers	——	8,943	5,951	——	5,003	——	——	8,856	6,374	——	5,207	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	NA	429,264	285,648	66.5	195,117	45 5	NA	425,088	305,952	72 0	203,073	47.8
Average Weekly Hours	45 7	——	——	——	——	——	45.7	——	——	——	——	——
Grumman, Beth Page												
Total Number of Workers	NA	12,052	3,480	28 9	0	0						
Number of Workers	——	12,052	3,480	——	——	——						
Hours per Day	——	9 8	10	——	——	——						
Days per Week	——	5	5	——	——	——						
Hours per Day	——	7 8	7	——	——	——						
Days per Week	——	1	1	——	——	——						
Total Hours	NA	684,554	198,360	29.0	0	0						
Average Weekly Hours	56 7	——	——	——	——	——						
Howard, Chicago												
Total Number of Workers	NA	242	6	2 5	0	0	NA	279	40	14 3	0	0
Number of Workers	——	242	6	——	——	——	——	279	40	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	NA	11,616	288	2 5	0	0	NA	13,392	1,920	14 3	0	0
Average Weekly Hours	48 6	——	——	——	——	——	48 5	——	——	——	——	——
Interstate, El Segundo												
Total Number of Workers	NA	112	0	0	0	0	363	170	93	54 7	0	0
Number of Workers	——	112	——	——	——	——	——	59	34	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	8	——	——	——
Days per Week	——	6	——	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	111	59	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	NA	5,376	0	0	0	0	12,297	9,492	5,172	54 5	0	0
Average Weekly Hours	46 3	——	——	——	——	——	46 8	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

FACILITY	JULY — Actual	JULY — Scheduled				AUGUST — Actual	AUGUST — Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Kellett Aircraft, Philadelphia												
Total Number of Workers	NA	559	240	42 9	127	22 7	NA	552	241	43.7	129	23.4
Number of Workers	—	559	240	—	127	—	—	552	241	—	129	—
Hours per Day	—	8	7 5	—	7	—	—	8	7.5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	26,832	10,800	40 3	5,334	19 9	NA	26,496	10,845	40 9	5,418	20.4
Average Weekly Hours	46 3	—	—	—	—	—	46 4	—	—	—	—	—
Lockheed, Burbank, "B"												
Total Number of Workers	NA	12,399	9,650	77 8	2,472	19 9	NA	13,313	10,558	79.3	3,018	22.7
Number of Workers	—	12,399	9,650	—	2,472	—	—	13,313	10,558	—	3,018	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	595,152	463,200	77 8	96,408	16 2	NA	639,024	506,784	79.3	117,702	18 4
Average Weekly Hours	44 0	—	—	—	—	—	46 6	—	—	—	—	—
Lockheed, Burbank, 'A' (Vega)												
Total Number of Workers	NA	7,016	4,767	67 9	1,062	15 1	NA	7,053	4,775	67 7	1,010	14.3
Number of Workers	—	7,016	4,767	—	1,062	—	—	7,053	4,775	—	1,010	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	336,768	228,816	67 9	41,418	12 3	NA	338,544	229,200	67.7	39,390	11.6
Average Weekly Hours	46 2	—	—	—	—	—	45 4	—	—	—	—	—
Martin, Baltimore												
Total Number of Workers	NA	17,044	10,353	60.7	7,634	44 8	NA	17,658	11,111	62.9	8,349	47.3
Number of Workers	—	2,841	1,726	—	1,273	—	—	2,943	1,852	—	1,392	—
Hours per Day	—	8	7.25	—	7 25	—	—	8	7.25	—	7.25	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	14,203	8,627	—	6,361	—	—	14,715	9,259	—	6,957	—
Hours per Day	—	8	7.25	—	7.25	—	—	8	7.25	—	7.25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	795,384	437,942	55.0	322,950	40.6	NA	824,040	469,902	57.0	353,090	42.8
Average Weekly Hours	44 3	—	—	—	—	—	45 8	—	—	—	—	—
Martin, Omaha												
Total Number of Workers	NA	919	514	55.9	374	40.7	NA	1,342	748	55.7	553	41.2
Number of Workers	—	161	90	—	20	—	—	671	326	—	236	—
Hours per Day	—	8	7.25	—	7 25	—	—	8	7.25	—	7.25	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	587	339	—	260	—	—	474	282	—	205	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7.25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	171	85	—	94	—	—	197	140	—	112	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7.25	—	7 25	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Total Hours	NA	44,032	22,395	50 9	15,733	35.7	NA	68,208	33,887	49.7	24,955	36.6
Average Weekly Hours	45 5	—	—	—	—	—	48.0	—	—	—	—	—
Naval, Philadelphia[1]												
Total Number of Workers	NA	1,117	470	42 1	357	32 0	NA	1,213	628	51 8	453	37 3
Number of Workers	—	710	360	—	357	—	—	788	602	—	365	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	173	91	—	—	—	—	151	26	—	88	—
Hours per Day	—	9	9 75	—	—	—	—	9	8 75	—	9 75	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—
Number of Workers	—	234	19	—	—	—	—	274	—	—	—	—
Hours per Day	—	10	8 75	—	—	—	—	10	—	—	—	—
Days per Week	—	6	6	—	—	—	—	6	—	—	—	—
Total Hours	NA	57,462	23,061	40 1	16,601	28 9	NA	62,418	29,358	47 0	22,121	35 4
Average Weekly Hours	49 0	—	—	—	—	—	49 0	—	—	—	—	—

FACILITY	SEPTEMBER — Actual	SEPTEMBER — Scheduled				OCTOBER — Actual	OCTOBER — Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Kellett Aircraft, Philadelphia												
Total Number of Workers	NA	593	293	49.4	186	31.4	NA	726	399	55 0	262	36 1
Number of Workers	—	593	293	—	186	—	—	726	399	—	262	—
Hours per Day	—	8	7.5	—	7	—	—	8	7.5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	28,464	13,185	46.3	7,812	27.4	NA	34,848	17,955	51.5	11,004	31 6
Average Weekly Hours	48.9	—	—	—	—	—	47 0	—	—	—	—	—
Lockheed, Burbank, "B"												
Total Number of Workers	NA	13,574	10,777	79 4	3,783	27 9	NA	13,889	10,922	78.6	4,100	29 5
Number of Workers	—	13,574	10,777	—	3,783	—	—	13,889	10,922	—	4,100	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	651,552	517,296	79.4	147,537	22.6	NA	666,672	524,256	78.6	150,900	24 0
Average Weekly Hours	50.0	—	—	—	—	—	50.4	—	—	—	—	—
Lockheed, Burbank, 'A' (Vega)												
Total Number of Workers	NA	7,030	4,903	69 7	885	12.6	NA	7,357	5,166	70.2	1,095	14 9
Number of Workers	—	7,030	4,903	—	885	—	—	7,357	5,166	—	1,095	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	337,440	235,344	69.7	34,515	10.2	NA	353,136	247,968	70 2	42,705	12.1
Average Weekly Hours	45.5	—	—	—	—	—	45.0	—	—	—	—	—
Martin, Baltimore												
Total Number of Workers	NA	19,117	11,673	61.1	8,902	46.6	NA	19,441	11,741	60.4	8,976	46 2
Number of Workers	—	3,186	1,946	—	1,484	—	—	3,240	1,967	—	1,496	—
Hours per Day	—	8	7.25	—	7 25	—	—	8	7.25	—	7.25	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	15,931	9,732	—	7,418	—	—	16,201	9,784	—	7,488	—
Hours per Day	—	8	7.25	—	7.25	—	—	8	7.25	—	7.25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	892,128	493,885	55.4	376,478	42.2	NA	907,248	486,545	54.7	379,610	41.8
Average Weekly Hours	44.3	—	—	—	—	—	44.4	—	—	—	—	—
Martin, Omaha												
Total Number of Workers	NA	1,622	1,141	70.3	522	32.2	NA	1,745	1,000	57.3	906	51.9
Number of Workers	—	874	583	—	220	—	—	683	349	—	256	—
Hours per Day	—	8	7 25	—	7.25	—	—	8	8	—	8	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	535	415	—	187	—	—	822	519	—	435	—
Hours per Day	—	8	7 25	—	7.25	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	214	143	—	115	—	—	230	150	—	184	—
Hours per Day	—	8	7 25	—	7.25	—	—	8	8	—	8	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Total Hours	NA	83,184	52,824	63.5	23,468	28 2	NA	87,312	49,962	57.2	44,336	50.8
Average Weekly Hours	48.5	—	—	—	—	—	47.2	—	—	—	—	—
Naval, Philadelphia[1]												
Total Number of Workers	NA	1,321	671	50 8	240	18 2	NA	1,287	743	57 7	486	38 5
Number of Workers	—	875	642	—	160	—	—	861	617	—	496	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7.75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	164	28	—	80	—	—	166	99	—	—	—
Hours per Day	—	9	8 75	—	9 75	—	—	9	9.75	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—
Number of Workers	—	252	—	—	—	—	—	269	38	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	9.75	—	—	—
Days per Week	—	6	—	—	—	—	—	6	6	—	—	—
Total Hours	NA	67,776	31,370	46 3	12,120	17 9	NA	65,982	35,847	54 4	23,084	35 0
Average Weekly Hours	49 5	—	—	—	—	—	49 7	—	—	—	—	—

FACILITY	NOVEMBER — Actual	NOVEMBER — Scheduled				DECEMBER — Actual	DECEMBER — Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Kellett Aircraft, Philadelphia												
Total Number of Workers	NA	762	416	54.5	350	45 9	1,562	794	433	54.5	335	42 2
Number of Workers	—	762	416	—	350	—	—	794	433	—	335	—
Hours per Day	—	8	7.5	—	7	—	—	8	7.5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	38,624	18,720	51 1	14,700	40 1	69,978	38,112	19,485	51.1	14,070	36 9
Average Weekly Hours	44.9	—	—	—	—	—	44 8	—	—	—	—	—
Lockheed, Burbank, "B"												
Total Number of Workers	NA	13,881	10,766	77.6	4,894	35 2	NA	14,454	11,416	79.0	5,348	37 0
Number of Workers	—	13,881	10,766	—	4,894	—	—	14,454	11,416	—	5,348	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	666,288	516,768	77 6	190,476	28 6	NA	693,792	547,968	79.0	208,572	30 1
Average Weekly Hours	49.4	—	—	—	—	—	48 9	—	—	—	—	—
Lockheed, Burbank, 'A' (Vega)												
Total Number of Workers	NA	8,121	5,508	67 8	1,619	19 8	NA	8,714	6,153	70.6	2,043	23 4
Number of Workers	—	8,121	5,508	—	1,830	—	—	8,714	6,153	—	2,043	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	389,808	264,384	67.8	62,790	16.1	NA	418,272	295,344	70.6	79,677	19.0
Average Weekly Hours	46.9	—	—	—	—	—	44.3	—	—	—	—	—
Martin, Baltimore												
Total Number of Workers	NA	19,699	11,865	60.2	8,958	45.5	NA	13,008	12,036	61.6	8,665	44 3
Number of Workers	—	3,283	1,978	—	1,493	—	—	3,248	2,006	—	1,471	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	8	—	8	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	16,416	9,887	—	7,465	—	—	16,340	10,029	—	7,214	—
Hours per Day	—	8	7 25	—	7.25	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	919,288	501,787	54.6	378,949	41.2	NA	915,040	561,632	61.4	405,112	44 3
Average Weekly Hours	45.6	—	—	—	—	—	45.5	—	—	—	—	—
Martin, Omaha												
Total Number of Workers	NA	2,575	1,562	60.3	1,416	55.0	NA	2,798	1,816	67.9	1,464	53 5
Number of Workers	—	398	178	—	136	—	—	933	543	—	520	—
Hours per Day	—	8	7.25	—	7.25	—	—	8	7.25	—	7 25	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	1,745	1,111	—	1,002	—	—	1,545	920	—	786	—
Hours per Day	—	8	7.25	—	7 25	—	—	8	7.25	—	7 25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	464	271	—	290	—	—	312	153	—	169	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—
Total Hours	NA	122,316	66,798	54 6	68,393	49 2	NA	138,888	73,194	52.6	67,672	48 7
Average Weekly Hours	46.1	—	—	—	—	—	47.4	—	—	—	—	—
Naval, Philadelphia[1]												
Total Number of Workers	NA	1,271	871	68 5	593	46 7	NA	1,452	871	60 0	668	46 0
Number of Workers	—	926	837	—	521	—	—	1,067	871	—	595	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	156	34	—	66	—	—	129	—	—	60	—
Hours per Day	—	9	8 75	—	9 75	—	—	9	—	—	9 75	—
Days per Week	—	6	6	—	6	—	—	6	—	—	6	—
Number of Workers	—	191	—	—	4	—	—	256	—	—	4	—
Hours per Day	—	10	—	—	9 75	—	—	10	—	—	9 75	—
Days per Week	—	6	—	—	6	—	—	6	—	—	6	—
Total Hours	NA	64,286	28,786	69 4	28,615	44 2	NA	73,542	40,502	55 1	31,914	43 4
Average Weekly Hours	45 3	—	—	—	—	—	45 2	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

Facility	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas																		
Total Number of Workers	NA	3,228	2,132	66 0	0	0	NA	3,550	2,844	80 1	0	0	NA	3,860	2,869	74 3	0	0
Number of Workers	—	3,228	2,132	—	—	—	—	2,305	2,019	—	—	—	—	2,478	1,918	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	241	176	—	—	—	—	241	176	—	—	—
Hours per Day	—	—	—	—	—	—	—	8	8	—	—	—	—	9	9	—	—	—
Days per Week	—	—	—	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	334	282	—	—	—	—	1,141	775	—	—	—
Hours per Day	—	—	—	—	—	—	—	9	9	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	911	543	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	10	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	5	5	—	—	—	—	—	—	—	—	—
Total Hours	NA	129,120	55,280	66 0	—	—	NA	152,780	120,600	78 9	0	0	NA	167,015	123,390	73 9	0	0
Average Weekly Hours	41 1	—	—	—	—	—	42 6	—	—	—	—	—	43 2	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	NA	7,484	5,654	75 5	0	0	NA	7,734	5,692	73 6	0	0	NA	8,008	5,992	74 8	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	392,240	296,801	75 7	0	0	NA	401,044	295,822	73 8	0	0	NA	421,484	316,178	75.0	0	0
Average Weekly Hours	52 4	—	—	—	—	—	52 0	—	—	—	—	—	52 8	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	NA	3,625	2,610	72 0	2	0.1	NA	4,457	3,232	72 5	15	0 3	NA	4,518	3,286	72 7	31	0 7
Number of Workers	—	2	2	—	2	—	—	2	2	—	15	—	—	2	2	—	65	—
Hours per Day	—	2	2	—	6 5	—	—	2	2	—	6 5	—	—	2	2	—	6	—
Days per Week	—	—	—	—	5	—	—	—	—	—	6	—	—	—	—	—	5	—
Total Hours	NA	150,245	107,780	71 7	65	0 0	NA	190,784	138,006	72 3	585	0 3	NA	193,302	138,988	71 9	1,209	0 6
Average Weekly Hours	43 6	—	—	—	—	—	43 9	—	—	—	—	—	43 6	—	—	—	—	—
Northrop, Hawthorne																		
Total Number of Workers	NA	2,560	1,900	74 2	1,479	57 8	NA	2,349	1,628	69 3	1,290	54 9	NA	2,263	1,585	70 0	1,279	56 5
Number of Workers	—	2,560	1,900	—	1,479	—	—	2,349	1,628	—	1,290	—	—	2,263	1,585	—	1,279	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	122,880	91,200	74 2	57,681	46 9	NA	112,752	78,144	69 3	50,310	44.6	NA	108,624	76,080	70 0	49,881	45 9
Average Weekly Hours	46 0	—	—	—	—	—	46 0	—	—	—	—	—	42.5	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	NA	826	242	29 3	140	16 9	NA	852	351	41 2	161	18 9	NA	869	327	37 6	176	20.3
Number of Workers	—	826	242	—	140	—	—	852	351	—	161	—	—	869	327	—	176	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	5	5	—	6	—	—	5	5	—	6	—	—	5	5	—	5	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7 5	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Total Hours	NA	33,040	9,680	29 3	5,460	16 5	NA	34,080	14,040	41 2	6,279	18 4	NA	34,790	13,080	37 6	7,040	20 3
Average Weekly Hours	40 0	—	—	—	—	—	NA	—	—	—	—	—	43 0	—	—	—	—	—
Republic, Evansville																		
Total Number of Workers	NA	146	0	0	0	0	NA	243	0	0	0	0	NA	495	0	0	0	0
Number of Workers	—	97	—	—	—	—	—	168	—	—	—	—	—	495	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—	—	6	—	—	—	—
Number of Workers	—	49	—	—	—	—	—	75	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	6,232	0	0	0	0	NA	10,320	0	0	0	0	NA	23,760	0	0	0	0
Average Weekly Hours	43 3	—	—	—	—	—	44 3	—	—	—	—	—	52 5	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers	NA	4,477	2,712	60 6	0	0	NA	4,975	2,849	57 3	0	0	NA	5,267	3,128	59 4	0	0
Number of Workers	—	4,477	2,712	—	—	—	—	4,975	2,849	—	—	—	—	5,267	3,128	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	NA	294,520	162,720	60 6	0	0	NA	295,560	170,940	57 3	0	0	NA	316,020	187,680	59 4	0	0
Average Weekly Hours	56 9	—	—	—	—	—	55 2	—	—	—	—	—	54 9	—	—	—	—	—

Facility	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas																		
Total Number of Workers	NA	4,127	3,158	76 5	0	0	NA	5,607	3,990	71 2	0	0	10,982	8,084	5,899	73.0	0	0
Number of Workers	—	1,812	1,353	—	—	—	—	2,513	1,691	—	—	—	—	4,714	3,632	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	922	959	—	—	—	—	1,081	885	—	—	—	—	770	443	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	1,393	846	—	—	—	—	2,013	1,414	—	—	—	—	2,600	1,824	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	NA	183,620	139,575	76 0	0	0	NA	249,815	178,165	71 3	0	0	459,982	353,210	256,415	72 6	0	0
Average Weekly Hours	43 4	—	—	—	—	—	43 1	—	—	—	—	—	42 3	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	NA	8,597	6,534	76 0	0	0	NA	9,225	7,063	76 6	0	0	NA	10,045	7,745	77 1	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	467,092	353,200	75 6	0	0	NA	503,392	384,438	76 4	0	0	NA	540,782	413,124	76 4	0	0
Average Weekly Hours	54 6	—	—	—	—	—	54 5	—	—	—	—	—	53 8	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	NA	5,018	3,711	74 0	13	0 3	NA	5,766	4,397	76 3.	0	0	NA	5,613	4,321	77 0	0	0
Number of Workers	—	2	2	—	13	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	8	—	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	262,346	196,730	75 0	520	0 2	NA	286,199	215,638	75 3	0	0	NA	289,501	222,286	76 7	0	0
Average Weekly Hours	60 0	—	—	—	—	—	49 4	—	—	—	—	—	50 1	—	—	—	—	—
Northrop, Hawthorne																		
Total Number of Workers	NA	2,342	1,646	70 3	1,351	57 7	NA	3,168	1,900	60 0	1,206	38 1	NA	2,647	2,319	87 6	1,247	47 1
Number of Workers	—	2,342	1,646	—	1,351	—	—	3,168	1,900	—	1,206	—	—	2,647	2,319	—	1,247	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	NA	112,416	79,008	70 3	52,689	46 9	NA	152,064	91,200	60.0	47,034	30 9	NA	127,056	111,312	87 6	48,633	38 3
Average Weekly Hours	42.5	—	—	—	—	—	40 0	—	—	—	—	—	40 0	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	NA	805	300	37 3	157	19 5	NA	815	319	39 1	170	20 9	NA	778	319	41 0	159	20 4
Number of Workers	—	805	300	—	157	—	—	815	319	—	170	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	NR	NR	—	NR	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	7 5	—	—	—	—	—	7 5	—	—	—	—	—	—	—
Days per Week	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Total Hours	NA	32,200	12,000	37 3	6,280	19 5	NA	32,600	12,760	39 1	6,800	20 9	NA	—	—	—	—	—
Average Weekly Hours	43.0	—	—	—	—	—	45 0	—	—	—	—	—	30.0	—	—	—	—	—
Republic, Evansville																		
Total Number of Workers	NA	641	37	5 8	0	0	NA	868	215	24 8	0	0	NA	1,153	259	22 5	0	0
Number of Workers	—	641	37	—	—	—	—	868	215	—	—	—	—	1,153	259	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	NA	30,768	1,776	5 8	0	0	NA	41,664	10,320	24 8	0	0	NA	55,344	12,432	22 5	0	0
Average Weekly Hours	51 3	—	—	—	—	—	52 5	—	—	—	—	—	55 1	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers	NA	5,600	3,470	62 0	0	0	NA	6,009	3,795	62 5	0	0	NA	6,511	4,116	63 2	0	0
Number of Workers	—	5,600	3,470	—	—	—	—	6,009	3,795	—	—	—	—	6,511	4,119	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5 9	5 8	—	—	—	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—
Total Hours	NA	324,800	201,260	62 0	0	0	NA	382,002	220,110	62 5	0	0	NA	377,638	238,844	63 2	—	—
Average Weekly Hours	55 2	—	—	—	—	—	56 4	—	—	—	—	—	57 5	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1942

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	NA	944	409	43 3	10	1 1	NA	960	457	47 6	30	3 1	NA	1,011	495	49.0	29	2.9
Number of Workers	——	944	409	—	10	—	——	960	457	—	30	—	——	1,011	495	—	29	—
Hours per Day	——	8	8	—	6 5	—	——	8	8	—	6 5	—	——	8	8	—	6.5	—
Days per Week	——	6	6	—	6	—	——	6	6	—	6	—	——	6	6	—	6	—
Total Hours	NA	45,312	19,632	43 3	390	0.9	NA	46,080	21,936	47 6	1,170	2 5	NA	48,528	23,760	49 0	1,131	2 3
Average Weekly Hours	49 0	——	——	——	——	——	51 0	——	——	——	——	——	51 0	——	——	——	——	——
St Louis Aircraft, St Louis																		
Total Number of Workers	NA	80	6	7 5	0	0	NA	91	6	6 6	0	0	NA	111	22	19 8	0	0
Number of Workers	——	80	6	—	——	——	——	91	6	—	——	——	——	111	22	—	——	——
Hours per Day	——	8	8	—	——	——	——	8	8	—	——	——	——	8	8	—	——	——
Days per Week	——	6	6	—	——	——	——	6	6	—	——	——	——	6	6	—	——	——
Total Hours	NA	3,840	288	7 5	0	0	NA	4,368	288	6 6	0	0	NA	5,328	1,056	19 8	0	0
Average Weekly Hours	48.0	——	——	——	——	——	48 0	——	——	——	——	——	48.0	——	——	——	——	——
Spartan, Tulsa																		
Total Number of Workers	NA	246	92	37 4	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	126	45	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	120	47	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	NA	10,848	4,040	37 2	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	45.5	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	NA	243	47	19 3	0	0	NA	255	0	0	0	0	NA	236	0	0	0	0
Number of Workers	——	243	47	—	——	——	——	255	——	——	——	——	——	236	——	——	——	——
Hours per Day	——	8	8	—	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	6	6	—	——	——	——	6	——	——	——	——	——	6	——	——	——	——
Total Hours	NA	11,664	2,256	19 3	0	0	NA	12,240	0	0	0	0	NA	11,328	0	0	0	0
Average Weekly Hours	NA	——	——	——	——	——	NA	——	——	——	——	——	53.5	——	——	——	——	——
Waco, Troy																		
Total Number of Workers	NA	607	187	30 8	0	0	NA	536	241	45.0	198	36.9	NA	547	302	55 2	174	31.8
Number of Workers	——	——	——	——	——	——	——	——	241	——	——	——	——	——	13	—	12	—
Hours per Day	——	2	2	—	——	——	——	2	7.5	—	2	—	——	2	8	—	8	—
Days per Week	——	2	2	—	——	——	——	2	6	—	2	—	——	——	7	—	7	—
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	266	—	162	—
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	7 5	—	7.5	—
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	—	6	—
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	23	—	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	11	—	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	5	—	——	——
Total Hours	NA	35,138	10,669	30 4	0	0	NA	25,191	10,845	43 1	9,336	37.1	NA	25,682	13,963	54.4	7,962	31 0
Average Weekly Hours	55 4	——	——	——	——	——	46 3	——	——	——	——	——	46.2	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift			Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	NA	1,131	564	49.9	32	2 8	NA	1,319	602	45 6	38	2 9	NA	1,534	729	47 5	66	4 3
Number of Workers	——	1,131	564	—	32	—	——	1,319	602	—	38	—	——	1,534	729	—	66	—
Hours per Day	——	8	8	—	6 5	—	——	8	8	—	6.5	—	——	8	8	—	6 5	—
Days per Week	——	6	6	—	6	—	——	6	6	—	6	—	——	6	6	—	6	—
Total Hours	NA	54,288	27,072	49 9	1,248	2 3	NA	63,312	28,896	45 6	1,482	2 3	NA	73,632	34,992	47 5	2,574	3 5
Average Weekly Hours	50 5	——	——	——	——	——	50 6	——	——	——	——	——	49 1	——	——	——	——	——
St Louis Aircraft, St Louis																		
Total Number of Workers	NA	152	26	17 1	0	0	NA	216	29	13 4	0	0	199	166	33	19 9	0	0
Number of Workers	——	152	26	—	——	——	——	216	29	—	——	——	——	166	33	—	——	——
Hours per Day	——	8	8	—	——	——	——	8	8	—	——	——	——	8	8	—	——	——
Days per Week	——	6	6	—	——	——	——	6	6	—	——	——	——	6	6	—	——	——
Total Hours	NA	7,296	1,248	17.1	0	0	NA	10,368	1,392	13 4	0	0	9,693	7,968	1,584	19 9	0	0
Average Weekly Hours	48.0	——	——	——	——	——	47.1	——	——	——	——	——	48 7	——	——	——	——	——
Spartan, Tulsa																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	NA	286	39	13 6	0	0	NA	289	93	32 2	0	0	NA	316	107	33 9	0	0
Number of Workers	——	286	39	—	——	——	——	289	93	—	——	——	——	316	107	—	——	——
Hours per Day	——	8	9.6	—	——	——	——	8	8	—	——	——	——	8	8	—	——	——
Days per Week	——	6	5	—	——	——	——	6	6	—	——	——	——	6	6	—	——	——
Total Hours	NA	13,728	1,872	13 6	0	0	NA	13,872	4,464	32 2	0	0	NA	15,168	5,136	33 9	0	0
Average Weekly Hours	53 1	——	——	——	——	——	53.4	——	——	——	——	——	51 6	——	——	——	——	——
Waco, Troy																		
Total Number of Workers	NA	600	336	56 0	186	31 0	NA	639	371	58 1	184	28 8	NA	669	386	57 7	216	32 3
Number of Workers	——	29	16	—	14	—	——	23	20	—	19	—	——	28	19	—	17	—
Hours per Day	——	8	8	—	8	—	——	8	8	—	8	—	——	8	8	—	8	—
Days per Week	——	7	7	—	7	—	——	6	6	—	6	—	——	7	7	—	7	—
Number of Workers	——	80	38	—	172	—	——	91	46	—	165	—	——	95	45	—	199	—
Hours per Day	——	11	11	—	7 5	—	——	11	11	—	7.5	—	——	11	11	—	7 5	—
Days per Week	——	6	6	—	7	—	——	6	6	—	7	—	——	6	6	—	6	—
Number of Workers	——	491	282	—	——	——	——	525	305	—	——	——	——	546	322	—	——	——
Hours per Day	——	7 5	7.5	—	——	——	——	7 5	7 5	—	——	——	——	7 5	7 5	—	——	——
Days per Week	——	7	7	—	——	——	——	7	7	—	——	——	——	6	6	—	——	——
Total Hours	NA	32,682	18,209	55 7	9,814	30 0	NA	34,673	20,009	57 7	9,575	27 6	NA	32,408	18,524	57 2	9,907	30 6
Average Weekly Hours	54 3	——	——	——	——	——	53 8	——	——	——	——	——	47 8	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945

JANUARY TO JUNE, 1943

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Total Number of Workers	400,293	2 2, 36	146,531	69 1	53,059	25 0	392,278	200,942	144,440	71 9	56,283	28 0	409,416	217,455	152,910	70 3	54,767	25 2
Total Hours	18,546,389	10,454,529	7,338,106	68 1	2,163,758	20 6	17,810,802	9,877,554	6,963,414	70 5	2,319,399	23 5	18,989,001	10,950,581	7,503,372	69 2	2,243,552	20 7
Average Weekly Hours	46 33	48 45	48 71	—	40 75	—	45 40	49 16	48 21	—	41 21	—	46 4	49 9	49 1	—	41 0	—
Aeronca, Middletown																		
Total Number of Workers	638	438	212	48 4	0	0	694	508	208	40 9	0	0	752	576	199	34 5	0	0
Number of Workers	—	438	212	—	—	—	—	508	208	—	—	—	—	576	199	—	—	—
Hours per Day	—	8	8	—			—	8	8	—			—	8	8	—		
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	32,491	21 024	10,176	48 4	0	0	33,390	24,384	9,984	40 9	0	0	34,530	27,648	9,552	34 5	0	0
Average Weekly Hours	50 9	—	—	—	—	—	48 1	—	—	—	—	—	45 9	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	6,123	3,020	2,312	76 6	791	26 2	6,173	3,035	2,334	76 9	804	26 5	6,317	3,260	2,224	68 2	833	25 6
Number of Workers	—	3,020	2,312	—	791	—	—	3,035	2,334	—	804	—	—	3,260	2,224	—	833	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	254,146	144,960	110,976	76 6	30,249	21 3	285,194	145,680	112,032	76 9	31,356	21 5	295,482	156,480	106,752	68 2	32,487	20 8
Average Weekly Hours	46 4	—	—	—	—	—	46 2	—	—	—	—	—	46.8	—	—	—	—	—
Bell, Marietta																		
Total Number of Workers	226[18]	190	36	18 9	0	0	226[18]	190	36	18.9	0	0	369[17]	327	42	12 8	0	0
Number of Workers	—	190	36	—	—	—	—	190	36	—	—	—	—	327	42	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	10,652	9,120	1,728	18 9	0	0	10,528	9,120	1,728	18 9	0	0	16,992	15,696	2,016	12.8	0	0
Average Weekly Hours	47 1	—	—	—	—	—	46.6	—	—	—	—	—	46 0	—	—	—	—	—
Bell, Buffalo[19]																		
Total Number of Workers	13,422	6,800	5,300	77 9	2,250	33 1	13,740	7,000	5,500	78 6	2,400	34 3	13,561	7,043	5,239	74 4	2,146	30.5
Number of Workers	—	6,800	5,300	—	2,250	—	—	7,000	5,500	—	2,400	—	—	7,043	5,239	—	2,146	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week[20]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	612,622	326,400	254,400	77.9	87,750	26 9	603,893	336,000	264,000	78 6	93,600	27.9	607,944	338,064	251,472	74 4	83,694	24.8
Average Weekly Hours	45 6	—	—	—	—	—	44.0	—	—	—	—	—	44.8	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	913	985	315	32 0	140	14 2	[21]						[21]					
Number of Workers	—	985	315	—	140	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	41,920	47,280	15,120	32 0	6,720	14 2	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	45.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Boeing, Renton																		
Total Number of Workers	310	297	13	4 4	0	0	458	399	59	14 8	0	0	659	503	156	31 0	0	0
Number of Workers	—	41	1	—	—	—	—	24	5	—	—	—	—	32	18	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	256	12	—	—	—	—	375	54	—	—	—	—	471	138	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	13,894	13,928	616	4 4	0	0	21,804	18,960	2,792	14 7	0	0	31,396	23,888	7,344	30 7	0	0
Average Weekly Hours	44 8	—	—	—	—	—	47 6	—	—	—	—	—	47 6	—	—	—	—	—
Boeing, Seattle																		
Total Number of Workers	18,429	9,863	6,936	70 3	1,241	12 6	18,369	9,545	6,858	71 8	1,545	16 2	17,699	9,376	6,525	69 6	1,496	16 0
Number of Workers	—	9,386	6,885	—	1,190	—	—	8,583	6,212	—	1,489	—	—	7,837	5,546	—	1,278	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	477	251	—	51	—	—	962	646	—	56	—	—	1,539	979	—	218	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	787,366	477,240	334,936	70 2	48,731	10 2	785,377	465,856	334,352	71 8	60,619	13 0	768,693	462,360	321 032	69 4	59,761	12 9
Average Weekly Hours	42 7	—	—	—	—	—	42 8	—	—	—	—	—	43 4	—	—	—	—	—

FACILITY	APRIL						MAY						JUNE					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Total Number of Workers	409,804	217,878	150,321	69 0	54,302	24 9	427,427	226,255	159,291	70 4	58,665	25 4	424,596	226,734	157,225	69 3	57 514	25 4
Total Hours	18,941,776	10,847,904	7,359,235	67 8	2,213,026	20 4	19,689,671	11,235,701	7,791,506	69 4	2,416,809	21 5	19,710,406	11 242,312	7,651,207	68 3	57 270	20 7
Average Weekly Hours	46 2	49 8	49 0	—	40 8	—	46 0	49 7	48 9	—	40 5	—	45 6	49 6	48 9	—	49 5	
Aeronca, Middletown																		
Total Number of Workers	745	546	199	36 4	0	0	715	560	172	30 7	0	0	711	564	178	31 6	0	0
Number of Workers	—	546	199	—	—	—	—	560	172	—	—	—	—	564	178	—		
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	9 6	—		
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	5	—		
Total Hours	33,585	26,208	9,552	36 4	0	0	33,828	26,880	8,256	30 7	0	0	32,442	27,072	8,544	31 6	0	0
Average Weekly Hours	45 1	—	—	—	—	—	47 3	—	—	—	—	—	45 6	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	5,647	2,763	2,059	74 5	825	29.9	5,261[15]	2,652	1,980	74 7	825	31 1	4,991[15]	2,596	1,910	73 6	785	30 2
Number of Workers	—	2,763	2,059	—	825	—	—	2,652	1,980	—	825	—	—	2,596	1,910	—	785	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	267,506	132,624	98,832	74 5	32,175	24 3	250,774	127,296	95,040	74 7	32,175	25 3	238,567	124,608	91,680	73 6	30,615	24 6
Average Weekly Hours	47.4	—	—	—	—	—	47 7	—	—	—	—	—	47.8	—	—	—	—	—
Bell, Marietta																		
Total Number of Workers	677[18]	453	224	49.4	0	0	1,378	1,118	260	23 3	0	0	1,278	940	404	43 0	0	0
Number of Workers	—	453	224	—	—	—	—	1,118	260	—	—	—	—	940	404	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8-	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	31,602	21,744	10,752	49 4	0	0	63,784	53,664	12,480	23 3	0	0	56,628	45,120	19,392	43 0	0	0
Average Weekly Hours	46.7	—	—	—	—	—	46 3	—	—	—	—	—	44 3	—	—	—	—	—
Bell, Buffalo[19]																		
Total Number of Workers	14,404	7,501	5,522	73 6	2,320	30 9	15,574	8,198	5,827	71 1	2,589	31 6	15,845	8,319	5,777	69 4	2,669	32 1
Number of Workers	—	7,501	5,522	—	2,320	—	—	8,198	5,827	—	2,589	—	—	8,319	5,777	—	2,669	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week[20]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	629,843	360,048	265,056	73 6	90,480	25 1	594,597	393,504	279,696	71 1	100,971	25 7	594,573	399,312	277,296	69 4	104,091	26 1
Average Weekly Hours	43.7	—	—	—	—	—	38 2	—	—	—	—	—	37 5	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	[21]						[21]						63	50	0	0	0	0
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	50	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	2,824	2,400	0	0	0	0
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	44 8	—	—	—	—	—
Boeing, Renton																		
Total Number of Workers	1,148	882	264	29 9	2	0 2	1,254	1,007	287	28.5	2	0 2	1,461	1,229	276	22 5	2	0 2
Number of Workers	—	81	26	—	1	—	—	66	23	—	2	—	—	43	14	—	2	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	5	5	—	5	—	—	5	5	—	6	—	—	5	5	—	6	—
Number of Workers	—	801	238	—	1	—	—	941	264	—	—	—	—	1,186	262	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	42,449	41,688	12,464	29 9	72	0 2	45,728	47,808	13,592	28 4	78	0 2	58,356	58,648	13,136	22 4	78	0 1
Average Weekly Hours	37 0	—	—	—	—	—	36 5	—	—	—	—	—	39 9	—	—	—	—	—
Boeing, Seattle																		
Total Number of Workers	16,922	9,077	6,180	68 1	1,423	15 7	16,313	8,803	5,850	66 5	1,389	15 8	15,928	8,911	5,430	60 9	1,293	14 5
Number of Workers	—	6,359	3,935	—	1,060	—	—	7,083	4,190	—	1,317	—	—	8,576	5,035	—	1,226	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	2,443	1,805	—	354	—	—	1,540	1,239	—	72	—	—	91	271	—	67	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	6 75	6 75	—	7	—
Number of Workers	—	275	140	—	—	—	—	180	427	—	—	—	—	244	124	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	761,724	458,540	316,360	69 0	57,798	12 6	718,561	437,024	296,724	67 8	54,939	12 5	728,543	434 226	288 [illegible]	66 2	50 863	11 8
Average Weekly Hours	44 9	—	—	—	—	—	43 9	—	—	—	—	—	42 6	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

AIRCRAFT	JANUARY						FEBRUARY						MARCH					
	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First
Boeing, Wichita No 1																		
Total Number of Workers	1,970	931	668	71 8	402	43 2	1,783	882	620	70 3	346	39 2	1,711	854	613	71.8	345	40 4
Number of Workers	—	931	668	—	402	—	—	882	620	—	346	—	—	854	613	—	345	—
Hours per Day	—	7 5	7 5		7 5	—	—	7 5	7.5	—	7 5	—	—	8	8	—	8	—
Days per Week	—	6	6		6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	83,612	41,895	30,060	71 8	16,690	43 2	78,807	39,690	27,900	70 3	15,570	39 2	81,526	40,992	29,424	71 8	16,560	40 4
Average Weekly Hours	42 4	—	—	—	—	—	44 2	—	—	—	—	—	47 9	—	—	—	—	—
Bomber, Wichita No 2																		
Total Number of Workers	8,996	4,008	2,908	72 6	2,475	61 8	10,530	4,578	3,359	73 4	2,986	65 2	9,378	4,275	3,583	83 8	2,064	48 3
Number of Workers	—	4,008	2,908	—	2,475	—	—	4,578	3,359	—	2,986	—	—	4,275	3,583	—	2,064	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7 5	7.5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	410,089	180,360	130 560	72 6	111,375	61 8	485,433	206,010	151,155	73 4	134,370	65 2	461,398	192,375	161,235	83 8	92,880	48 3
Average Weekly Hours	45 6	—	—	—	—	—	46 1	—	—	—	—	—	49.2	—	—	—	—	—
Brewster, Long Island																		
Total Number of Workers	5,315	3,664	1,894	51 7	0	0	4,833	3,561	1,930	54.2	0	0	4,753	3,330	1,802	54 1	0	0
Number of Workers	—	3	2	—	—	—	—	3	2	—	—	—	—	3	2	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	294,451	203,386	104,714	51 5	0	0	264,365	195,944	104,630	53.4	0	0	261,320	183,780	98,408	53.5	0	0
Average Weekly Hours	55 4	—	—	—	—	—	54.7	—	—	—	—	—	55.0	—	—	—	—	—
Brewster, Newark																		
Total Number of Workers	2,303	1,670	783	46 9	0	0	2,240	1,633	747	45.7	0	0	2,199	1,581	717	45 4	0	0
Number of Workers	—	1,670	783	—	—	—	—	1,633	747	—	—	—	—	1,581	717	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5 8	5 9	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	123,210	88,677	41,577	46 9	0	0	120,960	88,182	40,333	45 7	0	0	118,746	85,374	38,718	45.4	0	0
Average Weekly Hours	53 5	—	—	—	—	—	54.0	—	—	—	—	—	54 0	—	—	—	—	—
Brewster, Johnsville																		
Total Number of Workers	2,775	2,131	993	46 6	0	0	2,800	2,095	1,176	56.1	0	0	2,954	2,170	1,144	52.7	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	159,563	120,327	55,986	46 5	0	0	161,560	119,521	69,182	57 9	0	0	169,264	123,463	66,605	53.9	0	0
Average Weekly Hours	57.5	—	—	—	—	—	57 7	—	—	—	—	—	57 3	—	—	—	—	—
Budd, Philadelphia																		
Total Number of Workers	3,307	1,914	1,178	61 5	349	18 2	3,694	2,002	1,205	60 2	488	24 4	4,132	2,306	1,331	57 7	562	24 4
Number of Workers	—	2	2	—	2	—	—	2	2	—	2	—	—	2	2	—	2	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	140,536	87,417	53,529	61 2	15,905	18 2	158,650	90,239	54,992	60 9	21,825	24 2	179,185	105,107	60,936	58 0	26,195	24 9
Average Weekly Hours	42 5	—	—	—	—	—	42.9	—	—	—	—	—	43 4	—	—	—	—	—
Consta. Wichita																		
Total Number of Workers	3,268	1,468	1,351	92 0	493	33 6	3,249	1,420	1,337	94 2	473	33.3	3,422	1,507	1,341	89 0	519	34 4
Number of Workers	—	1,188	1,092	—	275	—	—	1,420	1,337	—	473	—	—	1,507	1,341	—	519	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7.5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	280	259	—	218	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	7	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	7 5	7 5	—	7 5	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	147,511	88,160	62,738	92 0	23,820	34 9	139,755	83,900	60,165	94 2	21,285	33 3	166,070	67,815	60,345	89 0	23,355	34 4
Average Weekly Hours	45 1	—	—	—	—	—	43 0	—	—	—	—	—	48 5	—	—	—	—	—
Chance-Vought, Stratford																		
Total Number of Workers	5,877	3,490	2,443	70 0	0	0	6,197	3,690	2,607	70 7	0	0	6,530	3,803	2,854	75 3	0	0
Number of Workers	—	3,490	2,443	—	—	—	—	3,690	2,607	—	—	—	—	3,803	2,854	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	5 8	5 8	—	—	—
Total Hours	326,261	209,400	146,580	70 0	0	0	340,291	221,400	156,420	70 7	0	0	356,288	225,794	165,332	73 3	0	0
Average Weekly Hours	55 5	—	—	—	—	—	54 9	—	—	—	—	—	54 6	—	—	—	—	—

AIRCRAFT	APRIL						MAY						JUNE					
	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First	Actual — All Shifts	First Shift	Scheduled — Second Shift Number	% of First	Third Shift Number	% of First
Boeing, Wichita No 1																		
Total Number of Workers	1,796	848	648	76 4	366	43 2	1,746	826	628	76 0	341	41 3	1,685	793	586	73 9	345	43 5
Number of Workers	—	848	648	—	366	—	—	826	628	—	341	—	—	793	586	—	345	—
Hours per Day	—	7 5	7 5	—	7.5	—	—	7 5	7.5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	76,330	38,160	29,160	76.4	16,470	43 2	74,554	37,170	28,260	76 0	15,345	41 3	74,809	35,685	26,370	73 9	15,525	43 5
Average Weekly Hours	42 5	—	—	—	—	—	42 7	—	—	—	—	—	44 4	—	—	—	—	—
Bomber, Wichita No 2																		
Total Number of Workers	9,172	4,176	3,401	81 4	2,070	49 6	9,010	3,826	3,156	82 5	2,583	67 5	8,865	3,578	2,919	81 6	2,919	81 6
Number of Workers	—	4,176	3,401	—	2,070	—	—	3,826	3,156	—	2,583	—	—	3,578	2,919	—	2,919	—
Hours per Day	—	7.5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	393,479	187,920	153,045	81 4	93,150	49 6	388,146	172,170	142,020	82 5	116,235	67 5	392,976	161,010	131,355	81 6	131,355	81 6
Average Weekly Hours	42 9	—	—	—	—	—	43 1	—	—	—	—	—	44 3	—	—	—	—	—
Brewster, Long Island																		
Total Number of Workers	5,478	3,665	2,030	55.4	0	0	5,645	3,807	2,106	55 3	0	0	5,856	3,800	2,087	54 9	0	0
Number of Workers	—	3	2	—	—	—	—	3	2	—	—	—	—	3	2	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	297,218	208,750	118,852	56 9	0	0	297,568	213,946	120,316	56 2	0	0	300,686	213,202	118,799	55 7	0	0
Average Weekly Hours	54 3	—	—	—	—	—	52.7	—	—	—	—	—	51 3	—	—	—	—	—
Brewster, Newark																		
Total Number of Workers	2,264	1,545	683	44 2	0	0	2,056	1,344	646	48 1	0	0	1,877	1,291	630	48 8	0	0
Number of Workers	—	1,545	683	—	—	—	—	1,344	646	—	—	—	—	1,291	630	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	115,020	83,430	36,882	44 2	0	0	102,162	72,576	34,884	48 1	0	0	95,796	69,714	34,020	48.8	0	0
Average Weekly Hours	50.8	—	—	—	—	—	49.7	—	—	—	—	—	51 0	—	—	—	—	—
Brewster, Johnsville																		
Total Number of Workers	3,094	2,200	1,057	48 0	0	0	3,032	2,191	1,022	46 6	0	0	3,254	2,358	1,032	43 8	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	154,996	117,398	56,417	48 1	0	0	141,032	116,989	54,496	46.6	0	0	173,113	125,592	54,831	43 7	0	0
Average Weekly Hours	50.1	—	—	—	—	—	46.5	—	—	—	—	—	53 2	—	—	—	—	—
Budd, Philadelphia																		
Total Number of Workers	4,105	2,403	1,269	52 8	482	20 1	3,862	2,287	1,195	52 3	384	16 8	3,630	2,261	1,099	48 6	289	12 8
Number of Workers	—	2	2	—	2	—	—	2	2	—	2	—	—	2	2	—	2	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	176,433	107,541	57,701	53 7	21,908	20 4	164,057	101,784	53,337	52 4	17,199	16 9	155,861	100,782	49,675	49 3	12,827	12 7
Average Weekly Hours	43 0	—	—	—	—	—	42 5	—	—	—	—	—	42 9	—	—	—	—	—
Consta. Wichita																		
Total Number of Workers	3,428	1,477	1,359	92 0	553	37 4	3,107	1,438	1,424	99 0	362	25 2	2,777	1,364	1,271	93 2	167	12 2
Number of Workers	—	1,477	1,359	—	553	—	—	1,438	1,424	—	362	—	—	1,364	1,271	—	167	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	154,030	66,465	61,155	92 0	24,885	37 4	138,921	64,710	64,080	99 0	16,290	25 2	121,609	51,380	57,195	93 2	7,515	12 2
Average Weekly Hours	44 9	—	—	—	—	—	44 7	—	—	—	—	—	43 3	—	—	—	—	—
Chance-Vought, Stratford																		
Total Number of Workers	6,738	4,087	2,999	73 4	0	0	6,930	4,234	3,080	72 7	0	0	6,840	4,050	3,023	74 6	0	0
Number of Workers	—	4,087	2,999	—	—	—	—	4,234	3,080	—	—	—	—	4,050	3,023	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5 8	5 8	—	—	—	—	5 7½	5 7½	—	—	—	—	5 7½	5 7½	—	—	—
Total Hours	372,249	247,046	173,942	73 4	0	0	381,115	241,338	175,560	72 7	0	0	369,766	235,350	172,311	74 5	0	0
Average Weekly Hours	55 3	—	—	—	—	—	55 0	—	—	—	—	—	54 1	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

FACILITY	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled Second Shift Number	JANUARY — Scheduled Second Shift % of First	JANUARY — Scheduled Third Shift Number	JANUARY — Scheduled Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Actual — First Shift	FEBRUARY — Scheduled Second Shift Number	FEBRUARY — Scheduled Second Shift % of First	FEBRUARY — Scheduled Third Shift Number	FEBRUARY — Scheduled Third Shift % of First	MARCH — Actual — All Shifts	MARCH — Actual — First Shift	MARCH — Scheduled Second Shift Number	MARCH — Scheduled Second Shift % of First	MARCH — Scheduled Third Shift Number	MARCH — Scheduled Third Shift % of First
Glenn L. Martin, Middle River																		
Total Number of Workers																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours																		
Average Weekly Hours																		
Consol-Vultee, Allentown																		
Total Number of Workers																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours																		
Average Weekly Hours																		
Consol-Vultee, Downey																		
Total Number of Workers	3,534	2,133	1,398	65 5	3	0 1	3,446	2,082	1,331	63.9	33	1 6	3,547	2,132	1,375	64 5	40	1 9
Number of Workers	—	2,133	1,398	—	3	—	—	2,082	1,331	—	33	—	—	2,132	1,375	—	40	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	167,742	102,384	67,104	65.5	117	0 1	160,636	99,936	63,888	63 9	1,287	1.3	163,424	102,336	66,000	64 5	1,560	1 5
Average Weekly Hours	47 5	—	—	—	—	—	46 6	—	—	—	—	—	46 1	—	—	—	—	—
Consol-Vultee, Fort Worth																		
Total Number of Workers	8,703	4,583	3,836	83.7	284	6 2	8,286	4,487	3,714	82 8	208	4 6	9,623	5,281	4,413	83 6	95	1.8
Number of Workers	—	4,583	3,836	—	284	—	—	4,487	3,714	—	208	—	—	5,281	4,413	—	95	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	393,341	219,954	184,128	83 7	11,076	5 0	354,251	215,376	178,272	82 8	8,112	3.8	437,018	253,488	211,824	83 6	3,705	1.5
Average Weekly Hours	45 2	—	—	—	—	—	42.8	—	—	—	—	—	45 4	—	—	—	—	—
Consol-Vultee, New Orleans																		
Total Number of Workers																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours																		
Average Weekly Hours																		
Consol-Vultee, Nashville																		
Total Number of Workers	2,930	1,674	1,045	62 4	211	12 6	3,019	1,680	1,082	64.4	247	14 7	2,902	1,616	1,041	64.4	245	15 2
Number of Workers	—	1,674	1,045	—	211	—	—	1,680	1,082	—	247	—	—	1,616	1,041	—	245	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	141,305	86,774	55,090	63 5	8,411	9 7	139,344	85,924	55,728	64 9	9,646	11 2	148,786	82,258	53,920	65 5	10,855	13 2
Average Weekly Hours	48 0	—	—	—	—	—	46 2	—	—	—	—	—	51.6	—	—	—	—	—
Consol-Vultee, San Diego	(revised)																	
Total Number of Workers	25,116	14,109	10,842	76 8	356	2 5	25,521	14,384	10,708	74 4	235	1 6	25,656	13,912	11,223	80 7	259	1 9
Number of Workers	—	9,062	6,723	—	356	—	—	9,399	6,690	—	40	—	—	10,494	8,656	—	93	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	5,047	4,119	—	—	—	—	4,985	4,018	—	195	—	—	3,418	2,567	—	166	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	—	—	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	1,262,605	717,608	553,368	77 1	13,884	1 9	1,215,788	730,312	546,128	74 8	10,433	1 4	1,251,865	695,120	559,240	80 5	11,180	1 6
Average Weekly Hours	50 3	—	—	—	—	—	47 6	—	—	—	—	—	48 8	—	—	—	—	—

FACILITY	APRIL — Actual — All Shifts	APRIL — Actual — First Shift	APRIL — Scheduled Second Shift Number	APRIL — Scheduled Second Shift % of First	APRIL — Scheduled Third Shift Number	APRIL — Scheduled Third Shift % of First	MAY — Actual — All Shifts	MAY — Actual — First Shift	MAY — Scheduled Second Shift Number	MAY — Scheduled Second Shift % of First	MAY — Scheduled Third Shift Number	MAY — Scheduled Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Actual — First Shift	JUNE — Scheduled Second Shift Number	JUNE — Scheduled Second Shift % of First	JUNE — Scheduled Third Shift Number	JUNE — Scheduled Third Shift % of First
Glenn L. Martin, Middle River																		
Total Number of Workers							687	733[25]	28	3 8	0	0	904	575[25]	86	9 8	0	0
Number of Workers	—	—	—	—	—	—	—	456	28	—	—	—	—	534	86	—	—	—
Hours per Day	—	—	—	—	—	—	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—
Days per Week	—	—	—	—	—	—	—	5 84	5 84	—	—	—	—	5 84	5 84	—	—	—
Number of Workers	—	—	—	—	—	—	—	277	—	—	—	—	—	344	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	9 5	—	—	—	—	—	9 5	—	—	—	—
Days per Week	—	—	—	—	—	—	—	5 42	—	—	—	—	—	5 42	—	—	—	—
Total Hours	—	—	—	—	—	—	38,742	39,562	1,553	3 9	0	0	51,502	47,339	4,771	10 1	0	0
Average Weekly Hours	—	—	—	—	—	—	56 4	—	—	—	—	—	57 4	—	—	—	—	—
Consol-Vultee, Allentown																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	13	78	0	0	0	0
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	78	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	332	3,744	0	0	0	0
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	25 5	—	—	—	—	—
Consol-Vultee, Downey																		
Total Number of Workers	3,614	2,129	1,427	67.0	58	2 7	3,503	2,061	1,382	67 1	60	2 9	3,522	2,090	1,352	64 7	80	3 8
Number of Workers	—	2,129	1,427	—	58	—	—	2,061	1,382	—	60	—	—	2,090	1,352	—	80	—
Hours per Day	—	8	—	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	157,075	102,192	68,496	67 0	2,262	2 2	150,963	98,928	66,336	67 1	2,340	2 4	155,637	100,320	64,896	64.7	3,120	3 1
Average Weekly Hours	43 5	—	—	—	—	—	43 1	—	—	—	—	—	44 2	—	—	—	—	—
Consol-Vultee, Fort Worth																		
Total Number of Workers	9,572	5,277	4,483	85 0	27	0 5	10,437	5,871	4,889	83 3	31	0 5	11,296	6,369	5,302	83 2	43	0 7
Number of Workers	—	5,277	4,483	—	27	—	—	5,871	4,889	—	31	—	—	6,369	5,302	—	43	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	439,982	253,296	215,184	85 0	1,053	0 4	489,787	281,808	234,672	83 3	1,209	0 4	517,335	305,712	254,496	83 2	1,677	0 5
Average Weekly Hours	46.0	—	—	—	—	—	46.9	—	—	—	—	—	45 8	—	—	—	—	—
Consol-Vultee, New Orleans																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	9	14	0	0	0	0
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	14	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	400	672	0	0	0	0
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	44 4	—	—	—	—	—
Consol-Vultee, Nashville																		
Total Number of Workers	2,943	1,601	1,031	64 4	311	19 4	2,277	1,343	876	65 2	247	18 4	2,187	1,268	819	64 6	220	17 4
Number of Workers	—	1,601	1,031	—	311	—	—	1,343	876	—	247	—	—	1,268	819	—	220	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	135,896	74,652	48,410	64 8	12,909	17 3	104,828	60,184	39,200	65 1	9,594	15 9	98,327	57,480	37,024	64 4	7,586	13 2
Average Weekly Hours	46 2	—	—	—	—	—	46 0	—	—	—	—	—	45 0	—	—	—	—	—
Consol-Vultee, San Diego																		
Total Number of Workers	24,549	13,845	10,649	79 5	235	1 7	23,461	13,341	10,855	81 4	180	1 3	23,054	13,195	10,330	78 3	110	0 8
Number of Workers	—	12,271	9,216	—	235	—	—	13,033	10,038	—	180	—	—	12,722	9,610	—	110	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	38	534	—	—	—	—	66	520	—	—	—	—	126	439	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	1,336	1,099	—	—	—	—	242	297	—	—	—	—	347	281	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	1,134,751	664,736	516,728	77 7	9,185	1 4	1,085,672	640,720	510,936	79 7	7,020	1 1	930,695	633,112	457,552	77 0	4,290	0 7
Average Weekly Hours	46 2	—	—	—	—	—	46 3	—	—	—	—	—	40 4	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

FACILITY	JANUARY Actual All Shifts	JANUARY Scheduled First Shift	JANUARY Scheduled Second Shift Number	JANUARY Scheduled Second Shift % of First	JANUARY Scheduled Third Shift Number	JANUARY Scheduled Third Shift % of First	FEBRUARY Actual All Shifts	FEBRUARY Scheduled First Shift	FEBRUARY Scheduled Second Shift Number	FEBRUARY Scheduled Second Shift % of First	FEBRUARY Scheduled Third Shift Number	FEBRUARY Scheduled Third Shift % of First	MARCH Actual All Shifts	MARCH Scheduled First Shift	MARCH Scheduled Second Shift Number	MARCH Scheduled Second Shift % of First	MARCH Scheduled Third Shift Number	MARCH Scheduled Third Shift % of First
Curtiss, Buffalo																		
Total Number of Workers	24,720	11,805	8,477	71 8	4,972	42 1	24,753	12,354	8,549	69 2	5,017	40 6	24,680	12,329	8,661	70 2	4,958	40 2
Number of Workers	—	11,805	8,477	—	4,972	—	—	12,354	8,549	—	5,017	—	—	12,329	8,661	—	4,958	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	1,095,115	566,640	406,896	71 8	193,908	34 2	1,110,333	592,992	410,352	69 2	195,663	33 0	1,095,688	591,792	415,728	70 2	193,362	32 7
Average Weekly Hours	44 4	—	—	—	—	—	44 9	—	—	—	—	—	44 4	—	—	—	—	—
Curtiss, Columbus																		
Total Number of Workers	13,517	6,241	4,176	66 9	3,100	49 7	14,326	6,553	4,415	67 4	3,358	51 2	11,435	6,481	4,362	67 3	3,400	52 5
Number of Workers	—	6,241	4,176	—	3,100	—	—	6,553	4,415	—	3,358	—	—	6,481	4,362	—	3,400	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	612,222	299,568	200,448	66 9	120,900	40 4	646,232	314,544	211,920	67 4	130,962	41 6	523,840	311,088	209,376	67 3	132,600	42 6
Average Weekly Hours	45 3	—	—	—	—	—	45 1	—	—	—	—	—	45 9	—	—	—	—	—
Curtiss, Louisville																		
Total Number of Workers	538	598	460	76 9	102	17 1	828	593	169	28 5	85	14 3	1,050	786	168	21 4	96	12 2
Number of Workers	—	598	460	—	102	—	—	593	169	—	85	—	—	786	168	—	96	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	20,618	28,704	22,080	76 9	4,896	17 1	31,626	28,464	8,112	28 5	3,315	11 6	35,811	37,728	8,064	21 4	3,744	9 9
Average Weekly Hours[36]	38 3	—	—	—	—	—	38 2	—	—	—	—	—	34 1	—	—	—	—	—
Curtiss, St Louis																		
Total Number of Workers	6,501	3,275	2,204	67 3	1,260	38 5	6,637	3,375	2,271	67 3	1,298	38 5	7,185	3,508	2,412	68 8	1,389	39 6
Number of Workers	—	3,275	2,204	—	1,260	—	—	3,375	2,271	—	1,298	—	—	3,508	2,412	—	1,389	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	292,654	157,200	105,792	67 3	49,140	31 3	307,801	162,000	109,008	67 3	53,622	33 1	325,226	168,384	115,776	68 8	54,171	32 2
Average Weekly Hours	45 0	—	—	—	—	—	46 4	—	—	—	—	—	45 3	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	137	360	0	0	0	0	184	485	0	0	0	0	450	565	110	19 5	0	0
Number of Workers	—	360	—	—	—	—	—	485	—	—	—	—	—	565	110	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	8	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	6	6	—	—	—
Total Hours	6,554	17,280	0	0	0	0	8,354	23,280	0	0	0	0	18,439	27,120	5,280	19 5	0	0
Average Weekly Hours	47 8	—	—	—	—	—	45 4	—	—	—	—	—	41 0	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	8,047	3,520	2,825	80 3	2,791	79 3	9,791	3,932	3,085	78 5	3,092	78 6	10,690	4,121	3,456	83 9	3,253	78 9
Number of Workers	—	3,520	2,825	—	2,791	—	—	3,932	3,085	—	3,092	—	—	4,119	3,438	—	3,253	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	7	7	—	7	—	—	2	18	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	8	5 5	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	412,149	168,960	135,600	80 3	108,849	64 4	490,493	220,192	172,560	78 5	140,686	63 9	485,405	197,760	165,493	83 7	126,867	64 1
Average Weekly Hours	45 6	—	—	—	—	—	51 0	—	—	—	—	—	45 4	—	—	—	—	—

FACILITY	APRIL Actual All Shifts	APRIL Scheduled First Shift	APRIL Scheduled Second Shift Number	APRIL Scheduled Second Shift % of First	APRIL Scheduled Third Shift Number	APRIL Scheduled Third Shift % of First	MAY Actual All Shifts	MAY Scheduled First Shift	MAY Scheduled Second Shift Number	MAY Scheduled Second Shift % of First	MAY Scheduled Third Shift Number	MAY Scheduled Third Shift % of First	JUNE Actual All Shifts	JUNE Scheduled First Shift	JUNE Scheduled Second Shift Number	JUNE Scheduled Second Shift % of First	JUNE Scheduled Third Shift Number	JUNE Scheduled Third Shift % of First
Curtiss, Buffalo																		
Total Number of Workers	24,854	12,732	8,205	64 4	5,213	40.9	25,255	13,453	8,677	64 5	5,260	39 1	24,098	12,531	7,881	62 9	4,801	38 3
Number of Workers	—	12,732	8,205	—	5,213	—	—	13,453	8,677	—	5,260	—	—	12,531	7,881	—	4,801	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	1,111,581	611,136	393,840	64.4	203,307	33 3	1,131,685	645,744	416,496	64.5	205,140	31 8	1,140,139	601,488	378,288	62 9	187,239	31 1
Average Weekly Hours	44 7	—	—	—	—	—	44 8	—	—	—	—	—	47 3	—	—	—	—	—
Curtiss, Columbus																		
Total Number of Workers	10,955	5,039	3,068	60 9	2,848	56 5	11,667	5,532	3,818	69 0	3,237	58 5	12,149	5,628	3,993	70 9	3,037	54 0
Number of Workers	—	5,039	3,068	—	2,848	—	—	5,532	3,818	—	3,237	—	—	5,628	3,993	—	3,037	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	539,514	241,872	147,264	60 9	111,072	45 9	533,900	265,536	183,264	69 0	126,243	47 5	537,401	270,144	191,664	70 9	118,443	43 8
Average Weekly Hours	49 2	—	—	—	—	—	45 8	—	—	—	—	—	44 2	—	—	—	—	—
Curtiss, Louisville																		
Total Number of Workers	1,289	902	258	28.6	130	14 4	1,510	1,027	347	33 8	136	13 2	1,033	650	298	45 8	120	18 5
Number of Workers	—	902	258	—	130	—	—	1,027	347	—	136	—	—	650	298	—	120	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	45,935	43,296	12,384	28 6	5,070	11 7	52,920	49,296	16,656	33 8	5,304	10 8	38,019	31,200	14,304	45 8	4,680	15 0
Average Weekly Hours	35 6	—	—	—	—	—	35 0	—	—	—	—	—	36 8	—	—	—	—	—
Curtiss, St Louis																		
Total Number of Workers	7,315	3,680	2,477	67 3	1,558	42 3	7,762	3,731	2,487	66 7	1,554	41.7	8,355	4,012	2,674	66 7	1,672	41 7
Number of Workers	—	3,680	2,477	—	1,558	—	—	3,731	2,487	—	1,554	—	—	4,012	2,674	—	1,672	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	334,726	176,640	118,896	67 3	60,762	34 4	345,505	179,088	119,376	66 7	60,606	33 8	372,716	192,576	128,352	66 7	65,304	33 9
Average Weekly Hours	45 8	—	—	—	—	—	44 5	—	—	—	—	—	44 6	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	1,097	900	250	27 8	0	0	1,491	1,270	380	29 9	0	0	2,567	1,550	1,000	64 5	0	0
Number of Workers	—	900	250	—	—	—	—	1,270	380	—	—	—	—	1,550	1,000	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	49,479	43,200	12,000	27 8	0	0	69,039	60,960	18,240	29 9	0	0	116,693	74,400	48,000	64 5	0	0
Average Weekly Hours	45 1	—	—	—	—	—	46 7	—	—	—	—	—	45 5	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	10,259	3,921	3,362	85 7	3,110	79 3	9,856	3,865	3,272	84 7	2,930	75 8	9,116	3,663	3,009	82 1	2,651	72 4
Number of Workers	—	3,918	3,060	—	3,110	—	—	3,862	2,938	—	2,930	—	—	3,663	—	—	2,651	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	—	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	—	—	6	—
Number of Workers	—	3	302	—	—	—	—	3	334	—	—	—	—	—	—	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	—	—	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	—	—	—	—	—
Number of Workers	—	6	5 5	—	—	—	—	5	5 5	—	—	—	—	—	—	—	—	—
Hours per Day	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	456,534	188,142	154,581	82 2	121,290	64 5	440,560	185,400	140,541	80 6	114,270	61 6	411,939	175,824	135,663	77 2	103,399	58 8
Average Weekly Hours	44 5	—	—	—	—	—	44 7	—	—	—	—	—	45 2	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

PLANT	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Long Beach																		
Total Number of Workers	22,428	10,075	9,061	90 2	3,732	37 0	21,363	8,992	8,318	92 5	4,519	50 3	20,660	8,678	8,008	92 3	4,409	50 8
Number of Workers		10 [illegible]	9,031	—	3,732	—	—	8,992	8,318	—	4,519	—	—	8,678	8,008	—	4,409	—
Hours per Day	—	[illegible]	[illegible]	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	—	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	1,011,573	483,744	436,368	90 2	145,548	30 1	980,594	431,616	399,264	92 5	176,241	40 8	927,444	416,544	384,384	92 3	171,951	41 3
Average Weekly Hours	45 1	—	—	—	—	—	45 9	—	—	—	—	—	44 9	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	1,527	1,156	582	50 3	85	7 4	2,875	1,616	1,134	70 2	125	7 7	3,874	1,955	1,644	84 1	275	14 1
Number of Workers	—	1,156	552	—	85	—	—	1,616	1,134	—	125	—	—	1,955	1,644	—	275	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	82,196	55,488	27,936	50 3	3,315	6 0	128,688	77,568	54,432	70 2	4,875	6 3	177,037	93,840	78,912	84 1	10,725	11 4
Average Weekly Hours	44 9	—	—	—	—	—	44 7	—	—	—	—	—	45 7	—	—	—	—	—
Douglas, Santa Monica																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	4,438	2,203	1,647	74 8	681	30 9	4,755	2,242	1,676	74 8	873	38.9	5,583	2,521	2,007	79 6	1,117	44 3
Number of Workers	—	—	—	—	676	—	—	—	—	—	864	—	—	2,516	2,003	—	—	—
Hours per Day	—	[illegible]	[illegible]	—	6 5	—	—	[illegible]	[illegible]	—	6.5	—	—	8	8	—	[illegible]	—
Days per Week	—	[illegible]	[illegible]	—	6	—	—	[illegible]	[illegible]	—	6	—	—	6	6	—	[illegible]	—
Number of Workers	—	—	—	—	4	—	—	—	—	—	9	—	—	3	1	—	—	—
Hours per Day	—	—	—	—	7 5	—	—	—	—	—	7.5	—	—	8 5	8 5	—	—	—
Days per Week	—	—	—	—	6	—	—	—	—	—	6	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	1	—	—	—	—	—	—	—	—	2	3	—	—	—
Hours per Day	—	—	—	—	9 5	—	—	—	—	—	—	—	—	9	9	—	—	—
Days per Week	—	—	—	—	6	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	226,975	105,939	79,149	74 7	26,601	25.1	226,367	107,772	80,559	74 7	34,101	31.6	258,547	121,029	96,357	79 6	43,668	36.1
Average Weekly Hours	51 1	—	—	—	—	—	47.6	—	—	—	—	—	46 3	—	—	—	—	—
Eastern, Linden																		
Total Number of Workers	4,406	1,788	1,430	80 0	1,188	66.4	5,395	2,156	1,780	82.6	1,588	73 7	6,343	2,378	2,190	92 1	1,788	75 2
Number of Workers	—	1,778	1,429	—	1,183	—	—	2,154	1,780	—	1,588	—	—	2,378	2,190	—	1,788	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	10	1	—	5	—	—	2	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	8	—	—	8	—	—	—	—	—	—	—	—	—	—
Days per Week	—	7	7	—	7	—	—	7	—	—	—	—	—	—	—	—	—	—
Total Hours	204,085	85,904	68,648	79 9	57,064	66 4	266,116	103,504	85,440	82 5	76,224	73 6	304,553	114,144	105,120	92 1	85,824	75 2
Average Weekly Hours	46 3	—	—	—	—	—	49 3	—	—	—	—	—	48 0	—	—	—	—	—
Eastern, Trenton																		
Total Number of Workers	6,044	2,836	2,223	78 4	1,055	37 2	6,137	2,953	2,234	75 7	1,066	36 1	6,743	3,017	2,393	79 3	1,401	46 4
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	2,415	1,930	—	1,233	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	—	8	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	602	463	—	168	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	—	8	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7	—	7	—
Total Hours	286,725	144,281	112,686	78 1	49,505	34 3	296,258	153,610	115,550	75 2	51,304	33 5	315,046	149,432	118,568	79 2	68,592	45 8
Average Weekly Hours	47 4	—	—	—	—	—	48 3	—	—	—	—	—	46 9	—	—	—	—	—

PLANT	APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Long Beach																		
Total Number of Workers	20,075	8,667	7,725	89 1	4,126	47 6	19,492	8,647	7,473	86 4	[illegible]	44	19,627	8,932	7,453	83 4	3,490	39 1
Number of Workers	—	8,667	7,725	—	4,126	—	—	8,647	7,473	—	[illegible]	—	—	8,819	7,288	—	3,490	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	8 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	8	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	113	165	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	894,053	416,016	370,800	89 1	160,914	38 7	886,622	415,056	358,704	86 4	[illegible]	35	887,735	426,024	353,784	83 0	136 110	31 9
Average Weekly Hours	44 5	—	—	—	—	—	45 5	—	—	—	—	—	45 2	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	4,687	2,152	1,926	89 5	609	28 3	5,858	2,514	2,300	91 5	1,044	41 5	7,391	3,147	2,779	88 3	1,465	46 6
Number of Workers	—	2,152	1,926	—	609	—	—	2,514	2,300	—	1,044	—	—	3,147	2,779	—	1,465	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	222,499	103,296	92,448	89 5	23,751	23 0	284,811	120,672	110,400	91 5	40,739	33 7	347,644	151,056	133,392	88 3	57,135	37 8
Average Weekly Hours	47 5	—	—	—	—	—	48 6	—	—	—	—	—	47 0	—	—	—	—	—
Douglas, Santa Monica																		
Total Number of Workers	—	—	—	—	—	—	17,111	6,609	5,639	85 3	5,247	79 4	16,452	6,383	5,311	83 2	5,158	80 8
Number of Workers	—	—	—	—	—	—	—	6,609	4,871	—	5,247	—	—	6,383	4,559	—	5,158	—
Hours per Day	—	—	—	—	—	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	—	—	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	768	—	—	—	—	—	752	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	4	—	—	—	—	—	4	—	—	—
Days per Week	—	—	—	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—
Total Hours	—	—	—	—	—	—	753,805	317,232	252,240	79 5	204,633	64 5	733,131	306,384	236,880	77 3	201 162	65 7
Average Weekly Hours	—	—	—	—	—	—	44 1	—	—	—	—	—	44 6	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	5,904	2,551	2,128	83 4	1,300	51 0	7,135	2,978	2,448	82 2	1,784	59 9	7,029	2,924	2,425	82 9	1,789	61 2
Number of Workers	—	2,550	—	—	1,297	—	—	2,966	—	—	1,782	—	—	2,914	—	—	1,787	—
Hours per Day	—	8	[illegible]	—	6 5	—	—	8	[illegible]	—	6 5	—	—	8	[illegible]	—	6 5	—
Days per Week	—	6	[illegible]	—	6	—	—	6	[illegible]	—	6	—	—	6	[illegible]	—	6	—
Number of Workers	—	1	—	—	1	—	—	1	—	—	1	—	—	10	—	—	1	—
Hours per Day	—	8.5	—	—	7	—	—	8 5	—	—	7 5	—	—	10	—	—	7	—
Days per Week	—	6	—	—	6	—	—	6	—	—	6	—	—	6	—	—	6	—
Number of Workers	—	—	—	—	2	—	—	11	—	—	1	—	—	—	—	—	1	—
Hours per Day	—	—	—	—	7 5	—	—	10	—	—	8	—	—	—	—	—	7 5	—
Days per Week	—	—	—	—	6	—	—	6	—	—	6	—	—	—	—	—	6	—
Total Hours	263,158	122,451	102,165	83 4	50,715	41 4	311,710	143,079	117,669	82 2	69,591	48 6	326,479	140,472	116,523	83 0	69,780	49 7
Average Weekly Hours	44 6	—	—	—	—	—	43 7	—	—	—	—	—	46 4	—	—	—	—	—
Eastern, Linden																		
Total Number of Workers	7,307	2,816	2,437	86 5	2,126	75 5	7,730	3,004	2,620	87 2	2,214	73 7	7,810	2,931	2,594	88 5	2,431	82 9
Number of Workers	—	2,782	2,437	—	2,126	—	—	2,999	2,620	—	2,214	—	—	2,921	2,584	—	2,421	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	34	—	—	—	—	—	5	—	—	—	—	—	10	10	—	10	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	8	—	8	—
Days per Week	—	7	—	—	—	—	—	7	—	—	—	—	—	7	7	—	7	—
Total Hours	339,536	135,440	116,976	86 4	102,048	75 3	371,931	144,232	125,760	87 2	106,272	73 7	372,011	140,768	124,592	88 5	116,756	83 0
Average Weekly Hours	46 5	—	—	—	—	—	48 1	—	—	—	—	—	47 6	—	—	—	—	—
Eastern, Trenton																		
Total Number of Workers	7,877	3,508	2,831	80 7	1,616	46 1	5,693	3,903	3,168	81 2	1,696	43 5	9,115	4,432	3,696	83 4	1,104	24 9
Number of Workers	—	2,939	2,410	—	1,400	—	—	3,495	3,168	—	1,696	—	—	4,322	3,655	—	1,088	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	5	—	—	6	6	—	6	—
Number of Workers	—	569	421	—	216	—	—	8	—	—	—	—	—	110	41	—	16	—
Hours per Day	—	8	8	—	8	—	—	8	—	—	—	—	—	8	8	—	8	—
Days per Week	—	7	7	—	7	—	—	7	—	—	—	—	—	7	7	—	7	—
Total Hours	371,599	172,936	139,256	80 5	79,296	45 9	401,115	182,408	152,064	83 1	81,408	44 4	421,344	215,016	177,736	83 2	53 120	24 9
Average Weekly Hours	47 2	—	—	—	—	—	46 1	—	—	—	—	—	46 2	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 —(CONTINUED)

JANUARY TO JUNE, 1943

Factory	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Fairchild, Burtonsville																		
Total Number of Workers	242	220	22	10 0	0	0	282	241	41	17 0	0	0	437	352	85	24 1	0	0
Number of Workers	——	220	22	—	—	—	——	241	41	——	——	——	——	352	85	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	11,909	10,560	1,056	10 0	0	0	13,156	11,568	1,968	17 0	0	0	20,633	16,896	4,080	24 1	0	0
Average Weekly Hours	49 2	——	——	——	——	——	46 7	——	——	——	——	——	47 2	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	5,394	3,223	1,854	57 3	307	9 5	5,351	3,391	1,674	49.4	286	8 4	5,059	2,631	2,135	81 1	293	11 1
Number of Workers	——	3,223	1,854	——	307	——	——	3,391	1,674	——	286	——	——	2,631	2,135	——	293	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	250,821	155,184	88,992	57 3	11,973	7 7	235,444	162,768	60,352	49 4	11,154	6 9	233,156	126,288	102,480	81 1	12,306	9 7
Average Weekly Hours	46 5	——	——	——	——	——	44 0	——	——	——	——	——	46 1	——	——	——	——	——
Fisher Body, Cleveland																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Fleetwings, Bristol																		
Total Number of Workers	1,868	1,374	505	36 8	0	0	2,109	1,551	617	39 8	0	0	2,207	1,712	639	37.3	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	99,527	76,393	27,715	36 3	0	0	111,216	85,740	33,881	39 5	0	0	116,664	94,528	35,011	37.0	0	0
Average Weekly Hours	53.3	——	——	——	——	——	52 7	——	——	——	——	——	52 9	——	——	——	——	——
Ford, Willow Run																		
Total Number of Workers	18,890	12,239	6,958	56 9	978	8 0	17,939	10,729	6,152	57.3	1,058	9.9	18,144	12,074	7,417	61.4	451	3.7
Number of Workers	——	12,239	6,958	——	978	——	——	10,729	6,152	——	1,058	——	——	12,074	7,417	——	451	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	9	9	——	9	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	899,672	587,472	333,984	56.9	46,944	8 0	807,216	514,992	295,296	57.3	50,784	9 9	975,339	651,996	400,518	61.4	24,354	3.7
Average Weekly Hours	47.6	——	——	——	——	——	45 0	——	——	——	——	——	53.8	——	——	——	——	——
Globe, Ft. Worth																		
Total Number of Workers	302	234	68	29 1	0	0	360	320	40	12 5	0	0	562	412	148	35 9	0	0
Number of Workers	——	234	68	——	——	——	——	320	40	——	——	——	——	412	148	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	15,384	11,232	3,264	29 1	0	0	17,833	15,360	1,920	12 5	0	0	27,092	19,776	7,104	35.9	0	0
Average Weekly Hours	50 9	——	——	——	——	——	49 5	——	——	——	——	——	48 2	——	——	——	——	——
Goodyear, Akron																		
Total Number of Workers	22,216	8,700	7,700	88 5	6,000	69 0	19,840	8,500	7,000	82 4	5,500	64 7	16,415	8,500	7,000	82 4	5,500	64 7
Number of Workers	——	8,500	7,500	——	6 000	——	——	8,500	7,000	——	5,500	——	——	8,500	7,000	——	5,500	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	200	200	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	1,013,049	420,000	372,000	88 6	234,000	55 7	881,021	408,000	336,000	82 4	214,500	52 6	719,574	408,000	336,000	82 4	214,500	52 6
Average Weekly Hours	45 6	——	——	——	——	——	44 4	——	——	——	——	——	43 8	——	——	——	——	——
Grumman, Bethpage																		
Total Number of Workers	14,490	12,342	3,316	26 9	0	0							16,743	13,076	3,476	26 6	0	0
Number of Workers	——	12,342	3,316	——	——	——							——	13,076	3,476	——	——	——
Hours per Day	——	9 8	10										——	9 8	10	——	——	——
Days per Week	——	5	5	——	——	——							——	5 8	5 8	——	——	——
Hours per Day	——	7 8	7										——	——	——	——	——	——
Days per Week	——	1	1										——	——	——	——	——	——
Total Hours	781,579	701,026	189,012	27 0	0	0							831,001	743,240	201,608	27 1	0	0
Average Weekly Hours	54 0	——	——	——	——	——							49 6	——	——	——	——	——

NA

Factory	APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Fairchild, Burtonsville																		
Total Number of Workers	536	432	104	24 1	0	0	754	600	154	25 7	0	0	600	443	157	35 4	0	0
Number of Workers	——	432	104	——	——	——	——	600	154	——	——	——	——	443	157	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	25,736	20,736	4,992	24 1	0	0	37,991	28,800	7,392	25 7	0	0	29,461	21,264	7,536	35 4	0	0
Average Weekly Hours	48 0	——	——	——	——	——	50 4	——	——	——	——	——	44 1	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	4,821	2,663	1,923	72 2	235	8 8	4,361[28]	2,348	1,782	75 9	231	9 8	3,943[28]	2,253	1,474	65 4	216	9 6
Number of Workers	——	2,663	1,923	——	235	——	——	2,348	1,782	——	231	——	——	2,253	1,474	——	216	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	8	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	224,276	127,824	92,304	72 2	9,165	7 2	185,108	112,704	85,536	75.9	11,088	9 8	172,546	108,144	70,752	65 4	8,424	7 8
Average Weekly Hours	46 5	——	——	——	——	——	42.4	——	——	——	——	——	43 8	——	——	——	——	——
Fisher Body, Cleveland																		
Total Number of Workers	154	154	0	0	0	0	433	386	49	12 7	0	0	772	600	175	29 2	0	0
Number of Workers	——	154	——	——	——	——	——	386	49	——	——	——	——	600	175	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	5,558[29]	7,392	0	0	0	0	14,639[29]	18,528	2,352	12 7	0	0	25,775[28]	28,800	8,400	29 2	0	0
Average Weekly Hours	36.1	——	——	——	——	——	33.8	——	——	——	——	——	33 4	——	——	——	——	——
Fleetwings, Bristol																		
Total Number of Workers	2,384	1,789	679	38 0	0	0	2,427	1,780	743	41 7	0	0	2,406	1,827	668	36 6	0	0
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	120,760	98,985	37,261	37.6	0	0	127,304	98,077	40,877	41 7	0	0	130,517	100,678	36,782	36.5	0	0
Average Weekly Hours	50 7	——	——	——	——	——	52 5	——	——	——	——	——	54 2	——	——	——	——	——
Ford, Willow Run																		
Total Number of Workers	19,790	12,984	7,955	61.3	508	3.9	22,529	12,225	10,152	83 0	409	3 3	20,435	12,553	9,824	78 3	447	3 6
Number of Workers	——	12,984	7,955	——	508	——	——	12,225	10,152	——	409	——	——	12,553	9,824	——	447	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	1,104,444	701,136	429,570	61.3	27,432	3 9	1,142,424	660,150	548,208	83.0	22,086	3 3	902,917	677,862	530,496	78 3	24,138	3 6
Average Weekly Hours	55.8	——	——	——	——	——	50 7	——	——	——	——	——	44 2	——	——	——	——	——
Globe, Ft. Worth																		
Total Number of Workers	747	539	208	38 6	0	0	786	557	229	41 1	0	0	740	532	208	39 1	0	0
Number of Workers	——	539	208	——	——	——	——	557	229	——	——	——	——	532	208	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	39,426	25,872	9,984	38 6	0	0	33,317	26,736	10,992	41 1	0	0	35,200	25,536	9,984	39 1	0	0
Average Weekly Hours	52.8	——	——	——	——	——	42 4	——	——	——	——	——	47 6	——	——	——	——	——
Goodyear, Akron																		
Total Number of Workers	16,662	8,500	7,000	82 4	5,500	64 7	15,292	8,500	7,000	2 35	5,500	64 7	16,715	8,500	7,000	82 4	5,500	64 7
Number of Workers	——	8,500	7,000	——	5,500	——	——	8,500	7,000	——	5,500	——	——	8,500	7,000	——	5,500	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	737,993	408,000	336,000	82 4	214,500	52 6	662,817	408,000	336,000	82 4	214,500	52 6	740,608	408,000	336,000	82 4	214,500	52 6
Average Weekly Hours	44 3	——	——	——	——	——	43 3	——	——	——	——	——	44 3	——	——	——	——	——
Grumman, Bethpage																		
Total Number of Workers	16,297	12,736	3,184	25 0	0	0	16,645	12,794	3,758	29 4	0	0	16,752	12,927	3,793	29 6	0	0
Number of Workers	——	12,736	3,184	——	——	——	——	12,794	3,758	——	——	——	——	12,927	3,793	——	——	——
Hours per Day	——	9 8	10	——	——	——	——	9 8	10	——	——	——	——	9 8	10	——	——	——
Days per Week	——	5 8	5 8	——	——	——	——	5 8	5 8	——	——	——	——	5 8	5 8	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	866,152	723,914	184,672	25 5	0	0	863,572	727,211	217,904	30 0	0	0	889,980	729,087	219,994	30 2	0	0
Average Weekly Hours	53 1	——	——	——	——	——	51 9	——	——	——	——	——	53 1	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

FACILITY	JANUARY — Actual All Shifts	JANUARY — Scheduled First Shift	JANUARY — Scheduled Second Shift Number	JANUARY — Scheduled Second Shift % of First	JANUARY — Scheduled Third Shift Number	JANUARY — Scheduled Third Shift % of First	FEBRUARY — Actual All Shifts	FEBRUARY — Scheduled First Shift	FEBRUARY — Scheduled Second Shift Number	FEBRUARY — Scheduled Second Shift % of First	FEBRUARY — Scheduled Third Shift Number	FEBRUARY — Scheduled Third Shift % of First	MARCH — Actual All Shifts	MARCH — Scheduled First Shift	MARCH — Scheduled Second Shift Number	MARCH — Scheduled Second Shift % of First	MARCH — Scheduled Third Shift Number	MARCH — Scheduled Third Shift % of First
Kearny, Chicago																		
Total Number of Workers	300	83	83	33 1	2	0 6	489	362	126	34 8	1	0 3	556	407	153	37 6	8	2 0
Number of Workers	—	300	83	—	2	—	—	362	113	—	1	—	—	407	153	—	8	—
Hours per Day	—	—	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	13	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	9	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—
Total Hours	14,907	14,754	4,752	32 1	96	0 6	22,624	17,376	6,126	35 3	48	0 3	19,667	19,536	7,344	37.6	384	2 0
Average Weekly Hours	49 7	—	—	—	—	—	46 3	—	—	—	—	—	35 4	—	—	—	—	—
Interstate, El Segundo																		
Total Number of Workers	129	99	33	33 3	0	0	211	151	71	47 0	0	0	349	282	86	30.5	0	0
Number of Workers	—	99	33	—	—	—	—	151	71	—	—	—	—	282	86	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	6,096	4,752	1,584	33 3	0	0	10,194	7,248	3,408	47 0	0	0	18,101	13,536	4,128	30 5	0	0
Average Weekly Hours	47 3	—	—	—	—	—	48 3	—	—	—	—	—	51.9	—	—	—	—	—
Kellett Autogiro, Phila.																		
Total Number of Workers	1,527	763	425	55 7	339	44 4	1,473	704	422	59.9	347	49.3	1,506	729	413	56.7	364	49.9
Number of Workers	—	763	425	—	339	—	—	704	422	—	347	—	—	729	413	—	364	—
Hours per Day	—	8	7 5	—	7	—	—	8	7.5	—	7	—	—	8	7.5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	71,664	36,624	19,125	52 2	14,238	38 9	67,070	33,792	18,990	56.2	14,574	43.1	81,816	34,992	18,565	53 1	15,288	43.7
Average Weekly Hours	46.9	—	—	—	—	—	45.5	—	—	—	—	—	54.3	—	—	—	—	—
Lockheed, Burbank, B"																		
Total Number of Workers	21,306	9,354	8,148	87 1	3,834	41.0	22,103	9,709	8,296	85 4	4,145	42 7	22,962	9,839	8,277	84 1	4,772	48.5
Number of Workers	—	9,354	8,148	—	3,834	—	—	9,709	8,296	—	4,145	—	—	9,839	8,277	—	4,772	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	900,778	448,992	391,104	87 1	149,526	33.3	913,202	466,032	398,208	85.4	161,655	34 7	943,013	472,272	397,296	84 1	186,108	39.4
Average Weekly Hours	42.3	—	—	—	—	—	41 3	—	—	—	—	—	41.2	—	—	—	—	—
Lockheed, Burbank, 'A' (Vega)																		
Total Number of Workers	14,906	8,123	6,215	76 5	2,457	30 2	18,434	8,764	6,689	76 3	2,981	34.0	19,805	9,494	6,928	73 0	3,383	35.6
Number of Workers	—	8,123	6,215	—	2,457	—	—	8,764	6,689	—	2,981	—	—	9,494	6,928	—	3,383	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	670,477	388,904	298,320	76 5	95,323	24.6	734,140	420,672	321,072	76.3	116,259	27 6	782,659	455,712	332,544	73 0	131,937	29.0
Average Weekly Hours	45 0	—	—	—	—	—	39.8	—	—	—	—	—	39.5	—	—	—	—	—
Martin, Baltimore																		
Total Number of Workers	31,023	14,377	9,852	68 4	7,640	53 1	29,747	14,374	9,614	66.9	7,364	51 2	26,810	12,826	8,995	70 1	5,400	42.1
Number of Workers	—	2,396	1,639	—	1,273	—	—	2,398	1,602	—	1,227	—	—	12,826	8,995	—	5,400	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—	—	8	7 25	—	7.25	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—	—	6[50]	6[50]	—	6[50]	—
Number of Hours	—	11,981	8,193	—	6,367	—	—	11,978	8,012	—	6,137	—	—	—	—	—	—	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	—	—	—	—	—
Total Hours	1,235,434	670,925	445,809	62 0	323,111	48 2	1,217,849	670,874	406,595	60 6	311,438	46 4	1,159,903	615,645	391,253	63 6	234,900	38 2
Average Weekly Hours	39 8	—	—	—	—	—	40 9	—	—	—	—	—	43.3	—	—	—	—	—
Martin, Omaha																		
Total Number of Workers	6,247	2,979	1,503	50 5	1,504	50 5	6,847	3,118	2,109	67 6	1,750	56 1	6,551	3,052	2,082	68 2	1,603	52 5
Number of Workers	—	2,979	1,503	—	1,504	—	—	3,118	2,109	—	1,750	—	—	2,480	1,674	—	1,370	—
Hours per Day	—	—	7 25	—	7 25	—	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	572	404	—	233	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	8	7 25	—	7 25	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7	—	7	—
Total Hours	295,585	142,992	[illegible]	34 5	65,424	45 8	318,956	149,554	91,742	61 3	76,125	50 9	320,800	151,072	93,496	61 9	71,420	47 3
Average Weekly Hours	47 3	—	—	—	—	—	46 6	—	—	—	—	—	49 0	—	—	—	—	—

FACILITY	APRIL — Actual All Shifts	APRIL — Scheduled First Shift	APRIL — Scheduled Second Shift Number	APRIL — Scheduled Second Shift % of First	APRIL — Scheduled Third Shift Number	APRIL — Scheduled Third Shift % of First	MAY — Actual All Shifts	MAY — Scheduled First Shift	MAY — Scheduled Second Shift Number	MAY — Scheduled Second Shift % of First	MAY — Scheduled Third Shift Number	MAY — Scheduled Third Shift % of First	JUNE — Actual All Shifts	JUNE — Scheduled First Shift	JUNE — Scheduled Second Shift Number	JUNE — Scheduled Second Shift % of First	JUNE — Scheduled Third Shift Number	JUNE — Scheduled Third Shift % of First
Kearny, Chicago																		
Total Number of Workers	591	397	184	46 3	10	2 5	837	524	306	58 4	7	1 3	532	750	450	60 0	0	0
Number of Workers	—	397	184	—	10	—	—	524	306	—	7	—	—	750	450	—	—	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	27,957	19,056	8,832	46 3	480	2.5	41,843	25,152	14,688	58 4	336	1 3	26,664	36,000	21,600	60 0	0	0
Average Weekly Hours	47.3	—	—	—	—	—	50.0	—	—	—	—	—	50 1	—	—	—	—	—
Interstate, El Segundo																		
Total Number of Workers	373	286	87	30.4	0	0	206	210	0	0	0	0	208	193	15	7 8	0	0
Number of Workers	—	286	87	—	—	—	—	210	—	—	—	—	—	193	15	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	—	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	—	—	—	—	—	6	6	—	—	—
Total Hours	17,740	13,728	4,176	30 4	0	0	9,636	10,080	0	0	0	0	9,735	9,264	720	7 8	0	0
Average Weekly Hours	47 6	—	—	—	—	—	46.8	—	—	—	—	—	46 8	—	—	—	—	—
Kellett Autogiro, Phila.																		
Total Number of Workers	1,545	731	418	57.2	396	54.2	1,524	748	407	54 4	369	49 3	1,474	715	397	55 5	362	50 6
Number of Workers	—	636	343	—	347	—	—	619	380	—	369	—	—	631	397	—	359	—
Hours per Day	—	8	7 5	—	7	—	—	8	7.5	—	7	—	—	8	7.5	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	95	75	—	49	—	—	129	27	—	—	—	—	84	—	—	3	—
Hours per Day	—	8	7.5	—	7	—	—	8	7 5	—	—	—	—	8	—	—	7	—
Days per Week	—	7	7	—	7	—	—	7	7	—	—	—	—	7	—	—	7	—
Total Hours	66,754	35,848	19,373	54 0	16,975	47.4	69,171	36,936	18,518	50 1	15,498	42 0	64,662	34,992	17,565	51 1	15,225	43 5
Average Weekly Hours	43.2	—	—	—	—	—	45.4	—	—	—	—	—	43 9	—	—	—	—	—
Lockheed, Burbank, B"																		
Total Number of Workers	22,501	9,874	7,962	80.6	4,786	48 5	21,782	9,422	7,768	82 7	4,794	50 9	21,957	9,885	7,772	78 6	4,730	47 9
Number of Workers	—	9,874	7,962	—	4,786	—	—	9,422	7,788	—	4,794	—	—	9,885	7,772	—	4,730	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	916,643	473,952	382,176	80.6	186,654	39.4	948,830	452,256	373,824	83 7	186,966	41 3	888,643	474,480	373,056	78 6	184,470	38 9
Average Weekly Hours	40.7	—	—	—	—	—	43 6	—	—	—	—	—	40 5	—	—	—	—	—
Lockheed, Burbank, 'A' (Vega)																		
Total Number of Workers	20,801	10,105	7,176	71.0	3,520	34 8	20,279	10,171	7,319	72 0	3,876	36 1	20,295	10,103	7,118	70 5	3,809	37 7
Number of Workers	—	10,105	7,176	—	3,520	—	—	10,171	7,319	—	3,676	—	—	10,103	7,118	—	3,809	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	799,869	485,040	344,448	71.0	137,280	28 3	884,543	489,208	351,312	72 0	143,364	29 4	936,817	484,944	341,664	70 5	148,551	30 6
Average Weekly Hours	38 5	—	—	—	—	—	43 6	—	—	—	—	—	46.2	—	—	—	—	—
Martin, Baltimore																		
Total Number of Workers	23,333	11,489	7,990	69 5	4,373	38 1	19,900	9,758	6,465	66 3	3,317	34 0	17,149	8,909	5,846	65 6	2,837	31 8
Number of Workers	—	11,489	7,990	—	4,373	—	—	9,758	6,465	—	3,317	—	—	8,909	5,846	—	2,837	—
Hours per Day	—	7 66	6 92	—	6 92	—	—	7 66	6 92	—	6 92	—	—	7 66	6 92	—	6 92	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	1,041,539	528,034	331,745	62.8	181,567	34 4	892,567	448,478	268,427	59 9	137,722	30 7	793,545	409,458	242,726	59 3	117,792	28 8
Average Weekly Hours	44.6	—	—	—	—	—	47 0	—	—	—	—	—	46 3	—	—	—	—	—
Martin, Omaha																		
Total Number of Workers	6,237	2,893	1,979	68 4	1,484	51 3	6,247	2,804	1,941	69 2	1,455	51 9	5,105	2,112	1,576	74 6	1,209	57 2
Number of Workers	—	2,146	1,587	—	1,287	—	—	2,687	1,870	—	1,413	—	—	1,963	1,495	—	1,163	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	747	392	—	197	—	—	147	71	—	42	—	—	159	81	—	46	—
Hours per Day	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—	—	8	7 25	—	7 25	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	303,690	144,840	86,929	61 4	65,962	45 6	288,520	135,768	84,948	62 6	63,897	46 8	240,450	102,048	69,143	67 4	52,925	51 6
Average Weekly Hours	49 0	—	—	—	—	—	46 9	—	—	—	—	—	45 1	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 —(CONTINUED)

JANUARY TO JUNE, 1943

	JANUARY						FEBRUARY						MARCH					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First
Naval Aircraft Factory																		
Total Number of Workers	2,748	1,532	944	61 6	606	39 6	2,748	1,458	842	57 8	700	48 0	3,413	1,692	1,024	60 5	894	52 8
Number of Workers	—	1,207	792	—	591	—	—	1,118	780	—	608	—	—	1,396	974	—	792	—
Hours per Day	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	79	91	—	15	—	—	72	3	—	84	—	—	72	3	—	84	—
Hours per Day	—	9	8 75	—	8 75	—	—	9	9 75	—	9 75	—	—	9	9.75	—	9 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	246	61	—	—	—	—	224	47	—	18	—	—	224	47	—	18	—
Hours per Day	—	10	8 75	—	—	—	—	10	8 75	—	8 75	—	—	10	8 75	—	8 75	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	145,644	76,962	45,354	58 9	28,269	36 7	130,546	73,524	39,525	53 8	33,654	45 8	168,261	84,336	47,934	56 8	42,687	50 6
Average Weekly Hours	53 0	—	—	—	—	—	49 3	—	—	—	—	—	49.3	—	—	—	—	—
North American, Dallas "A"																		
Total Number of Workers	9,656	5,186	4,470	86 2	0	0	9,244	4,894	4,350	88 9	0	0	8,736	4,725	4,130	87 4	0	0
Number of Workers	—	3,515	—	—	—	—	—	2,577	2,275	—	—	—	—	2,550	2,180	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	—	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	589	—	—	—	—	—	672	566	—	—	—	—	675	550	—	—	—
Hours per Day	—	9	—	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	—	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	1,082	—	—	—	—	—	1,645	1,509	—	—	—	—	1,500	1,400	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	—	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	413,496	221,205	191,375	86 5	0	0	397,789	215,570	191,920	89 0	0	0	380,463	207,375	181,950	87.7	0	0
Average Weekly Hours	42 8	—	—	—	—	—	43 0	—	—	—	—	—	43.6	—	—	—	—	—
North American, Dallas "B"																		
Total Number of Workers	1,979	1,201	778	64 8	0	0	2,672	1,604	1,068	66 6	0	0	3,429	2,075	1,460	70.4	0	0
Number of Workers	—	695	396	—	—	—	—	873	439	—	—	—	—	975	500	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	65	48	—	—	—	—	447	425	—	—	—	—	600	500	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	441	334	—	—	—	—	284	204	—	—	—	—	500	460	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	83,058	52,775	34,700	65 8	0	0	112,482	69,235	46,885	67 7	0	0	159,132	91,000	65,500	72.0	0	0
Average Weekly Hours	42 0	—	—	—	—	—	42 1	—	—	—	—	—	46.4	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	13,295	7,328	6,210	84 7	0	0	13,090	7,121	5,990	84 1	158	2 2	12,747	7,031	5,716	81.3	173	2 5
Number of Workers	—	4,660	3,951	—	—	—	—	4,898	4,094	—	158	—	—	5,281	4,462	—	173	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	1,965	1,663	—	—	—	—	1,779	1,516	—	—	—	—	1,420	1,053	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	703	596	—	—	—	—	444	380	—	—	—	—	330	201	—	—	—
Hours per Day	—	9	9	—	—	—	—	8 43	8 43	—	—	—	—	8 88	8 88	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	651,047	385,869	326,976	84 7	0	0	622,550	368,044	309,896	84 2	6,162	1 7	598,827	359,201	289,550	80 7	6,747	1 9
Average Weekly Hours	49 0	—	—	—	—	—	47 6	—	—	—	—	—	47 0	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	6,195	3,404	2,791	82 0	0	0	6,539	3,419	3,120	91 3	0	0	6,411	3,407	3,156	92 6	0	0
Number of Workers	—	19	17	—	—	—	—	599	520	—	—	—	—	607	518	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	698	586	—	—	—	—	2,820	2,600	—	—	—	—	2,800	2,638	—	—	—
Hours per Day	—	8	8	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	2,697	2,158	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	306,069	179,362	146,960	81 9	0	0	314,780	181,032	163,360	91 3	0	0	323,230	180,336	167,316	92 8	0	0
Average Weekly Hours	49.4	—	—	—	—	—	48 1	—	—	—	—	—	50 4	—	—	—	—	—

	APRIL						MAY						JUNE					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First
Naval Aircraft Factory																		
Total Number of Workers	3,698	1,869	990	53 0	806	43 1	3,207	1,798	796	44 3	706	39 3	2,470	1,716	458	26 7	687	[illegible]
Number of Workers	—	1,346	910	—	756	—	—	1,320	690	—	660	—	—	1,185	316	—	550	—
Hours per Day	—	8	8	—	7 75	—	—	8	7 75	—	7 75	—	—	8	7 75	—	7 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	93	20	—	30	—	—	330	20	—	26	—	—	136	37	—	137	—
Hours per Day	—	9	9 75	—	9 75	—	—	9	9.75	—	9 75	—	—	9	9 75	—	9 75	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	430	60	—	20	—	—	148	86	—	20	—	—	395	105	—	—	—
Hours per Day	—	10	8 75	—	8 75	—	—	10	8 75	—	8 75	—	—	10	8 75	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—
Total Hours	171,761	95,430	46,635	48 9	37,959	39 8	143,040	90,060	37,770	41 9	33,261	36 9	113,724	87,924	22,371	25 4	33,590	38 2
Average Weekly Hours	46 4	—	—	—	—	—	44 6	—	—	—	—	—	47 2	—	—	—	—	—
North American, Dallas "A"																		
Total Number of Workers	8,214	4,562	3,906	85 6	0	0	7,523	4,168	3,581	85.9	0	0	7,106	4,025	3,393	84 3	0	0
Number of Workers	—	[illegible]	[illegible]	—	—	—	—	3,725	3,162	—	—	—	—	3,929	3,292	—	—	—
Hours per Day	—	[illegible]	[illegible]	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	[illegible]	[illegible]	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	364	340	—	—	—	—	18	2	—	—	—
Hours per Day	—	—	—	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	79	79	—	—	—	—	78	99	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	387,904	216,914	185,810	85.7	0	0	354,611	203,196	174,876	86 1	0	0	330,155	194,244	164,064	84 5	0	0
Average Weekly Hours	47 2	—	—	—	—	—	47 1	—	—	—	—	—	46 5	—	—	—	—	—
North American, Dallas "B"																		
Total Number of Workers	3,445	2,108	1,498	71 1	0	0	4,270	2,609	1,863	71 4	0	0	5,206	3,165	2,300	72 7	0	0
Number of Workers	—	2,108	1,498	—	—	—	—	1,581	1,130	—	—	—	—	3,165	2,300	—	—	—
Hours per Day	—	[illegible]	[illegible]	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	[illegible]	[illegible]	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	1,028	733	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	9	9	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Number of Workers	—	[illegible]	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	[illegible]	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	[illegible]	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	159,763	101,586	72,848	71.7	0	0	209,084	131,400	93,822	71 4	0	0	245,806	151,920	110,400	72 7	0	0
Average Weekly Hours	46.4	—	—	—	—	—	49 0	—	—	—	—	—	47 2	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	12,116	6,690	5,373	80.3	181	2 7	11,622	6,402	5,015	78 3	195	3 0	11,270	6,359	4,898	77 0	186	2 9
Number of Workers	—	[illegible]	[illegible]	—	181	—	—	[illegible]	[illegible]	—	195	—	—	[illegible]	[illegible]	—	186	—
Hours per Day	—	[illegible]	[illegible]	—	6.5	—	—	[illegible]	[illegible]	—	6.5	—	—	[illegible]	[illegible]	—	6 5	—
Days per Week	—	[illegible]	[illegible]	—	6	—	—	[illegible]	[illegible]	—	6	—	—	[illegible]	[illegible]	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	562,534	340,222	271,116	79 7	7,059	2 1	546,665	332,390	258,362	77 7	7,605	2 3	534,699	325,198	252,794	77 0	7,254	2 2
Average Weekly Hours	46 4	—	—	—	—	—	47 0	—	—	—	—	—	47 4	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	5,974	3,230	2,875	89 0	0	0	6,540	3,474	3,218	92 6	0	0	7,800	4,175	3,761	90 1	41	1 0
Number of Workers	—	3,230	2,875	—	—	—	—	3,008	2,806	—	—	—	—	3,309	2,922	—	41	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	8	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	466	412	—	—	—	—	566	839	—	—	—
Hours per Day	—	—	—	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	278,351	155,040	138,000	89 0	0	0	310,458	169,548	156,936	92 6	0	0	382,190	203,306	185,562	90 3	1,968	1 0
Average Weekly Hours	46 6	—	—	—	—	—	48 4	—	—	—	—	—	49 0	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

Facility	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Northrop, Hawthorne																		
Total Number of Workers	4,497	1,990	1,606	80 7	1,042	52 4	4,527	2,051	1,669	81 4	997	48 6	4,498	2,015	1,632	81.0	1,042	51 7
Number of Workers	—	1,990	1,606	—	1,042	—	—	2,051	1,669	—	997	—	—	2,015	1,632	—	1,042	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	192,582	95,520	77,088	80 7	40,638	42 5	195,419	98,448	80,112	81 4	38,883	39 5	190,913	96,720	78,336	81 0	40,638	42 0
Average Weekly Hours	42 9	—	—	—	—	—	43 2	—	—	—	—	—	42.4	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	1,050	658	297	45 1	160	24 3	909	680	336	49.4	0	0	940	675	313	46 4	0	0
Number of Workers	—	658	297	—	160	—	—	680	336	—	—	—	—	675	313	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	5	—	—	6	6	—	—	—	—	6	6	—	—	—
Hours per Day	—	—	—	—	7 5	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	46,721	26,320	11,880	45.1	6,400	24 3	42,669	32,640	16,128	49 4	0	0	42,054	32,400	15,024	46 4	0	0
Average Weekly Hours	44 5	—	—	—	—	—	46.9	—	—	—	—	—	44.7	—	—	—	—	—
Republic, Evansville																		
Total Number of Workers	1,327	1,096	231	21.1	0	0	1,891	1,554	337	21.7	0	0	2,655	1,908	747	39.2	0	0
Number of Workers	—	1,096	231	—	—	—	—	1,554	337	—	—	—	—	1,908	747	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	74,495	52,608	11,088	21 1	0	0	103,606	74,592	16,176	21.7	0	0	142,651	114,480	44,820	39 2	0	0
Average Weekly Hours	56 1	—	—	—	—	—	54.8	—	—	—	—	—	53.7	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers	8,661	5,355	3,360	62 7	0	0	8,824	5,080	4,000	78.7	0	0	8,954	5,159	4,054	78.6	0	0
Number of Workers	—	5,355	3,360	—	—	—	—	5,080	4,000	—	—	—	—	5,159	4,054	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—	—	5.8	5.8	—	—	—
Total Hours	476,884	310,590	194,880	62.7	0	0	469,646	294,640	232,000	78.7	0	0	496,807	299,222	235,132	78.6	0	0
Average Weekly Hours	55 1	—	—	—	—	—	53.2	—	—	—	—	—	55.5	—	—	—	—	—
Ryan, San Diego																		
Total Number of Workers	1,712	1,072	568	53.0	72	6.7	1,704	1,015	618	60.9	71	7.0	1,796	1,176	627	53.3	46	3.9
Number of Workers	—	1,072	568	—	72	—	—	1,015	618	—	71	—	—	1,176	627	—	46	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	7	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	77,356	51,456	27,264	53 0	2,808	5 5	80,156	48,720	29,664	60 9	2,769	5.7	83,130	56,448	30,096	53 3	1,932	3.4
Average Weekly Hours	45 2	—	—	—	—	—	47.0	—	—	—	—	—	46.3	—	—	—	—	—
Sikorsky, Bridgeport																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St Louis Aircraft, St Louis																		
Total Number of Workers	237	199	38	19 1	0	0	300	234	66	28 2	0	0	341	276	65	23 6	0	0
Number of Workers	—	199	38	—	—	—	—	234	66	—	—	—	—	276	65	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	11,603	9,552	1,824	19 1	0	0	14,520	11,332	3,168	28.2	0	0	16,879	13,248	3,120	23 6	0	0
Average Weekly Hours	49 0	—	—	—	—	—	48 4	—	—	—	—	—	49 5	—	—	—	—	—
Vultee, Downey Alliance																		
Total Number of Workers	454	322	119	37 0	0	0	486	357	118	33 1	0	0	496	336	141	42 0	0	0
Number of Workers	—	322	119	—	—	—	—	357	118	—	—	—	—	336	141	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	23,025	15,456	5,712	37 0	0	0	22,899	17,136	5,664	33 1	0	0	22,858	16,128	6,768	42 0	0	0
Average Weekly Hours	50 7	—	—	—	—	—	47 1	—	—	—	—	—	46 1	—	—	—	—	—

Facility	APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Northrop, Hawthorne																		
Total Number of Workers	4,093	1,901	1,546	81 3	974	51 2	3,383	1,666	1,322	79 4	825	49 5	3013	1,326	1,085	81 8	602	45 4
Number of Workers	—	1,901	1,546	—	974	—	—	1,666	1,322	—	825	—	—	1,326	1,085	—	602	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	170,099	91,248	74,208	81 3	37,986	41 6	140,350	79,968	63,456	79 4	32,173	40 2	133,355	63,648	52,080	81 8	23,478	36 9
Average Weekly Hours	41.6	—	—	—	—	—	41 5	—	—	—	—	—	44 3	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	787	559	279	49.9	0	0	809	542	267	49 3	0	0	798	514	284	55 3	0	0
Number of Workers	—	559	279	—	—	—	—	542	267	—	—	—	—	514	284	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	31,406	26,832	13,392	49.9	0	0	32,727	26,016	12,384	49 3	0	0	36,136	24,672	13,632	55 3	0	0
Average Weekly Hours	39.9	—	—	—	—	—	40 5	—	—	—	—	—	45 3	—	—	—	—	—
Republic, Evansville																		
Total Number of Workers	3,064	2,041	1,023	50.1	0	0	3,352	2,290	1,536	51 9	0	0	3,511	2,148	1,400	65 2	0	0
Number of Workers	—	2,041	1,023	—	—	—	—	2,290	1,536	—	—	—	—	2,148	1,400	—	—	—
Hours per Day	—	10	10	—	—	—	—	9.66[1]	9.66[1]	—	—	—	—	9.66[1]	9.66[1]	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	171,907	122,460	61,380	50.1	0	0	179,833	132,728	68,356	51 9	0	0	184,548	124,498	81,144	65 2	0	0
Average Weekly Hours	56.1	—	—	—	—	—	53.6	—	—	—	—	—	52.6	—	—	—	—	—
Republic, Farmingdale																		
Total Number of Workers	8,933	5,109	4,097	80 2	0	0	8,762	5,009	4,905	80 0	0	0	8,645	4,937	3,944	79 9	0	0
Number of Workers	—	5,109	4,097	—	—	—	—	5,009	4,905	—	—	—	—	4,937	3,944	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5.8	5.8	—	—	—	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—
Total Hours	481,881	296,322	237,626	80.2	0	0	475,303	290,522	232,406	80 0	0	0	464,141	286,346	228,752	79 9	0	0
Average Weekly Hours	53.9	—	—	—	—	—	54.2	—	—	—	—	—	53 7	—	—	—	—	—
Ryan, San Diego																		
Total Number of Workers	1,628	990	635	64.1	85	8.6	1,636	1,026	658	64 9	106	10 3	1,647	1,039	713	68 6	101	9.7
Number of Workers	—	990	635	—	85	—	—	1,026	658	—	106	—	—	1,039	713	—	101	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	77,682	47,520	30,480	64.1	3,315	7.0	76,655	49,248	31,968	64 9	4,134	8.4	78,224	49,872	34,224	68 6	3,939	7 9
Average Weekly Hours	47.7	—	—	—	—	—	46 9	—	—	—	—	—	47.5	—	—	—	—	—
Sikorsky, Bridgeport																		
Total Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	234	208	31	14 9	0	0
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	187	26	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	5 8	5 8	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	21	5	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	5 5	5 5	—	—	—
Total Hours	—	—	—	—	—	—	—	—	—	—	—	—	12,951	12,001	1,783	14 9	0	0
Average Weekly Hours	—	—	—	—	—	—	—	—	—	—	—	—	55 3	—	—	—	—	—
St Louis Aircraft, St Louis																		
Total Number of Workers	346	285	61	21.4	0	0	410	322	88	35 3	0	0	415	335	66	19 7	0	0
Number of Workers	—	285	61	—	—	—	—	322	88	—	—	—	—	335	66	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	17,509	13,680	2,928	21 4	0	0	18,289	15,504	2,832	18 3	0	0	18,560	16,080	3,168	19 7	0	0
Average Weekly Hours	50 6	—	—	—	—	—	44 6	—	—	—	—	—	44 7	—	—	—	—	—
Vultee, Downey Alliance																		
Total Number of Workers	462	328	113	34 5	0	0	468	352	120	34 3	0	0	437	380	80	21 1	0	0
Number of Workers	—	328	113	—	—	—	—	352	120	—	—	—	—	380	80	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	22,189	15,744	5,424	34 5	0	0	23,511	16,944	5,856	34 5	0	0	21,781	18,240	3,840	21 1	0	0
Average Weekly Hours	48.0	—	—	—	—	—	50 2	—	—	—	—	—	49 8	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1943

FACILITY	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Timm Van Nuys (Subsidy)																																				
Total Number of Workers	548	403	134	33 3	11	2 7	659	451	152	33 7	10	2 2	582	414	160	38.6	10	2 4	559	397	162	40 8	0	0	621	462	159	34 4	0	0	554	403	151	37 5	0	0
Number of Workers	—	403	134	—	11	—	—	451	152	—	10	—	—	414	160	—	10	—	—	397	162	—	—	—	—	462	159	—	—	—	—	403	151	—	—	—
Hours per Day	—	8	8	—	6 75	—	—	8	8	—	6 75	—	—	8	8	—	6 75	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	25,676	19,344	6,432	33 3	446	2 3	31,614	21,648	7,296	33 7	405	1 9	27,562	19,872	7,680	38.6	405	2 0	25,855	19,056	7,776	40 8	0	0	26,452	22,176	7,632	34 4	0	0	25,543	19,344	7,248	37 5	0	0
Average Weekly Hours	46 9	—	—	—	—	—	48 0	—	—	—	—	—	47 4	—	—	—	—	—	46 3	—	—	—	—	—	42 6	—	—	—	—	—	46 1	—	—	—	—	—
Ware, Troy																																				
Total Number of Workers	720	337	243	72 1	140	41 5	729	337	263	78 0	129	38 3	851	440	273	62 0	138	31 4	887	467	284	60.8	136	29 1	1,041	554	344	62 1	171	30 9	805	429	269	62 7	147	34 3
Number of Workers	—	285	213	—	140	—	—	279	236	—	129	—	—	368	252	—	138	—	—	388	260	—	136	—	—	116	105	—	44	—	—	123	99	—	37	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7 5	7.5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7.5	7.5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	7	7	—	7	—	—	8	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	52	30	—	—	—	—	58	27	—	—	—	—	72	21	—	—	—	—	79	24	—	—	—	—	362	218	—	127	—	—	306	170	—	110	—
Hours per Day	—	11	11	—	—	—	—	11	11	—	—	—	—	11	11	—	—	—	—	11	11	—	—	—	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	7	7	—	7	—	—	7	7	—	7	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76	21	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	11	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	38,907	18,395	13,163	71 6	7,350	40 0	32,043	16,383	12,402	75 7	5,805	35.4	34,652	21,312	12,726	59 7	6,210	29 1	37,869	22,674	13,284	58.6	6,120	27.0	42,566	29,241	17,556	60.0	8,648	29 6	38,217	21,600	13,380	61 9	7,440	34 4
Average Weekly Hours	52.0	—	—	—	—	—	44 0	—	—	—	—	—	40.7	—	—	—	—	—	42.7	—	—	—	—	—	40.9	—	—	—	—	—	47.5	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY — Actual: All Shifts	JULY — Actual: First Shift	JULY — Scheduled Second Shift: Number	JULY — Scheduled Second Shift: % of First	JULY — Scheduled Third Shift: Number	JULY — Scheduled Third Shift: % of First	AUGUST — Actual: All Shifts	AUGUST — Actual: First Shift	AUGUST — Scheduled Second Shift: Number	AUGUST — Scheduled Second Shift: % of First	AUGUST — Scheduled Third Shift: Number	AUGUST — Scheduled Third Shift: % of First	SEPTEMBER — Actual: All Shifts	SEPTEMBER — Actual: First Shift	SEPTEMBER — Scheduled Second Shift: Number	SEPTEMBER — Scheduled Second Shift: % of First	SEPTEMBER — Scheduled Third Shift: Number	SEPTEMBER — Scheduled Third Shift: % of First	OCTOBER — Actual: All Shifts	OCTOBER — Actual: First Shift	OCTOBER — Scheduled Second Shift: Number	OCTOBER — Scheduled Second Shift: % of First	OCTOBER — Scheduled Third Shift: Number	OCTOBER — Scheduled Third Shift: % of First	NOVEMBER — Actual: All Shifts	NOVEMBER — Actual: First Shift	NOVEMBER — Scheduled Second Shift: Number	NOVEMBER — Scheduled Second Shift: % of First	NOVEMBER — Scheduled Third Shift: Number	NOVEMBER — Scheduled Third Shift: % of First	DECEMBER — Actual: All Shifts	DECEMBER — Actual: First Shift	DECEMBER — Scheduled Second Shift: Number	DECEMBER — Scheduled Second Shift: % of First	DECEMBER — Scheduled Third Shift: Number	DECEMBER — Scheduled Third Shift: % of First
All Facilities																																		
Total Number of Workers	429,467	233,493	157,819	67 6	56,544	24 2	431,362	235,817	160,957	68.3	53 578	22 7	436,990	233,626	164,116	70 3	50,664	21 7	448,022	234,359	170,116	72 4	51,042	21 7	450,964	237,316	171,884	72 4	41,213	20 3	437,539	236,360	171,790	72 7	41,281	17 5
Total Hours	19,328,326	11,569 553	7,752,155	67 0	2,292,037	19 8	19,613,712	11,678,694	7,875,184	67 4	2,152,460	18 4	19,845,993	11,589,457	8,096,111	69 9	2,031,924	17 5	30,214,932	11,642,995	8,340,453	71 6	2,046,398	17.6	20,359,341	11,782,335	8,438,789	71 6	1,944,461	16 5	19,557,103	11,781,895	8,531,407	72 4	1,344,945	14 0
Average Weekly Hours	45 0	49 6	49 1	—	40 5	—	45 5	49 5	48 9	—	40 2	—	45 4	49 6	49 3	—	40 1	—	45 1	49 6	49 0	—	40 1	—	45 2	49 7	49 1	—	40 3	—	44 7	49 9	49.7	—	39 9	—
Aeronca, Middletown																																		
Total Number of Workers	665	542	167	30 8	0	0	680	546	169	31 0	0	0	709	580	151	26 0	0	0	697	550	182	33.1	0	0	754	593	194	32 7	0	0	774	607	199	32 8	0	0
Number of Workers	—	542	167	—	—	—	—	546	169	—	—	—	—	580	151	—	—	—	—	550	182	—	—	—	—	593	194	—	—	—	—	607	199	—	—	—
Hours per Day	—	8	9 6	—	—	—	—	8	9.6	—	—	—	—	8	9.6	—	—	—	—	8	9 6	—	—	—	—	8	9.6	—	—	—	—	8	9 6	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Total Hours	32,106	26,016	8,016	30 8	0	0	31,063	26,208	8,112	31.0	0	0	30,414	27,840	7,248	26 0	0	0	32,993	26,400	8,736	33.1	0	0	35,110	28,464	9,312	32 7	0	0	34,794	29,136	9,552	32 8	0	0
Average Weekly Hours	48 3	—	—	—	—	—	45 7	—	—	—	—	—	42 9	—	—	—	—	—	47 3	—	—	—	—	—	46.6	—	—	—	—	—	44 9	—	—	—	—	—
Beech, Wichita																																		
Total Number of Workers	5,019[15]	2,478	1,787	72 1	754	30 4	4,746[15]	2,381	1,702	71.5	758	31.8	4,980	2,476	1,741	70 3	818	33 0	5,062	2,514	1,820	72.4	877	34.9	5,210	2,531	1,898	75 0	918	36 3	5,431	2,606	1,996	76 6	943	36 2
Number of Workers	—	2,478	1,787	—	754	—	—	2,381	1,702	—	758	—	—	2,476	1,741	—	818	—	—	2,514	1,820	—	877	—	—	2,531	1,898	—	918	—	—	2,606	1,996	—	943	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	224,310	118,944	85,776	72 1	29,406	24 7	225,454	114,288	81,696	71.5	29,562	25 9	229,339	118,848	83,568	70 3	31,902	26 8	240,079	120,672	87,360	72 4	34,203	28.3	240,008	121,488	91,104	75.0	35,802	29 5	251,288	125,088	95,808	76 6	36,777	29 4
Average Weekly Hours	44.7	—	—	—	—	—	47 5	—	—	—	—	—	46.1	—	—	—	—	—	47 4	—	—	—	—	—	46.1	—	—	—	—	—	46.3	—	—	—	—	—
Bell, Atlanta																																		
Total Number of Workers	1,296	903	387	42 9	0	0	1,303	882	424	48 1	0	0	1,621	1,074	511	47.6	13	1.2	2,312	1,433	725	50.6	142	9.9	3,598	2,136	1,199	56.1	213	10 0	4,807	2,643	1,838	69 5	297	11 2
Number of Workers	—	903	387	—	—	—	—	882	424	—	—	—	—	1,074	511	—	13	—	—	1,433	725	—	142	—	—	2,136	1,199	—	213	—	—	2,643	1,838	—	297	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	54,854	43,344	18,576	42.9	0	0	55,811	42,336	20,352	48 1	0	0	72,554	51,552	24,528	47 6	507	1.0	103,383	68,784	34,800	50.6	5,538	8.1	156,330	102,528	57,552	56.1	8,307	8 1	200,887	126,864	88,224	69 5	11,583	9 1
Average Weekly Hours	42.3	—	—	—	—	—	42.8	—	—	—	—	—	44.8	—	—	—	—	—	44.7	—	—	—	—	—	43 4	—	—	—	—	—	41.8	—	—	—	—	—
Bell, Buffalo[19]																																		
Total Number of Workers	14,812	8,171	5,678	69 5	2,366	29 0	13,438	7,252	5,046	69 6	2,393	33 0	12,908	6,823	4,967	72.8	2,357	34.5	12,969	6,601	5,545	84 0	1,883	28.5	12,704	6,505	5,370	82 6	1,663	25 6	12,079	6,244	4,841	77.5	1,551	24 8
Number of Workers	—	8,171	5,678	—	2,366	—	—	7,039	4,781	—	2,198	—	—	6,636	4,643	—	2,177	—	—	6,452	5,025	—	1,748	—	—	6,363	4,856	—	1,548	—	—	6,127	4,530	—	1,462	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	213	265	—	195	—	—	187	324	—	180	—	—	149	520	—	135	—	—	142	514	—	115	—	—	117	311	—	89	—
Hours per Day	—	—	—	—	—	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week[20]	—	—	—	—	—	—	—	3	3	—	3	—	—	3	3	—	3	—	—	3	3	—	3	—	—	3	3	—	3	—	—	3	3	—	3	—
Total Hours	545,850	392,208	272,544	69 5	92,274	23.5	547,205	342,984	235,848	68.8	89,525	26.1	529,396	323,016	230,640	71.4	88,413	27.4	548,530	313,272	253,680	81.0	70,805	22 6	534,880	308,832	245,424	79.5	62,615	20 3	476,076	296,904	224,904	75 7	58,754	19 8
Average Weekly Hours	36.9	—	—	—	—	—	40.7	—	—	—	—	—	41 0	—	—	—	—	—	42.3	—	—	—	—	—	42.1	—	—	—	—	—	39 4	—	—	—	—	—
Bellanca, Newcastle																																		
Total Number of Workers	75	74	0	0	0	0	84	87	0	0	0	0	173	173	0	0	0	0	166	155	28	18.1	0	0	1,264	714	372	52 1	232	32 5	1,270	711	367	51 6	233	32 8
Number of Workers	—	74	0	—	—	—	—	87	0	—	—	—	—	173	—	—	—	—	—	155	28	—	—	—	—	714	372	—	232	—	—	711	367	—	233	—
Hours per Day	—	8	0	—	—	—	—	8	0	—	—	—	—	8	—	—	—	—	—	8	8	—	—	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	0	—	—	—	—	6	0	—	—	—	—	6	—	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	3,432	3,552	0	0	0	0	4,317	4,176	0	0	0	0	8,295	8,304	0	0	0	0	8,035	7,440	1,344	18 1	0	0	57,930	34,272	17,856	52.1	11,136	32.5	57,575	34,128	17,616	51 6	11,184	32 8
Average Weekly Hours	45 8	—	—	—	—	—	51 4	—	—	—	—	—	47 9	—	—	—	—	—	48 4	—	—	—	—	—	45 8	—	—	—	—	—	45 3	—	—	—	—	—
Boeing, Renton																																		
Total Number of Workers	1,936	1,598	336	21 0	2	0.1	2,232	1,735	409	23 6	2	0 1	2,349	1,712	537	31 4	2	0.1	2,716	1,869	707	37.8	2	0 1	3,431	2,168	1,110	51 2	63	2.9	3,654	2,256	1,282	56 8	6	0 3
Number of Workers	—	67	22	—	2	—	—	137	19	—	2	—	—	61	50	—	2	—	—	69	81	—	2	—	—	67	78	—	11	—	—	38	84	—	6	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	5	5	—	6	—	—	5	5	—	6	—	—	5	5	—	6	—	—	5	5	—	6	—	—	5	5	—	5	—	—	5	5	—	5	—
Number of Workers	—	1,306	229	—	—	—	—	1,598	390	—	—	—	—	1,649	487	—	—	—	—	1,800	626	—	—	—	—	1,561	710	—	52	—	—	2,091	1,083	—	—	—
Hour per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	6 5	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	—	—
Number of Hours	—	225	85	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	530	322	—	—	—	—	127	115	—	—	—
Hours per Day	—	8	8	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	—	—	—	—	—	—	7	—	—	—	—	—	—	—	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	78,412	77,968	19,632	21 3	78	0 1	84,179	82,154	19,480	23 7	78	0 1	88,423	81,704	25,376	31 1	78	0 1	104,533	89,160	33,288	37 3	78	0 1	149,812	107,598	53,232	51 4	2,386	2 2	147,901	109,000	61,784	56 7	195	0 2
Average Weekly Hours	40 5	—	—	—	—	—	37 7	—	—	—	—	—	37 6	—	—	—	—	—	38 5	—	—	—	—	—	43 7	—	—	—	—	—	40 5	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY — Actual — All Shifts	JULY — Actual — First Shift	JULY — Scheduled — Second Shift Number	JULY — Scheduled — Second Shift % of First	JULY — Scheduled — Third Shift Number	JULY — Scheduled — Third Shift % of First	AUGUST — Actual — All Shifts	AUGUST — Actual — First Shift	AUGUST — Scheduled — Second Shift Number	AUGUST — Scheduled — Second Shift % of First	AUGUST — Scheduled — Third Shift Number	AUGUST — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	15,986	8,571	5,722	66 8	1,409	16.4	15,138	8,190	5,205	63 6	1,308	16 0
Number of Workers	—	7,374	4,791	—	1,132	—	—	7,891	5,038	—	1,239	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	1,197	931	—	277	—	—	299	167	—	69	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	693,237	420,984	282,104	67 0	56,752	13 5	631,915	395,512	251,176	63 5	51,461	13 0
Average Weekly Hours	43 4	—	—	—	—	—	41.7	—	—	—	—	—
Boeing, Wichita, No. 1												
Total Number of Workers	1,546	957	528	55 2	165	17 2	1,569	936	568	60.7	167	17.8
Number of Workers	—	957	528	—	165	—	—	936	568	—	167	—
Hours per Day	—	7.5	7.5	—	7 5	—	—	7.5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	70,188	43,065	23,760	55 2	7,425	17 2	68,902	42,120	25,560	60 7	7,515	17 8
Average Weekly Hours	45 4	—	—	—	—	—	43.9	—	—	—	—	—
Boeing, Wichita, No. 2												
Total Number of Workers	10,078	4,208	3,561	84 6	3,021	71.8	10,062	4,197	3,551	84.6	3,013	71 8
Number of Workers	—	4,208	3,561	—	3,021	—	—	4,197	3,551	—	3,013	—
Hours per Day	—	7.5	7 5	—	7.5	—	—	7 5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	452,679	189,360	160,245	84 6	135,945	71.8	453,204	188,865	159,795	84.6	135,585	71 8
Average Weekly Hours	44 9	—	—	—	—	—	45.0	—	—	—	—	—
Brewster, Long Island												
Total Number of Workers	6,105	4,040	2,201	54 5	0	0	7,079	4,442	2,825	63.6	0	0
Number of Workers	—	2	2	—	—	—	—	3	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	3	2	—	—	—
Days per Week	—	2	2	—	—	—	—	3	2	—	—	—
Total Hours	312,409	226,230	125,336	55 4	0	0	361,035	250,695	160,141	63.9	0	0
Average Weekly Hours	51.2	—	—	—	—	—	51.0	—	—	—	—	—
Brewster, Newark												
Total Number of Workers	1,981	1,304	627	48 1	0	0	1,890	1,285	623	48.5	0	0
Number of Workers	—	1,304	627	—	—	—	—	1,285	625	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5 95	5 95	—	—	—	—	6	6	—	—	—
Total Hours	98,494	69,829	33,576	48.1	0	0	92,394	69,390	33,642	48.5	0	0
Average Weekly Hours	49.7	—	—	—	—	—	48.9	—	—	—	—	—
Brewster, Johnsville												
Total Number of Workers	3,460	2,517	1,106	43 9	0	0	3,918	2,687	1,313	48 9	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	2	2	—	—	—	—	2	2	—	—	—
Total Hours	173,743	133,797	58,622	43 8	0	0	196,774	142,811	69,631	48 8	0	0
Average Weekly Hours	50 2	—	—	—	—	—	50 2	—	—	—	—	—
Budd, Philadelphia[23]												
Total Number of Workers	3,862	2,376	1,238	51 7	274	11.5	4,856	2,943	1,663	56 5	335	11 4
Number of Workers	—	2	2	—	2	—	—	2	2	—	2	—
Hours per Day	—	2	2	—	2	—	—	2	2	—	2	—
Days per Week	—	2	2	—	2	—	—	2	2	—	2	—
Total Hours	175,294	107,387	56,412	52 5	12,591	11 7	213,430	134,099	75,957	56 6	15,026	11 2
Average Weekly Hours	45 4	—	—	—	—	—	44 0	—	—	—	—	—
Cessna, Wichita												
Total Number of Workers	2,644	1,306	1,216	93 1	123	9 4	2,881	1,404	1,275	90 8	180	12 8
Number of Workers	—	1,306	1,216	—	123	—	—	1,404	1,275	—	180	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	113,789	58,770	54,720	93 1	5,535	9 4	127,583	63,180	57,375	90 8	8,100	12 8
Average Weekly Hours	43.0	—	—	—	—	—	44 3	—	—	—	—	—

FACILITY	SEPTEMBER — Actual — All Shifts	SEPTEMBER — Actual — First Shift	SEPTEMBER — Scheduled — Second Shift Number	SEPTEMBER — Scheduled — Second Shift % of First	SEPTEMBER — Scheduled — Third Shift Number	SEPTEMBER — Scheduled — Third Shift % of First	OCTOBER — Actual — All Shifts	OCTOBER — Actual — First Shift	OCTOBER — Scheduled — Second Shift Number	OCTOBER — Scheduled — Second Shift % of First	OCTOBER — Scheduled — Third Shift Number	OCTOBER — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	15,162	8,085	5,376	66.5	1,163	14.4	16,058	8,094	6,396	79 0	1,253	15.5
Number of Workers	—	5,715	3,537	—	669	—	—	7,850	6,249	—	1,180	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	2,370	1,839	—	494	—	—	244	147	—	73	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	671,652	407,040	272,760	67 0	48,568	11.9	684,461	390,464	308,184	78.9	49,342	12 6
Average Weekly Hours	44 3	—	—	—	—	—	42.6	—	—	—	—	—
Boeing, Wichita, No. 1												
Total Number of Workers	1,508	971	462	47.6	159	16.4	1,569	935	525	56.1	181	19.4
Number of Workers	—	971	462	—	159	—	—	935	525	—	181	—
Hours per Day	—	7.5	7.5	—	7.5	—	—	7 5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	63,494	43,695	20,790	47.6	7,155	16.4	70,048	42,075	23,625	56.1	8,145	19.4
Average Weekly Hours	44.5	—	—	—	—	—	44.6	—	—	—	—	—
Boeing, Wichita, No. 2												
Total Number of Workers	10,137	4,303	3,551	82.5	2,905	67.5	10,358	4,378	3,722	85.0	2,846	65.0
Number of Workers	—	4,303	3,551	—	2,905	—	—	4,378	3,722	—	2,846	—
Hours per Day	—	7.5	7.5	—	7.5	—	—	7.5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	484,383	193,725	159,795	82.5	130,725	67.5	485,111	197,010	167,490	85.0	128,070	65.0
Average Weekly Hours	47.8	—	—	—	—	—	46.8	—	—	—	—	—
Brewster, Long Island												
Total Number of Workers	7,097	4,370	3,044	69 7	0	0	5,554	3,553	2,145	60.4	0	0
Number of Workers	—	3	3	—	—	—	—	3	3	—	—	—
Hours per Day	—	3	3	—	—	—	—	3	3	—	—	—
Days per Week	—	3	3	—	—	—	—	3	3	—	—	—
Total Hours	361,366	244,986	171,570	70.0	0	0	289,792	199,966	122,402	61.2	0	0
Average Weekly Hours	50.9	—	—	—	—	—	52 2	—	—	—	—	—
Brewster, Newark												
Total Number of Workers	1,951	1,301	618	51.5	0	0	1,986	1,238	718	58.0	0	0
Number of Workers	—	1,301	618	—	—	—	—	1,238	718	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5 95	5 95	—	—	—	—	6	6	—	—	—
Total Hours	95,551	64,314	33,094	51 5	0	0	97,308	66,852	38,772	58.0	0	0
Average Weekly Hours	49 0	—	—	—	—	—	49.0	—	—	—	—	—
Brewster, Johnsville												
Total Number of Workers	3,936	2,705	1,269	46.9	0	0	3,350	2,495	1,125	45 1	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	2	2	—	—	—	—	2	2	—	—	—
Total Hours	188,824	143,691	67,251	46 8	0	0	162,864	132,511	59,639	45 0	0	0
Average Weekly Hours	48.8	—	—	—	—	—	48 6	—	—	—	—	—
Budd, Philadelphia[23]												
Total Number of Workers	5,443	3,231	1,967	60 9	355	11.0	6,078	3,553	2,180	61.4	502	14 1
Number of Workers	—	3	2	—	2	—	—	3	2	—	2	—
Hours per Day	—	3	2	—	2	—	—	3	2	—	2	—
Days per Week	—	3	2	—	2	—	—	3	2	—	2	—
Total Hours	219,423	133,069	82,373	61 9	15,598	11 7	263,849	160,891	99,101	61 7	22,817	14 2
Average Weekly Hours	40 3	—	—	—	—	—	43 4	—	—	—	—	—
Cessna, Wichita												
Total Number of Workers	2,804	1,406	1,283	91 3	151	10 7	2,793	1,357	1,283	94 5	136	10 2
Number of Workers	—	1,406	1,283	—	151	—	—	1,357	1,283	—	128	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	124,490	63,270	57,735	91 3	6,795	10 7	127,707	61,065	57,735	94 5	6,210	10 2
Average Weekly Hours	43 8	—	—	—	—	—	45 7	—	—	—	—	—

FACILITY	NOVEMBER — Actual — All Shifts	NOVEMBER — Actual — First Shift	NOVEMBER — Scheduled — Second Shift Number	NOVEMBER — Scheduled — Second Shift % of First	NOVEMBER — Scheduled — Third Shift Number	NOVEMBER — Scheduled — Third Shift % of First	DECEMBER — Actual — All Shifts	DECEMBER — Actual — First Shift	DECEMBER — Scheduled — Second Shift Number	DECEMBER — Scheduled — Second Shift % of First	DECEMBER — Scheduled — Third Shift Number	DECEMBER — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	16,881	8,770	6,479	73 9	1,242	14 2	17,526	8,701	6,952	79 9	1,441	16 6
Number of Workers	—	8,143	6,143	—	1,175	—	—	7,653	6,157	—	1,378	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	627	336	—	67	—	—	1,048	795	—	63	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	724,333	425,976	313,680	73 6	48,574	11 5	723,583	426,032	340,056	79 8	56,609	13 3
Average Weekly Hours	42.9	—	—	—	—	—	41 3	—	—	—	—	—
Boeing, Wichita, No. 1												
Total Number of Workers	640	401	220	54.9	47	11 7	[23]	—	—	—	—	—
Number of Workers	—	401	220	—	47	—	—	—	—	—	—	—
Hours per Day	—	7.5	7.5	—	7 5	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	—	—	—	—	—
Total Hours	29,588	18,045	9,900	54 9	2,115	11 7	—	—	—	—	—	—
Average Weekly Hours	46 2	—	—	—	—	—	—	—	—	—	—	—
Boeing, Wichita, No. 2												
Total Number of Workers	11,801	5,168	4,663	90 2	2,773	53 7	13,284[23]	7,251	6,966	96.1	0	0
Number of Workers	—	4,261	3,845	—	2,286	—	—	7,251	6,966	—	—	—
Hours per Day	—	7.5	7.5	—	7 5	—	—	10	10	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—
Number of Workers	—	907	818	—	487	—	—	—	—	—	—	—
Hours per Day	—	10	10	—	10	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	—	—	—	—	—
Total Hours	527,858	246,165	222,105	90 2	132,090	53.7	715,589	435,060	417,960	96.1	0	0
Average Weekly Hours	44.7	—	—	—	—	—	53 8	—	—	—	—	—
Brewster, Long Island												
Total Number of Workers	5,922	3,621	2,407	66 5	0	0	6,175	3,759	2,565	68.2	0	0
Number of Workers	—	3	3	—	—	—	—	3	3	—	—	—
Hours per Day	—	3	3	—	—	—	—	3	3	—	—	—
Days per Week	—	3	3	—	—	—	—	3	3	—	—	—
Total Hours	311,187	204,450	136,654	66.8	0	0	311,187	212,382	145,442	68.5	0	0
Average Weekly Hours	52 5	—	—	—	—	—	50 4	—	—	—	—	—
Brewster, Newark												
Total Number of Workers	1,439	950	413	43 5	0	0	[23]	—	—	—	—	—
Number of Workers	—	950	413	—	—	—	—	—	—	—	—	—
Hours per Day	—	9	9	—	—	—	—	—	—	—	—	—
Days per Week	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	72,036	51,300	22,302	43.5	0	0	—	—	—	—	—	—
Average Weekly Hours	50 1	—	—	—	—	—	—	—	—	—	—	—
Brewster, Johnsville												
Total Number of Workers	3,012	2,170	966	44 5	0	0	2,381	1,746	635	36 4	0	0
Number of Workers	—	2	2	—	—	—	—	2	2	—	—	—
Hours per Day	—	2	2	—	—	—	—	2	2	—	—	—
Days per Week	—	2	2	—	—	—	—	2	2	—	—	—
Total Hours	139,284	115,200	51,190	44 4	0	0	118,482	95,509	34,388	36 0	0	0
Average Weekly Hours	46 2	—	—	—	—	—	49.8	—	—	—	—	—
Budd, Philadelphia[23]												
Total Number of Workers	6,416	3,655	2,312	63 3	507	13 9	7,169	4,145	2,616	63 1	537	13 0
Number of Workers	—	3	3	—	3	—	—	3	3	—	3	—
Hours per Day	—	3	3	—	3	—	—	3	3	—	3	—
Days per Week	—	3	3	—	3	—	—	3	3	—	3	—
Total Hours	283,788	165,339	105,039	63 5	23,028	13 9	303,963	189,099	119,913	63 4	24,300	12 9
Average Weekly Hours	44 2	—	—	—	—	—	42 4	—	—	—	—	—
Cessna, Wichita												
Total Number of Workers	2,856	1,405	1,199	85 3	142	10 1	2,979	1,486	1,352	91 0	128	9 1
Number of Workers	—	1,405	1,199	—	142	—	—	1,486	1,352	—	128	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—
Days per Week	—	6	6	—	6	—	—	7	7	—	7	—
Total Hours	121,832	63,225	53,933	85 3	6,390	10 1	145,366	68,228	70,356	89 9	6,840	9 5
Average Weekly Hours	42 7	—	—	—	—	—	48 8	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Chance Vought, Stratford and Bridgeport																		
Total Number of Workers	6,705	4,029	3,040	75 5	0	0	6,806[24]	4,286	2,948	68 8	0	0	6,128	3,824	2,685	70 2	0	0
Number of Workers	—	4,029	3,040	—	—	—	—	3,007	1,822	—	—	—	—	2,599	1,643	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5 7	5 7	—	—	—	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—
Number of Workers	—	—	—	—	—	—	—	1,279	1,126	—	—	—	—	1,225	1,042	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—
Total Hours	355,692	229,653	173,280	75 5	0	0	365,240	244,751	167,606	68.5	0	0	330,555	218,117	152,604	70 0	0	0
Average Weekly Hours	53 1	—	—	—	—	—	53 7	—	—	—	—	—	53 9	—	—	—	—	—
Columbia, Valley Stream																		
Total Number of Workers	1,069	1,030[25]	106[25]	10 3	0	0	1,104	1,074[25]	115[25]	10 7	0	0	1,175	957[25]	166[25]	17 3	0	0
Number of Workers	—	663	106	—	—	—	—	707	115	—	—	—	—	614	166	—	—	—
Hours per Day	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—
Days per Week	—	5 84	5 84	—	—	—	—	5 84	5 84	—	—	—	—	5.84	5 84	—	—	—
Number of Workers	—	367	—	—	—	—	—	367	—	—	—	—	—	343	—	—	—	—
Hours per Day	—	9 5	—	—	—	—	—	9 5	—	—	—	—	—	9.5	—	—	—	—
Days per Week	—	5 42	—	—	—	—	—	5 42	—	—	—	—	—	5 42	—	—	—	—
Total Hours	57,275	55,680	5,881	10 6	0	0	59,474	56,121	6,380	11 0	0	0	57,254	51,726	9,210	17.8	0	0
Average Weekly Hours	53 6	—	—	—	—	—	53.9	—	—	—	—	—	48.7	—	—	—	—	—
Consol.-Vultee, Allentown																		
Total Number of Workers	132	132	0	0	0	0	181	187	0	0	0	0	186	195	0	0	0	0
Number of Workers	—	30	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	[2]	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	[2]	—	—	—	—
Number of Workers	—	6	—	—	—	—	—	17	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5 88	—	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	96	—	—	—	—	—	162	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—
Total Hours	5,628	5,633	0	0	0	0	7,350	7,714	0	0	0	0	8,437	8,820	0	0	0	0
Average Weekly Hours	42 8	—	—	—	—	—	40.6	—	—	—	—	—	45 4	—	—	—	—	—
Consol.-Vultee, Downey																		
Total Number of Workers	3,673	2,195	1,379	62 8	120	5.5	3,954	2,317	1,457	62 9	180	7.8	3,985	2,339	1,402	59 9	244	10.4
Number of Workers	—	2,195	1,379	—	120	—	—	2,317	1,457	—	180	—	—	2 339	1,402	—	244	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	159,483	105,360	66,192	62 8	4,680	4 4	177,355	111,216	69,936	62 9	7,020	6 3	162,978	112,272	67,296	59 9	9,516	8 5
Average Weekly Hours	43 4	—	—	—	—	—	44 7	—	—	—	—	—	40 9	—	—	—	—	—
Consol.-Vultee, Fort Worth																		
Total Number of Workers	11,960	6,730	5,602	83 2	54	0 8	12,231	7,101	5,805	81 7	85	1 2	14,889	8,328	7,298	87 6	112	1.3
Number of Workers	—	6,730	5,602	—	54	—	—	7,101	5,805	—	85	—	—	8,328	7,298	—	112	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	563,511	323,040	268,896	83 2	2,106	0 7	604,248	340,848	278,640	81 7	3,315	1 0	692,796	399,744	350,304	87 6	4,368	1 1
Average Weekly Hours	47 1	—	—	—	—	—	49 4	—	—	—	—	—	46 5	—	—	—	—	—
Consol.-Vultee, New Orleans																		
Total Number of Workers	21	30	0	0	0	0	35	36	0	0	0	0	139	140	0	0	0	0
Number of Workers	—	30	—	—	—	—	—	36	—	—	—	—	—	140	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	992	1 440	0	0	0	0	1,408	1,728	0	0	0	0	5,768	6,720	0	0	0	0
Average Weekly Hours	47 2	—	—	—	—	—	40 2	—	—	—	—	—	41 5	—	—	—	—	—
Consol.-Vultee, Nashville																		
Total Number of Workers	2,048	1,332	831	62 4	16	1 2	2,236	1,462	918	62 8	0	0	2,469	1,544	1,025	66 6	10	0 6
Number of Workers	—	—	—	—	16	—	—	—	—	—	—	—	—	—	—	—	10	—
Hours per Day	—	[2]	[2]	—	6 5	—	—	[2]	[2]	—	—	—	—	[2]	[2]	—	6 5	—
Days per Week	—	[2]	[2]	—	6	—	—	[2]	[2]	—	—	—	—	[2]	[2]	—	5 9	—
Total Hours	100,679	61,808	39,344	63 7	124	1 0	108,816	68,608	43,116	62 8	0	0	109,048	71 774	47,406	66 0	384	0 5
Average Weekly Hours	49 2	—	—	—	—	—	48 7	—	—	—	—	—	44 3	—	—	—	—	—

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Chance Vought, Stratford and Bridgeport																		
Total Number of Workers	6,113	3,885	2,679	69 0	0	0	6,148	3,732	2,636	70 6	0	0	6,150	3,725	2,671	71 8	0	0
Number of Workers	—	2,754	1,660	—	—	—	—	2,588	2,636	—	—	—	—	2,622	1,651	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5.8	5 8	—	—	—	—	5 5	5 8	—	—	—	—	5 8	5 8	—	—	—
Number of Workers	—	1,131	1,019	—	—	—	—	1,144	992	—	—	—	—	1,106	1,020	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—
Total Hours	333,669	221,937	152,325	68 6	0	0	341,288	213,024	149,912	70 4	0	0	323,090	212,906	151,858	71 3	0	0
Average Weekly Hours	54.6	—	—	—	—	—	55 5	—	—	—	—	—	52 5	—	—	—	—	—
Columbia, Valley Stream																		
Total Number of Workers	1,213	1,039[25]	203[25]	19 5	0	0	1,321	1,040[25]	229[25]	22 0	0	0	1,314	1,039[25]	223[25]	21 5	0	0
Number of Workers	—	690	136	—	—	—	—	671	145	—	—	—	—	658	129	—	—	—
Hours per Day	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—
Days per Week	—	5 84	5 84	—	—	—	—	5 84	5 84	—	—	—	—	5 84	5 84	—	—	—
Number of Workers	—	349	67	—	—	—	—	369	84	—	—	—	—	381	94	—	—	—
Hours per Day	—	9.5	9 5	—	—	—	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—
Days per Week	—	5 42	5 42	—	—	—	—	5 42	5 42	—	—	—	—	5 42	5 42	—	—	—
Total Hours	54,007	56,251	10,995	19 5	0	0	64,019	56,227	12,370	22 0	0	0	63,322	56,124	11,997	21 4	0	0
Average Weekly Hours	44.5	—	—	—	—	—	48 5	—	—	—	—	—	48 2	—	—	—	—	—
Consol.-Vultee, Allentown																		
Total Number of Workers	240	242	6	2 5	0	0	265	293	0	0	0	0	376	427	0	0	0	0
Number of Workers	—	—	8	—	—	—	—	225	—	—	—	—	—	168	—	—	—	—
Hours per Day	—	[2]	5	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	[2]	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	68	—	—	—	—	—	191	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	—	—	—	—	—	9	—	—	—	—
Days per Week	—	—	—	—	—	—	—	6	—	—	—	—	—	5 88	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	68	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	5 88	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	—
Total Hours	11,132	11,352	240	2 1	0	0	12,550	14,880	0	0	0	0	18,873	22,170	0	0	0	0
Average Weekly Hours	46.3	—	—	—	—	—	47 4	—	—	—	—	—	50 2	—	—	—	—	—
Consol.-Vultee, Downey																		
Total Number of Workers	4,039	2,481	1,329	53 6	228	9 2	3,998	2,474	1,310	53 0	214	8 6	4,027	2,511	1,291	51 4	225	9 0
Number of Workers	—	2,481	1,329	—	228	—	—	2,474	1,310	—	214	—	—	2,511	1,291	—	225	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	174,535	119,088	63,792	53 6	8,892	7 5	174,466	118,752	62,880	53 0	8,346	7 0	184,391	120,528	61,968	51 4	8,775	7 3
Average Weekly Hours	43.2	—	—	—	—	—	43 6	—	—	—	—	—	40 8	—	—	—	—	—
Consol.-Vultee, Fort Worth																		
Total Number of Workers	15,505	8,540	7,706	90 2	118	1 4	15,635	8,476	8,014	94 5	134	1 6	15,924	7,361	7,230	98 2	134	1 8
Number of Workers	—	8,540	7,706	—	118	—	—	8,476	8,014	—	134	—	—	7,361	7,230	—	134	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	687,715	409,920	369,288	90 2	4,602	1 1	708,814	406,848	384,672	94 5	5,226	1 3	742,138	353,328	347,040	98 2	5,226	1 5
Average Weekly Hours	44 4	—	—	—	—	—	45 3	—	—	—	—	—	46 1	—	—	—	—	—
Consol.-Vultee, New Orleans																		
Total Number of Workers	176	185	0	0	0	0	207	210	1	0 5	3	1	322	320	0	0	0	0
Number of Workers	—	185	—	—	—	—	—	210	1	—	—	—	—	320	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	8	—	—	—	—	8	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	6	—	—	—	—	6	—	—	—	—
Total Hours	7,992	8,880	0	0	0	0	9,160	10,080	48	0 5	3	1	13,986	15,360	0	0	0	0
Average Weekly Hours	45 4	—	—	—	—	—	44 3	—	—	—	—	—	42 5	—	—	—	—	—
Consol.-Vultee, Nashville																		
Total Number of Workers	2,545	1,616	1,075	66 5	22	1 4	2,860	1,745	1,186	68 0	40	2 3	3,084	2,000	1,123	56 2	229	11 5
Number of Workers	—	—	—	—	22	—	—	—	—	—	40	—	—	—	—	—	229	—
Hours per Day	—	[2]	[2]	—	[2]	—	—	[2]	[2]	—	[2]	—	—	[2]	[2]	—	[2]	—
Days per Week	—	[2]	[2]	—	[2]	—	—	[2]	[2]	—	[2]	—	—	[2]	[2]	—	[2]	—
Total Hours	115,869	78,052	54,724	70 3	891	1 1	141,441	95,150	64,134	67 4	1,440	1 5	145,382	92,624	51,776	55 9	9,419	10 2
Average Weekly Hours	45 5	—	—	—	—	—	49 5	—	—	—	—	—	47 0	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

Facility	JULY Actual All Shifts	JULY Actual First Shift	JULY Scheduled Second Shift Number	JULY Scheduled Second Shift % of First	JULY Scheduled Third Shift Number	JULY Scheduled Third Shift % of First	AUGUST Actual All Shifts	AUGUST Actual First Shift	AUGUST Scheduled Second Shift Number	AUGUST Scheduled Second Shift % of First	AUGUST Scheduled Third Shift Number	AUGUST Scheduled Third Shift % of First
[illegible]	2,450	12,566	9,251	73 6	85	0 7	20,243	11,764	8,854	75 3	94	0 8
Total Number of Workers	—	11,542	8,554	—	85	—	—	10,273	7,522	—	94	—
Number of Workers	—	8	8	—	8 5	—	—	8	8	—	6 5	—
Hours per Day	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	6	6	—	—	—	—	148	212	—	—	—
Number of Workers	—	170	311	—	—	—	—	4	4	—	—	—
Hours per Day	—	4	4	—	—	—	—	6	6	—	—	—
Days per Week	—	6	6	—	—	—	—	1,079	994	—	—	—
Number of Workers	—	654	456	—	—	—	—	8	8	—	—	—
Hours per Day	—	8	8	—	—	—	—	7	7	—	—	—
Days per Week	—	7	7	—	—	—	—	—	—	—	—	—
Total Hours	880,698	609,120	445,032	73 1	3,315	0 5	874,468	571,608	427,360	74 8	3,666	0 6
Average Weekly Hours	41 5	—	—	—	—	—	43 2	—	—	—	—	—
Consolidated Vultee, Wayne												
Total Number of Workers	808	598	210	35 1	0	0	664	495	169	34 1	0	0
Number of Workers	—	488	179	—	—	—	—	495	159	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	110	31	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	10	—	—	—	—	—	10	—	—	—
Days per Week	—	6	6	—	—	—	—	—	10	—	—	—
Total Hours	37,046	30,024	10,452	34 8	0	0	31,398	23,760	8,232	34 6	0	0
Average Weekly Hours	45 8	—	—	—	—	—	47 2	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	23,451	13,787	7,688	55 8	4,669	33 9	23,750	12,253	8,081	66 0	4,555	37 2
Number of Workers	—	13,787	7,688	—	4,669	—	—	12,253	8,081	—	4,555	—
Hours per Day	—	8	8	—	8 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	938,140	661,776	369,024	55 8	182,091	27 5	1,008,568	588,144	387,888	66 0	177,645	30 2
Average Weekly Hours	40 0[36]	—	—	—	—	—	42 5	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	11,940	5,704	3,955	69 3	3,056	53 6	12,630	6,800	4,080	60 0	2,720	40 0
Number of Workers	—	5,704	3,955	—	3,056	—	—	6,800	4,080	—	2,720	—
Hours per Day	—	8	8	—	8 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	554,636	273,792	189,840	69 3	[illegible]	43 5	579,177	326,400	195,840	60 0	106,080	32 5
Average Weekly Hours	46 5	—	—	—	—	—	45 9	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	7227	410	194	47 3	90	22 0	7537	460	210	45 7	95	20 7
Number of Workers	—	410	194	—	90	—	—	460	210	—	95	—
Hours per Day	—	8	8	—	8 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	310,612	19,680	9,312	47 3	3,510	17 8	25,394	22,080	10,080	45 7	3,705	16 8
Average Weekly Hours	42 4	—	—	—	—	—	33 7	—	—	—	—	—
Douglas, Chicago												
Total Number of Workers	3,522	2,400	1,200	50	0	0	4,467	4,000	1,950	44 3	0	0
Number of Workers	—	2,400	1,200	—	—	—	—	4,000	1,950	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	164,992	115,200	57,600	50 0	0	0	201,064	211,200	93,600	44 3	0	0
Average Weekly Hours	46 8	—	—	—	—	—	45 0	—	—	—	—	—

Facility	SEPTEMBER Actual All Shifts	SEPTEMBER Actual First Shift	SEPTEMBER Scheduled Second Shift Number	SEPTEMBER Scheduled Second Shift % of First	SEPTEMBER Scheduled Third Shift Number	SEPTEMBER Scheduled Third Shift % of First	OCTOBER Actual All Shifts	OCTOBER Actual First Shift	OCTOBER Scheduled Second Shift Number	OCTOBER Scheduled Second Shift % of First	OCTOBER Scheduled Third Shift Number	OCTOBER Scheduled Third Shift % of First
[illegible]	19,304	11,169	8,661	77 5	41	0 4	19,494	11,071	8,674	78 3	37	0 3
Total Number of Workers	—	9,942	7,455	—	41	—	—	9,186	6,853	—	37	—
Number of Workers	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Hours per Day	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	148	212	—	—	—	—	143	263	—	—	—
Number of Workers	—	4	4	—	—	—	—	4	4	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	1,079	994	—	—	—	—	1,742	1,558	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	7	7	—	—	—	—	7	7	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	790,321	541,192	416,592	77 3	1,599	0 3	851,031	541,912	422,504	78 0	1,443	0 3
Average Weekly Hours	40 9	—	—	—	—	—	43 7	—	—	—	—	—
Consolidated Vultee, Wayne												
Total Number of Workers	846	619	264	42 6	0	0	863	642	282	43 9	0	0
Number of Workers	—	619	264	—	—	—	—	642	282	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	38,487	29,712	12,672	42 6	0	0	39,002	30,816	13,536	43 9	0	0
Average Weekly Hours	45 5	—	—	—	—	—	45 2	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	22,504	10,918	7,952	72 8	4,497	41 2	22,636	10,818	7,905	73 1	4,481	41 4
Number of Workers	—	10,594	7,628	—	4,497	—	—	10,476	7,563	—	4,481	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	324[35]	324[35]	—	—	—	—	342[35]	342[35]	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	1	1	—	—	—	—	1	1	—	—	—
Number of Workers	—	—	45	—	—	—	—	—	45	—	—	—
Hours per Day	—	—	4	—	—	—	—	—	4	—	—	—
Days per Week	—	—	4	—	—	—	—	—	4	—	—	—
Total Hours	971,371	511,104	374,568	73 3	175,383	34 3	969,901	505,584	371,716	73 6	174,759	34 6
Average Weekly Hours	43 2	—	—	—	—	—	42 8	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	11,909	6,524	3,914	60 0	2,609	40 0	12,476	5,562	3,901	70 1	3,013	54 2
Number of Workers	—	6,524	3,914	—	2,609	—	—	5,562	3,901	—	3,013	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	510,243	313,152	187,872	60 0	101,751	32 5	506,929	266,976	187,248	70 1	117,507	44 0
Average Weekly Hours	42 8	—	—	—	—	—	40 6	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	6897	438	221	50 5	51	11 6	782	470	275	58 5	60	12 8
Number of Workers	—	438	221	—	51	—	—	470	275	—	60	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	27,147	21,024	10,608	50 5	1,989	9 5	31,425	22,560	13,200	58 5	2,340	10 4
Average Weekly Hours	39 4	—	—	—	—	—	40 1	—	—	—	—	—
Douglas, Chicago												
Total Number of Workers	5,045	3,946	2,630	66 6	1,644	41 7	8,336	4,104	2,736	66 7	1,710	41 7
Number of Workers	—	3,946	2,630	—	1,644	—	—	4,104	2,736	—	1,710	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	253,810	189,408	126,240	66 6	64,116	33 9	350,124	199,992	131,328	65 7	69,000	33 9
Average Weekly Hours	44	—	—	—	—	—	42 0[36]	—	—	—	—	—

Facility	NOVEMBER Actual All Shifts	NOVEMBER Actual First Shift	NOVEMBER Scheduled Second Shift Number	NOVEMBER Scheduled Second Shift % of First	NOVEMBER Scheduled Third Shift Number	NOVEMBER Scheduled Third Shift % of First	DECEMBER Actual All Shifts	DECEMBER Actual First Shift	DECEMBER Scheduled Second Shift Number	DECEMBER Scheduled Second Shift % of First	DECEMBER Scheduled Third Shift Number	DECEMBER Scheduled Third Shift % of First
[illegible]	19,410	11,112	8,715	78 4	75	0 7	[illegible]	[illegible]	8,824	90 6	70	0 6
Total Number of Workers	—	9,752	7,241	—	65	—	—	[illegible]	8,185	—	58	
Number of Workers	—	8	8	—	6	—	—	8	8	—	6 5	
Hours per Day	—	6	6	—	—	—	—	6	6		6	
Days per Week	—	223	233	—	—	—	—	24	126	—	12	
Number of Workers	—	4	4	—	—	—	—	4	4	—	6 5	
Hours per Day	—	6	6	—	—	—	—	6	6	—	7	—
Days per Week	—	1,137	1,241	—	—	—	—	721	513	—	—	—
Number of Workers	—	8	8	—	—	—	—	[illegible]	8	—	—	—
Hours per Day	—	7	7	—	—	—	—	7	7	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	840,671	537,120	422,656	78 7	2,925	0 5	[illegible]15,541	525,584	424,632	80 3	2,508	0 5
Average Weekly Hours	43 3	—	—	—	—	—	40 5	—	—	—	—	—
Consolidated Vultee, Wayne												
Total Number of Workers	728	610	227	37 2	0	0	728	595	155	26 1	0	0
Number of Workers	—	610	227	—	—	—	—	595	155	—	—	—
Hours per Day	—	8	8	—	—	—	—	[illegible]	8	—	—	—
Days per Week	—	6	6	—	—	—	—	[illegible]	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	33,197	29,280	10,896	37 2	0	0	31,199	28,560	7,440	26 1	0	0
Average Weekly Hours	45 6	—	—	—	—	—	43 4	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	22,862	10,715	8,251	77 0	4,231	39 5	22,424	11,432	7,897	69 1	4,036	35 3
Number of Workers	—	10,365	7,901	—	4,231	—	—	10,982	7,447	—	4,036	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	350[35]	350[35]	—	—	—	—	450[35]	450[35]	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	1	1	—	—	—	—	1	1	—	—	—
Number of Workers	—	—	45	—	—	—	—	—	45	—	—	—
Hours per Day	—	—	4	—	—	—	—	—	4	—	—	—
Days per Week	—	—	4	—	—	—	—	—	4	—	—	—
Total Hours	1,005,261	500,320	388,348	77 6	165,009	33 0	932,754	530,736	369,156	69 6	157,404	29 7
Average Weekly Hours	44 0	—	—	—	—	—	41 6	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	12,574	5,619	3,947	70 2	3,008	53 5	12,810	5 825	3,984	68 4	3,001	51 5
Number of Workers	—	5,619	3,947	—	3,008	—	—	5,825	3,984	—	3,001	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	527,449	269,712	189,456	70 2	117,312	43 5	515,118	279,600	191,232	68 4	117,039	41 9
Average Weekly Hours	41 9	—	—	—	—	—	40 2	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	916	580	310	53 4	30	5 2	1,022	805	360	44 7	35	4 3
Number of Workers	—	580	310	—	30	—	—	805	360	—	35	
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	42,189	27,840	14,880	53 4	1,170	4 2	44,960	38,240	17,280	44 7	1,365	3 5
Average Weekly Hours	46 1	—	—	—	—	—	44 0	—	—	—	—	—
Douglas, Chicago												
Total Number of Workers	8,412	4,207	2,804	66 7	1,753	41 7	7,534	3,534	2,521	71 7	1,604	45 4
Number of Workers	—	4,207	2,804	—	1,753	—	—	814	2,521	—	1,604	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	377,001	201,960	134,592	66 7	68,760	33 9	324,240	168,672	121,008	71 7	62,556	37 1
Average Weekly Hours	44 8	—	—	—	—	—	43 0	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, El Segundo																		
Total Number of Workers	8,901	3,541	2,987	84 2	2,562	72 4	8,320	3,274	2,894	88 4	2,348	71 7	7,548	3,013	2,592	86 0	2,275	75 5
Number of Workers	——	3,541	2,979	——	2,562	——	——	3,274	2,730	——	2,348	——	——	2,992	2,433	——	2,275	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	208[37]	——	——	——	——	——	164[37]	——	——	——	——	213[37]	158[37]	——	——	——
Hours per Day	——	——	4	——	——	——	——	——	4	——	——	——	——	4	4	——	——	——
Days per Week	——	——	6	——	——	——	——	——	6	——	——	——	——	6	6	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	381,256	169,968	145,584	85 7	99,918	58 8	359,500	157,152	134,976	85 9	91,572	58 3	323,900	144,120	120,600	83 7	88,725	61 6
Average Weekly Hours	42 8	——	——	——	——	——	43 1	——	——	——	——	——	42 9	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	20,487	9,681	7,902	81 6	3,712	38 3	20,047	9,417	8,075	85 7	3,781	40 2	19,501	9,064	7,706	85 0	3,697	40 8
Number of Workers	——	9,297	7,524	——	3,712	——	——	8,941	7,537	——	3,781	——	——	8,568	7,179	——	3,696	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	384	378	——	——	——	——	476	538	——	——	——	——	496	527	——	1	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	4	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——
Total Hours	923,732	455,472	370,224	81 3	144,768	31 8	887,051	440,592	374,688	85 0	147,459	33 5	866,341	423,168	357,240	84 4	144,168	34 1
Average Weekly Hours	45 1	——	——	——	——	——	44 2	——	——	——	——	——	44 5	——	——	——	——	——
Douglas, Oklahoma																		
Total Number of Workers	9,507	3,999	3,548	88 7	1,960	49 0	10,402	4,236	3,839	90 6	2,327	54 9	10,729	4,410	4,068	92 2	2,251	51 0
Number of Workers	——	3,999	3,548	——	1,960	——	——	4,236	3,839	——	2,327	——	——	4,410	4,068	——	2,251	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	447,263	191,952	170,304	88 7	76,440	39 8	474,097	203,328	184,272	90 6	90,753	44 6	501,918	211,680	195,264	92 2	87,789	41 5
Average Weekly Hours	47 0	——	——	——	——	——	45 6	——	——	——	——	——	46.8	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	15,729	6,549	5,067	77 4	5,021	76 7	15,048	6,281	4,886	77 8	4,731	75 3	13,691	5,509	4,406	80 0	4,498	81 6
Number of Workers	——	6,549	5,067	——	5,021	——	——	6,281	4,886	——	4,731	——	——	5,509	4,406	——	4,498	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	693,312	314,352	243,216	77 4	195,519	62 3	686,935	301,488	234,528	77 8	184,509	61 2	589,088	264,432	211,488	80 0	175,422	66 3
Average Weekly Hours	44 1	——	——	——	——	——	45 6	——	——	——	——	——	43 0	——	——	——	——	——
Douglas, Tulsa																		
Total Number of Workers	7,478	3,077	2,549	82 8	1,986	64 5	9,039	3,570	3,036	85 0	2,637	73 9	9,434	3,759	3,141	83 6	2,841	75 6
Number of Workers	——	3,068	2,537	——	1,984	——	——	3,569	3,035	——	2,635	——	——	3,758	3,138	——	2,838	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	8	11	——	1	——	——	1	1	——	1	——	——	1	3	——	2	——
Hours per Day	——	10	10	——	7	——	——	9	9	——	7 5	——	——	9	9	——	7 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1	1	——	1	——	——	——	——	——	1	——	——	——	——	——	1	——
Hours per Day	——	8 5	8 5	——	7 5	——	——	——	——	——	11 5	——	——	——	——	——	11 5	——
Days per Week	——	6	6	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——
Total Hours	357,945	147,795	122,487	82 9	77,463	52 4	404,441	171,366	145,734	85 0	102,870	60 0	438,442	180,438	150,786	83 6	110,541	61 4
Average Weekly Hours	47 9	——	——	——	——	——	44 7	——	——	——	——	——	46 5	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, El Segundo																		
Total Number of Workers	7,158	2,916	2,361	81 0	2,126	72 9	7,548	3,096	2,570	83 0	2,226	71 9	7,274	2,964	2,436	82 2	2,046	69 0
Number of Workers	——	2,901	2,159	——	2,126	——	——	3,084	2,338	——	2,226	——	——	2,953	2,261	——	2,046	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	15[37]	202[37]	——	——	——	——	12[37]	232[37]	——	——	——	——	11[37]	175[37]	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	307,860	139,608	108,480	77 7	82,914	59 4	341,132	148,320	117,792	79 4	86,814	58 5	314,366	142,708	112,728	79 4	79,794	55 9
Average Weekly Hours	43 0	——	——	——	——	——	44 6	——	——	——	——	——	43 2	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	18,764	8,757	7,304	83 4	3,520	40 2	19,296	9,040	7,500	83 0	3,478	38 5	19,577	9,082	7,586	83 5	3,536	38 9
Number of Workers	——	8,064	6,527	——	3,520	——	——	8,123	6,519	——	3,478	——	——	8,112	6,468	——	3,536	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	693	777	——	——	——	——	917	981	——	——	——	——	970	1,118	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	804,908	403,704	331,944	82 2	137,280	34 0	815,377	411,912	336,456	81 7	135,642	32 9	819,065	412,656	337,296	81 7	137,904	33 4
Average Weekly Hours	42.9	——	——	——	——	——	42 3	——	——	——	——	——	41 8	——	——	——	——	——
Douglas, Oklahoma																		
Total Number of Workers	12,071	4,806	4,601	95.7	2,664	55 4	12,339	4,941	4,777	96 7	2,621	53 0	11,632	4,766	4,516	94 8	2,350	49 3
Number of Workers	——	4,278	4,074	——	2,664	——	——	4,351	4,174	——	2,621	——	——	4,195	3,952	——	2,350	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	528	527	——	——	——	——	590	603	——	——	——	——	571	564	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	552,438	233,856	224,010	95.8	103,896	44 4	562,318	240,708	232,914	96 8	102,219	42 5	508,196	232,194	220,152	94 8	91,650	39 5
Average Weekly Hours	45 8	——	——	——	——	——	45.6	——	——	——	——	——	43 7	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	14,902	5,605	4,543	81 1	4,432	79 1	13,464	5,250	4,166	79 4	3,773	71 9	13,320	5,581	4,580	82 1	3,011	54 0
Number of Workers	——	5,605	3,983	——	4,432	——	——	5,250	3,602	——	3,773	——	——	5,581	4,371	——	3,011	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	560	——	——	——	——	——	564	——	——	——	——	——	409	——	——	——
Hours per Day	——	——	4	——	——	——	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	584,739	269,040	204,624	76.1	172,848	64 2	578,935	252,000	186,432	74 0	147,147	58 4	572,740	267,858	210,024	78 4	117,429	43 8
Average Weekly Hours	39 2	——	——	——	——	——	43 0	——	——	——	——	——	43 0	——	——	——	——	——
Douglas, Tulsa																		
Total Number of Workers	9,455	3,744	3,244	86 6	2,730	72 9	7,895	3,194	2,690	84 2	2,257	70 7	5,742	2,606	2,173	83 4	1,188	45 6
Number of Workers	——	3,738	3,243	——	2,729	——	——	3,194	2,690	——	2,257	——	——	2,606	2,173	——	1,188	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	6	1	——	1	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	7 5	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	443,926	179,748	155,718	86 6	106,476	59 2	349,232	153,312	126,120	84 2	88,023	57 4	265,759	125,088	104,324	83 4	46,332	37 0
Average Weekly Hours	47 0	——	——	——	——	——	44 7	——	——	——	——	——	46 3	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

	JULY						AUGUST						SEPTEMBER						OCTOBER						NOVEMBER						DECEMBER					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Buffalo, Tonawanda																																				
Total Number of Workers	8,249	2,929	2,822	[illegible]	[illegible]	91 6	8,372	3,835	3,723	97 1	1,153	30 1	8,370	4,292	3,842	89 5	435	10 1	8,854	4,448	4,316	97 0	226	5 1	9,212	4,724	4,339	91 9	230	4 9	8,859	4,459	4,410	94 7	227	4 9
Number of Workers	——	2,899	2,824	——	[illegible]	——	——	——	3,618	——	1,135	——	——	——	3,746	——	435	——	——	——	4,194	——	226	——	——	——	4,223	——	230	——	——	——	4,369	4,267	——	227	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	30	30	—	15	——	——	——	21	—	18	——	——	——	7	——	—	——	——	——	8	——	—	——	——	——	116	——	——	——	——	39	9	——	——	——
Hours per Day	——	8	8	—	8	——	——	——	8	——	8	——	——	——	8	——	—	——	——	——	8	——	—	——	——	——	9	——	——	——	——	8	8	——	——	——
Days per Week	——	7	7	—	7	——	——	——	7	—	7	——	——	——	7	——	—	——	——	——	7	——	—	——	——	——	6	——	——	——	——	7	7	——	——	——
Number of Hours	——	——	——	——	——	——	——	——	84	——	——	——	——	——	59	——	—	——	——	——	114	——	—	——	——	——	——	——	——	——	——	260	134	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	9	——	——	——	——	——	9	——	—	——	——	——	9	——	—	——	——	——	——	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	——	6	——	——	——	——	——	5 89	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	395,443	140,832	135,568	96 3	128,904	91 5	394,114	185,297	179,376	96 8	55,488	29 9	410,528	207,033	184,018	89 3	20,880	10 1	421,515	214,778	207,916	96 8	10,848	5 1	420,785	228,008	208,968	91 6	11,040	4 8	407,913	225,504	212,556	94 3	10,896	4 8
Average Weekly Hours	47 9	——	——	——	——	——	47 1	——	——	——	——	——	49 0	——	——	——	——	——	47 6	——	——	——	——	——	45 7	——	——	——	——	——	45 1	——	——	——	——	——
Eastern, Trenton																																				
Total Number of Workers	9,972	4,934	4,022	81 5	1,133	23 0	10,785	5,378	4,577	85 1	1,235	23 0	11,981	5,801	4,980	85 8	1,426	24 6	14,198	6,652	5,947	89 4	1,597	24 0	14,988	7,046	6,385	90 6	1,751	24 9	14,811	7,117	5,411	90 1	1,552	21 8
Number of Workers	——	4,566	3,891	—	971	——	——	4,872	4,091	—	971	——	——	——	——	——	——	——	——	5,959	5,380	——	1,219	——	——	——	——	——	——	——	——	6,702	6,115	——	1,313	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	368	221	——	157	——	——	506	486	——	264	——	——	——	——	——	——	——	——	693	567	——	378	——	——	——	——	——	——	——	——	415	296	——	237	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	——	——	——	——	——	——	8	8	——	8	——	——	——	——	——	——	——	——	8	8	——	8	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	——	——	——	——	——	——	7	7	——	7	——	——	——	——	——	——	——	——	7	7	——	7	——
Total Hours	455,800	239,776	194,824	81 3	55,640	23 2	494,400	262,192	223,584	85 3	61,392	23 4	600,087	301,635	261,012	86 5	71,668	23 8	685,464	324,840	289,992	89 3	79,680	24 5	696,143	346,472	314,028	90 6	86,174	24 9	641,260	344,936	310,096	89 9	76,296	22 1
Average Weekly Hours	45 7	——	——	——	——	——	45 8	——	——	——	——	——	50 1	——	——	——	——	——	48 5	——	——	——	——	——	46 4	——	——	——	——	——	43 9	——	——	——	——	——
Fairchild, Burlington																																				
Total Number of Workers	634	466	168	36 1	0	0	746	408	338	82 8	0	0	725	435	290	66 7	0	0	806	500	301	60 2	0	0	823	491	328	66 8	4	0 8	833	509	323	63 5	1	0 2
Number of Workers	——	466	168	——	——	——	——	408	338	——	——	——	——	435	290	——	——	——	——	500	301	——	——	——	——	491	328	——	4	——	——	509	323	——	1	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	26,372	22,368	3,664	36 1	0	0	33,834	19,584	16,224	82 8	0	0	34,597	20,880	13,920	66 7	0	0	37,613	24,000	14,448	60 2	0	0	37,752	23,568	15,744	66 8	192	0 8	40,922	24,432	15,504	63 5	48	0 2
Average Weekly Hours	41 6	——	——	——	——	——	45 4	——	——	——	——	——	47 7	——	——	——	——	——	46 7	——	——	——	——	——	45 9	——	——	——	——	——	49 1	——	——	——	——	——
Fairchild, Hagerstown																																				
Total Number of Workers	3,596[28]	2,042	1,376	67 4	178	8 7	3,562	2,187	1,226	56 1	149	6 8	3,640	2,250[28]	1,250[28]	55 6	125[28]	5 6	3,762	2,275[28]	1,325[28]	58 2	125[28]	5 5	3,789	2,250[28]	1,350[28]	54 0	150[28]	6 0	3,691	2,200[28]	1,500[28]	68 2	200[28]	9 1
Number of Workers	——	2,042	1,376	——	178	——	——	2,187	1,226	——	149	——	——	2,250[28]	1,250[28]	——	125[28]	——	——	2,275[28]	1,325[28]	——	125[28]	——	——	2,250[28]	1,350[28]	——	150[28]	——	——	2,200[28]	1,500[28]	——	200[28]	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8[28]	8[28]	——	6 5[28]	——	——	8[28]	8[28]	——	6 5[28]	——	——	8[28]	8[28]	——	6 5[28]	——	——	8[28]	8[28]	——	6 5[28]	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6[28]	6[28]	——	6[28]	——	——	6[28]	6[28]	——	6[28]	——	——	6[28]	6[28]	——	6[28]	——	——	6[28]	6[28]	——	6[28]	——
Total Hours	150,796	98,016	66,048	67 4	6,942	7 1	154,980	104,976	58,848	56 1	5,811	5 5	172,245	108,000[28]	60,000[28]	55 6	4,875[28]	4 5	177,370	109,200[28]	63,600[28]	58 2	4,875[28]	4 5	177,442	120,000[28]	64,800[28]	54 0	5,850[28]	4 9	163,164	105,600	72,000[28]	68 2	7,800[28]	7 4
Average Weekly Hours	41 9	——	——	——	——	——	43 5	——	——	——	——	——	47 3	——	——	——	——	——	47 1	——	——	——	——	——	46 8	——	——	——	——	——	44 2	——	——	——	——	——
Fisher Body, Cleveland																																				
Total Number of Workers	1,216	846	386	45 6	0	0	1,474	948	559	59 0	0	0	1,461	903	573	63 5	0	0	1,626	925	701	75 8	0	0	1,610	925	705	76 2	0	0	1,709	1,000	733	73 3	0	0
Number of Workers	——	846	386	—	——	——	——	948	559	——	——	——	——	903	573	——	——	——	——	925	701	——	——	——	——	925	705	——	——	——	——	1,000	733	——	——	——
Hours per Day	——	8	8	—	——	——	——	8	8	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours[29]	41,438	40,608	18,528	45 6	0	0	56,344	45,504	26,832	59 0	0	0	57,881	48,762	30,942	63 5	0	0	80,748	49,950	37,854	75 8	0	0	80,346	49,950	38,070	76 2	0	0	83,117	54,000	39,582	73 3	0	0
Average Weekly Hours	34 1	——	——	——	——	——	38 2	——	——	——	——	——	39 6	——	——	——	——	——	49 7	——	——	——	——	——	49 9	——	——	——	——	——	46 6	——	——	——	——	——
Fleetwings, Bristol																																				
Total Number of Workers	2,576	1,957	865	44 2	0	0	2,595	2,016	874	43 4	1	0	2,820	2,081	943	45 3	1	0																		
Number of Workers	——	1,957	865	—	——	——	——	2,016	874	—	1	——	——	2,081	943	—	1	——																		
Hours per Day	——	9	9	—	——	——	——	9	9	——	9	——	——	9	9	—	9	——																		
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——																		
Total Hours	143,422	105,678	46,710	44 2	0	0	131,283	108,864	47,190	43 4	54	0	143,618	112,374	50,922	45 3	54	0																		
Average Weekly Hours	55 7	——	——	——	——	——	50 6	——	——	——	——	——	50 9	——	——	——	——	——																		
Ford, W Bow Run																																				
Total Number of Workers	19,979	13,459	6,094	45 3	484	3 6	19,036	12,589	9,433	74 9	539	4 3	21,011	11,789	8,834	74 9	505	4 3	22,081	10,816	8,776	81 1	505	4 7	21,785	10,388	8,302	79 9	486	4 7	25,838	9,726	8,257	84 9	367	3 8
Number of Workers	——	13,459	6,094	——	484	——	——	12,589	9,433	——	539	——	——	11,789	8,834	—	505	——	——	10,816	8,776	——	505	——	——	10,388	8,302	——	486	——	——	9,726	8,257	—	367	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	976,374	726,786	345,978	75	[illegible]	3 6	968,265	679,809	509,382	74 9	29,106	4 3	1,032,080	836,886	477,040	74 9	27,270	4 3	900,231	584,064	473,804	81 1	27,270	4 7	840,313	561,442	435,278	84 8	26,244	4 7	[illegible]	[illegible]	445,878	84 9	19,818	3 8
Average Weekly Hours	45 9	——	——	——	——	——	50 9	——	——	——	——	——	48 4	——	——	——	——	——	40 [illegible]	——	——	——	——	——	38 6	——	——	——	——	——	[illegible]	——	——	——	——	——

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TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY — Actual: All Shifts	JULY — Actual: First Shift	JULY — Scheduled: Second Shift Number	JULY — Scheduled: Second Shift % of First	JULY — Scheduled: Third Shift Number	JULY — Scheduled: Third Shift % of First	AUGUST — Actual: All Shifts	AUGUST — Actual: First Shift	AUGUST — Scheduled: Second Shift Number	AUGUST — Scheduled: Second Shift % of First	AUGUST — Scheduled: Third Shift Number	AUGUST — Scheduled: Third Shift % of First	SEPTEMBER — Actual: All Shifts	SEPTEMBER — Actual: First Shift	SEPTEMBER — Scheduled: Second Shift Number	SEPTEMBER — Scheduled: Second Shift % of First	SEPTEMBER — Scheduled: Third Shift Number	SEPTEMBER — Scheduled: Third Shift % of First	OCTOBER — Actual: All Shifts	OCTOBER — Actual: First Shift	OCTOBER — Scheduled: Second Shift Number	OCTOBER — Scheduled: Second Shift % of First	OCTOBER — Scheduled: Third Shift Number	OCTOBER — Scheduled: Third Shift % of First	NOVEMBER — Actual: All Shifts	NOVEMBER — Actual: First Shift	NOVEMBER — Scheduled: Second Shift Number	NOVEMBER — Scheduled: Second Shift % of First	NOVEMBER — Scheduled: Third Shift Number	NOVEMBER — Scheduled: Third Shift % of First	DECEMBER — Actual: All Shifts	DECEMBER — Actual: First Shift	DECEMBER — Scheduled: Second Shift Number	DECEMBER — Scheduled: Second Shift % of First	DECEMBER — Scheduled: Third Shift Number	DECEMBER — Scheduled: Third Shift % of First
Globe, Ft. Worth																																		
Total Number of Workers	765	535	230	43 0	0	0	844	580	264	45 5	0	0	903	692	211	30 5	0	0	1,194	930	264	28 4	0	0	987	746	241	32 3	0	0	978	735	243	33 1	0	0
Number of Workers	——	535	230	——	——	——	——	580	264	——	——	——	——	692	211	——	——	——	——	930	264	——	——	——	——	746	241	——	——	——	——	735	243	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	5	5	——	——	——
Total Hours	36,187	25,680	11,040	43 0	0	0	40,563	27,840	12,672	45 5	0	0	42,302	33,216	10,128	30 5	0	0	56,715	44,640	12,672	28 4	0	0	46,736	35,808	11,568	32 3	0	0	35,706	33,075	10,935	33 1	0	0
Average Weekly Hours	47 3	——	——	——	——	——	48 1	——	——	——	——	——	46 8	——	——	——	——	——	47 5	——	——	——	——	——	47 4	——	——	——	——	——	36 5	——	——	——	——	——
Goodyear, Akron																																		
Total Number of Workers	16,912	6,800	5,400	79 4	4,800	70 6	15,953	6,800	5,200	76 5	4,400	64 7	15,866	6,800	5,200	76 5	4,400	64 7	15,880	6,800	5,200	76 5	4,400	64 7	15,383	7,150	5,300	74 1	3,600	50 3	14,881	7,150	5,300	74 1	3,600	50 3
Number of Workers	——	6,800	5,400	——	4,800	——	——	6,800	5,200	——	4,400	——	——	6,800	5,200	——	4,400	——	——	6,800	5,200	——	4,400	——	——	7,150	5,300	——	3,600	——	——	7,150	5,300	——	3,600	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	703,484	326,400	259,200	79 4	187,200	57 4	687,705	326,400	249,600	76 5	171,600	52 6	693,529	326,400	249,600	76.5	171,600	52 6	704,808	326,400	249,600	76 5	171,600	52 6	688,782	343,200	254,400	74 1	140,400	40 9	668,931	343,200	254,400	74 1	140,400	40 9
Average Weekly Hours	41 6	——	——	——	——	——	43 1	——	——	——	——	——	43 7	——	——	——	——	——	44 4	——	——	——	——	——	44 8	——	——	——	——	——	45 0	——	——	——	——	——
Grumman, Beth Page																																		
Total Number of Workers	17,480	13,528	3,703	27 4	0	0	18,024	14,070	3,926	27 9	0	0	17,660	13,584	3,974	29 3	0	0	17,613	13,603	3,970	29 2	0	0	17,062	13,114	3,720	28 4	0	0	16,621	12,796	3,755	29 3	0	0
Number of Workers	——	8,709	2,703	——	——	——	——	9,850	2,620	——	——	——	——	9,206	2,486	——	——	——	——	9,210	2,494	——	——	——	——	8,907	2,345	——	——	——	——	8,534	2,381	——	——	——
Hours per Day	——	9 8	9.8	——	——	——	——	9 8	9.8	——	——	——	——	9.8	9.8	——	——	——	——	9 8	9.8	——	——	——	——	9 8	9 8	——	——	——	——	9 8	9 8	——	——	——
Days per Week	——	5 8	5 8	——	——	——	——	5 8	5 8	——	——	——	——	5.8	5 8	——	——	——	——	5 8	5.8	——	——	——	——	5.5	5 8	——	——	——	——	5 8	5 8	——	——	——
Number of Workers	——	4,219	1,000	——	——	——	——	4,220	1,306	——	——	——	——	4,378	1,488	——	——	——	——	4,393	1,476	——	——	——	——	4,207	1,375	——	——	——	——	4,262	1,374	——	——	——
Hours per Day	——	9.8	9 8	——	——	——	——	9.8	9 8	——	——	——	——	9.8	9 8	——	——	——	——	9.8	9.8	——	——	——	——	9 8	9 8	——	——	——	——	9 8	9 8	——	——	——
Days per Week	——	5 3	5 3	——	——	——	——	5.3	5.3	——	——	——	——	5 3	5.3	——	——	——	——	5.3	5.3	——	——	——	——	5.3	5.3	——	——	——	——	5.3	5 3	——	——	——
Number of Workers	——	600	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9 6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5 0	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	868,014	742,955	205,579	27 7	0	0	882,040	779,061	216,754	27.8	0	0	888,158	750,662	218,591	29.1	0	0	895,690	751,669	218,422	29 1	0	0	896,953	724,785	204,707	28 2	0	0	844,817	706,441	206,702	29 3	0	0
Average Weekly Hours	49 7	——	——	——	——	——	48 9	——	——	——	——	——	50.3	——	——	——	——	——	50 9	——	——	——	——	——	52 6	——	——	——	——	——	50 S	——	——	——	——	——
Higgins, New Orleans																																		
Total Number of Workers	257	246	0	0	0	0	313	313	0	0	0	0	374	374	0	0	0	0	590	590	0	0	0	0	642	480	122	25 4	0	0	510	361	124	34 3	0	0
Number of Workers	——	246	——	——	——	——	——	313	——	——	——	——	——	374	——	——	——	——	——	590	——	——	——	——	——	480	122	——	——	——	——	361	124	——	——	——
Hours per Day	——	8 75	——	——	——	——	——	8.75	——	——	——	——	——	8 75	——	——	——	——	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5 5	——	——	——	——	——	5	——	——	——	——	——	5.48	——	——	——	——	——	6	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	4.25	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	1	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	11,587	11,839	0	0	0	0	13,637	15,024	0	0	0	0	16,434	17,933	0	0	0	0	25,971	28,320	0	0	0	0	28,895	23,040	5,856	25 4	0	0	24,461	17,328	5,952	34 3	0	0
Average Weekly Hours	45.1	——	——	——	——	——	43 6	——	——	——	——	——	43.9	——	——	——	——	——	44 0	——	——	——	——	——	45.0	——	——	——	——	——	48 0	——	——	——	——	——
Howard, Chicago																																		
Total Number of Workers	1,013	720	334	46 4	0	0	997	706	311	44.1	0	0	1,176	806	304	37 7	13	1 6	1,199	795	433	54 5	13	1 6	1,239	822	451	54 9	12	1 5	1,116	810	437	54 0	12	1 5
Number of Workers	——	720	334	——	——	——	——	192	86	——	——	——	——	806	304	——	13	——	——	795	433	——	13	——	——	822	451	——	12	——	——	810	437	——	12	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	514	225	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	39,228	34,560	16,032	46 4	0	0	51,026	40,056	17,628	44 0	0	0	44,326	38,688	14,592	37 7	624	1 6	47,698	38,160	20,784	54 5	624	1 6	53,018	39,856	21,648	54 3	576	1 4	42,020	38,880	20,976	54 0	576	1 5
Average Weekly Hours	38 7	——	——	——	——	——	51 2	——	——	——	——	——	37.7	——	——	——	——	——	40 0	——	——	——	——	——	42 8	——	——	——	——	——	37 7	——	——	——	——	——
Interstate, El Segundo																																		
Total Number of Workers	126	131	0	0	0	0	38	38	0	0	0	0	16	17	0	0	0	0	4	4	0	0	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	131	——	——	——	——	——	38	——	——	——	——	——	17	——	——	——	——	——	4	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	5,857	6,288	0	0	0	0	1,777	1,824	0	0	0	0	662	816	0	0	0	0	173	192	0	0	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	46 5	——	——	——	——	——	46 8	——	——	——	——	——	41 4	——	——	——	——	——	43.3	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Kearny, Inc., Philadelphia																																		
Total Number of Workers	1,421	696	379	54 5	346	49 7							1,726	810	505	62 3	411	50 7	1,702	811	507	62 5	384	47 3	1,653	833	457	54 9	363	43 6	1,567	740	436	58 9	391	52 S
Number of Workers	——	572	285	——	313	——							——	675	446	——	408	——	——	694	449	——	374	——	——	697	424	——	335	——	——	628	340	——	391	——
Hours per Day	——	8	7 5	——	7	——							——	8	7 5	——	7	——	——	8	7 5	——	7	——	——	8	7 5	——	7	——	——	8	7 5	——	7	——
Days per Week	——	6	6	——	6	——							——	6	6	——	6	——	——	6	6	——	6	——	——	6	5	——	6	——	——	6	6	——	6	——
Number of Workers	——	124	94	——	33	——							——	135	59	——	30	——	——	117	58	——	30	——	——	136	33	——	29	——	——	112	56	——	——	——
Hours per Day	——	8	7 5	——	7	——							——	8	7 5	——	7	——	——	8	7 5	——	7	——	——	8	7 5	——	7	——	——	8	7 5	——	7	——
Days per Week	——	7	7	——	7	——							——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	64,928	34,400	17,760	51 6	14,768	43 9							76,639	39,960	22,793	57 0	17,283	43 3	78,463	39,584	23,250	58 3	16,198	40 6	73,698	41,072	20,813	50 7	15,442	37 6	69,416	39,040	19,422	45 1		
Average Weekly Hours	45 7	——	——	——	——	——							44 4	——	——	——	——	——	44 9	——	——	——	——	——	44 6	——	——	——	——	——	44 3	——	——	——	——	——

NA

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Lockheed, Burbank (B)																		
Total Number of Workers	21,774	10,104	7,495	74 2	4,759	47 1	21,124	9,683	7,358	76.0	4,726	48 8	20,033	8,707	6,898	79.2	4,814	55 3
Number of Workers	——	10,104	7,495	——	4,759	——	——	9,683	7,358	——	4,726	——	——	8,707	6,898	——	4,814	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	862,327	484,992	359,760	74 2	155,601	38 3	827,045	464,784	353,184	76 0	184,314	39 7	804,685	417,936	331,104	79 2	187,746	44 9
Average Weekly Hours	39 6	——	——	——	——	——	39 2	——	——	——	——	——	40 2	——	——	——	——	——
Lockheed, Burbank, A (Vega)																		
Total Number of Workers	19,609	10,343	6,653	64 3	3,510	33 9	19,854	10,143	7,002	69.0	3,441	33 9	17,889	9,195	6,309	68 6	3,279	35 7
Number of Workers	——	10,343	6,653	——	3,510	——	——	10,143	7,002	——	3,441	——	——	8,791	5,703	——	3,279	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	404	606	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	4	4	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	892,210	496,464	319,344	64 3	136,890	27 6	883,503	486,864	336,096	69.0	134,199	27 6	732,758	431,664	288,288	66 8	127,881	29.6
Average Weekly Hours	45 5	——	——	——	——	——	44 5	——	——	——	——	——	41.0	——	——	——	——	——
Martin, Baltimore																		
Total Number of Workers	17,566	9,280	6,137	66.1	2,682	28 9	16,778	9,213	6,051	65.7	2,106	22 9	17,658	10,270	7,445	72 5	237	2.3
Number of Workers	——	9,280	6,137	——	2,682	——	——	9,213	6,051	——	2,106	——	——	10,270	7,228	——	237	——
Hours per Day	——	7 66	6.92	——	6.92	——	——	7 66	6.92	——	6 92	——	——	7.66	7 66	——	6.92	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	217	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6 92	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	——	——	——
Total Hours	755,859	426,509	254,808	59 7	111,357	26.1	695,771	423,429	251,238	59.3	87,441	20.7	782,893	472,009	341,209	72.3	9,840	2 1
Average Weekly Hours	43.0	——	——	——	——	——	41 5	——	——	——	——	——	44 3	——	——	——	——	——
Martin, Omaha																		
Total Number of Workers	4,718	2,053	1,503	73 2	1,145	55.8	4,785	2,177	1,599	73 4	1,049	48.2	4,910	2,275	1,678	73.8	1,064	46.8
Number of Workers	——	2,053	1,503	——	1,145	——	——	2,177	1,599	——	1,049	——	——	2,275	1,678	——	1,064	——
Hours per Day	——	8	7 25	——	7 25	——	——	8	7.25	——	7.25	——	——	8	7 25	——	7 25	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	212,296	98,544	65,381	66 3	49,808	50 5	246,493	104,496	69,557	66.6	45,632	43.7	227,131	109,200	72,993	66.8	46,224	42.4
Average Weekly Hours	45.0	——	——	——	——	——	51.5	——	——	——	——	——	46.3	——	——	——	——	——
McDonnell, Memphis																		
Total Number of Workers	NR	25	0	0	0	0							13	42	0	0	0	0
Number of Workers	——	25	——	——	——	——							——	42	——	——	——	——
Hours per Day	——	8	——	——	——	——							——	——	——	——	——	——
Days per Week	——	6	——	——	——	——							——	——	——	——	——	——
Total Hours	NR	1,200	0	0	0	0		NR					612	1,996	0	0	0	0
Average Weekly Hours	NR	——	——	——	——	——							47.1	——	——	——	——	——
Naval, Philadelphia[4]																		
Total Number of Workers	2,150	1,329	451	33 9	473	35 6	1,990	985	712	72 3	128	13 0	1,353	988	790	80 0	0	0
Number of Workers	——	851	320	——	350	——	——	601	527	——	99	——	——	178	790	——	——	——
Hours per Day	——	8	7 75	——	7 75	——	——	8	7 75	——	7 75	——	——	8	9	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	——	——
Number of Workers	——	133	32	——	123	——	——	187	157	——	29	——	——	810	——	——	——	——
Hours per Day	——	9	9 75	——	9 75	——	——	9	9 75	——	8 75	——	——	9	——	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	——	——	——	——
Number of Workers	——	345	99	——	——	——	——	197	28	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	8 75	——	——	——	——	10	8 75	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——
Total Hours	96,130	68,730	21,950	31 9	23,471	34 1	89,537	50,766	35,160	69 3	6,126	12 1	71,843	52,284	42,050	81 6	0	0
Average Weekly Hours	44 7	——	——	——	——	——	45 1	——	——	——	——	——	53 1	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Lockheed, Burbank (B)																		
Total Number of Workers	20,375	8,604	6,800	79.0	5,206	60.5	21,844	9,012	72,57	80.5	5,761	63 9	21,330	8,752	7,266	83.0	5,540	63 3
Number of Workers	——	8,604	6,800	——	5,206	——	——	9,012	7,257	——	5,761	——	——	8,752	7,266	——	5,540	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	857,295	412,992	326,400	79 0	203,034	49.2	911,318	432,576	348,336	80.5	224,679	51 9	861,153	420,096	348,768	83.0	216,060	51 4
Average Weekly Hours	42.1	——	——	——	——	——	41.7	——	——	——	——	——	40 4	——	——	——	——	——
Lockheed, Burbank, A (Vega)																		
Total Number of Workers	17,623	9,024	6,149	68 1	3,169	35.1	16,864	9,086	5,723	63.0	2,703	29 7	14,890	8,399	5,413	64.4	1,750	20 8
Number of Workers	——	8,718	5,555	——	3,169	——	——	8,771	5,130	——	2,703	——	——	8,114	5,099	——	1,750	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	306	594	——	——	——	——	315	593	——	——	——	——	285	314	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	703,767	425,808	290,896	66 0	123,591	29 0	663,107	428,568	260,472	60.8	105,417	24 6	581,710	396,312	252,288	63 7	68,250	17.2
Average Weekly Hours	39.9	——	——	——	——	——	39.3	——	——	——	——	——	39 1	——	——	——	——	——
Martin, Baltimore																		
Total Number of Workers	17,321	10,228	7,218	70 6	216	2.1	17,174	10,616	7,251	68.3	56	0 5	17,551	10,861	6,905	63.6	46	0 4
Number of Workers	——	10,228	6,984	——	216	——	——	10,616	7,251	——	56	——	——	10,861	6,905	——	46	——
Hours per Day	——	7.66	7.66	——	6.92	——	——	8.67	8 67	——	8.67	——	——	8 67	8.67	——	8.67	——
Days per Week	——	6	6	——	6	——	——	5.5	5.5	——	5.5	——	——	5 5	5 5	——	5.5	——
Number of Workers	——	——	234	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	6.92	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	792,246	470,079	330,700	70.3	8,968	1.9	792,758	506,224	345,764	68 3	2,670	0.5	803,469	517,907	329,225	63.6	2,194	0 4
Average Weekly Hours	45.7	——	——	——	——	——	46 2	——	——	——	——	——	45 8	——	——	——	——	——
Martin, Omaha																		
Total Number of Workers	5,075	2,421	1,789	73.9	1,053	43 5	4,759	2,170	1,650	76 0	1,053	48 5	4,833	2,410	1,749	72 6	727	30 2
Number of Workers	——	2,421	1,789	——	1,053	——	——	2,170	1,650	——	1,053	——	——	2,410	1,749	——	727	——
Hours per Day	——	8	7.25	——	7.25	——	——	8	7 25	——	7 25	——	——	8	7 25	——	7 25	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	233,985	116,208	77,822	67 0	45,806	39 4	224,188	104,160	71,775	68 9	45,806	44 0	219,558	115,680	76,082	65.8	31,625	27 3
Average Weekly Hours	46 1	——	——	——	——	——	47 1	——	——	——	——	——	45.4	——	——	——	——	——
McDonnell, Memphis																		
Total Number of Workers	27	52	0	0	0	0	74	63	19	30 2	0	0	100	124	25	20 2	0	0
Number of Workers	——	52	——	——	——	——	——	63	19	——	——	——	——	124	25	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	1,302	2,496	0	0	0	0	3,633	3,024	912	30 2	0	0	3,905	5,952	1,200	20.2	0	0
Average Weekly Hours	48 2	——	——	——	——	——	49 1	——	——	——	——	——	39 1	——	——	——	——	——
Naval, Philadelphia[4]																		
Total Number of Workers	1,555	1,083	752	69 4	0	0	1,864	930	621	66 8	0	0	1,750	1,476	414	28.0	0	0
Number of Workers	——	373	300	——	——	——	——	372	248	——	——	——	——	560	235	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	710	452	——	——	——	——	558	373	——	——	——	——	560	179	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	76,208	58,244	38,808	69 0	0	0	90,280	47,988	32,046	66 8	0	0	84,526	57,120	20,946	36 7	0	0
Average Weekly Hours	49 0	——	——	——	——	——	48 4	——	——	——	——	——	48 3	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY — Actual	JULY — Scheduled					AUGUST — Actual	AUGUST — Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas, A												
Total Number of Workers	6,535	3,803	3,028	79.6	0	0	6,043	3,784	2,511	66.4	0	0
Number of Workers	——	3,596	2,933	——	——	——	——	3,678	2,417	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	16	2	——	——	——	——	106	94	——	——	——
Hours per Day	——	9	9	——	——	——	——	10	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	91	93	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	305,311	183,732	146,472	79.7	0	0	294,474	182,904	121,092	66 2	0	0
Average Weekly Hours	46.8	——	——	——	——	——	48.7	——	——	——	——	——
North American, Dallas, B												
Total Number of Workers	5,873	3,575	2,557	71 5	0	0	6,984	3,989	3,285	82.4	0	0
Number of Workers	——	3,575	2,557	——	——	——	——	3,989	3,285	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	278,967	171,600	122,736	71.5	0	0	345,242	191,472	157,680	82.4	0	0
Average Weekly Hours	47.5	——	——	——	——	——	49.4	——	——	——	——	——
North American, Inglewood												
Total Number of Workers	10,987	6,237[39]	4,539[39]	72 8	161[39]	2.6	11,062	6,245[40]	4,537[40]	72.7	150[40]	2.4
Number of Workers	——	——	——	——	161	——	——	——	——	——	150	——
Hours per Day	——	2	2	——	6.5	——	——	2	2	——	6.5	——
Days per Week	——	2	2	——	6	——	——	2	2	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	521,553	323,914	236,347	73.0	6,279	1.9	523,945	315,606	230,477	73.0	5,850	1.9
Average Weekly Hours	47.5	——	——	——	——	——	47.4	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	8,922	4,673	4,294	91.9	48	1.0	9,883	5,165	4,815	93.2	47	0.9
Number of Workers	——	2,116	1,846	——	48	——	——	2,187	1,971	——	47	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2,557	2,448	——	——	——	——	2,978	2,844	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	430,049	239,646	220,800	92 1	2,304	1 0	472,719	265,788	248,184	93.4	1,833	0.7
Average Weekly Hours	48.2	——	——	——	——	——	47.8	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	2,955	1,443	1,172	81 2	646	44 8	3,281	1,591	1,259	79 1	665	41.8
Number of Workers	——	1,443	1,172	——	646	——	——	1,591	1,259	——	665	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	133,554	69,264	56,256	81 2	25,194	36 4	147,101	76,368	60,432	79 1	25,935	34 0
Average Weekly Hours	45.2	——	——	——	——	——	44 8	——	——	——	——	——

FACILITY	SEPTEMBER — Actual	SEPTEMBER — Scheduled					OCTOBER — Actual	OCTOBER — Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas, A												
Total Number of Workers	6,748	3,889	2,487	63 9	0	0	7,661	4,543	3,006	66 2	3	0.1
Number of Workers	——	2,171	1,593	——	——	——	——	2,697	1,799	——	3	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	753	33	——	——	——	——	639	250	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	965	861	——	——	——	——	1,207	957	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	320,634	202,770	129,906	64 1	0	0	379,232	236,382	157,272	66 5	144	0.1
Average Weekly Hours	47.5	——	——	——	——	——	49.5	——	——	——	——	——
North American, Dallas, B												
Total Number of Workers	8,224	4,731	3,499	74.0	0	0	10,364	6,144	4,797	78.1	4	0.1
Number of Workers	——	4,138	3,032	——	——	——	——	2,931	2,298	——	3	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	593	467	——	——	——	——	2,392	1,906	——	1	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	9	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	831	593	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	419,163	234,204	173,556	74.1	0	0	548,258	319,116	248,808	78.0	198	0.1
Average Weekly Hours	51.0	——	——	——	——	——	52.9	——	——	——	——	——
North American, Inglewood												
Total Number of Workers	10,633	6,146[41]	4,426[41]	72.0	133[41]	2.2	10,632	6,149[42]	4,475[42]	72.8	36[42]	0.6
Number of Workers	——	——	——	——	133	——	——	34	2,120	——	36	——
Hours per Day	——	2	2	——	6.5	——	——	8	10	——	6.5	——
Days per Week	——	2	2	——	6	——	——	6	5	——	6	——
Number of Workers	——	——	——	——	——	——	——	3,510	2,301	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	5	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	2,605	154	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	5	——	——	——
Days per Week	——	——	——	——	——	——	——	6	5	——	——	——
Total Hours	507,010	311,752	238,194	76.4	5,187	1.7	524,086	333,432	241,910	72.6	1,404	0.4
Average Weekly Hours	47.7	——	——	——	——	——	49.3	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	11,585	6,125	5,619	91.7	43	0.7	12,623	5,751	6,092	90 2	0	0
Number of Workers	——	266	258	——	43	——	——	5,978	5,428	——	——	——
Hours per Day	——	8	8	——	6.5	——	——	10	10	——	——	——
Days per Week	——	6	6	——	6	——	——	5	5	——	——	——
Number of Workers	——	5,859	5,361	——	——	——	——	773	564	——	——	——
Hours per Day	——	9	9	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	597,589	329,154	301,878	91.7	1,677	0 5	606,971	345,280	311,240	90 1	0	0
Average Weekly Hours	51.6	——	——	——	——	——	48.1	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	3,516	1,658	1,292	77 9	744	44.9	3,589	1,717	1,302	75.8	770	44 8
Number of Workers	——	1,658	1,292	——	744	——	——	1,396	966	——	770	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	386	303	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	5	33	——	——	——
Hours per Day	——	——	——	——	——	——	——	4	4	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	157,339	79,584	62,016	77 9	29,016	36 5	159,538	83,068	62,310	75 0	30,030	36 2
Average Weekly Hours	44 7	——	——	——	——	——	44 5	——	——	——	——	——

FACILITY	NOVEMBER — Actual	NOVEMBER — Scheduled					DECEMBER — Actual	DECEMBER — Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas, A												
Total Number of Workers	6,610	3,932	2,661	67 7	17	0 4	7,130	4,143	2,963	71.5	24	0 6
Number of Workers	——	2,794	1,819	——	17	——	——	2,682	1,179	——	24	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	224	842	——	——	——	——	1,461	1,784	——	——	——
Hours per Day	——	9	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	914	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	330,500	201,048	137,832	68 6	816	0 4	349,513	216,396	163,632	75 6	1,152	0.5
Average Weekly Hours	50.0	——	——	——	——	——	49.0	——	——	——	——	——
North American, Dallas, B												
Total Number of Workers	9,340	5,194	4,137	79 6	0	0	9,230	5,100	4,117	80 7	3	0 1
Number of Workers	——	3,089	2,510	——	——	——	——	3,139	2,663	——	3	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	1,521	1,230	——	——	——	——	1,532	1,302	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	584	397	——	——	——	——	439	152	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	452,990	265,446	210,720	79 4	0	0	417,666	259,200	207,252	80 0	144	0.1
Average Weekly Hours	48.5	——	——	——	——	——	45.3	——	——	——	——	——
North American, Inglewood												
Total Number of Workers	11,147	6,740	4,495	66 7	40	0.6	11,082	6,931	4,202	60.6	33	0.5
Number of Workers	——	3,971	——	——	40	——	——	4,565	2,331	——	33	——
Hours per Day	——	10	2	——	6.5	——	——	10	10	——	6.5	——
Days per Week	——	5	2	——	6	——	——	5	5	——	6	——
Number of Workers	——	2,769	——	——	——	——	——	2,210	1,703	——	——	——
Hours per Day	——	9.66	——	——	——	——	——	9 66	9 66	——	——	——
Days per Week	——	6	——	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	156	168	——	——	——
Hours per Day	——	——	——	——	——	——	——	6 33	5	——	——	——
Days per Week	——	——	——	——	——	——	——	6	5	——	——	——
Total Hours	548,432	359,041	232,816	64 8	1,560	0.4	533,377	362,967	224,496	62 0	1,287	0.4
Average Weekly Hours	49.2	——	——	——	——	——	48.1	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	12,246	6,473	5,773	89 2	0	0	11,165	5,796	5,370	92 7	0	0
Number of Workers	——	5,251	4,859	——	——	——	——	4,945	4,741	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	1,222	914	——	——	——	——	850	629	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	586,000	335,870	297,790	88 7	0	0	525,871	298,350	274,790	92.1	0	0
Average Weekly Hours	47.9	——	——	——	——	——	47.1	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	3,466	2,016	1,601	79 4	18	0 9	2,987	1,683	1,312	78.0	15	0.9
Number of Workers	——	50	30	——	18	——	——	32	26	——	15	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,931	1,571	——	——	——	——	1,648	1,287	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	35	——	——	——	——	——	2	29	——	——	——
Hours per Day	——	4	——	——	——	——	——	4	4	——	——	——
Days per Week	——	5	——	——	——	——	——	5	5	——	——	——
Total Hours	170,102	99,650	70,990	80 5	702	0 7	137,571	83,076	64,678	77 0	720	0 9
Average Weekly Hours	49 1	——	——	——	——	——	46.1	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Piper, Lockhaven	913	548	365	66 6	—	—	971	638	333	52 2	—	—	958	617	341	55.3	—	—
Total Number of Workers	—	548	365	—	—	—	—	638	333	—	—	—	—	617	341	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	10[42]	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	5	—	—	—	—	6	4[42]	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8[42]	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1[42]	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	40,396	26,304	17,520	66 6	0	0	42,672	30,624	13,320	43.5	0	0	42,168	29,616	16,368	55.3	0	0
Average Weekly Hours	44 2	—	—	—	—	—	43.9	—	—	—	—	—	44.0	—	—	—	—	—
Republic, Evansville	3,607	2,357	1,620	68 7	0	0	2,744	2,024	1,034	51.1	0	0	2,907	1,816	1,267	69.8	0	0
Total Number of Workers	—	2,357	1,620	—	—	—	—	2,024	1,034	—	—	—	—	1,816	1,267	—	—	—
Number of Workers	—	9.8[41]	9.8[41]	—	—	—	—	9.66[41]	9 66[41]	—	—	—	—	9.66[41]	9 66[41]	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	191,186	138,592	95,256	68.7	0	0	163,015	117,311	59,931	51 1	0	0	154,952	105,255	73,435	69.8	0	0
Average Weekly Hours	53.0	—	—	—	—	—	59.4	—	—	—	—	—	53.3	—	—	—	—	—
Republic, Farmingdale	8,334	4,554[45]	3,975[45]	87 3	0	0	8,397	4,867	3,821	78.5	0	0	8,477	4,858	3,848	79.2	0	0
Total Number of Workers	—	4,554	3,975	—	—	—	—	4,867	3,821	—	—	—	—	4,858	3,848	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5 8	5 8	—	—	—	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	442,989	264,132	230,550	87.3	0	0	446,720	282,286	221,618	78.5	0	0	448,443	281,764	223,184	79.2	0	0
Average Weekly Hours	53.8	—	—	—	—	—	53.2	—	—	—	—	—	52.9	—	—	—	—	—
Ryan, San Diego	1,709	1,120	763	68.1	103	9.2	1,994	1,193	796	66.7	132	11.1	2,258	1,340	935	69.8	183	13.7
Total Number of Workers	—	1,120	763	—	103	—	—	1,193	796	—	132	—	—	1,340	935	—	183	—
Number of Workers	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Hours per Day	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	81,832	53,760	36,624	68.1	4,017	7.5	93,561	57,264	38,208	66.7	5,148	9.0	101,554	64,320	44,880	69.8	7,137	11.1
Average Weekly Hours	47.9	—	—	—	—	—	46.9	—	—	—	—	—	45.0	—	—	—	—	—
Sikorsky, Bridgeport	271	246	34	13.8	0	0	334	305	47	15.4	0	0	383	351	44	12.5	0	0
Total Number of Workers	—	221	30	—	—	—	—	273	43	—	—	—	—	304	42	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—
Days per Week	—	25	4	—	—	—	—	32	4	—	—	—	—	47	2	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5.5	5 5	—	—	—	—	5.5	5.5	—	—	—	—	5.5	5.5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	14,742	14,193	1,980	13.8	0	0	18,703	17,594	2,714	15.4	0	0	21,141	20,217	2,546	12 6	0	0
Average Weekly Hours	54.4	—	—	—	—	—	56.0	—	—	—	—	—	55.3	—	—	—	—	—
St. Louis Aircraft, St. Louis	399	334	52	15 6	0	0	399	359	22	6.1	0	0	421	383	30	7 8	0	0
Total Number of Workers	—	334	52	—	—	—	—	359	22	—	—	—	—	383	30	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	16,008	16,032	2,496	15 6	0	0	18,744	17,232	1,056	6 1	0	0	20,466	18,384	1,440	7 8	0	0
Average Weekly Hours	42.4	—	—	—	—	—	47.0	—	—	—	—	—	48 6	—	—	—	—	—
Taylorcraft, Alliance	462	400	90	22 5	0	0	455	390	80	20.5	0	0	427	415	76	18 3	0	0
Total Number of Workers	—	400	90	—	—	—	—	390	80	—	—	—	—	415	76	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	10	—	—	—	—	8	10	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	21,838	19,200	4,320	22 5	0	0	22,136	18,720	4,000	21 4	0	0	19,722	19,920	3,800	19 1	0	0
Average Weekly Hours	47 3	—	—	—	—	—	48 7	—	—	—	—	—	46 2	—	—	—	—	—
Timm Van Nuys (Saticoy)	504	356	148	41 6	0	0	573	384	189	49 2	0	0	581	392	189	48 2	0	0
Total Number of Workers	—	356	148	—	—	—	—	384	189	—	—	—	—	392	189	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	24,643	17,088	7,104	41 6	0	0	26,325	18,432	9,072	49 2	0	0	27,268	18,816	9,072	48 2	0	0
Average Weekly Hours	48 9	—	—	—	—	—	45 9	—	—	—	—	—	46 9	—	—	—	—	—

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Piper, Lockhaven	1,000	634	366	57.7	0	0	1,307	915[44]	392[44]	42 8	0	0	1,226	736[44]	490[44]	66 6	0	0
Total Number of Workers	—	634	366	—	—	—	—	915	392	—	—	—	—	736	490	—	—	—
Number of Workers	—	8.6	10	—	—	—	—	8.6	10	—	—	—	—	8 6	10	—	—	—
Hours per Day	—	5	4	—	—	—	—	5	4	—	—	—	—	5	4	—	—	—
Days per Week	—	5	8	—	—	—	—	5	8	—	—	—	—	5	8	—	—	—
Hours per Day	—	1	1	—	—	—	—	1	1	—	—	—	—	1	1	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	44,946	30,432	17,568	57.7	0	0	58,522	43,920	18,816	42.8	0	0	53,456	35,328	23,520	66 6	0	0
Average Weekly Hours	44.9	—	—	—	—	—	44 8	—	—	—	—	—	43 6	—	—	—	—	—
Republic, Evansville	3,246	2,179	1,533	70.4	0	0	3,740	2,424	1,686	69.6	0	0	4,074	2,656	1,959	73 8	0	0
Total Number of Workers	—	2,179	1,533	—	—	—	—	2,424	1,686	—	—	—	—	2,656	1,959	—	—	—
Number of Workers	—	9.66[41]	9.66[41]	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	6	6	—	—	—	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	196,637	126,295	88,853	70.4	0	0	223,876	140,592	97,788	69.6	0	0	236,965	154,048	113,622	73 8	0	0
Average Weekly Hours	60.6	—	—	—	—	—	59.9	—	—	—	—	—	58.2	—	—	—	—	—
Republic, Farmingdale	8,560	4,531	4,233	93.4	0	0	8,580	4,654	4,062	87.3	0	0	8,493	4,655	4,046	86 9	0	0
Total Number of Workers	—	4,531	4,233	—	—	—	—	4,654	4,062	—	—	—	—	4,655	4,046	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	453,680	262,798	245,514	93.4	0	0	471,900	269,932	235,596	87.3	0	0	447,581	269,990	234,668	86.9	0	0
Average Weekly Hours	53.0	—	—	—	—	—	55.0	—	—	—	—	—	52.7	—	—	—	—	—
Ryan, San Diego	2,504	1,456	1,011	69.4	201	13.8	2,584	1,473	1,066	72.4	204	13 8	2,740	1,592	1,114	70.0	196	12 3
Total Number of Workers	—	1,456	1,011	—	201	—	—	1,473	1,066	—	204	—	—	1,592	1,114	—	196	—
Number of Workers	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Hours per Day	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	111,744	69,888	48,528	69 4	7,839	11.2	111,041	70,704	51,168	72.4	7,956	11.3	118,054	76,416	53,472	70.0	7,644	10 0
Average Weekly Hours	44.6	—	—	—	—	—	43.0	—	—	—	—	—	43 1	—	—	—	—	—
Sikorsky, Bridgeport	395	359	51	14.2	0	0	396	335	54	16.1	0	0	378	336	54	16.1	0	0
Total Number of Workers	—	325	43	—	—	—	—	335	54	—	—	—	—	336	54	—	—	—
Number of Workers	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Hours per Day	—	5.8	5.8	—	—	—	—	5.5	5 5	—	—	—	—	5.5	5 5	—	—	—
Days per Week	—	34	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	10	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	5.5	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	22,430	20,720	2,934	14.2	0	0	20,485	18,425	2,970	16.1	0	0	20,196	18,480	2,970	16 1	0	0
Average Weekly Hours	56.8	—	—	—	—	—	51 7	—	—	—	—	—	53 4	—	—	—	—	—
St. Louis Aircraft, St. Louis	394	380	29	7.6	0	0	414	392	22	5.6	0	0	468	421	38	9 0	0	0
Total Number of Workers	—	380	29	—	—	—	—	392	22	—	—	—	—	421	38	—	—	—
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	18,967	18,240	1,392	7 6	0	0	19,979	18,816	1,056	5.6	0	0	21,077	20,208	1,824	9.0	0	0
Average Weekly Hours	48.1	—	—	—	—	—	48.3	—	—	—	—	—	45 0	—	—	—	—	—
Taylorcraft, Alliance	451	416	80	19.2	0	0	470	417	92	22 1	0	0	482	420	90	21 4	0	0
Total Number of Workers	—	416	80	—	—	—	—	417	92	—	—	—	—	420	90	—	—	—
Number of Workers	—	8	10	—	—	—	—	8	10	—	—	—	—	8	10	—	—	—
Hours per Day	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	21,998	19,968	4,000	20 0	0	0	22,513	20,016	4,600	23 0	0	0	23,685	20,160	4,500	22 3	0	0
Average Weekly Hours	48 8	—	—	—	—	—	47 9	—	—	—	—	—	49 1	—	—	—	—	—
Timm Van Nuys (Saticoy)	555	364	191	52 5	0	0	458	296	162	54 7	0	0	NR					
Total Number of Workers	—	364	191	—	—	—	—	296	162	—	—	—						
Number of Workers	—	8	8	—	—	—	—	8	8	—	—	—						
Hours per Day	—	6	6	—	—	—	—	6	6	—	—	—						
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—						
Total Hours	25,046	17,472	9,168	52 5	0	0	17,615	14,208	7,776	54 7	0	0						
Average Weekly Hours	45 1	—	—	—	—	—	38 5	—	—	—	—	—						

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1943

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Wash. Troy																		
Total Number of Workers	827	446	259	58 1	145	32 5	942	486	298	61.3	184	37 9	865	468	266	56 8	158	33 8
Number of Workers	—	147	89	—	37	—	—	486	298	—	184	—	—	468	266	—	158	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	7 5	7.5	—	7.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	299	170	—	108	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	7	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	37,904	22,313	12,930	57 9	7,335	32 9	37,225	21,870	13,410	61.3	8,280	37 9	34,502	21,060	11,970	56 8	7,110	33 8
Average Weekly Hours	45 8	—	—	—	—	—	39.5	—	—	—	—	—	39.9	—	—	—	—	—

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Wash. Troy																		
Total Number of Workers	884	467	277	59 3	169	36 2	761	428	230	53 7	125	37 2	678	442	253	57 2	0	0
Number of Workers	—	154	91	—	44	—	—	137	71	—	25	—	—	442	253	—	—	—
Hours per Day	—	7 5	7 5	—	7.5	—	—	7 5	7 5	—	7 5	—	—	9	9	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—
Number of Workers	—	313	186	—	125	—	—	291	159	—	100	—	—	—	—	—	—	—
Hours per Day	—	7 5	7 5	—	7 5	—	—	7 5	7 5	—	7 5	—	—	—	—	—	—	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	—	—	—	—	—
Total Hours	40,493	23,363	13,860	59 3	8,543	36.6	36,323	21,443	11,543	53 8	6,375	29 7	32,945	23,868	13,662	57 2	9	0
Average Weekly Hours	45 8	—	—	—	—	—	47 7	—	—	—	—	—	48 6	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT ... HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES																		
Total Number of Workers	435,472	235,592	169,784	72 1	38,561	16 4	428,893	232,814	168,559	72.4	36,682	15.8	410,480	226,062	158,827	70.3	35,178	15 6
Total Hours	19,835,681	11,786,419	8,439,119	71 6	1,542,023	13 1	19,334,857	11,666,683	8,401,887	72 0	1,473,949	12.6	18,511,701	11,305,694	7,904,380	69.9	1,413,259	12.5
Average Weekly Hours	45 6	50.0	49.7	—	40 0	—	45 1	50.1	49.9	—	40.2	—	45 1	50 0	49 8	—	40.2	—
Aeronca, Middletown																		
Total Number of Workers	752	592	200	33 8	0	0	624	498	152	30 5	0	0	266	266	33	12.4	0	0
Number of Workers	—	592	200	—	—	—	—	498	152	—	—	—	—	266	33	—	—	—
Hours per Day	—	8	9.6	—	—	—	—	8	9 6	—	—	—	—	8	9.6	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Total Hours	33,826	28,416	9,600	33.8	0	0	28,091	23,904	7,296	30.5	0	0	11,562	12,768	1,584	12.4	0	0
Average Weekly Hours	45 0	—	—	—	—	—	45 0	—	—	—	—	—	43.5	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	5,397	2,588	2,001	77 3	936	36 2	5,514	2,632	2,112	80 2	955	36.3	5,478	2,690	2,096	77.9	942	35.0
Number of Workers	—	2,588	2,001	—	936	—	—	2,632	2,112	—	955	—	—	2,690	2,096	—	942	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	249,737	124,224	96,048	77.3	36,504	29 4	253,350	126,336	101,376	80 2	37,245	29.5	248,313	129,120	100,608	77.9	36,738	28.5
Average Weekly Hours	46.3	—	—	—	—	—	45 9	—	—	—	—	—	45.3	—	—	—	—	—
Bell, Atlanta																		
Total Number of Workers	5,912	3,277	2,333	71.2	295	9.0	7,106	3,877	2,897	74.7	327	8.4	7,894	4,251	2,916	68.6	758	17.8
Number of Workers	—	3,277	2,333	—	295	—	—	3,877	2,897	—	327	—	—	4,251	2,916	—	758	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	268,904	157,296	111,984	71.2	11,505	7.3	294,725	186,096	139,056	74.7	12,753	6.9	311,170	204,048	139,968	68 6	29,562	14.5
Average Weekly Hours	45.5	—	—	—	—	—	41 5	—	—	—	—	—	39.4	—	—	—	—	—
Bell, Buffalo[a]																		
Total Number of Workers	11,452	6,028	4,579	76.0	1,230	20 4	11,078	5,802	4,496	77 5	1,170	20.2	11,879	6,035	4,684	77.6	1,401	23.2
Number of Workers	—	5,945	4,361	—	1,200	—	—	5,743	4,302	—	1,142	—	—	5,986	4,519	—	1,378	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week[m]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	83	218	—	30	—	—	59	194	—	28	—	—	49	165	—	23	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	3	3	—	3	—	—	3	3	—	3	—	—	3	3	—	3	—
Total Hours	465,419	287,352	214,560	74 7	47,385	16.5	436,905	277,080	211,152	76.2	45,084	16.3	439,405	288,504	220,872	76.6	54,191	18.8
Average Weekly Hours	40.6	—	—	—	—	—	39.4	—	—	—	—	—	37.0	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	1,271	742	368	49.6	236	31 8	1,329	758	400	52.8	238	31.4	1,292	835	436	52.2	196	23.5
Number of Workers	—	742	368	—	236	—	—	758	400	—	238	—	—	835	436	—	196	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	59,849	35,616	17,664	49.6	11,328	31 8	59,777	36,384	19,200	52.8	11,424	31.4	59,751	40,080	20,928	52.2	9,408	23 5
Average Weekly Hours	47.1	—	—	—	—	—	45.0	—	—	—	—	—	46.3	—	—	—	—	—
Boeing, Renton																		
Total Number of Workers	3,516	2,205	1,188	53 9	11	0 5	3,626	2,272	1,223	53 8	12	0.5	3,725	2,311	1,266	54.8	16	0 7
Number of Workers	—	56	41	—	1	—	—	16	130	—	1	—	—	2,311	148	—	16	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	5	5	—	5	—	—	5	5	—	5	—	—	6	5	—	6	—
Number of Workers	—	2,110	1,142	—	10	—	—	2,256	1,093	—	11	—	—	—	1,118	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	—	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	—	6	—	—	—
Number of Workers	—	39	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	7	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	148,267	105,704	56,736	53 7	423	0 4	149,493	108,928	57,664	52 9	462	0 4	153,933	110,928	59,584	53 7	624	0 6
Average Weekly Hours	42 2	—	—	—	—	—	41 2	—	—	—	—	—	41 3	—	—	—	—	—

FACILITY	APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES																		
Total Number of Workers	389,316	216,991	151,350	69 8	32,264	14 9	368,858	206,474	140,793	68 2	29,738	14 4	353,393	199,588	134,186	67 2	26,901	13 5
Total Hours	17,648,451	10,858,064	7,541,968	69 5	1,301,387	12 0	16,897,286	10,306,027	6,985,417	67 8	1,191,900	11 6	16,109,011	9,886,830	6,611,172	67 0	1,079,336	10 9
Average Weekly Hours	45 3	50.0	49.8	—	40 3	—	45 8	49 9	49 6	—	40 1	—	45 6	49 5	49 3	—	40 1	—
Aeronca, Middletown																		
Total Number of Workers	365	323	42	13.0	0	0	262	290	38	13 1	0	0	263	235	28	11 9	0	0
Number of Workers	—	323	42	—	—	—	—	290	38	—	—	—	—	235	28	—	—	—
Hours per Day	—	8	9.6	—	—	—	—	8	9 6	—	—	—	—	8	9 6	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Total Hours	12,706	15,504	2,016	13 0	0	0	11,131	13,920	1,824	13 1	0	0	11,275	11,280	1,344	11.9	0	0
Average Weekly Hours	34 8	—	—	—	—	—	42 5	—	—	—	—	—	42 9	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	5,248	2,676	1,915	71.6	837	31.3	5,278	2,649	1,951	73 7	849	32 0	5,326	2,682	2,149	80 1	859	32 0
Number of Workers	—	2,676	1,915	—	837	—	—	2,649	1,951	—	849	—	—	2,682	2,149	—	859	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	239,196	128,448	91,920	71.6	32,643	25.4	241,568	127,152	93,648	73 7	33,111	26 0	247,087	128,736	103,152	80 1	33,501	26 0
Average Weekly Hours	45.6	—	—	—	—	—	45.8	—	—	—	—	—	46 4	—	—	—	—	—
Bell, Atlanta																		
Total Number of Workers	8,161	4,126	3,074	74.5	890	21.6	8,726	4,554	3,025	66 4	917	20 1	9,214	4,720	3,359	71 2	928	19 7
Number of Workers	—	4,126	3,074	—	890	—	—	4,554	3,025	—	917	—	—	4,720	3,359	—	928	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	341,682	198,048	147,552	74.5	34,710	17 5	361,108	218,592	145,200	66 4	35,763	16.4	371,028	226,560	161,232	71 2	36,192	16 0
Average Weekly Hours	41.9	—	—	—	—	—	41.4	—	—	—	—	—	40 3	—	—	—	—	—
Bell, Buffalo[a]																		
Total Number of Workers	11,102	5,923	4,571	77 2	1,238	20 9	10,656	5,843	4,397	75 3	1,018	17 4	9,944	5,662	3,996	70.6	806	14.2
Number of Workers	—	5,875	4,418	—	1,226	—	—	5,796	4,253	—	1,009	—	—	5,633	3,918	—	802	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week[m]	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	48	153	—	12	—	—	47	144	—	9	—	—	29	78	—	4	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	3	3	—	3	—	—	3	3	—	3	—	—	3	3	—	3	—
Total Hours	418,233	283,152	215,736	76 2	48,048	17 0	466,900	279,336	207,600	74 3	39,527	14 2	433,238	271,080	189,936	70 1	31,356	11 6
Average Weekly Hours	37 7	—	—	—	—	—	46 8	—	—	—	—	—	43 6	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	1,330	783	394	50 3	175	22 3	1,245	653	401	61 4	149	22 8	1,366	716	422	58 9	194	27 1
Number of Workers	—	783	394	—	175	—	—	653	401	—	149	—	—	716	422	—	194	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	60,330	37,584	18,912	50 3	8,400	22 3	59,056	31,344	19,248	61 4	7,152	22 8	60,815	34,368	20,256	58 9	9,312	27 1
Average Weekly Hours	45 4	—	—	—	—	—	47 4	—	—	—	—	—	44 5	—	—	—	—	—
Boeing, Renton																		
Total Number of Workers	3,380	2,102	1,184	56 3	33	1 6	3,290	2,200	988	44 9	58	2 6	[n]					
Number of Workers	—	1,565	876	—	31	—	—	2,184	981	—	57	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	—	—	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	—	—	—	—	—
Number of Workers	—	537	308	—	2	—	—	16	7	—	1	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	—	—	—	—	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	—	—	—	—	—
Total Hours	146,924	105,192	59,296	56 4	1,300	1 2	140,420	105,728	47,480	44 9	2,269	2 1	—	—	—	—	—	—
Average Weekly Hours	43 5	—	—	—	—	—	42 7	—	—	—	—	—	—	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled — Second Shift Number	JANUARY — Scheduled — Second Shift % of First	JANUARY — Scheduled — Third Shift Number	JANUARY — Scheduled — Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Scheduled — First Shift	FEBRUARY — Scheduled — Second Shift Number	FEBRUARY — Scheduled — Second Shift % of First	FEBRUARY — Scheduled — Third Shift Number	FEBRUARY — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	18,043	9,089	7,011	77 1	1,496	16.5	18,267	9,053	7,369	81.4	1,490	16 5
Number of Workers	——	6,257	4,490	——	1,213	——	——	8,230	7,093	——	1,373	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2,832	2,521	——	283	——	——	823	276	——	117	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	821,870	458,928	356,696	77 7	60,184	13 1	796,880	441,128	355,920	80 7	58,871	13.3
Average Weekly Hours	45.6	——	——	——	——	——	43.6	——	——	——	——	——
Boeing, Wichita, No. 1 and 2												
Total Number of Workers	14,195	7,811	7,505	96 1	0	0	13,437	7,529	6,949	92.3	0	0
Number of Workers	——	7,811	7,505	——	——	——	——	7,529	6,949	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	701,922	468,660	450,300	96.1	0	0	753,935	451,740	416,940	92.3	0	0
Average Weekly Hours	49.4	——	——	——	——	——	56.1	——	——	——	——	——
Brewster, Long Island												
Total Number of Workers	5,388	3,492	2,207	63.2	0	0	5,269	3,339	1,917	57.4	65	1.9
Number of Workers	——	180	147	——	——	——	——	74	59	——	65	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	3,312	2,060	——	——	——	——	3,265	1,858	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	266,302	187,488	118,296	63.1	0	0	245,518	179,862	103,164	57.4	3,120	1.7
Average Weekly Hours	49.5	——	——	——	——	——	46.6	——	——	——	——	——
Brewster, Johnsville												
Total Number of Workers	1,995	1,487	540	36 3	0	0	1,872	1,266	639	50.5	0	0
Number of Workers	——	202	12	——	——	——	——	1,266	639	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——
Days per Week	——	6.1	6.1	——	——	——	——	6	6	——	——	——
Number of Workers	——	1,285	528	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——
Total Hours	98,116	81,712	29,244	35.8	0	0	89,097	68,364	34,506	50.5	0	0
Average Weekly Hours	49.2	——	——	——	——	——	47.6	——	——	——	——	——
Budd, Philadelphia[a]												
Total Number of Workers	8,126	4,648	3,025	65.1	624	13.4	8,146	4,552	3,196	68.7	534	11.7
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Days per Week	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Total Hours	338,360	206,840	134,279	64.9	27,945	13.5	339,542	204,517	141,017	69.0	23,979	11 7
Average Weekly Hours	41.6	——	——	——	——	——	41.7	——	——	——	——	——
Cessna, Wichita												
Total Number of Workers	3,190	1,644	1,475	89 7	176	10 7	3,069	1,650	1,414	85.7	181	11.0
Number of Workers	——	1,644	1,475	——	176	——	——	1,650	1,414	——	181	——
Hours per Day	——	[a]	[a]	——	7 5	——	——	[a]	[a]	——	7 5	——
Days per Week	——	[a]	[a]	——	7	——	——	[a]	[a]	——	6	——
Total Hours	154,565	86,766	76,796	88 5	9,240	10 6	129,243	75,486	63,861	84 6	8,145	10 8
Average Weekly Hours	48 5	——	——	——	——	——	42 1	——	——	——	——	——
Chance Vought, Stratford and Bridgeport[a]												
Total Number of Workers	6,112	3,703	2,638	71 2	0	0	5,983	3,618	2,600	71 9	0	0
Number of Workers	——	2,598	1,629	—	——	——	——	2,571	1,624	——	——	——
Hours per Day	——	10	10		—	—	—	10	10	——	——	——
Days per Week	——	5 8	5 8					5 8	5 8	——	——	——
Number of Workers	——	1,105	1,009					1,047	976	——	——	——
Hours per Day	——	10	10					10	10	——	——	——
Days per Week	——	5 5	5 8					5 8	5 5	——	——	——
Total Hours	336,873	211,459	149,977	70 9	0	0	319,390	208,703	147,872	71 5	0	0
Average Weekly Hours	55 1	——	——	——	——	——	53 4	——	——	——	——	——

FACILITY	MARCH — Actual — All Shifts	MARCH — Scheduled — First Shift	MARCH — Scheduled — Second Shift Number	MARCH — Scheduled — Second Shift % of First	MARCH — Scheduled — Third Shift Number	MARCH — Scheduled — Third Shift % of First	APRIL — Actual — All Shifts	APRIL — Scheduled — First Shift	APRIL — Scheduled — Second Shift Number	APRIL — Scheduled — Second Shift % of First	APRIL — Scheduled — Third Shift Number	APRIL — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	18,006	8,985	7,068	78 7	1,542	17 2	16,756	8,507	6,529	76.7	1,380	16 2
Number of Workers	——	8,243	6,571	——	1,438	——	——	7,409	5,605	——	1,108	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	742	497	——	104	——	——	1,098	924	——	272	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	775,843	437,216	343,240	78.5	60,814	13.9	724,258	417,120	320,784	76.9	55,588	13.3
Average Weekly Hours	43.1	——	——	——	——	——	43.2	——	——	——	——	——
Boeing, Wichita, No. 1 and 2												
Total Number of Workers	12,214	6,972	6,434	92 3	0	0	11,493	6,691	5,934	88.7	0	0
Number of Workers	——	6,972	6,434	——	——	——	——	6,691	5,934	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	650,727	418,320	386,040	92.3	0	0	646,162	401,460	356,040	88.7	0	0
Average Weekly Hours	53.3	——	——	——	——	——	56 2	——	——	——	——	——
Brewster, Long Island												
Total Number of Workers	4,549	2,914	1,620	55.6	64	2.2	4,378	2,943	1,422	48.3	58	2 0
Number of Workers	——	76	55	——	64	——	——	71	59	——	58	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2,838	1,565	——	——	——	——	2,872	1,363	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	228,134	156,900	87,150	55 5	3,072	2.0	220,378	158,496	76,434	48 2	2,784	1.8
Average Weekly Hours	50.2	——	——	——	——	——	50.3	——	——	——	——	——
Brewster, Johnsville												
Total Number of Workers	1,645	1,665	0	0	0	0	1,505	1,538	0	0	0	0
Number of Workers	——	1,665	——	——	——	——	——	1,539	——	——	——	——
Hours per Day	——	9	——	——	——	——	——	9	——	——	——	——
Days per Week	——	6	——	——	——	——	——	6	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	82,533	89,910	0	0	0	0	76,769	83,052	0	0	0	0
Average Weekly Hours	50.2	——	——	——	——	——	——	——	——	——	——	——
Budd, Philadelphia[a]												
Total Number of Workers	8,296	4,517	3,166	70.1	752	16.6	7,916	4,359	2,842	65 2	774	17 8
Number of Workers	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Hours per Day	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Days per Week	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Total Hours	353,636	205,679	144,682	70.3	33,816	16 4	315,583	193,340	126,109	65 2	34,607	17 9
Average Weekly Hours	42.6	——	——	——	——	——	39.9	——	——	——	——	——
Cessna, Wichita												
Total Number of Workers	2,322	1,206	996	82 6	168	13 9	1,719	1,024	694	67 8	1	0 1
Number of Workers	——	1,206	996	——	168	——	——	1,024	694	——	1	——
Hours per Day	——	[a]	[a]	——	7.5	——	——	[a]	[a]	——	9	——
Days per Week	——	[a]	[a]	——	6	——	——	[a]	[a]	——	5	——
Total Hours	103,589	54,685	45,245	82.7	7,560	13 8	81,174	45,130	30,900	68 5	45	0 1
Average Weekly Hours	44.6	——	——	——	——	——	47 2	——	——	——	——	——
Chance Vought, Stratford and Bridgeport[a]												
Total Number of Workers	5,848	3,501	2,508	71 6	0	0	5,468	3,353	2,321	69 2	0	0
Number of Workers	——	2,532	1,887	——	——	——	——	2,408	1,490	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 8	5 8	——	——	——	——	5 3	5 3	——	——	——
Number of Workers	——	968	931	——	——	——	——	945	841	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 5	5 5	——	——	——	——	5 3	5 3	——	——	——
Total Hours	310,475	200,131	142,701	71.3	0	0	267,032	177,709	123,013	69 2	0	0
Average Weekly Hours	53 1	——	——	——	——	——	48 8	——	——	——	——	——

FACILITY	MAY — Actual — All Shifts	MAY — Scheduled — First Shift	MAY — Scheduled — Second Shift Number	MAY — Scheduled — Second Shift % of First	MAY — Scheduled — Third Shift Number	MAY — Scheduled — Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Scheduled — First Shift	JUNE — Scheduled — Second Shift Number	JUNE — Scheduled — Second Shift % of First	JUNE — Scheduled — Third Shift Number	JUNE — Scheduled — Third Shift % of First
Boeing, Seattle												
Total Number of Workers	16,236	8,203	6,310	76 9	1,412	17 2	*19,435	10,422	7,107	68 2	1,470	14 1
Number of Workers	——	6,816	5,118	——	1,117	——	——	9,913	6,787	——	1,384	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,387	1,192	——	295	——	——	509	320	——	86	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	713,457	404,840	312,416	77 2	56,986	14 1	831,435	504,328	343,696	68 1	57,899	11 5
Average Weekly Hours	43 9	——	——	——	——	——	42.8	——	——	——	——	——
Boeing, Wichita, No. 1 and 2												
Total Number of Workers	11,169	6,367	5,646	88 7	0	0	10,345	5,912	5,036	85 2	0	0
Number of Workers	——	6,367	5,646	——	——	——	——	5,912	5,036	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	633,601	382,020	338,760	88 7	0	0	605,705	354,720	302,160	85 2	0	0
Average Weekly Hours	56.7	——	——	——	——	——	58.6	——	——	——	——	——
Brewster, Long Island	NR						NR					
Brewster, Johnsville	NR						NR					
Budd, Philadelphia[a]												
Total Number of Workers	7,258	4,216	2,624	62 2	477	11 3	6,689	4,044	2,373	58 7	312	7 7
Number of Workers	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Hours per Day	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Days per Week	——	[a]	[a]	——	[a]	——	——	[a]	[a]	——	[a]	——
Total Hours	303,653	186,853	116,239	62 2	21,353	11 4	277,589	179,845	105,884	58 9	13,977	7 8
Average Weekly Hours	41 8	——	——	——	——	——	41 5	——	——	——	——	——
Cessna, Wichita												
Total Number of Workers	1,646	1,022	628	61 4	1	0 1	1,440	1,063	477	44 9	0	0
Number of Workers	——	1,022	628	——	1	——	——	1,063	477	——	——	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	——	——
Days per Week	——	5	5	——	5	——	——	5	5	——	——	——
Total Hours	74,066	45,990	28,260	61 4	45	0 1	65,894	47,836	21,465	44 9	0	0
Average Weekly Hours	45 0	——	——	——	——	——	45 8	——	——	——	——	——
Chance Vought, Stratford and Bridgeport[a]												
Total Number of Workers	5,448	3,269	2,179	66 7	0	0	5,089	3,086	2,003	64 9	0	0
Number of Workers	——	2,331	1,362	—	——	——	——	2,153	1,250	——	——	——
Hours per Day	——	10	10		—	—	——	10	10	——	——	——
Days per Week	——	5 3	5 3	—			——	5 3	5 3	——	——	——
Number of Workers	——	938	817				——	933	783	——	——	——
Hours per Day	——	10	10				——	10	10	——	——	——
Days per Week	——	5 3	5 3				——	5 3	5 3	——	——	——
Total Hours	255,310	173,257	115,487	66 7	0	0	244,242	163,558	106,159	64 9	0	0
Average Weekly Hours	47 4	——	——	——	——	——	48 0	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Columbia, Valley Stream																		
Total Number of Workers	1,251	997	247	24 8	0	0	1,320	1,022	284	27 8	0	0	1,325	1,019	273	26 8	0	0
Number of Workers	——	636	153	——	——	——	——	664	186	——	——	——	——	672	178	——	——	——
Hours per Day[23]	——	9 5	9 5	——	——	——	——	9 5	9 5	——	——	——	——	9 5	9 5	——	——	——
Days per Week[23]	——	5 84	5 84	——	——	——	——	5 84	5 84	——	——	——	——	5 84	5 84	——	——	——
Number of Workers	——	361	94	——	——	——	——	358	98	——	——	——	——	347	95	——	——	——
Hours per Day[23]	——	9 5	9 5	——	——	——	——	9 5	9 5	——	——	——	——	9.5	9 5	——	——	——
Days per Week[23]	——	5 42	5 42	——	——	——	——	5 42	5 42	——	——	——	——	5 42	5 42	——	——	——
Total Hours	63,322	53,873	13,329	24 7	0	0	66,197	55,272	15,365	27.8	0	0	64,445	55,150	14,767	26 8	0	0
Average Weekly Hours	50 6	——	——	——	——	——	50 1	——	——	——	——	——	48.6	——	——	——	——	——
Consol.-Vultee, Allentown																		
Total Number of Workers	450	429	65	15 2	0	0	527	435	112	26.4	0	0	545	445	113	25 4	0	0
Number of Workers	——	361	41	——	——	——	——	362	71	——	——	——	——	378	74	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	68	24	——	——	——	——	63	41	——	——	——	——	67	39	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5 88	5 88	——	——	——	——	5 88	5.88	——	——	——	——	5.88	5.88	——	——	——
Total Hours	21,373	20,927	3,238	15 5	0	0	25,133	20,710	5,578	26.9	0	0	24,818	21,690	5,616	25 9	0	0
Average Weekly Hours	47.5	——	——	——	——	——	47.7	——	——	——	——	——	45.5	——	——	——	——	——
Consol.-Vultee, Downey																		
Total Number of Workers	3,910	2,500	1,224	49.0	186	7 4	3,664	2,397	1,105	46.1	166	6.9	3,260	2,266	1,000	44 1	139	6.1
Number of Workers	——	2,500	1,224	——	186	——	——	2,397	1,105	——	166	——	——	2,266	1,000	——	139	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	161,325	120,000	58,752	49 0	7,254	6.0	150,077	115,056	53,040	46 1	6,474	5.6	140,729	108,768	48,000	44.1	5,421	5.0
Average Weekly Hours	41.3	——	——	——	——	——	40.9	——	——	——	——	——	43.2	——	——	——	——	——
Consol.-Vultee, Fort Worth																		
Total Number of Workers	12,876	6,767	6,677	98 7	135	2.0	12,183	6,351	6,022	94.8	145	2.3	10,727	6,139	5,070	82.6	50	0.8
Number of Workers	——	6,767	6,677	——	135	——	——	6,351	6,022	——	145	——	——	6,139	5,070	——	50	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	584,430	324,816	320,496	98 7	5,265	1.6	503,882	304,848	289,056	94 8	5,655	1.9	457,148	294,672	243,360	82.6	1,950	0.7
Average Weekly Hours	45 4	——	——	——	——	——	41.4	——	——	——	——	——	42 6	——	——	——	——	——
Consol.-Vultee, New Orleans																		
Total Number of Workers	465	462	3	6	0	0	645	558	82	14.7	0	0	765	610	203	33 3	0	0
Number of Workers	——	462	3	——	——	——	——	558	82	——	——	——	——	610	203	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	18,608	22,176	144	6	0	0	26,992	26,784	3,936	14.7	0	0	33,832	29,280	9,744	33.3	0	0
Average Weekly Hours	40.0	——	——	——	——	——	41.8	——	——	——	——	——	44.2	——	——	——	——	——
Consol.-Vultee, Nashville																		
Total Number of Workers	3,098	2,015	1,058	52 5	213	10 6	2,836	1,923	968	50 3	147	7 6	1,784	1,490	254	17 0	78	5 2
Number of Workers	——	——	——	——	157	——	——	5	11	——	1	——	——	11	60	——	36	——
Hours per Day	——	[illegible]	[illegible]	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	[illegible]	[illegible]	——	6	——	——	7	6	——	6	——	——	7	6	——	6	——
Number of Workers	——	——	——	——	56	——	——	13	957	——	146	——	——	102	194	——	42	——
Hours per Day	——	——	——	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	——	——	——	5	——	——	6	5	——	5	——	——	6	5	——	5	——
Number of Workers	——	——	——	——	——	——	——	1,905	——	——	——	——	——	1,377	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	——	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Total Hours	130,486	92,550	46,882	50 5	7,943	8 6	102,538	77,104	38,806	50 3	4,784	6 2	62,229	60,592	10,640	17 6	2,760	4 6
Average Weekly Hours	42 1	——	——	——	——	——	36 2	——	——	——	——	——	34 9	——	——	——	——	——

FACILITY	APRIL						MAY						JUNE					
	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Columbia, Valley Stream																		
Total Number of Workers	1,255	1,043	282	27 0	0	0	1,301	1,065	276	25 9	0	0	1,241	1,045	261	25 0	0	0
Number of Workers	——	679	173	——	——	——	——	697	168	——	——	——	——	687	154	——	——	——
Hours per Day[23]	——	9 5	9.5	——	——	——	——	9 5	9 5	——	——	——	——	9 5	9 5	——	——	——
Days per Week[23]	——	5 84	5 84	——	——	——	——	5 84	5 84	——	——	——	——	5 84	5 84	——	——	——
Number of Workers	——	364	109	——	——	——	——	368	108	——	——	——	——	358	107	——	——	——
Hours per Day[23]	——	9 5	9.5	——	——	——	——	9 5	9 5	——	——	——	——	9 5	9 5	——	——	——
Days per Week[23]	——	5 42	5 42	——	——	——	——	5 42	5 42	——	——	——	——	5 42	5 42	——	——	——
Total Hours	63,354	56,413	15,210	27.0	0	0	66,924	57,618	14,882	25 8	0	0	62,177	56,548	14,053	24.9	0	0
Average Weekly Hours	50 5	——	——	——	——	——	51.4	——	——	——	——	——	50 1	——	——	——	——	——
Consol.-Vultee, Allentown																		
Total Number of Workers	563	462	112	24 2	0	0	605	487	120	24 6	0	0	602	497	121	24 3	0	0
Number of Workers	——	394	73	——	——	——	——	413	80	——	——	——	——	497	121	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	68	39	——	——	——	——	74	40	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	——	——	——	——	——
Days per Week	——	5.88	5.88	——	——	——	——	5.88	5.88	——	——	——	——	——	——	——	——	——
Total Hours	20,737	22,511	5,568	24.7	0	0	24,253	23,740	5,957	25 1	0	0	24,588	23,856	5,908	24.3	0	0
Average Weekly Hours	36.8	——	——	——	——	——	40.1	——	——	——	——	——	40 8	——	——	——	——	——
Consol.-Vultee, Downey																		
Total Number of Workers	3,033	2,264	846	37.4	130	5 7	2,900	2,175	809	37 2	109	5 0	2,851	2,230	888	39.8	141	6 3
Number of Workers	——	2,264	846	——	130	——	——	2,175	809	——	109	——	——	2,230	888	——	141	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	146,662	108,672	40,608	37.4	5,070	4 7	137,523	104,400	38,832	37 2	4,251	4 1	133,333	107,040	42,624	39 8	5,499	5 1
Average Weekly Hours	48 4	——	——	——	——	——	47 4	——	——	——	——	——	46 8	——	——	——	——	——
Consol.-Vultee, Fort Worth																		
Total Number of Workers	10,035	5,807	4,604	79.3	46	0.8	9,716	5,650	4,497	79 6	45	.8	9,636	5,514	4,492	81 5	39	0 7
Number of Workers	——	5,807	4,604	——	46	——	——	5,650	4,497	——	45	——	——	5,514	4,492	——	39	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	437,674	278,736	220,992	79.3	1,794	0 6	449,819	271,200	215,856	79 6	1,755	6	431,618	264,672	215,616	81.5	1,521	0 6
Average Weekly Hours	43.6	——	——	——	——	——	46 3	——	——	——	——	——	43 9	——	——	——	——	——
Consol.-Vultee, New Orleans																		
Total Number of Workers	1,076	793	333	42.0	0	0	1,356	1,000	385	38 5	3	.3	1,637	1,150	550	47 8	0	0
Number of Workers	——	793	333	——	——	——	——	920	335	——	3	——	——	1,025	450	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	6 5	——	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	80	50	——	——	——	——	125	100	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	7	7	——	——	——	——	7	7	——	——	——
Total Hours	46,560	38,064	15,984	42.0	0	0	50,440	48,640	18,890	38 8	117	2	73,896	56,200	27,306	48 4	0	0
Average Weekly Hours	43 3	——	——	——	——	——	43 8	——	——	——	——	——	45 1	——	——	——	——	——
Consol.-Vultee, Nashville																		
Total Number of Workers	1,577	1,234	265	21.5	137	11 1	1,363	893	314	35 2	164	18 4	1,446	968	381	39 4	169	17 5
Number of Workers	——	23	2	——	112	——	——	24	7	——	164	——	——	85	31	——	10	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	7	6	——	6	——	——	7	7	——	6	——	——	7	7	——	7	——
Number of Workers	——	314	263	——	25	——	——	230	183	——	——	——	——	309	81	——	52	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	——	——	——	8	8	——	6 5	——
Days per Week	——	6	5	——	5	——	——	6	6	——	——	——	——	6	6	——	6	——
Number of Workers	——	807	——	——	——	——	——	639	124	——	——	——	——	574	269	——	107	——
Hours per Day	——	8	——	——	——	——	——	8	8	——	——	——	——	8	8	——	6 5	——
Days per Week	——	5	——	——	——	——	——	5	5	——	——	——	——	5	5	——	5	——
Total Hours	59,359	52,240	10,616	20 3	5,181	9 9	56,683	37,944	14,136	37 3	6,396	16 9	57,417	42 552	16,384	38 5	5,961	14 0
Average Weekly Hours	37 6	——	——	——	——	——	41 6	——	——	——	——	——	39 7	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 —(CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY					
	Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consol. Vultee, San Diego												
Total Number of Workers	20,067	10,746	8,761	81 5	49	0 5	18,522	10,349	8,573	82 8	22	0 2
Number of Workers	—	9,965	8,055	—	49	—	—	9,677	7,787	—	22	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	117	116	—	—	—	—	97	97	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	666	557	—	—	—	—	575	689	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	823,080	518,328	422,200	81 5	1,911	0 4	792,849	499,024	414,688	83 1	858	0 2
Average Weekly Hours	41 0	—	—	—	—	—	42.8	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	716	583	148	25 4	0	0	615	546	95	17 4	0	0
Number of Workers	—	583	148	—	—	—	—	545	95	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	1	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	8	—	—	—	—
Days per Week	—	—	—	—	—	—	—	7	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	33,626	27,984	7,104	25 4	0	0	27,062	26,216	4,560	17 4	0	0
Average Weekly Hours	46 9	—	—	—	—	—	44 0	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	281	283	2	7	0	0	342	323	38	11.8	0	0
Number of Workers	—	283	2	—	—	—	—	323	38	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	12,494	13,584	96	7	0	0	16,245	15,504	1,824	11 8	0	0
Average Weekly Hours	44 5	—	—	—	—	—	47.5	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	22,886	11,156	8,013	71.8	4,162	37.3	22,392	10,744	7,859	73 1	4,130	38 4
Number of Workers	—	10,722	7,579	—	4,162	—	—	10,310	7,425	—	4,130	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers[35]	—	434	434	—	—	—	—	434	434	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	1	1	—	—	—	—	1	1.5	—	—	—
Hours per Day	—	—	4 5	—	—	—	—	—	8	—	—	—
Days per Week	—	—	4	—	—	—	—	—	2	—	—	—
Total Hours	992,620	518,128	378,076	72 4	162,318	31 3	932,077	498,352	368,552	74 0	161,070	32 3
Average Weekly Hours	43 4	—	—	—	—	—	41.6	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	12,713	5,825	3,939	67 6	2,949	50 6	12,741	5,878	3,928	66 8	2,935	49 9
Number of Workers	—	5,825	3,939	—	2,949	—	—	5,878	3,928	—	2,935	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	513,292	279,800	89,072	67 6	115,011	41 1	568,985	282,144	188,544	66 8	114,465	40 6
Average Weekly Hours	40 4	—	—	—	—	—	44 6	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	899	620	258	41 6	30	4 8	837	595	235	39 5	40	6 7
Number of Workers	—	620	258	—	30	—	—	595	235	—	40	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	40,742	24,780	2,584	41 6	1,170	3 9	38,224	28,560	11,280	39 5	1,580	5 5
Average Weekly Hours	45 3	—	—	—	—	—	45 7	—	—	—	—	—

FACILITY	MARCH						APRIL					
	Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consol. Vultee, San Diego												
Total Number of Workers	17,508	10,071	8,054	80 0	38	0 4	16,061	9,185	7,329	79 8	62	0 7
Number of Workers	—	9,421	7,747	—	38	—	—	8,458	6,827	—	62	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	217	216	—	—	—	—	206	206	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	433	91	—	—	—	—	521	296	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	732,481	481,664	382,136	79.3	1,482	0 3	652,231	440,104	349,216	79 3	2,418	0 5
Average Weekly Hours	41 8	—	—	—	—	—	40 6	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	542	509	54	10 6	0	0	483	502	18	3 6	0	0
Number of Workers	—	508	54	—	—	—	—	493	15	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	1	—	—	—	—	—	9	3	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	8	—	—	—
Days per Week	—	7	—	—	—	—	—	7	7	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	23,493	24,440	2,592	10.6	0	0	21,109	24,168	888	3.7	0	0
Average Weekly Hours	43 3	—	—	—	—	—	43 7	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	366	317	67	21.1	0	0	396	345	75	21 7	0	0
Number of Workers	—	317	67	—	—	—	—	345	75	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	16,658	15,216	3,216	21.1	0	0	18,496	16,560	3,600	21.7	0	0
Average Weekly Hours	45.5	—	—	—	—	—	46 7	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	21,345	10,375	7,341	70.8	3,982	38 4	19,720	10,219	6,450	63 1	3,519	34 4
Number of Workers	—	10,078	7,042	—	2,982	—	—	10,219	6,450	—	3,519	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	299	299	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	—	—	—	—	—
Days per Week	—	1	1 5	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	8	—	—	—	—	—	—	—	—	—
Days per Week	—	—	2	—	—	—	—	—	—	—	—	—
Total Hours	899,900	486,040	346,388	71.3	155,298	32 0	812,638	490,512	309,600	63 1	137,241	28 0
Average Weekly Hours	42 2	—	—	—	—	—	41.2	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	12,044	5,573	3,620	65 0	2,851	51 2	11,591	5,323	3,409	64 0	2,859	53 7
Number of Workers	—	5,573	3,620	—	2,851	—	—	5,323	3,409	—	2,859	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	520,181	267,504	173,709	65 0	111,189	41 6	499,313	255,504	163,632	64 0	111,501	43 6
Average Weekly Hours	43 3	—	—	—	—	—	43 1	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	881	610	260	42 6	35	5 7	876	575	265	46 1	45	7 8
Number of Workers	—	610	260	—	35	—	—	575	265	—	45	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	36,686	29,280	12,480	42 6	1,365	4 7	36,329	27,600	12,720	46 1	1,755	6 4
Average Weekly Hours	41 6	—	—	—	—	—	41 7	—	—	—	—	—

FACILITY	MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled			
			Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consol. Vultee, San Diego												
Total Number of Workers	15,366	8,537	6,586	77 1	83	1 0	13,928	8,232	6,047	73 5	91	1 1
Number of Workers	—	7,175	5,468	—	83	—	—	7,187	5,286	—	91	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	186	186	—	—	—	—	153	152	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	1,176	932	—	—	—	—	892	609	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	636,235	414,720	319,120	76 9	3,237	0 8	595,785	398,600	291,480	73 1	4,368	1 1
Average Weekly Hours	41 4	—	—	—	—	—	42 8	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	529	515	22	4 3	0	0	506	512	18	3 5	0	0
Number of Workers	—	465	14	—	—	—	—	457	13	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	5	8	—	—	—	—	3	5	—	—	—
Hours per Day	—	8	10	—	—	—	—	8	10	—	—	—
Days per Week	—	7	6	—	—	—	—	7	6	—	—	—
Number of Workers	—	45	—	—	—	—	—	52	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	23,180	25,300	1,152	4 6	0	0	23,543	25,224	924	3 7	0	0
Average Weekly Hours	43 8	—	—	—	—	—	46 5	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	441	379	97	25 6	0	0	480	386	127	32 9	0	0
Number of Workers	—	379	97	—	—	—	—	386	127	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	20,763	18,192	4,656	25 6	0	0	23,136	18,528	6,096	32 9	0	0
Average Weekly Hours	47 0	—	—	—	—	—	48.2	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	18,482	9,562	6,027	63 0	3,179	33 2	16,816	8,896	5,474	61 5	2,737	30 8
Number of Workers	—	9,562	6,027	—	3,179	—	—	8,896	5,474	—	2,737	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	793,504	458,976	289,296	63 0	123,981	27 0	720,211	427,008	262,752	61 5	106,743	25 0
Average Weekly Hours	42 9	—	—	—	—	—	42 8	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	11,776	5,067	3,146	62 1	2,829	55 8	10,165	5,016	3,132	62 4	2,805	55 9
Number of Workers	—	5,067	3,146	—	2,829	—	—	5,016	3,132	—	2,805	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	508,893	243,218	151,008	62 1	110,331	45 4	436,219	240,768	150,336	62 4	109,317	45 4
Average Weekly Hours	43 2	—	—	—	—	—	42 9	—	—	—	—	—
Curtiss, Louisville												
Total Number of Workers	933	648	243	37 5	42	6 5	538	342	127	37 1	0	0
Number of Workers	—	648	243	—	42	—	—	342	127	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—
Total Hours	39,919	31,104	11,664	37 5	1,638	5 3	25,062	16,416	6,096	37 1	0	0
Average Weekly Hours	42 8	—	—	—	—	—	46 6	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Curtiss, St. Louis																		
Total Number of Workers	5,848	3,294	2,386	72 4	331	10 0	4,635	2,730	1,830	67 3	320	11.8	3,841	1,981	1,286	64.9	209	10.6
Number of Workers	—	3,294	2,386	—	331	—	—	2,730	1,830	—	320	—	—	1,981	1,286	—	209	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	266,456	158,112	114,528	72 4	12,909	8.2	201,556	130,560	87,840	67 3	12,480	9.6	162,770	95,088	61,728	64 9	8,151	8.6
Average Weekly Hours	45 6	—	—	—	—	—	43 5	—	—	—	—	—	42.4	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	7,321	4,200	3,300	78 6	0	0	7,742	4,000	3,800	95 0	100	2.5	8,004	4,300	3,600	83.7	150	3.5
Number of Workers	—	4,200	3,300	—	—	—	—	4,000	3,800	—	100	—	—	4,300	3,600	—	150	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6	—	—	8	8	—	6	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	335,000	201,600	158,400	78 6	0	0	317,776	192,000	182,400	95 0	3,600	1 9	347,182	206,400	172,800	83.7	5,400	2.6
Average Weekly Hours	45 8	—	—	—	—	—	41.0	—	—	—	—	—	43.4	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	6,895	2,914	2,576	88.4	1,815	62 3	5,920	2,636	2,112	80 1	1,518	57.6	5,113	2,342	1,774	75.7	1,323	56 5
Number of Workers	—	2,908	2,426	—	1,815	—	—	2,626	2,009	—	1,518	—	—	2,342	1,774	—	1,323	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers[1]	—	6	150	—	—	—	—	10	103	—	—	—	—	—	—	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	—	—	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	289,766	139,728	120,048	85 9	70,785	50.7	273,610	126,288	98,904	78 3	59,202	46.9	241,666	112,416	85,152	75.7	51,597	45.9
Average Weekly Hours	42 0	—	—	—	—	—	46.2	—	—	—	—	—	47.3	—	—	—	—	—
Douglas, Long Beach																		
Total Number of Workers	19,660	9,132	7,771	85.1	3,516	38 5	19,707	9,203	7,821	85 0	3,315	36.0	19,568	9,129	7,703	84.4	3,311	36.3
Number of Workers	—	8,172	6,598	—	3,516	—	—	8,243	6,717	—	3,315	—	—	8,215	6,620	—	3,311	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	960	1,173	—	—	—	—	960	1,104	—	—	—	—	914	1,083	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	135,686	415,296	344,856	83 0	137,124	33 0	834,163	418,704	348,912	83.3	129,285	30.9	839,991	416,256	343,752	82 6	129,129	31 0
Average Weekly Hours	42.5	—	—	—	—	—	42.3	—	—	—	—	—	42.9	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	10,979	4,631	4,418	95 4	1,930	41 7	10,875	4,599	4,440	96.5	1,836	39.9	11,692	5,100	4,712	92.4	1,880	36.9
Number of Workers	—	4,631	4,418	—	1,930	—	—	4,599	4,440	—	1,836	—	—	5,100	4,712	—	1,880	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	7	—	—	6	6	—	7	—
Hours per Day	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	497,100	222,288	212,064	95 4	75,270	33 9	548,603	248,346	239,760	96.5	83,538	33 6	569,547	275,400	254,448	92 4	85,540	31 1
Average Weekly Hours	45 3	—	—	—	—	—	50 4	—	—	—	—	—	48.7	—	—	—	—	—
Douglas, Santa Monica																		
Total Number of Workers	13,373	5,737	4,631	80 7	2,987	52 1	13,339	5,592	4,516	80 8	2,903	51 9	14,085	6,069	4,975	82 0	3,137	51 7
Number of Workers	—	5,737	4,267	—	2,987	—	—	5,592	4,193	—	2,903	—	—	6,069	4,515	—	3,137	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	364	—	—	—	—	—	323	—	—	—	—	—	460	—	—	—
Hours per Day	—	—	4	—	—	—	—	—	4	—	—	—	—	—	4	—	—	—
Days per Week	—	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—
Total Hours	581,719	275,376	213,552	77 5	116,493	42 3	585,590	268,416	209,016	77 9	113,217	42 2	611,962	291,312	227,760	78 2	122,343	42 0
Average Weekly Hours	43 5	—	—	—	—	—	43 9	—	—	—	—	—	43 4	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	5,824	2,670	2,184	81 8	1,119	41 9	6,338	2,932	2,364	80 6	1,164	39 7	5,766	2,947	2,432	82 5	825	28 0
Number of Workers	—	2,670	2,184	—	1,119	—	—	2,932	2,364	—	1,164	—	—	2,947	2,432	—	825	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	269,400	128,160	104,832	81 8	43,941	34 1	283,500	140,736	113,472	80 6	45,396	32 3	260,287	141,456	116,736	82 5	32,175	22 7
Average Weekly Hours	46 3	—	—	—	—	—	44 8	—	—	—	—	—	45 1	—	—	—	—	—

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Curtiss, St. Louis																		
Total Number of Workers	3,652	2,140	1,439	67.2	111	5 2	3,656	2,472	1,662	67 2	128	5 2	3,630	2,120	1,425	67 2	105	5 0
Number of Workers	—	2,140	1,439	—	111	—	—	2,472	1,662	—	128	—	—	2,120	1,425	—	105	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	156,594	102,720	69,072	67.2	4,329	4 2	159,007	118,656	79,776	67.2	4,992	4 2	165,739	101,760	68,400	67 2	4,095	4 0
Average Weekly Hours	42.9	—	—	—	—	—	43 5	—	—	—	—	—	45 7	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	8,113	4,400	3,600	81.8	160	3 6	8,135	4,400	3,600	81.8	320	7.3	8,057	4,400	3,600	81.8	425	9 7
Number of Workers	—	4,400	3,600	—	160	—	—	4,400	3,600	—	320	—	—	4,400	3,600	—	425	—
Hours per Day	—	8	8	—	6	—	—	8	8	—	6	—	—	8	8	—	6	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	355,887	211,200	172,800	81.8	5,760	2.7	354,613	211,200	172,800	81.8	11,520	5.5	346,057	211,200	172,800	81.8	15,300	7 2
Average Weekly Hours	43.9	—	—	—	—	—	43 6	—	—	—	—	—	43 0	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	4,746	2,241	1,694	75.6	1,241	55 4	4,688	2,270	1,720	75 8	1,082	47 7	4,124	1,983	1,419	71.6	784	39 5
Number of Workers	—	2,241	1,694	—	—	—	—	2,266	1,683	—	1,082	—	—	1,983	1,419	—	784	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	4	37	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	4	4	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	225,161	107,568	81,312	75 6	48,399	45.0	220,325	108,864	81,672	75 0	42,198	38.8	165,829	95,184	68,112	71 6	30,576	32 1
Average Weekly Hours	47.4	—	—	—	—	—	47 0	—	—	—	—	—	40 2	—	—	—	—	—
Douglas, Long Beach																		
Total Number of Workers	18,729	8,844	7,319	82 8	3,237	36 6	17,902	8,491	7,023	82 7	3,093	36 4	17,652	8,345	6,491	77 8	2,901	34 8
Number of Workers	—	8,000	6,340	—	3,237	—	—	7,690	6,090	—	3,093	—	—	7,482	5,580	—	2,901	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	844	979	—	—	—	—	801	933	—	—	—	—	863	911	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	789,432	404,256	327,816	81 1	126,243	31.2	761,851	388,344	314,712	81 0	120,627	31 1	737,829	379,848	289,704	76.3	113,139	29 8
Average Weekly Hours	42.2	—	—	—	—	—	42 6	—	—	—	—	—	41.8	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	11,635	5,223	4,914	94 1	1,830	35 0	11,873	5,337	5,030	94.2	1,428	26.8	12,451	5,799	5,444	93 9	1,224	21 1
Number of Workers	—	5,223	4,914	—	1,830	—	—	5,337	5,030	—	1,428	—	—	5,799	5,444	—	1,224	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	7	—	—	6 75	6 75	—	7	—	—	6 75	6 75	—	7	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	580,588	282,042	265,356	94 1	832,651	29 5	591,973	288,198	271,620	94 2	64,974	22 5	624,949	313,146	293,976	93 9	55,692	17 8
Average Weekly Hours	49 9	—	—	—	—	—	49 9	—	—	—	—	—	50 2	—	—	—	—	—
Douglas, Santa Monica																		
Total Number of Workers	13,047	5,717	4,779	83 6	2,605	45 6	11,810	5,444	4,452	81 8	2,088	38 4	10,464	5,123	4,284	83 6	1,222	23 9
Number of Workers	—	5,717	4,328	—	2,605	—	—	5,444	4,051	—	2,088	—	—	5,123	4,122	—	1,222	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	451	—	—	—	—	—	401	—	—	—	—	—	162	—	—	—
Hours per Day	—	—	4	—	—	—	—	—	4	—	—	—	—	—	4	—	—	—
Days per Week	—	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—
Total Hours	567,194	274,416	218,568	79 6	101,595	37 0	525,786	261,312	204,072	78 1	81,432	31 2	471,871	245,904	201,744	82 0	47,658	19.4
Average Weekly Hours	43 8	—	—	—	—	—	44 5	—	—	—	—	—	45 1	—	—	—	—	—
Douglas, Tulsa																		
Total Number of Workers	5,302	3,087	2,574	83 4	7	0 2	5,318	2,916	2,540	87 4	51	1 7	5,436	2,997	2,518	84 0	131	4 4
Number of Workers	—	3,087	2,574	—	7	—	—	2,916	2,540	—	51	—	—	2,997	2,518	—	131	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	240,127	148,176	123,552	83 4	273	0 2	240,044	139,968	122,351	87 4	1,080	1 4	249,110	143,856	120,864	84 0	5,109	3 6
Average Weekly Hours	45 3	—	—	—	—	—	45 1	—	—	—	—	—	45 8	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Eastern, Linden																		
Total Number of Workers	5,783	4,471	4,168	93 2	166	3 7	5,803	4,464	4,281	95 9	95	2 1	8,633	4,332	4,071	94 0	245	5 7
Number of Workers	——	3,574	3,303	——	165	——	——	2,330	2,285	——	95	——	——	4,041	3,957	——	245	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	497	365	——	1	——	——	279	122	——	——	——	——	291	114	——	——	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	1,855	1,574	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	——	——	——	——	——
Total Hours	404,986	217,590	202,254	93 0	7,974	3 7	373,703	201,106	191,228	95 1	4,560	2 3	398,931	209,682	196,092	93 5	11,760	5 6
Average Weekly Hours	46 1	——	——	——	——	——	42 5	——	——	——	——	——	46 2	——	——	——	——	——
Eastern, Trenton																		
Total Number of Workers	14,388	7,006	6,188	88 3	1,373	19 6	14,060	6,904	6,100	88 4	1,205	17 5	13,965	6,955	6,098	87 7	1,111	16 0
Number of Workers	——	6,616	5,558	——	1,130	——	——	6,904	6,100	——	1,205	——	——	6,843	6,008	——	1,083	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	390	330	——	243	——	——	——	——	——	——	——	——	112	90	——	28	——
Hours per Day	——	8	8	——	8	——	——	——	——	——	——	——	——	8	8	——	8	——
Days per Week	——	7	7	——	7	——	——	——	——	——	——	——	——	7	7	——	7	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	659,129	339,408	299,864	88 3	67,848	20 0	633,986	331,392	292,800	88 4	57,840	17 5	632,651	334,736	293,424	87 7	53,552	16 0
Average Weekly Hours	45 8	——	——	——	——	——	45 1	——	——	——	——	——	45 3	——	——	——	——	——
Fairchild, Burlington																		
Total Number of Workers	550	510	338	66 3	2	0 4	1,128	664	438	66 0	26	3 9	1,240	717	535	74 6	32	4 5
Number of Workers	——	510	338	——	2	——	——	664	438	——	26	——	——	717	535	——	32	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	41,140	24,480	16,224	66 3	96	0 4	51,437	31,872	21,024	66 0	1,248	3 9	57,113	34,416	25,600	74 6	1,536	4 5
Average Weekly Hours	48 4	——	——	——	——	——	45 6	——	——	——	——	——	46 1	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	3,884	2,450[38]	1,400[38]	57 1	200[38]	8 2	4,189	2,400[38]	1,300[38]	54 2	200[38]	8 3	3,639	2,400[38]	1,200[38]	50 0	150[38]	6 3
Number of Workers	——	2,450[38]	1,400[38]	——	200[38]	——	——	2,400[38]	1,300[38]	——	200[38]	——	——	2,400[38]	1,200[38]	——	150[38]	——
Hours per Day	——	8[38]	8[38]	——	6 5[38]	——	——	8[38]	8[38]	——	6 5[38]	——	——	8[38]	8[38]	——	6 5[38]	——
Days per Week	——	6[38]	6[38]	——	6[38]	——	——	6[38]	6[38]	——	6[38]	——	——	6[38]	6[38]	——	6[38]	——
Total Hours	176,416	117,600[38]	67,200[38]	57 1	7,800	6 6	193,481	115,200[38]	62,400[38]	54.2	7,800[38]	6 8	167,740	115,200[38]	57,600[38]	50 0	5,850[38]	5 1
Average Weekly Hours	45 4	——	——	——	——	——	46 2	——	——	——	——	——	46 1	——	——	——	——	——
Fisher Body, Cleveland																		
Total Number of Workers	1,777	1,050	763	72 7	0	0	1,887	1,070	852	79 6	0	0	2,141	1,201	985	——	0	0
Number of Workers	——	1,050	763	——	——	——	——	1,070	852	——	——	——	——	1,201	985	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	89,066	56,700	41,202	72 7	0	0	91,988	57,780	46,008	79 6	0	0	103,216	64,854	53,190	82 0	0	0
Average Weekly Hours	50 1	——	——	——	——	——	48 8	——	——	——	——	——	48 2	——	——	——	——	——
[illegible]																		
Total Number of Workers	18,891	10,096	8,381	83 0	571	5 7	18,567	9,587	8,469	88 5	565	5 9	16,074	8,303	7,395	88 5	322	3 9
Number of Workers	——	10,096	8,381	——	571	——	——	9,587	8,469	——	565	——	——	8,303	7,395	——	322	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	837,473	545,184	395,514	72 6	40,304	5 7	818,812	528,498	457,326	86 5	40,510	5 8	761,602	461,902	399,472	86 5	17,788	3 9
Average Weekly Hours	44 3	——	——	——	——	——	42 7	——	——	——	——	——	47 5	——	——	——	——	——

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Eastern, Linden																		
Total Number of Workers	8,467	4,248	4,021	94 7	267	6 3	8,636	4,356	4,081	93 7	245	5 6	8,392	4,210	4,025	95 6	190	4 5
Number of Workers	——	3,961	3,878	——	267	——	——	3,980	3,854	——	245	——	——	3,944	3,910	——	190	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	151	13	——	——	——	——	376	227	——	——	——	——	127	115	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	136	130	——	——	——	——	——	——	——	——	——	——	139	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	——	——	——	——	——	——	9	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——	——	5 78	——	——	——	——
Total Hours	394,279	206,442	194,646	94 3	12,816	6 2	392,669	211,344	197,250	93 3	11,760	5 6	383,356	203,401	193,890	95 3	9,20	4 5
Average Weekly Hours	46 6	——	——	——	——	——	45 5	——	——	——	——	——	45 7	——	——	——	——	——
Eastern, Trenton																		
Total Number of Workers	14,166	7,066	6,071	85 9	1,353	19 1	14,363	6,995	6,038	86 3	1,571	22 5	14,514	7,210	6,214	86 2	1,781	19 2
Number of Workers	——	6,685	5,782	——	1,323	——	——	3,816	2,749	——	239	——	——	6,902	5,994	——	1,294	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	381	289	——	30	——	——	2,933	2,522	——	748	——	——	308	230	——	57	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Number of Workers	——	——	——	——	——	——	——	246	767	——	584	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	8	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	4	4	——	4	——	——	——	——	——	——	——
Total Hours	655,784	342,216	293,720	85 8	65,184	19 0	640,889	355,288	297,728	83 8	72,048	20 3	656,081	348,544	300,112	86 1	56,984	19 2
Average Weekly Hours	46 3	——	——	——	——	——	44 6	——	——	——	——	——	45 2	——	——	——	——	——
Fairchild, Burlington																		
Total Number of Workers	1,304	705	619	87 8	30	4 3	1,237	692	603	87 1	15	2 2	1,192	712	551	77 4	2	0 3
Number of Workers	——	705	619	——	30	——	——	46	32	——	15	——	——	——	——	——	2	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	6 5	——	——	——	——	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	——	——	——	6	——
Number of Workers	——	——	——	——	——	——	——	646	571	——	——	——	——	712	551	——	——	——
Hours per Day	——	——	——	——	——	——	——	8 5	8 5	——	——	——	——	8 5	8 5	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——
Hours per Day	——	——	——	——	——	——	——	1	1	——	——	——	——	1	1	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	59,878	33,840	29,712	87 8	1,440	4 3	55,812	33,216	28,944	87 1	585	1 8	56,482	34,176	26,448	77 4	534	9 2
Average Weekly Hours	45 9	——	——	——	——	——	45 1	——	——	——	——	——	47 4	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	3,234	2,100[38]	1,150[38]	54 8	75[38]	3 6	2,545	1,850[38]	750[38]	40 5	25[38]	1 4	2,310	1,800[38]	400[38]	22 2	200[38]	5 6
Number of Workers	——	2,100[38]	1,150[38]	——	75[38]	——	——	1,850[38]	750[38]	——	25[38]	——	——	1,800[38]	400[38]	——	150[38]	——
Hours per Day	——	8[38]	8[38]	——	6 5[38]	——	——	8[38]	8[38]	——	6 5[38]	——	——	8[38]	8[38]	——	6 5[38]	——
Days per Week	——	6[38]	6[38]	——	6[38]	——	——	6[38]	6[38]	——	6[38]	——	——	6[38]	6[38]	——	6[38]	——
Total Hours	146,761	100,800[38]	55,200[38]	54 8	2,925[38]	2 9	117,308	88,800[38]	36,000[38]	40 5	975[38]	1 1	107,292	86,400[38]	19,200[38]	22 2	2,892[38]	4 5
Average Weekly Hours	46 0	——	——	——	——	——	46 1	——	——	——	——	——	46 4	——	——	——	——	——
Fisher Body, Cleveland																		
Total Number of Workers	2,291	1,260	1,086	86 2	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	1,260	1,086	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	108,618	68,040	58,644	86 2	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	47 4	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
[illegible]																		
Total Number of Workers	14,694	7,747	7,140	92 2	304	3 9	14,053	7,020	6,614	86 8	144	2	13,835	7,623	5,880	77 9	34	1 8
Number of Workers	——	7,747	7,140	——	304	——	——	7,020	6,614	——	144	——	——	7,537	5,800	——	134	——
Hours per Day	——	9	9	——	9	——	——	9	9	——	9	——	——	9	9	——	9	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	98	64	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	707,564	418,338	385,560	92 2	16,416	3 9	668,775	411,480	357,120	86 8	7,776	1 9	641,242	411,246	316,560	77 0	7,236	1 8
Average Weekly Hours	48 2	——	——	——	——	——	45 6	——	——	——	——	——	46 6	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

PLANT	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled				Actual		Scheduled			
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Globe, Ft. Worth																																				
Total Number of Workers	933	699	234	33 5	0	0	848	635	224	35 3	0	0	791	668	139	20.8	0	0	670	651	33	5 1	0	0	651	670	0	0	0	0	540	540	74	13 7	0	0
Number of Workers	—	699	234	—	—	—	—	635	224	—	—	—	—	668	139	—	—	—	—	651	33	—	—	—	—	670	—	—	—	—	—	540	74	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	—	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	—	—	—	—	—	6	6	—	—	—
Total Hours	40,774	33,552	11,232	33 5	0	0	37,679	30,480	10,752	35 3	0	0	37,728	32,064	6,672	20.8	0	0	33,004	31,248	1,584	5 1	0	0	35,235	32,160	0	0	0	0	27,733	25,920	3,552	13 7	0	0
Average Weekly Hours	43 7	—	—	—	—	—	44 4	—	—	—	—	—	47 7	—	—	—	—	—	49 3	—	—	—	—	—	54 1	—	—	—	—	—	51 4	—	—	—	—	—
Goodyear, Akron																																				
Total Number of Workers	13,246	6,700	4,500	67 2	3,700	55 2	12,586	6,700	4,500	67 2	3,700	55 2	11,457	6,700	4,500	67.2	3,700	55.2	10,513	6,120	4,080	66 7	3,400	55 6	10,624	6,120	4,080	66 7	3,400	55 6	10,230	5,120	4,080	79 7	3,400	66 4
Number of Workers	—	6,700	4,500	—	3,700	—	—	6,700	4,500	—	3,700	—	—	6,700	4,500	—	3,700	—	—	6,120	4,080	—	3,400	—	—	6,120	4,080	—	3,400	—	—	5,120	4,080	—	3,400	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	620,117	321,600	216,000	67 2	144,300	44 9	559,364	321,600	216,000	67 2	144,300	44 9	504,420	321,600	216,000	67 2	144,300	44.9	469,732	293,760	195,840	66.7	132,600	45.1	474,185	293,760	195,840	66 7	132,600	45 1	464,531	245,760	195,840	79 7	132,600	54 0
Average Weekly Hours	46 8	—	—	—	—	—	44 4	—	—	—	—	—	44 0	—	—	—	—	—	44 7	—	—	—	—	—	44.6	—	—	—	—	—	45 4	—	—	—	—	—
Grumman, Both Page																																				
Total Number of Workers	16,285	12,388	3,688	29 8	0	0	15,832	12,066	3,668	30 4	0	0	15,250	11,923	3,246	.27.2	0	0	14,958	11,464	3,463	30 2	0	0	14,825	11,364	3,455	30.4	0	0	13,822	10,815	2,997	27 7	0	0
Number of Workers	—	8,399	2,325	—	—	—	—	12,066	3,668	—	—	—	—	8,213	2,081	—	—	—	—	7,911	2,224	—	—	—	—	7,810	2,224	—	—	—	—	10,815	2,997	—	—	—
Hours per Day	—	9 8	9 8	—	—	—	—	9.8	9.8	—	—	—	—	9.8	9 8	—	—	—	—	9.8	9.8	—	—	—	—	9.8	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5.8	5 8	—	—	—	—	5 8	5 8	—	—	—	—	5.8	5.8	—	—	—	—	5.8	5.8	—	—	—	—	5 8	5.8	—	—	—	—	5	5	—	—	—
Number of Workers	—	3,989	1,363	—	—	—	—	—	—	—	—	—	—	3,710	1,165	—	—	—	—	3,553	1,239	—	—	—	—	3,554	1,231	—	—	—	—	—	—	—	—	—
Hours per Day	—	9.8	9 8	—	—	—	—	—	—	—	—	—	—	9.8	9.8	—	—	—	—	9 8	9.8	—	—	—	—	9.8	10	—	—	—	—	—	—	—	—	—
Days per Week	—	5 3	5 3	—	—	—	—	—	—	—	—	—	—	5.3	5.3	—	—	—	—	5.3	5.3	—	—	—	—	5.3	5 3	—	—	—	—	—	—	—	—	—
Total Hours	820,279	684,588	202,947	29 6	0	0	751,388	685,831	208,489	30 4	0	0	761,010	659,524	178,794	27.1	0	0	707,541	634,204	190,766	30.1	0	0	697,302	628,515	194,235	30 9	0	0	608,643	540,750	149,850	27.7	0	0
Average Weekly Hours	50 4	—	—	—	—	—	47 5	—	—	—	—	—	49 9	—	—	—	—	—	47.3	—	—	—	—	—	46.7	—	—	—	—	—	44 0	—	—	—	—	—
Higgins, New Orleans																																				
Total Number of Workers	536	428	105	24 5	0	0	639	526	93	17 7	3	0.6	625	491	111	22 6	3	.6	723	550	137	24.9	2	0.4	797	600	180	30 0	0	0	1,108	730	355	48 6	.0	0
Number of Workers	—	428	105	—	—	—	—	526	93	—	3	—	—	491	111	—	3	—	—	550	137	—	2	—	—	600	180	—	—	—	—	730	355	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	26,163	20,544	5,040	24 5	0	0	29,397	25,248	4,464	17.7	117	0 5	29,025	23,568	5,328	22.6	117	.5	33,544	26,400	6,576	24.9	78	0.3	38,616	28,800	8,640	30 0	0	0	49,097	35,040	17,040	48 6	0	0
Average Weekly Hours	48.6	—	—	—	—	—	46.0	—	—	—	—	—	45 4	—	—	—	—	—	46 4	—	—	—	—	—	48 5	—	—	—	—	—	44 3	—	—	—	—	—
Howard, Chicago																																				
Total Number of Workers	934	664	328	49 4	0	0	839	608	276	45 4	12	2 0	803	568	277	48 8	0	0	315	334	0	0	0	0	222	223	0	0	0	0	81	87	0	0	0	0
Number of Workers	—	664	328	—	—	—	—	608	276	—	12	—	—	568	277	—	—	—	—	334	0	—	—	—	—	223	0	—	—	—	—	87	0	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	8	—	—	8	8	—	—	—	—	8	0	—	—	—	—	8	0	—	—	—	—	8	0	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	6	—	—	6	6	—	—	—	—	6	0	—	—	—	—	6	0	—	—	—	—	6	0	—	—	—
Total Hours	37,740	31,872	15,744	49 4	0	0	36,026	29,184	13,248	45 4	576	2 0	34,394	27,264	13,296	48 8	0	0	11,609	16,032	0	0	0	0	10,235	10,704	0	0	0	0	3,819	4,176	0	0	0	0
Average Weekly Hours	40 4	—	—	—	—	—	42 9	—	—	—	—	—	42.8	—	—	—	—	—	36 9	—	—	—	—	—	46 1	—	—	—	—	—	47 1	—	—	—	—	—
Kellett Autogiro, Phila																																				
Total Number of Workers	1,657	868	453	52 2	336	38 7	1,631	868	429	49 4	334	38 5	1,629	862	426	49 4	341	39 6	1,483	732	443	60 5	400	54 6							1,043	609	377	61 9	102	16 7
Number of Workers	—	826	427	—	335	—	—	813	406	—	329	—	—	789	426	—	341	—	—	673	443	—	400	—	—	602	377	—	102	—	—	602	377	—	7	—
Hours per Day	—	8	7 5	—	7	—	—	8	7 5	—	7	—	—	8	7 5	—	7	—	—	8	7 5	—	7	—	—	8	7 5	—	6	—	—	8	7 5	—	6	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	42	26	—	1	—	—	55	23	—	5	—	—	73	—	—	—	—	—	59	—	—	—	—	—	7	—	—	—	—	—	8	—	—	—	—
Hours per Day	—	8	7 5	—	7	—	—	8	7 5	—	7	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	—	—	—	—	—	7	—	—	—	—	—	7	—	—	—	—	—	7	—	—	—	—
Total Hours	73,642	42,000	20,580	49 0	14,119	33 6	73,115	42,104	19,478	46 3	14,063	33 4	72,969	41,960	19,170	45 7	14,322	34 1	57,736	35,608	19,935	56 0	16,800	47 2							46,290	29,288	16,965	57 9	4,294	14 6
Average Weekly Hours	44 4	—	—	—	—	—	44 8	—	—	—	—	—	44 8	—	—	—	—	—	38 9	—	—	—	—	—	NA						44 4	—	—	—	—	—
Lockheed, Burbank, Bl																																				
Total Number of Workers	20,074	8,249	6,807	82 5	5,147	62 4	18,197	7,610	6,206	81 6	4,595	60 4	17,426,441	13,445	9,115	67 8	4,636	34 5	25,213	12,948	8,423	65 1	4,327	33 4	23,321	12,090	7,735	64 0	4,116	34 0	22,740	11,570	7,124	61 6	3,703	32 0
Number of Workers	—	8,249	6,807	—	5,147	—	—	7,431	5,998	—	4,595	—	—	13,184	8,815	—	4,636	—	—	12,626	8,193	—	4,327	—	—	11,967	7,498	—	4,116	—	—	11,371	7,041	—	3,703	—
Hours per Day	—	8	—	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	—	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	179	208	—	—	—	—	261	300	—	—	—	—	322	230	—	—	—	—	123	237	—	—	—	—	199	83	—	—	—
Hours per Day	—	—	—	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	—	—	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	824,053	395,952	326,736	82 5	300,733	50 7	764,118	360,984	292,896	81 1	179,205	49 6	1,192,366	639,096	430,320	67 3	190,804	25 3	1,066,201	613,776	398,784	65 0	168,753	27 5	1,070,351	577,368	365,592	63 3	160,524	27 8	1,004,172	550,584	339,960	61 7	144,417	26 2
Average Weekly Hours	41 1	—	—	—	—	—	42 0	—	—	—	—	—	45 1	—	—	—	—	—	42 3	—	—	—	—	—	45 9	—	—	—	—	—	44 2	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas, A & B																		
Total Number of Workers	17,497	9,834	7,635	77 6	28	0 3	18,619	10,380	8,233	79 3	6	0 1	20,670	10,984	9,191	83.7	3	.0
Number of Workers	—	"	4,154	—	28	—	—	909	764	—	6	—	—	"	"	—	3	—
Hours per Day	—	"	8	—	3	—	—	8	8	—	8	—	—	"	"	—	8	—
Days per Week	—	"	6	—	6	—	—	6	6	—	6	—	—	"	"	—	6	—
Number of Workers	—	—	1,119	—	—	—	—	2,907	2,457	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	9	—	—	—	—	9	9	—	—	—	—	—	—	—	—	—
Days per Week	—	—	6	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Number of Workers	—	—	2,362	—	—	—	—	6,564	5,012	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	10	—	—	—	—	10	10	—	—	—	—	—	—	—	—	—
Days per Week	—	—	6	—	—	—	—	6	6	—	—	—	—	—	—	—	—	—
Total Hours	883,976	520,350	401,538	77 2	1,344	0 3	942,386	594,450	470,070	79 1	288	0 0	1,014,953	606,518	509,370	84 0	144	0 0
Average Weekly Hours	50 5	—	—	—	—	—	50 6	—	—	—	—	—	49.1	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	10,715	6,363	3,961	57 7	0	0	10,796	6,902	3,981	57 7	0	0	10,501	6,774	3,813	56 3	0	0
Number of Workers	—	4,842	2,513	—	—	—	—	5,104	2,843	—	—	—	—	5,018	2,695	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	1,886	1,297	—	—	—	—	1,698	1,015	—	—	—	—	1,645	1,001	—	—	—
Hours per Day	—	9 66	9.66	—	—	—	—	9.66	9.66	—	—	—	—	9 66	9.66	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	135	151	—	—	—	—	100	123	—	—	—	—	111	117	—	—	—
Hours per Day	—	6 33	5	—	—	—	—	6.33	5	—	—	—	—	6.33	5	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Total Hours	525,142	356,540	204,599	57 4	.0	0	522,605	357,414	204,054	57 1	0	0	505,886	350,460	195,693	55.8	0	0
Average Weekly Hours	49 0	—	—	—	—	—	48.4	—	—	—	—	—	48.2	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	9,979	5,210	4,810	92 3	0	0	9,732	5,073	4,672	92 1	0	0	9,262	4,943	4,159	84 1	0	0
Number of Workers	—	4,042	3,867	—	—	—	—	3,532	3,380	—	—	—	—	3,891	3,332	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	1,168	943	—	—	—	—	1,541	1,292	—	—	—	—	1,052	827	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	513,901	272,180	249,930	91 8	0	0	469,099	269,060	246,520	91.6	0	0	454,924	257,670	216,220	83.9	0	0
Average Weekly Hours	51 5	—	—	—	—	—	48 2	—	—	—	—	—	49.1	—	—	—	—	—
Northrop, Hawthorne																		
Total Number of Workers	3,034	1,714	1,335	77 9	18	1 1	3,116	1,796	1,322	73 6	18	1.0	3,294	1,886	1,442	76.5	0	0
Number of Workers	—	32	27	—	18	—	—	34	25	—	18	—	—	31	17	—	—	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	—	—
Number of Workers	—	1,679	1,283	—	—	—	—	1,761	1,278	—	—	—	—	1,855	1,331	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	3	25	—	—	—	—	1	19	—	—	—	—	—	94	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	—	4	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	—	5	—	—	—
Total Hours	143,121	85,546	65,946	77 1	864	1 0	145,565	89,702	65,480	73 0	864	1.0	153,556	94,238	69,246	73 5	0	0
Average Weekly Hours	47 2	—	—	—	—	—	46 7	—	—	—	—	—	46 6	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	845	507	338	66 7	0	0	763	456	307	67 3	0	0	828	497	331	66 6	0	0
Number of Workers	—	507	338	—	—	—	—	456	307	—	—	—	—	497	331	—	—	—
Hours per Day	—	8 6	10	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	4	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	36,724	24,336	16,224	66 7	0	0	30,336	18,240	12,280	67 3	0	0	32,872	19,880	13,240	66 6	0	0
Average Weekly Hours	43 5	—	—	—	—	—	39 8	—	—	—	—	—	39 7	—	—	—	—	—

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
North American, Dallas, A & B																		
Total Number of Workers	20,985	11,138	9,259	83 1	0	0	20,421	11,020	9,162	83 1	0	0	19,198	10,144	8,722	86 0	0	0
Number of Workers	—	"	"	—	—	—	—	2,059	1,816	—	—	—	—	1,936	1,740	—	—	—
Hours per Day	—	"	"	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	"	"	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	8,961	7,346	—	—	—	—	8,208	6,982	—	—	—
Hours per Day	—	—	—	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	5	5.	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	1,064,723	610,860	504,178	82.5	0	0	1,013,135	571,590	476,260	83.3	0	0	929,764	526,560	453,500	86 1	0	0
Average Weekly Hours	50.7	—	—	—	—	—	49 6	—	—	—	—	—	48 4	—	—	—	—	—
North American, Inglewood																		
Total Number of Workers	10,266	6,619	3,723	56 2	0	0	10,122	6,461	3,525	54.6	0	0	9,096	5,879	3,200	54 4	0	0
Number of Workers	—	4,891	2,643	—	—	—	—	4,703	2,561	—	—	—	—	4,680	2,493	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	1,585	977	—	—	—	—	1,616	869	—	—	—	—	1,182	637	—	—	—
Hours per Day	—	9.66	9.66	—	—	—	—	9.66	9.66	—	—	—	—	9 66	9 66	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	143	103	—	—	—	—	142	95	—	—	—	—	17	70	—	—	—
Hours per Day	—	6 33	5	—	—	—	—	6.33	5	—	—	—	—	5	5	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	5	5	—	—	—
Total Hours	499,760	341,848	191,352	56.0	0	0	479,343	334,206	190,792	54 1	0	0	429,473	302,934	163,321	53 9	0	0
Average Weekly Hours	48 7	—	—	—	—	—	47.4	—	—	—	—	—	47 2	—	—	—	—	—
North American, Kansas City																		
Total Number of Workers	9,417	5,040	4,172	82 8	0	0	10,529	5,670	4,797	84.6	0	0	10,190	5,650	4,441	78 6	0	0
Number of Workers	—	4,130	3,434	—	—	—	—	4,102	3,434	—	—	—	—	5,533	4,345	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	910	738.	—	—	—	—	1,568	1,363	—	—	—	—	117	96	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	462,054	261,100	215,980	82.7	0	0	538,404	299,180	253,480	84 7	0	0	513,492	283,670	223,010	78 6	0	0
Average Weekly Hours	49.1	—	—	—	—	—	51 1	—	—	—	—	—	50 4	—	—	—	—	—
Northrop, Hawthorne																		
Total Number of Workers	3,338	1,981	1,390	70 2	0	0	3,334	1,956	1,427	73 0	0	0	3,624	2,084	1,596	76 6	0	0
Number of Workers	—	26	27	—	—	—	—	25	—	—	—	—	—	29	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	6	6	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—
Number of Workers	—	1,954	1,250	—	—	—	—	1,929	—	—	—	—	—	2,053	—	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	5	5	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—
Number of Workers	—	1	113	—	—	—	—	2	—	—	—	—	—	2	—	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	—	—	—	—	—	4	—	—	—	—
Days per Week	—	5	5	—	—	—	—	5	—	—	—	—	—	5	—	—	—	—
Total Hours	152,900	98,968	66,056	66 7	0	0	154,394	97,690	65,715	67 3	0	0	166,068	104,082	73,018	70 2	0	0
Average Weekly Hours	45 8	—	—	—	—	—	46 3	—	—	—	—	—	45 8	—	—	—	—	—
Piper, Lockhaven																		
Total Number of Workers	818	489	329	67 3	0	0	939	561	367	65 4	0	0	1,027	606	403	66 5	0	0
Number of Workers	—	489	329	—	—	—	—	561	367	—	—	—	—	606	403	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	30,656	19,560	13,160	67 3	0	0	36,367	22,440	14,680	65 4	0	0	39,813	24,240	16,120	66 5	0	0
Average Weekly Hours	37 5	—	—	—	—	—	40 9	—	—	—	—	—	38 8	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1944

FACILITY	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled — Second Shift Number	JANUARY — Scheduled — Second Shift % of First	JANUARY — Scheduled — Third Shift Number	JANUARY — Scheduled — Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Actual — First Shift	FEBRUARY — Scheduled — Second Shift Number	FEBRUARY — Scheduled — Second Shift % of First	FEBRUARY — Scheduled — Third Shift Number	FEBRUARY — Scheduled — Third Shift % of First	MARCH — Actual — All Shifts	MARCH — Actual — First Shift	MARCH — Scheduled — Second Shift Number	MARCH — Scheduled — Second Shift % of First	MARCH — Scheduled — Third Shift Number	MARCH — Scheduled — Third Shift % of First
Republic, Evansville																		
Total Number of Workers	4,581	2,906	2,044	70 3	0	0	4,177	2,743	1,667	60 8	0	0	3,958	2,385	1,700	71 3	0	0
Number of Workers	——	2,906	2,044	——	——	——	——	1,756	1,361	——	——	——	——	681	547	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 8	5 8	——	——	——	——	5 8	5 8	——	——	——	——	5.8	5 8	——	——	——
Number of Workers	——	——	——	——	——	——	——	697	142	——	——	——	——	1,307	867	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	290	164	——	——	——	——	397	286	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	6 6	6 6	——	——	——	——	6 6	6 6	——	——	——
Total Hours	256,159	168,548	115,552	70 3	0	0	235,251	155,538	96,862	62 2	0	0	221,845	131,050	93,952	71 7	0	0
Average Weekly Hours	55 9	——	——	——	——	——	56.3	——	——	——	——	——	56.0	——	——	——	——	——
Republic, Farmingdale																		
Total Number of Workers	8,376	4,562	3,966	86.9	0	0	8,158	4,206	4,107	97.6	0	0	7,370	4,079	3,293	80 7	0	0
Number of Workers	——	4,562	3,966	——	——	——	——	4,206	4,107	——	——	——	——	4,079	3,293	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 8	5 8	——	——	——	——	5 8	5.8	——	——	——	——	5.8	5.8	——	——	——
Total Hours	465,706	264,596	230,028	86 9	0	0	438,900	243,948	238,206	97 6	0	0	386,925	236,582	190,994	80 7	0	0
Average Weekly Hours	55.6	——	——	——	——	——	53 8	——	——	——	——	——	52.5	——	——	——	——	——
Ryan, San Diego																		
Total Number of Workers	2,802	1,603	1,189	74 2	176	11 0	3,070	1,610	1,325	82.3	175	10 9	3,079	1,676	1,322	78 9	147	8 8
Number of Workers	——	1,603	1,189	——	176	——	——	1,610	1,325	——	175	——	——	1,676	1,322	——	147	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	128,007	76,944	57,072	74 2	6,864	8.9	135,943	77,280	63,600	82.3	6,825	8 8	131,378	80,448	63,456	78 9	5,733	7 1
Average Weekly Hours	45.7	——	——	——	——	——	44 3	——	——	——	——	——	42 7	——	——	——	——	——
Sikorsky, Bridgeport																		
Total Number of Workers	352	312	44	14 1	0	0	339	300	51	17.0	0	0	339	301	45	15 0	0	0
Number of Workers	——	312	44	——	——	——	——	300	51	——	——	——	——	301	45	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 5	5 5	——	——	——	——	5.5	5 5	——	——	——	——	5.5	5 5	——	——	——
Total Hours	19,450	17,160	2,420	14 1	0	0	19,252	16,500	2,805	17.0	0	0	17,523	16,555	2,475	15 0	0	0
Average Weekly Hours	55 3	——	——	——	——	——	56 8	——	——	——	——	——	51 7	——	——	——	——	——
St. Louis Aircraft, St. Louis																		
Total Number of Workers	490	439	42	9 6	0	0	183	183	0	0	0	0	——	——	——	——	——	——
Number of Workers	——	439	42	——	——	——	——	183	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	22,079	21,072	2,016	9 6	0	0	6,599	5,784	0	0	0	0	——	——	——	——	——	——
Average Weekly Hours	45 1	——	——	——	——	——	36 1	——	——	——	——	——	——	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	473	420	80	19 0	0	0	445	400	0	0	0	0	437	400	0	0	0	0
Number of Workers	——	420	80	——	——	——	——	400	——	——	——	——	——	400	——	——	——	——
Hours per Day	——	8	10	——	——	——	——	8	——	——	——	——	——	8	——	——	——	——
Days per Week	——	6	5	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——
Total Hours	22,657	20,160	4,000	19 8	0	0	21,405	19,200	0	0	0	0	20,891	19,200	0	0	0	0
Average Weekly Hours	47 9	——	——	——	——	——	48 1	——	——	——	——	——	47 8	——	——	——	——	——
Ward Tray																		
Total Number of Workers	727	441	302	68 5	0	0	720	439	299	68 1	0	0	706	443	287	64 8	0	0
Number of Workers	——	441	302	——	——	——	——	439	299	——	——	——	——	443	287	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	36,567	23,814	16,308	68 5	0	0	46,030	23,706	16,136	68 1	0	0	38,730	23,922	15,498	64 8	0	0
Average Weekly Hours	50 3	——	——	——	——	——	50 1	——	——	——	——	——	50 6	——	——	——	——	——

FACILITY	APRIL — Actual — All Shifts	APRIL — Actual — First Shift	APRIL — Scheduled — Second Shift Number	APRIL — Scheduled — Second Shift % of First	APRIL — Scheduled — Third Shift Number	APRIL — Scheduled — Third Shift % of First	MAY — Actual — All Shifts	MAY — Actual — First Shift	MAY — Scheduled — Second Shift Number	MAY — Scheduled — Second Shift % of First	MAY — Scheduled — Third Shift Number	MAY — Scheduled — Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Actual — First Shift	JUNE — Scheduled — Second Shift Number	JUNE — Scheduled — Second Shift % of First	JUNE — Scheduled — Third Shift Number	JUNE — Scheduled — Third Shift % of First
Republic, Evansville																		
Total Number of Workers	3,701	2,206	1,754	79 5	0	0	3,041	2,268	1,052	46 4	0	0	2,784	2,087	697	33 4	0	0
Number of Workers	——	1,301	1,094	——	——	——	——	1,198	679	——	——	——	——	1,636	488	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 8	5.8	——	——	——	——	5 8	5 8	——	——	——	——	5 8	5 8	——	——	——
Number of Workers	——	725	510	——	——	——	——	695	143	——	——	——	——	110	9	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	180	150	——	——	——	——	375	230	——	——	——	——	341	200	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6 8	6 6	——	——	——	——	6 6	6 6	——	——	——	——	6 6	6 6	——	——	——
Total Hours	209,855	123,568	98,852	80 0	0	0	167,966	125,984	61,712	47 8	0	0	167,101	122,894	41 954	34 1	0	0
Average Weekly Hours	56 7	——	——	——	——	——	55 2	——	——	——	——	——	60 0	——	——	——	——	——
Republic, Farmingdale																		
Total Number of Workers	6,552	3,476	3,353	96 5	0	0	6,032	4,471	1,628	36 4	0	0	5,720	4,393	1,497	34 1	0	0
Number of Workers	——	3,476	3,353	——	——	——	——	4,471	1,628	——	——	——	——	4,393	1,497	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5 8	5.8	——	——	——	——	5 9	5 9	——	——	——	——	5 89	5 89	——	——	——
Total Hours	342,014	201,608	194,474	96 5	0	0	307,029	237,410	86,447	36 4	0	0	284,856	232,873	79,356	34 1	0	0
Average Weekly Hours	52.2	——	——	——	——	——	50 9	——	——	——	——	——	49 8	——	——	——	——	——
Ryan, San Diego																		
Total Number of Workers	2,911	1,617	1,262	78.0	131	8 1	2,890	1,579	1,224	77 5	147	9 3	2,729	1,496	1,209	80 9	121	8 1
Number of Workers	——	1,617	1,262	——	131	——	——	1,579	1,224	——	147	——	——	1,320	1,098	——	121	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	5 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	169	35	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6 8	6 8	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	7	76	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	4	4	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——
Total Hours	124,606	77,616	60,576	78.0	5,109	6 6	122,642	75,792	58,752	77 5	5,733	7 6	114,649	75,020	56,908	75 9	4,719	6 3
Average Weekly Hours	42.8	——	——	——	——	——	42.4	——	——	——	——	——	42 0	——	——	——	——	——
Sikorsky, Bridgeport																		
Total Number of Workers	323	298	34	11.4	0	0	326	295	35	11 8	0	0	297	271	35	12 9	0	0
Number of Workers	——	298	34	——	——	——	——	296	35	——	——	——	——	271	35	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 5	5.5	——	——	——	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——
Total Hours	16,863	16,390	1,870	11 4	0	0	17,358	16,290	1,925	11 8	0	0	15,346	14,905	1,925	12 9	0	0
Average Weekly Hours	52 2	——	——	——	——	——	53 2	——	——	——	——	——	51 7	——	——	——	——	——
St. Louis Aircraft, St. Louis																		
Total Number of Workers	37,206	23,758	15,012	58 3	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	50 2	——	——	——	——	——	——	8	5	—	6 5	——	——	8	5	——	6 5	——
Hours per Day	——	8	8	——	6 5	——	——	5	5	——	5	——	——	5	5	——	5	——
Days per Week	——	5	5	——	5	——	——	6	6	—	6	——	——	6	6	——	6	——
Total Hours	——	6	6	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	403	307	80	26 1	0	0	398	325	70	21 5	0	0	420	340	68	20 0	0	0
Number of Workers	——	307	80	——	——	——	——	325	70	——	——	——	——	340	68	——	——	——
Hours per Day	——	8	10	——	——	——	——	8	10	——	——	——	——	8	19	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	—	——	——	——	6	5	——	——	——
Total Hours	19,022	14,736	4,000	27 1	0	0	18,944	15,999	3,539	22 4	0	0	19,701	15,320	3,400	20 8	0	0
Average Weekly Hours	47 2	——	——	——	——	——	47 6	——	——	——	——	——	46 9	——	——	——	——	——
Ward Tray																		
Total Number of Workers	741	477	278	58 3	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	477	278	——	——	——	——	9	9	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	5	6	——	——	——	——	——	——	——	——	——
Days per Week	——	5	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	37,206	25,758	15,012	58 3	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	50 2	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
All Facilities																		
Total Number of Workers	340,246	199,791	130,901	65 5	20,991	10 5	343,919	200,820	128,857	64 2	21,096	10 5	329,336	193,497	121,798	62.9	18,637	9 6
Total Hours	15,734,111	9,888,533	6,441,922	65 2	532,948	8 4	15,677,656	9,879,851	6,313,117	63 9	533,871	8.4	14,786,590	9,533,354	5,923,879	62 1	744,414	7 8
Average Weekly Hours	45 4	49 5	49 2	—	39.7	—	45.6	49 2	49.0	—	39 5	—	44.9	49.3	48.6	—	39.9	—
Aeronca, Middletown																		
Total Number of Workers	334	307	36	11 7	2	0 7	368	346	43	12 4	2	0 6	429	348	103	29.6	0	0
Number of Workers	—	307	36	—	2	—	—	346	43	—	2	—	—	348	103	—	—	—
Hours per Day	—	8	9 6	—	8	—	—	8	9 6	—	8	—	—	8	9.6	—	—	—
Days per Week	—	6	5	—	6	—	—	6	5	—	6	—	—	6	5	—	—	—
Total Hours	14,150	14,736	1,728	11 7	96	0.7	16,634	16,608	2,064	12.4	96	0.6	20,158	16,704	4,944	29.6	0	0
Average Weekly Hours	42 4	—	—	—	—	—	45.2	—	—	—	—	—	47.0	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	5,461	2,695	2,238	83 0	856	31 8	5,780	2,828	2,348	83 0	861	30.4	5,946	2,857	2,546	89.1	807	28 2
Number of Workers	—	2,695	2,238	—	856	—	—	2,828	2,348	—	861	—	—	2,857	2,546	—	807	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	268,540	129,360	107,424	83 0	33,384	25.8	274,028	135,744	112,704	83.0	33,579	24.7	274,223	137,136	122,208	89.1	31,473	23 0
Average Weekly Hours	49 2	—	—	—	—	—	47 4	—	—	—	—	—	46.1	—	—	—	—	—
Bell, Marietta																		
Total Number of Workers	10,926	5,474	4,596	84 0	643	11.7	11,340	5,861	4,358	74.4	949	16.2	10,715	5,937	4,493	75.7	766	12.9
Number of Workers	—	5,474	4,596	—	643	—	—	5,861	4,358	—	949	—	—	5,937	4,493	—	766	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	444,579	262,752	220,608	84 0	25,077	9.5	462,671	281,328	209,184	74 4	37,011	13 2	445,315	284,976	215,664	75.7	29,874	10 5
Average Weekly Hours	40.7	—	—	—	—	—	40 8	—	—	—	—	—	41 6	—	—	—	—	—
Bell, Buffalo[19]																		
Total Number of Workers	9,028	5,347	3,526	65 9	667	12 5	8,696	5,147	3,406	66 2	630	12 2	8,766	5,022	3,217	64.1	622	12 4
Number of Workers	—	5,344	3,520	—	667	—	—	5,147	3,405	—	630	—	—	5,022	3,217	—	622	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6[20]	6[20]	—	6[20]	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	3	6	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—
Days per Week	—	3	3	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—
Total Hours	370,500	256,584	169,104	65 9	26,013	10 1	377,008	247,056	163,464	66.2	24,570	9.9	406,042	241,056	154,416	64 1	24,258	10.1
Average Weekly Hours	41.0	—	—	—	—	—	43.4	—	—	—	—	—	46 3	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	1,456	802	412	51 4	133	16 6	1,488	927	492	53.1	180	19.4	1,326	789	433	54 9	155	19.6
Number of Workers	—	802	412	—	133	—	—	927	492	—	180	—	—	789	433	—	155	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	68,205	38,496	19,776	51 4	6,384	16 6	71,447	44,496	23,616	53 1	8,640	19 4	60,165	37,872	20,784	54.9	7,440	19 6
Average Weekly Hours	46 8	—	—	—	—	—	48.0	—	—	—	—	—	45.4	—	—	—	—	—
Boeing, Renton and Seattle																		
Total Number of Workers	10,942	10,621	7,369	69 4	1,520	14 3	20,038	10,375	7,513	72.4	1,688	16 3	19,089	9,879	7,010	71.0	1,689	17 1
Number of Workers	—	9,990	6,903	—	1,388	—	—	8,866	6,233	—	1,593	—	—	8,089	5,594	—	1,277	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	631	376	—	132	—	—	1,509	1,280	—	95	—	—	1,790	1,416	—	412	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	856,188	514,856	356,720	69 3	60,136	11 7	868,618	510,072	370,864	72 7	66,450	13 0	817,477	488,612	347,808	71 2	68,549	14 0
Average Weekly Hours	42 9	—	—	—	—	—	43 3	—	—	—	—	—	42.8	—	—	—	—	—
Boeing, Wichita, Nos 1 and 2																		
Total Number of Workers	10,137	5,759	4,906	85 2	0	0	10,441	5,956	5,282	88 7	0	0	9,737	5,483	4,863	88 7	0	0
Number of Workers	—	5,759	4,906	—	—	—	—	5,956	5,282	—	—	—	—	5,483	4,863	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	500,199	287,950	245,360	85 2	0	0	520,758	297,800	264,100	88 7	0	0	472,415	274,150	243,150	88 7	0	0
Average Weekly Hours	49 3	—	—	—	—	—	49 9	—	—	—	—	—	48 6	—	—	—	—	—

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
All Facilities																		
Total Number of Workers	323,677	192,762	116,873	60.6	15,873	8.2	312,050	190,987	112,188	58 7	14,492	7 6	318,482	194,456	116,666	60 0	13,553	7 0
Total Hours	14,815,385	9,480,375	5,702,837	60.2	625,337	6 6	14,406,117	9,514,037	5,565,038	58 5	571,683	6 0	14,477,541	9,666,705	5,738,522	59 4	535,504	5 6
Average Weekly Hours	45 8	49 2	48.8	—	39.4	—	46 2	49 8	49 6	—	39.5	—	45 5	49 7	49 2	—	39 7	—
Aeronca, Middletown																		
Total Number of Workers	496	402	123	30.6	0	0	501	404	116	28 7	0	0	489	409	94	23 0	1	1
Number of Workers	—	402	123	—	—	—	—	404	116	—	—	—	—	409	94	—	—	—
Hours per Day	—	8	9.6	—	—	—	—	8	9 6	—	—	—	—	8	9 6	—	—	—
Days per Week	—	6	5	—	—	—	—	6	5	—	—	—	—	6	5	—	—	—
Total Hours	23,541	19,296	5,904	30.6	0	0	22,522	19,392	5,568	28 7	0	0	21,785	19,632	4,512	23 0	0	0
Average Weekly Hours	47.5	—	—	—	—	—	45 0	—	—	—	—	—	44 6	—	—	—	—	—
Beech, Wichita																		
Total Number of Workers	5,863	2,800	2,467	88.1	751	26 8	6,053	2,852	2,053	87 8	764	26 8	6,347	2,961	2,659	89 8	815	27.5
Number of Workers	—	2,800	2,467	—	751	—	—	2,852	2,503	—	764	—	—	2,961	2,659	—	815	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	252,247	134,400	118,416	88.1	29,289	21 8	291,628	136,896	120,144	87 8	29,796	21.8	302,499	142,128	127,632	89 8	31,785	22.4
Average Weekly Hours	43.0	—	—	—	—	—	48.2	—	—	—	—	—	47 7	—	—	—	—	—
Bell, Marietta																		
Total Number of Workers	11,019	6,424	4,826	75.1	0	0	11,228	6,574	4,083	62 1	0	0	12,649	7,220	5,595	77.5	0	0
Number of Workers	—	6,424	4,826	—	—	—	—	6,574	4,083	—	—	—	—	7,220	5,595	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	5	5	—	—	—
Total Hours	508,923	346,896	260,604	75.1	0	0	527,110	354,996	220,482	62 1	0	0	496,709	324,900	251,775	77 5	0	0
Average Weekly Hours	46.2	—	—	—	—	—	46 9	—	—	—	—	—	39 3	—	—	—	—	—
Bell, Buffalo[19]																		
Total Number of Workers	8,818	5,229	3,313	63 4	661	12 6	8,971	5,292	3,409	64 4	629	11.9	8,568	5,140	3,667	71 3	47	0.9
Number of Workers	—	5,229	3,313	—	661	—	—	5,292	3,409	—	629	—	—	5,140	3,667	—	47	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6 5	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	418,586	250,992	159,024	63.4	25,779	10 3	404,815	254,016	163,632	64 4	24,531	9 7	342,229	267,280	176,016	65 9	1,833	0.7
Average Weekly Hours	47 5	—	—	—	—	—	45.1	—	—	—	—	—	39 9	—	—	—	—	—
Bellanca, Newcastle																		
Total Number of Workers	912	564	321	56.9	65	11 5	839	506	317	62 6	125	24 7	975	561	355	63 3	140	25 1
Number of Workers	—	564	321	—	65	—	—	506	317	—	125	—	—	561	355	—	140	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	41,130	27,072	15,408	56 9	3,130	11 5	37,873	24,288	15,216	62 6	6,000	24 7	45,194	26,928	17,040	63 3	6,720	24 9
Average Weekly Hours	45 1	—	—	—	—	—	45 1	—	—	—	—	—	46 4	—	—	—	—	—
Boeing, Renton and Seattle																		
Total Number of Workers	19,069	9,776	7,089	72 5	1,714	17 5	18,974	9,598	7,020	73 1	1,904	19 8	18,885	9,490	6,883	72 5	2,100	22
Number of Workers	—	8,218	5,904	—	1,477	—	—	7,056	5,127	—	1,306	—	—	5,647	3,902	—	1,082	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	1,558	1,185	—	237	—	—	2,542	1,893	—	598	—	—	3,843	3,081	—	1,018	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	7	7	—	7	—	—	7	7	—	7	—	—	7	7	—	7	—
Total Hours	797,825	451,712	349,752	72 6	65,386	14 2	811,687	481,040	352,104	73 2	79,143	16 2	836,096	488,264	355,032	73 0	88,547	18 2
Average Weekly Hours	41 8	—	—	—	—	—	42 8	—	—	—	—	—	44 3	—	—	—	—	—
Boeing, Wichita, Nos 1 and 2																		
Total Number of Workers	9,500	5,441	4,635	85 2	0	0	9,290	5,259	4,479	85 2	0	0	9,496	5,371	4,576	85 2	0	0
Number of Workers	—	5,441	4,635	—	—	—	—	5,259	4,479	—	—	—	—	5,371	4,576	—	—	—
Hours per Day	—	10	10	—	—	—	—	10	10	—	—	—	—	10	10	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	572,651	328,460	278,100	85 2	0	0	548,215	315,540	268,740	85 2	0	0	563,741	322,260	274,560	85 2	0	0
Average Weekly Hours	60 3	—	—	—	—	—	59 5	—	—	—	—	—	59 4	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Budd, Philadelphia[24]																		
Total Number of Workers	5,172	3,229	1,752	54 3	264	8 2	4,496	2,873	1,380	48 0	284	9 9	4,162	2,546	1,258	49.4	359	14 1
Number of Workers	—	3,229	1,752	—	264	—	—	2,873	1,380	—	284	—	—	2,546	1,258	—	359	—
Hours per Day	—	[25]	[25]	—	[25]	—	—	[25]	[25]	—	[25]	—	—	[25]	[25]	—	[25]	—
Days per Week	—	[25]	[25]	—	[25]	—	—	[25]	[25]	—	[25]	—	—	[25]	[25]	—	[25]	—
Total Hours	222,477	144,927	79,407	54 8	12,011	8 3	184,047	125,586	60,547	48.2	12,869	10 2	174,575	111,785	55,829	49.9	16,147	14 4
Average Weekly Hours	43 0	—	—	—	—	—	40 9	—	—	—	—	—	41 9	—	—	—	—	—
Cessna, Wichita																		
Total Number of Workers	1,256	1,039	237	22 8	0	0	1,199	960	213	22.2	0	0	1,171	940	219	23.2	0	0
Number of Workers	—	1,039	237	—	—	—	—	960	213	—	—	—	—	940	218	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	56,387	46,755	10,665	22 8	0	0	53,545	43,200	9,585	22 2	0	0	56,254	42,300	9,810	23.2	0	0
Average Weekly Hours	44 9	—	—	—	—	—	44.6	—	—	—	—	—	48.0	—	—	—	—	—
Chance Vought, Stratford and Bridgeport[24]																		
Total Number of Workers	4,736	2,868	1,868	65 1	0	0	4,698	2,865	1,909	66 6	0	0	4,773	2,979	1,890	63.4	0	0
Number of Workers	—	1,989	1,151	—	—	—	—	2,865	1,909	—	—	—	—	2,979	1,890	—	—	—
Hours per Day	—	10	10	—	—	—	—	9.6	9.6	—	—	—	—	9.6	9.6	—	—	—
Days per Week	—	5 3	5 3	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	879	717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5 3	5 3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	233,777	152,004	99,004	65 1	0	0	227,207	137,520	91,632	66 6	0	0	221,280	142,992	90,720	63.4	0	0
Average Weekly Hours	49 4	—	—	—	—	—	48 4	—	—	—	—	—	46.4	—	—	—	—	—
Columbia, Valley Stream																		
Total Number of Workers	1,393	1,125	266	23 6	0	0	1,442	1,169	273	23.4	0	0	1,440	1,178	261	22.2	0	0
Number of Workers	—	759	159	—	—	—	—	718	168	—	—	—	—	809	162	—	—	—
Hours per Day[25]	—	9 5	9 5	—	—	—	—	9.5	9.5	—	—	—	—	9.5	9.5	—	—	—
Days per Week[25]	—	5 84	5 84	—	—	—	—	5.84	5.84	—	—	—	—	5 84	5.84	—	—	—
Number of Workers	—	366	107	—	—	—	—	451	105	—	—	—	—	369	99	—	—	—
Hours per Day[25]	—	9 5	9 5	—	—	—	—	9.5	9.5	—	—	—	—	9.5	9.5	—	—	—
Days per Week[25]	—	5 42	5 42	—	—	—	—	5.42	5.42	—	—	—	—	5.42	5.42	—	—	—
Total Hours	65,857	60,955	14,331	23 5	0	0	67,903	63,057	14,727	23.4	0	0	58,359	63,883	14,085	22.0	0	0
Average Weekly Hours	47.3	—	—	—	—	—	47.1	—	—	—	—	—	40.5	—	—	—	—	—
Consol-Vultee, Allentown																		
Total Number of Workers	574	485	113	23 3	0	0	683	560	171	30.5	0	0	767	536	252	47.0	0	0
Number of Workers	—	485	113	—	—	—	—	560	171	—	—	—	—	536	252	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	27,912	23,280	5,424	23 3	0	0	31,112	26,880	8,208	30 5	0	0	34,951	25,728	12,096	47 0	0	0
Average Weekly Hours	48 6	—	—	—	—	—	45 6	—	—	—	—	—	45 3	—	—	—	—	—
Consol-Vultee, Downey																		
Total Number of Workers	3,026	2,224	1,003	45 1	138	6 2	2,838	2,047	957	46 8	104	5 1	2,434	1,772	857	48 4	64	3 6
Number of Workers	—	2,224	1,003	—	138	—	—	2,047	957	—	104	—	—	1,668	774	—	64	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	104	83	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	—	—	—
Total Hours	121,266	106,752	48,344	45 1	5,382	5 0	123,264	98,256	45,936	46 8	4,056	4 1	111,186	82,560	39,144	47 4	2,496	3.0
Average Weekly Hours	40 1	—	—	—	—	—	43 4	—	—	—	—	—	45 7	—	—	—	—	—
Consol-Vultee, Fort Worth																		
Total Number of Workers	9,474	5,374	4,153	81 6	35	0 7	9,068	5,201	4,054	77 9	37	0.7	9,098	5,358	3,884	72 5	61	1 1
Number of Workers	—	5,374	4,153	—	35	—	—	5,201	4,054	—	37	—	—	5,358	3,884	—	61	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	414,091	257,852	210,184	81 6	1,365	0 5	392,821	249,648	194,592	77 9	1,443	0.6	398,077	257,184	186,432	72.5	2,379	0.9
Average Weekly Hours	43 7	—	—	—	—	—	43 3	—	—	—	—	—	48 8	—	—	—	—	—

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual — All Shifts	Actual — First Shift	Scheduled — Second Shift Number	Second Shift % of First	Scheduled — Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Budd, Philadelphia[24]																		
Total Number of Workers	3,964	2,390	1,244	52 1	330	13 8	—	—	—	—	—	—	—	—	—	—	—	—
Number of Workers	—	2,390	1,244	—	330	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	[25]	[25]	—	[25]	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	[25]	[25]	—	[25]	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	171,259	104,842	55,431	52 9	14,864	14 2	—	—	—	—	—	—	—	—	—	—	—	—
Average Weekly Hours	43 2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cessna, Wichita																		
Total Number of Workers	1,207	1,053	151	14 3	0	0	1,188	1,029	157	15 3	0	0	1,253	1,054	199	17 2	0	0
Number of Workers	—	1,053	151	—	—	—	—	1,029	157	—	—	—	—	1,054	199	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	54,921	47,385	6,795	14.3	0	0	55,644	46,305	7,065	15 3	0	0	54,561	47,430	7,131	15 2	0	0
Average Weekly Hours	45.5	—	—	—	—	—	46 8	—	—	—	—	—	51 5	—	—	—	—	—
Chance Vought, Stratford and Bridgeport[24]																		
Total Number of Workers	4,877	3,101	1,933	62 3	0	0	5,053	3,150	2,007	63 7	0	0	5,136	3,254	2,057	63 0	0	0
Number of Workers	—	3,101	1,933	—	—	—	—	3,150	2,007	—	—	—	—	3,254	2,057	—	—	—
Hours per Day	—	9.6	9.6	—	—	—	—	9 6	9 6	—	—	—	—	9 6	9 6	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	244,193	148,848	92,784	62.3	0	0	258,450	151,200	96,336	63 7	0	0	272,719	156,192	98,388	63 0	0	0
Average Weekly Hours	50.1	—	—	—	—	—	51 1	—	—	—	—	—	53 1	—	—	—	—	—
Columbia, Valley Stream																		
Total Number of Workers	1,507	1,204	261	21.7	0	0	1,457	1,212	247	20 4	0	0	1,470	1,246	219	17 6	0	0
Number of Workers	—	844	164	—	—	—	—	844	156	—	—	—	—	870	219	—	—	—
Hours per Day[25]	—	9 5	9 5	—	—	—	—	9 5	9 5	—	—	—	—	9 5	111	—	—	—
Days per Week[25]	—	5 84	5 84	—	—	—	—	5.84	5 84	—	—	—	—	5 84	35	—	—	—
Number of Workers	—	360	97	—	—	—	—	368	91	—	—	—	—	376	—	—	—	—
Hours per Day[25]	—	9 5	9 5	—	—	—	—	9.5	9 5	—	—	—	—	9.5	—	—	—	—
Days per Week[25]	—	5.42	5.42	—	—	—	—	5 42	5.42	—	—	—	—	5.42	—	—	—	—
Total Hours	72,161	65,362	14,093	21.6	0	0	69,655	65,773	13,340	20 3	0	0	70,412	67,628	12,0465	17 8	0	0
Average Weekly Hours	47.9	—	—	—	—	—	47 8	—	—	—	—	—	47 9	—	—	—	—	—
Consol-Vultee, Allentown																		
Total Number of Workers	956	660	338	51.2	5	0.8	1,279	837	468	55 9	0	0	1,333	847	505	59 6	0	0
Number of Workers	—	660	338	—	5	—	—	837	468	—	—	—	—	679	388	—	—	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	6	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	168	342	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	6 8	6 8	—	—	—
Total Hours	43,889	31,680	16,224	51.2	195	0 6	59,130	40,176	22,464	55 9	0	0	69,155	44,016	27,0360	61.5	0	0
Average Weekly Hours	45 9	—	—	—	—	—	46 2	—	—	—	—	—	51 9	—	—	—	—	—
Consol-Vultee, Downey																		
Total Number of Workers	2,499	1,765	847	48 0	64	3 6	2,425	1,781	779	43 7	33	1 9	2,338	1,695	714	42 1	56	3 3
Number of Workers	—	1,663	757	—	64	—	—	1,679	703	—	33	—	—	1,604	650	—	56	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	102	90	—	—	—	—	102	76	—	—	—	—	91	64	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	110,505	82,372	38,496	46 8	2,496	3.0	105,917	83,040	35,568	42 8	1,287	1 5	102,164	79,178	32,736	41 3	2,184	2 8
Average Weekly Hours	44.2	—	—	—	—	—	43 6	—	—	—	—	—	43 7	—	—	—	—	—
Consol-Vultee, Fort Worth																		
Total Number of Workers	9,335	5,348	3,800	71 1	57	1 1	9,482	5,739	3,628	63 2	30	0 5	9,360	5,683	3,672	64 6	16	0 3
Number of Workers	—	5,348	3,800	—	57	—	—	5,739	3,628	—	30	—	—	5,683	3,672	—	16	—
Hours per Day	—	8	8	—	6	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	402,151	256,704	182,400	71 1	2,736	1 1	410,731	275,472	174,144	63 2	1,170	0 4	418,708	272,784	176,256	64 6	824	0 2
Average Weekly Hours	43 5	—	—	—	—	—	43 3	—	—	—	—	—	44 7	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY						AUGUST						SEPTEMBER						OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First	All Shifts	First Shift	Second Shift Number	Second Shift % of First	Third Shift Number	Third Shift % of First
Consol.-Vultee, New Orleans																																				
Total Number of Workers	1,929	1,260	700	55 6	0	0	2,186	1,250	920	73 6	0	0	2,093	1,370	705	51.5	0	0	2,119	1,350	800	59.3	0	0	2,274	1,425	790	55 4	0	0	2,705	1,575	1,125	71 4	0	0
Number of Workers	—	880	420	—	—	—	—	1,135	645	—	—	—	—	1,120	580	—	—	—	—	975	600	—	—	—	—	1,365	790	—	—	—	—	1,275	900	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	190	90	—	—	—	—	115	275	—	—	—	—	250	125	—	—	—	—	375	200	—	—	—	—	60	60	—	—	—	—	300	225	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	6	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	5.5	6	—	—	—	—	7	7	—	—	—	—	8	8	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Number of Workers	—	190	190	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	5 5	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	83,458	61,240	34,320	56 0	0	0	92,383	59,540	40,860	68 6	0	0	95,799	67,760	34,840	51.4	0	0	102,610	67,800	40,000	59 0	0	0	99,857	68,890	41,280	59 9	0	0	124,365	78,000	55,800	71 5	0	0
Average Weekly Hours	43 3						42 3						45.8						48.4						43.9						46 0					
Consol.-Vultee, Nashville																																				
Total Number of Workers	1,403	941	381	40 5	137	14 6	1,609	1,118	556	49.7	191	17 1	1,494	938	501	53 4	102	10.9	1,633	1,050	537	51 1	97	9 2	1,699	1,069	599	56 0	78	7 3	1,787	1,106	653	59 0	45	4 2
Number of Workers	—	47	20	—	124	—	—	43	18	—	10	—	—	62	20	—	94	—	—	71	28	—	80	—	—	212	104	—	62	—	—	151	69	—	48	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	8 5	—
Days per Week	—	7	7	—	6	—	—	7	7	—	7	—	—	7	7	—	6	—	—	7	7	—	6	—	—	7	7	—	6	—	—	7	7	—	9	—
Number of Workers	—	693	291	—	13	—	—	614	433	—	169	—	—	441	267	—	169	—	—	744	370	—	6.5	—	—	473	324	—	16	—	—	874	526	—	9 35	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	8 5	—
Days per Week	—	6	6	—	5	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	5	—	—	6	6	—	5	—
Number of Workers	—	201	70	—	—	—	—	461	105	—	12	—	—	435	214	—	—	—	—	235	139	—	—	—	—	384	171	—	—	—	—	81	58	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	6.5	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	5	5	—	—	—	—	5	5	—	5	—	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—	—	5	5	—	—	—
Total Hours	59,113	43,936	17,888	40 7	5,259	12 0	72,874	50,320	25,992	51 7	7,436	14.8	65,264	42,040	22,496	53 5	3,926	9 3	74,628	49,088	24,888	50 7	3,673	7 5	79,513	49,936	28,216	56 5	2,938	5 9	88,921	53,648	31,432	58 6	1,927	3 4
Average Weekly Hours	42 1						45 3						43.7						45.7						46 8						49 8					
Consol.-Vultee, San Diego																																				
Total Number of Workers	14,267	8,629	6,130	71 0	90	1 0	15,445	9,256	6,656	71 9	95	1.0	14,381	8,361	6,176	73.9	125	1.5	14,019	8,489	6,021	70 9	116	1 4	13,874	8,663	5,873	67 8	124	1 4	14,153	8,769	6,010	68 5	107	1 2
Number of Workers	—	8,018	5,663	—	90	—	—	8,527	6,156	—	95	—	—	7,219	5,355	—	125	—	—	8,192	5,770	—	116	—	—	7,889	5,345	—	120	—	—	7,437	5,105	—	107	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	77	77	—	—	—	—	67	66	—	—	—	—	61	60	—	—	—	—	83	82	—	—	—	—	85	83	—	8	—	—	108	106	—	8	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	4	—	—	4	4	—	4	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	7	—	—	6	6	—	7	—
Number of Workers	—	534	390	—	—	—	—	662	434	—	—	—	—	1,081	761	—	—	—	—	214	169	—	—	—	—	689	445	—	—	—	—	1,224	799	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	617,111	416,616	295,512	70 9	4,320	1 0	685,887	447,976	321,376	71.7	4,560	1.0	626,473	408,512	301,096	73.7	6,000	1 5	594,528	407,192	288,392	70.8	5,568	1 4	592,742	419,296	283,472	67 6	5,984	1 4	611,160	428,112	292,328	68 3	8,032	1 9
Average Weekly Hours	43 3						44.4						43.6						42.4						42 7						43 2					
Consol.-Vultee, Wayne																																				
Total Number of Workers	535	471	16	3 4	0	0	576	547	12	2.2	0	0	593	629	9	1.4	0	0	606	586	10	1 7	0	0	577	606	40	6 6	0	0	563	586	60	10 2	0	0
Number of Workers	—	449	12	—	—	—	—	518	9	—	—	—	—	578	9	—	—	—	—	538	10	—	—	—	—	558	40	—	—	—	—	530	50	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	4	4	—	—	—	—	6	3	—	—	—	—	4	—	—	—	—	—	4	—	—	—	—	—	4	—	—	—	—	—	6	10	—	—	—
Hours per Day	—	8	10	—	—	—	—	8	10	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	10	—	—	—
Days per Week	—	7	6	—	—	—	—	7	6	—	—	—	—	7	—	—	—	—	—	7	—	—	—	—	—	7	—	—	—	—	—	7	6	—	—	—
Number of Workers	—	18	—	—	—	—	—	23	—	—	—	—	—	47	—	—	—	—	—	44	—	—	—	—	—	44	—	—	—	—	—	50	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	6	—	—	—	—	—	8	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	24,558	22,856	816	3 6	0	0	26,994	26,580	612	2 3	0	0	27,574	30,788	432	1 4	0	0	28,324	28,688	480	1 7	0	0	27,372	29,648	1,920	6 5	0	0	29,687	28,776	3,000	10 4	0	0
Average Weekly Hours	45 9						46.9						46.5						46 7						47 4						52 7					
Culver, Wichita																																				
Total Number of Workers	510	397	130	32 7	0	0	540	425	163	38 4	0	0	463	366	112	30 6	0	0	471	356	125	35 1	0	0	479	379	126	33 2	0	0	493	383	125	32 6	0	0
Number of Workers	—	397	130	—	—	—	—	425	163	—	—	—	—	366	112	—	—	—	—	356	125	—	—	—	—	379	126	—	—	—	—	383	125	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	23,660	19,056	6,240	32 7	0	0	25,679	20,400	7,824	38 4	0	0	21,575	17,568	5,376	30 6	0	0	21,020	17,088	6,000	35 1	0	0	21,482	18,192	6,048	33 2	0	0	22,429	18,384	6,000	32 6	1	0
Average Weekly Hours	46 4						47 5						46 6						44 6						44 8						45 5					
Curtiss, Buffalo																																				
Total Number of Workers	15,436	8,553	4,045	54 3	2,495	29 2	17,233	9,641	5,713	59 3	2,500	25 9	17,762	9,489	5,871	61 9	2,377	25 1	16,718	9,640	4,959	51 4	2,124	22 0	15,451	8,104	5,521	68 1	1,441	22	15,364	7,949	5,364	67 5	1,377	19 5
Number of Workers	—	8,553	4,045	—	2,495	—	—	9,641	5,713	—	2,500	—	—	9,489	5,871	—	2,377	—	—	9,640	4,959	—	2,124	—	—	8,104	5,521	—	1,441	—	—	7,949	5,364	—	1,377	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	690,149	410,544	222,960	54 3	97,308	23 7	775,491	462,768	274,224	59 3	97,500	21.1	793,970	455,472	281,808	61 9	92,703	20 4	740,613	462,720	230,832	51 4	82,836	17 9	709,230	389,992	265,008	68 1	51,792	13	656,364	381,552	252,432	74 0	51,360	16 1
Average Weekly Hours	45 1						45 0						44 7						44.3						45 9						42 8					

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

Plant and Item	JULY						AUGUST						SEPTEMBER					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Tulsa																		
Total Number of Workers	10,010	4,449[49]	2,561[49]	57.6	2,472[49]	55.6	10,348	4,744[49]	3,190[49]	67.2	2,509[49]	52.9	10,300	4,734[49]	3,200[49]	67.6	2,225[49]	47.0
Number of Workers	—	4,449[49]	2,561[49]	—	2,472[49]	—	—	4,744[49]	3,190[49]	—	2,509[49]	—	—	4,734[49]	3,200[49]	—	2,225[49]	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	5	—	—	6	6	—	6	—
Total Hours	448,347	213,552	142,368	66.7	96,408	45.1	446,385	227,712	153,120	67.2	97,851	43.0	445,346	227,232	153,600	67.6	86,775	38.2
Average Weekly Hours	44.8	—	—	—	—	—	43.1	—	—	—	—	—	43.2	—	—	—	—	—
Douglas, Long Beach																		
Total Number of Workers	863	589	320	54.3	25	4.2	1,303	791	570	72.1	27	3.4	1,485	835	611	73.2	39	4.7
Number of Workers	—	589	320	—	25	—	—	791	570	—	27	—	—	835	611	—	39	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	43,139	28,272	15,360	54.3	975	3.4	60,138	37,968	27,360	72.1	1,053	2.8	63,878	40,080	29,328	73.2	1,521	3.8
Average Weekly Hours	50.0	—	—	—	—	—	46.2	—	—	—	—	—	43.0	—	—	—	—	—
Douglas, St. Louis																		
Total Number of Workers	3,460	2,081	1,378	66.2	71	3.4	4,176	2,508	1,666	66.4	72	2.9	4,347	2,615	1,750	66.9	65	2.5
Number of Workers	—	2,081	1,378	—	71	—	—	2,508	1,666	—	72	—	—	2,615	1,750	—	65	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	162,120	99,888	66,144	66.2	2,769	2.8	196,985	120,384	79,968	66.4	2,808	2.3	199,663	125,520	84,000	66.9	2,535	2.0
Average Weekly Hours	46.9	—	—	—	—	—	47.2	—	—	—	—	—	45.9	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	8,254	4,525	3,700	81.8	435	9.6	8,437	4,360	3,469	79.6	608	13.9	9,065	4,247	3,508	82.6	664	15.6
Number of Workers	—	4,525	3,700	—	435	—	—	4,360	3,469	—	608	—	—	4,247	3,508	—	664	—
Hours per Day	—	8	8	—	6	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	357,398	217,200	177,600	81.8	15,660	7.2	360,790	209,280	166,512	79.6	23,712	11.3	389,795	203,856	168,394	82.6	25,896	12.7
Average Weekly Hours	43.3	—	—	—	—	—	42.8	—	—	—	—	—	43.0	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	2,342	1,365	1,083	79.3	0	0	2,484	1,521	1,086	71.4	0	0	2,810	1,623	1,188	73.2	0	0
Number of Workers	—	1,365	1,083	—	—	—	—	1,521	1,086	—	—	—	—	1,623	1,188	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	109,930	65,520	51,984	79.3	0	0	115,082	73,008	52,128	71.4	0	0	132,047	77,904	57,024	73.2	0	0
Average Weekly Hours	46.9	—	—	—	—	—	46.3	—	—	—	—	—	47.0	—	—	—	—	—
Douglas, Long Beach																		
Total Number of Workers	17,404	8,406	6,308	75.0	2,721	32.4	16,080	7,662	5,822	76.0	2,662	34.7	14,362	7,054	5,070	71.9	2,251	31.9
Number of Workers	—	7,733	5,630	—	2,721	—	—	7,255	5,323	—	2,662	—	—	6,659	4,601	—	2,251	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	673	678	—	—	—	—	407	499	—	—	—	—	395	469	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	743,914	387,366	286,512	74.0	106,119	27.4	681,622	358,008	267,480	74.7	103,818	29.0	605,389	329,112	232,104	70.5	87,789	26.7
Average Weekly Hours	42.7	—	—	—	—	—	42.4	—	—	—	—	—	42.2	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	12,286	5,742	5,332	92.9	1,203	21.0	12,005	5,762	5,343	92.7	894	15.5	11,863	5,812	5,502	94.7	657	11.3
Number of Workers	—	5,742	5,332	—	1,203	—	—	5,762	5,343	—	894	—	—	5,812	5,502	—	657	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	577,604	275,616	255,936	92.9	40,947	17.0	552,166	276,576	256,464	92.7	34,886	12.6	535,263	278,976	264,996	94.7	25,623	9.2
Average Weekly Hours	47.0	—	—	—	—	—	46.0	—	—	—	—	—	45.1	—	—	—	—	—

Plant and Item	OCTOBER						NOVEMBER						DECEMBER					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Tulsa																		
Total Number of Workers	9,726	4,779	3,332	69.7	1,730	36.2	9,645	4,863	3,225	66.3	1,653	33.9	9,857	5,403	3,801	70.3	1,735	32.1
Number of Workers	—	4,779	3,332	—	1,730	—	—	4,863	3,225	—	1,653	—	—	5,403	3,801	—	1,735	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	432,616	229,392	159,936	69.7	67,470	29.4	430,538	233,424	154,800	66.3	63,387	27.3	434,617	259,344	172,848	66.7	67,565	26.1
Average Weekly Hours	44.5	—	—	—	—	—	44.6	—	—	—	—	—	44.1	—	—	—	—	—
Douglas, Los Angeles																		
Total Number of Workers	1,680	876	633	72.3	41	4.7	1,723	908	652	71.8	82	9.0	1,771	974	723	74.3	42	4.3
Number of Workers	—	876	633	—	41	—	—	908	652	—	82	—	—	974	723	—	42	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	72,661	42,048	30,384	72.3	1,599	3.8	72,539	43,584	31,296	71.8	3,198	7.3	82,668	46,752	34,236	73.2	1,638	3.5
Average Weekly Hours	43.3[50]	—	—	—	—	—	42.1	—	—	—	—	—	46.7	—	—	—	—	—
Douglas, St. Louis																		
Total Number of Workers	4,332	2,830	1,550	54.8	45	1.6	4,605	3,165	1,475	46.6	50	1.6	4,923	3,335	1,635	49.0	50	2.4
Number of Workers	—	2,830	1,550	—	45	—	—	3,165	1,475	—	50	—	—	3,335	1,635	—	50	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	201,340	135,840	74,400	54.8	1,755	1.3	209,702	151,920	70,800	46.6	1,950	1.3	252,598	160,080	78,480	49.0	3,120	1.9
Average Weekly Hours	46.5	—	—	—	—	—	45.5	—	—	—	—	—	51.3	—	—	—	—	—
Douglas, Chicago																		
Total Number of Workers	8,738	4,340	3,672	84.6	726	16.7	8,957	4,422	3,895	88.1	818	18.5	9,486	4,499	4,691	104.3	896	19.9
Number of Workers	—	4,340	3,672	—	726	—	—	4,422	3,895	—	818	—	—	4,499	4,691	—	896	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	395,417	208,320	176,256	84.6	28,314	13.6	406,256	212,256	186,960	88.1	31,902	15.0	417,679	215,952	196,356	90.9	34,944	16.2
Average Weekly Hours	45.3	—	—	—	—	—	45.4	—	—	—	—	—	44.0	—	—	—	—	—
Douglas, El Segundo																		
Total Number of Workers	2,877	1,669	1,218	73.0	0	0	3,042	1,693	1,426	84.2	0	0	3,053	1,865	1,318	71.7	33	1.8
Number of Workers	—	1,669	1,218	—	—	—	—	1,693	1,406	—	—	—	—	1,865	1,282	—	33	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	20	—	—	—	—	—	36	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	4	—	—	—	—	—	8	—	—	—
Days per Week	—	—	—	—	—	—	—	—	6	—	—	—	—	—	6	—	—	—
Total Hours	136,955	80,112	58,464	73.0	0	0	138,279	81,264	67,968	83.6	0	0	144,409	89,520	82,440	92.1	1,287	1.4
Average Weekly Hours	47.6	—	—	—	—	—	45.5	—	—	—	—	—	47.3	—	—	—	—	—
Douglas, Long Beach																		
Total Number of Workers	14,169	7,027	5,212	74.2	2,035	29.0	14,172	7,154	5,179	72.4	1,943	27.2	14,597	7,606	5,844	76.8	1,751	23.0
Number of Workers	—	6,612	4,673	—	2,035	—	—	6,687	4,589	—	1,943	—	—	7,145	5,038	—	1,751	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	416	539	—	—	—	—	467	590	—	—	—	—	461	598	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	8	—	—	—	—	6	8	—	—	—
Total Hours	602,395	327,336	237,240	72.5	79,365	24.2	603,432	332,184	234,432	70.6	75,777	22.8	667,851	354,024	236,544	66.8	65,289	19.3
Average Weekly Hours	42.5	—	—	—	—	—	42.6	—	—	—	—	—	44.8	—	—	—	—	—
Douglas, Oklahoma																		
Total Number of Workers	10,501	5,395	5,037	93.4	37	0.7	8,980	4,745	4,391	92.5	32	0.7	9,349	4,915	4,571	93.0	31	0.6
Number of Workers	—	5,395	5,037	—	37	—	—	4,745	4,391	—	32	—	—	4,915	4,571	—	31	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	485,036	258,960	241,776	93.4	1,443	0.6	414,472	227,760	210,768	92.5	1,248	0.5	439,175	235,920	228,816	97.0	1,209	0.5
Average Weekly Hours	46.2	—	—	—	—	—	46.2	—	—	—	—	—	45.7	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

PLANT	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica																		
Total Number of Workers	10,020	4,939	4,09	83 0	1,10	22 5	9,549	4,867	3,885	79 8	1,033	21 2	8,017	4,101	2,969	72 4	965	23.5
Number of Workers	——	4,939	4,040	—	1,110		-	4,867	3,843	——	1,033	——	——	4,101	2,961	——	965	——
Hours per Day	——	8	8	—	6 5		-	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6		—	6		-	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	50	—		—	——	——	42	——	——	——	——	——	8	——	——	——
Hours per Day	——	——	4	—	——	—	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	——	6	—	——	—	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	463,045	237,072	195,336	82 4	43,290	18 3	446,822	233,616	185,472	79 4	40,267	17 2	349,961	196,848	142,320	72 3	46,320	23 5
Average Weekly Hours	46 2	——	——	——	——	——	46 8	——	——	——	——	——	43 6	——	——	——	——	——
Douglas, Tulsa																		
Total Number of Workers	5,660	3,261	2,384	73 1	212	6 5	5,530	3,113	2,211	71 0	445	14 3	5,876	3,071	2,388	77 8	568	18 5
Number of Workers	——	3,261	2,384	——	212	——	——	3,113	2,211	——	445	——	——	3,071	2,388	——	568	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	261,922	156,528	114,432	73 1	8,268	5 3	248,521	149,424	106,128	71 0	17,355	11 6	262,063	147,408	114,624	77 8	22,152	15 0
Average Weekly Hours	46 3	——	——	——	——	——	44 9	——	——	——	——	——	44 6	——	——	——	——	——
Eastern, Linden																		
Total Number of Workers	8,560	4,477	4,271	95 4	43	1 0	7,053	3,652	3,431	93 9	14	0.4	6,987	3,634	3,370	92 7	20	0.6
Number of Workers	——	4,352	4,160	——	43	——	——	3,422	3,319	——	14	——	——	3,399	3,262	——	20	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	125	111	——	——	——	——	109	112	——	——	——	——	235	108	——	——	——
Hours per Day	——	9	11	——	——	——	——	9	11	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	121	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	8 5	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	395,615	215,646	207,006	96 0	2,064	1.0	322,260	176,313	166,704	94 6	672	0 4	294,866	175,842	162,408	92.4	960	0.5
Average Weekly Hours	46.2	——	——	——	——	——	45 7	——	——	——	——	——	42 2	——	——	——	——	——
Eastern, Trenton																		
Total Number of Workers	13,904	7,674	6,621	86 3	308	4 0	13,045	7,554	6,211	82.2	222	2 9	12,998	7,182	6,175	86 0	52	0 7
Number of Workers	——	——	——	——	258	——	——	——	——	——	212	——	——	7,133	6,157	——	52	——
Hours per Day	——	——	——	——	8	——	——	[2]	[2]	——	8	——	——	8	8	——	8	——
Days per Week	——	——	——	——	6	——	——	[2]	[2]	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	50	——	——	——	——	——	10	——	——	49	18	——	——	——
Hours per Day	——	——	——	——	8	——	——	——	——	——	8	——	——	8	8	——	——	——
Days per Week	——	——	——	——	7	——	——	——	——	——	7	——	——	7	7	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	627,712	374,816	322,867	86 1	15,184	4 1	561 213	360,696	296,052	82 1	10,736	3 0	568,120	345,128	296,544	85 9	2,496	0.7
Average Weekly Hours	45 1	——	——	——	——	——	43 0	——	——	——	——	——	43.7	——	——	——	——	——
Fairchild, Burlington																		
Total Number of Workers	1,128	708	484	68 4	0	0	1,175	735	506	68 8	0	0	534	386	185	47 9	0	0
Number of Workers	——	708	484	——	——	——	——	735	506	——	——	——	——	386	185	——	——	——
Hours per Day	——	8 5	8 5	——	——	——	——	8 5	8 5	——	——	——	——	8 5	8 5	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Hours per Day	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——
Days per Week	——	1	1	——	——	——	——	1	1	——	——	——	——	1	1	——	——	——
Total Hours	57,513	33,984	23,232	68 4	0	0	57,458	35,280	24,288	68 8	0	0	23,204	18,528	8,880	47 9	0	0
Average Weekly Hours	51 0	——	——	——	——	——	48 9	——	——	——	——	——	43 5	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	2,513	1,950[a]	500[a]	25 6	100[a]	5 1	2,657	1,975[a]	700[a]	35 4	25[a]	1 3	2,709	2,000[a]	775[a]	38 8	25[a]	1 3
Number of Workers	——	1,950[a]	500[a]	—	100[a]	——	——	1,975[a]	700[a]	——	25[a]	——	——	2,000[a]	775[a]	—	25[a]	——
Hours per Day	——	8[a]	8[a]	——	6 5[a]	——	——	8[a]	8[a]	——	6 5[a]	——	——	8[a]	8[a]	——	6 5[a]	——
Days per Week	——	6[a]	6[a]	——	6[a]	——	——	6[a]	6[a]	——	5[a]	——	——	6[a]	6[a]	——	6[a]	——
Total Hours	117,113	93,600[a]	24,000[a]	25 6	3,900[a]	4 2	124,084	94,800[a]	33,600[a]	35 4	975[a]	1 0	125,990	96,000[a]	37,200[a]	38 8	975[a]	1 0
Average Weekly Hours	46.6	——	——	——	——	——	46 7	——	——	——	——	——	46 5	——	——	——	——	——

PLANT	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift		
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Douglas, Santa Monica																		
Total Number of Workers	6,246	3,243	1,931	59 5	1,181	36 4	5,931	3,093	1,759	56 9	1,145	37 0	5,407	3,199	1,861	58 2	1,[illegible]	[illegible]
Number of Workers	——	3,243	1,931	——	1,181	——	——	3,093	1,759	——	1,145	——	-	3,199	1,861	——	[illegible]	
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——		
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——		
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	-	—	——	——	——	
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	-	—	——	——	——	
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	-	—	——	——	——	
Total Hours	282,245	155,664	92,688	59 5	46,059	29 6	264,543	148,464	94,432	56 9	44,655	30 1	203,482	153,552	99,328	58 2	49,[illegible]	[illegible]
Average Weekly Hours	45 2	——	——	——	——	——	44 7	——	——	——	——	——	45 8	——	——	——	——	——
Douglas, Tulsa																		
Total Number of Workers	6,393	3,295	2,757	83 7	506	15 4	7,333	3,735	3,215	86 1	664	17 8	9,514	4,660	4,217	90.5	592	[illegible]
Number of Workers	——	3,295	2,757	——	506	——	——	3,735	3,215	——	664	——	-	4,660	4,217	——	592	
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	-	8	8	——	8	
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	-	6	6	——		
Total Hours	292,768	158,160	132,336	83 7	19,734	12 5	327,120	179,280	154,320	86 1	25,896	14 4	429,383	223,680	202,416	90 5	54,[illegible]	[illegible]
Average Weekly Hours	45 8	——	——	——	——	——	44.6	——	——	——	——	——	45 1	——	——	——	——	——
Eastern, Linden																		
Total Number of Workers	5,175	3,347	1,804	53.9	6	0 2	3,515	3,451	92	2 7	2	0 1	3,339	3,278	98	3.0	3	
Number of Workers	——	3,242	1,804	——	6	——	——	3,380	92	——	2	——	——	3,278	98	——	3	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	105	——	——	——	——	——	71	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8.5	——	——	——	——	——	8 5	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5 7	——	——	——	——	——	5.65	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	236,106	160,703	86,592	53.9	288	0 2	158,686	165,650	4,416	2 7	96	0 1	153,068	157,344	4,704	3.0	44	[illegible]
Average Weekly Hours	45.6	——	——	——	——	——	45.1	——	——	——	——	——	45 8	——	——	——	——	——
Eastern, Trenton																		
Total Number of Workers	12,476	7,277	5,421	74.5	55	0 8	11,239	7,000	5,347	76 4	21	0 3	12,363	7,208	5,410	75 1	28	[illegible]
Number of Workers	——	7,277	5,421	——	55	——	——	4,194	3,262	——	21	——	——	4,246	3,363	——	28	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	-	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	1,294	985	——	——	——	——	2,785	1,946	——	——	——
Hours per Day	——	——	——	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	1,512	1,100	——	——	——	——	177	101	——	——	——
Hours per Day	——	——	——	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	——	——	——	——	——	——	6 89	6 89	——	——	——	——	6 89	6 89	——	——	——
Total Hours	549,532	349,296	260,208	74 5	2,640	0 8	530,216	364,947	277,977	76 2	1,008	0 3	590,645	565,174	272,771	74 7	1,284	[illegible]
Average Weekly Hours	44 0	——	——	——	——	——	47 2	——	——	——	——	——	47 8	——	——	——	——	——
Fairchild, Burlington																		
Total Number of Workers	70	66	27	40 9	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	66	27	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8 5	8 5	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5	5	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	5 5	5 5	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	1	1	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	2,336	3,168	1,296	40 9	0	0	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	33 4	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Fairchild, Hagerstown																		
Total Number of Workers	2,633	2,000[a]	700[a]	35 0	25[a]	1 3	2,577	2,000[a]	650[a]	32 5	50[a]	2 5	2,469	900[a]	550[a]	28 9	50[a]	
Number of Workers	——	2,000[a]	700[a]	——	25[a]	——	——	2,000[a]	650[a]	-	50[a]	——	-	900[a]	550[a]	——	50[a]	
Hours per Day	——	8[a]	8[a]	——	6 5[a]	——	——	8[a]	6[a]	——	6[a]	——	-	8[a]	8[a]	——	[illegible]	
Days per Week	——	6[a]	6[a]	——	6[a]	——	——	6[a]	6[a]	——	6[a]	——	-	6[a]	6[a]	——	[illegible]	
Total Hours	121,901	96,000[a]	33,600[a]	35 0	975[a]	1 0	122,991	96,000[a]	31,200[a]	32 5	1,950[a]	2 0	118,[illegible]	[illegible]	26,400[a]	28 9	550	
Average Weekly Hours	46 3	——	——	——	——	——	47 7	——	——	——	——	——	45 1	-	——	——	——	

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Fleetwings, Bristol																		
Total Number of Workers	NA						NA						NA					
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours																		
Average Weekly Hours																		
Ford, Willow Run																		
Total Number of Workers	13,200	7,565	5,226	68 2	136	1 8	12,044	7,863	4,211	53 6	60	0 8	11,048	7,343	3,822	52 0	0	0
Number of Workers		7,607	5,169		128			7,801	4,151		60			7,286	3,757			
Hours per Day		9	9		9			9	9		9			9	9			
Days per Week		6	6		6			6	6		6			5	5			
Number of Workers		58	57		8			62	60					57	65			
Hours per Day			8		8			8	8					8	8			
Days per Week			6		6			6	6					5	5			
Total Hours	550,388	413,562	251,862	68 2	7,296	1 8	565,702	424,230	227,034	53 5	3,240	0 8	442,055	330,150	171,665	52 0	0	0
Average Weekly Hours	41.7						47 0						40.0					
Globe, Ft. Worth																		
Total Number of Workers	400	335	70	20 9	0	0	349	356	1	0 3	0	0	155	156	0	0	0	0
Number of Workers		335	70					356	1					156				
Hours per Day		8	8					8	8					8				
Days per Week		6	6					6	6					6				
Total Hours	21,358	16,080	3,360	20 9	0	0	15,656	17,088	48	0.3	0	0	7,368	7,488	0	0	0	0
Average Weekly Hours	53 4						44 9						47 5					
Goodyear, Akron																		
Total Number of Workers	10,288	6,935	4,265	61 5	779	11 2	10,133	7,068	4,430	62 7	821	11 6	10,098	6,545	4,200	64.2	732	11.2
Number of Workers		6,935	4,265		779			7,068	4,430		821			6,545	4,200		732	
Hours per Day		8	8		6 5			8	8		6.5			8	8		6.5	
Days per Week		6	6		6			6	6		6			6	6		6	
Total Hours	456,075	332,880	204,720	61 5	30,381	9 1	467,401	339,264	212,640	62 7	32,019	9.4	434,551	314,160	201,600	64.2	28,548	9.1
Average Weekly Hours	44.3						46 1						43.0					
Grumman, Bethpage																		
Total Number of Workers	13,010	10,148	2,756	27 2	0	0	12,595	9,894	2,676	27.0	0	0	11,679	10,171	2,718	26.7	0	0
Number of Workers		10,148	2,756					9,894	2,676					7,120	1,751			
Hours per Day		10	10					10	10					9.8	9.8			
Days per Week		5	5					5	5					5 8	5 8			
Number of Workers														3,051	967			
Hours per Day														9 8	9 8			
Days per Week														5 3	5.3			
Total Hours	555,957	507,400	137,800	27 2	0	0	573,498	494,700	133,800	27 0	0	0	549,678	563,170	149,753	26.6	0	0
Average Weekly Hours	42 7						45 5						47 1					
Higgins, New Orleans																		
Total Number of Workers	1,202	944	355	37 6	1	0 1	802	507	294	58 0	1	0 2	753	537	216	40.2	0	0
Number of Workers		944	355		1			507	294		1			537	216			
Hours per Day		8	8		6 5			8	8		6.5			8	8			
Days per Week		6	6		6			6	6		6			6	6			
Total Hours	53,912	45,312	17,040	37 6	39	0 1	34,185	24,336	14,112	58 0	39	0 2	28,982	25,776	10,368	40 2	0	0
Average Weekly Hours	44 9						42 6						38.5					
Kellett Autogiro, Phila.																		
Total Number of Workers	975	579	330	62 0	64	11 1	NA						1,123	666	418	62.8	76	11.4
Number of Workers		546	343		64									508	285		66	
Hours per Day			7 5		7									8	7 5		7	
Days per Week		6	6		6									6	6		6	
Number of Workers		33	16											158	133		10	
Hours per Day			7 5											8	7 5		7	
Days per Week			6											7	7		7	
Total Hours	44,866	29,436	8,273	35 0	2,888	9 9							52,232	33,232	19,805	59 6	3,262	9 8
Average Weekly Hours	46 0												46 5					

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift		Actual		Scheduled Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Fleetwings, Bristol																		
Total Number of Workers	NA						1,725	1,399	395	28 2	0	0	1,724	1,492	394	26 4	0	0
Number of Workers								1,399	395									
Hours per Day								8	8									
Days per Week								6	6									
Total Hours							86,157	67,152	18,960	28 2	0	0	87,353	74,136	15,384	20 8	0	0
Average Weekly Hours							49 9						50 7					
Ford, Willow Run																		
Total Number of Workers	10,216	6,766	3,491	51 6	0	0	9,589	6,844	2,794	40 8	0	0	10,260	7,177	3,078	42 9	0	0
Number of Workers		6,719	3,463											7,111	3,034			
Hours per Day		9	9											9	9			
Days per Week		5	5											6	6			
Number of Workers		47	28											66	44			
Hours per Day		8	8											8	8			
Days per Week		5	5											6	6			
Total Hours	406,641	304,235	156,955	51 6	0	0	395,906	320,718	130,926	40 8	0	0	472,574	387,162	165,948	42 9	0	0
Average Weekly Hours	39 8						41 3						46 1					
Globe, Ft. Worth																		
Total Number of Workers	193	180	17	9.4	0	0	301	265	17	6 4	0	0	474	381	102	26 8	0	0
Number of Workers		180	17					265	17					381	102			
Hours per Day		8	8					8	8					8	8			
Days per Week		6	6					6	6					6	6			
Total Hours	10,108	8,640	816	9 4	0	0	13,121	12,720	816	6.4	0	0	25,290	18,288	4,896	26 8	0	0
Average Weekly Hours	52.4						43 5						53 4					
Goodyear, Akron																		
Total Number of Workers	10,105	6,403	4,057	63 4	561	8 8	10,378	6,821	4,017	58 9	473	6 9	10,482	6,877	3,996	58	455	6 3
Number of Workers		6,403	4,057		561			6,821	4,017		473			6,877	3,996		435	
Hours per Day		8	8		6 5			8	8		6 5			8	8		6 5	
Days per Week		6	6		6			6	6		6			6	6		6	
Total Hours	448,213	307,344	194,736	63 4	21,879	7 1	456,165	327,408	192,816	58 9	18,447	5 6	425,164	330,096	191,808	58	17,985	5 1
Average Weekly Hours	44 4						44 0						40 6					
Grumman, Bethpage																		
Total Number of Workers	12,342	10,217	2,595	25.4	0	0	12,464	10,786	2,722	25 2	0	0	12,678	11,073	2,784	25	0	0
Number of Workers		6,983	1,635					10,786	2,722					11,073	2,784			
Hours per Day		9.8	9 8					9 8	10					9.8	10			
Days per Week		5 8	5.8					5 8	5 8					5 8	5 8			
Number of Workers		3,234	960															
Hours per Day		9.8	9 8															
Days per Week		5 3	5.3															
Total Hours	644,102	564,888	142,796	25.3	0	0	653,307	613,076	157,876	25 8	0	0	675,211	629,389	161,472	25 7	0	0
Average Weekly Hours	52 2						52 4						53 3					
Higgins, New Orleans																		
Total Number of Workers	751	552	199	36 1	0	0	792	826	0	0.	0	0	1,105	1,081	23	2 1	1	0 1
Number of Workers		552	199					826						1,081	23		1	
Hours per Day		8	8						10					10	10		10	
Days per Week		6	6						5					5	5		5	
Total Hours	31,613	26,496	9,552	36 1	0	0	34,760	41,300	0	0	0	0	49,645	54,050	1,150	2	56	0 1
Average Weekly Hours	42 4						43 9						44 9					
Kellett Autogiro, Phila.																		
Total Number of Workers																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Number of Workers																		
Hours per Day																		
Days per Week																		
Total Hours																		
Average Weekly Hours																		

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

Item	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Los Angeles Plants A and B																		
Total Number of Workers	22,874	11,896	6,975	58 6	3,551	29 9	23,141	12,209	7,367	60 3	3,427	28 1	22,720	12,199	7,309	59 9	2,962	24 3
Number of Workers	——	11,848	6,571	——	3,551	——	——	12,181	7,286	——	3,427	——	——	12,134	7,223	——	2,962	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	48	404	——	——	——	——	28	81	——	——	——	——	65	86	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	999,286	569,856	332,304	58 3	138,489	24 3	1,003,859	595,360	315,672	60 1	133,653	22 8	1,020,156	583,992	348,768	59 7	115,515	19.8
Average Weekly Hours	43 7	——	——	——	——	——	43 4	——	——	——	——	——	44 9	——	——	——	——	——
Martin, Baltimore																		
Total Number of Workers	12,180	7,510	4,798	63 9	16	0 2	11,976	7,573	4,558	60 2	15	0 2	11,876	7,575	4,595	60 7	17	0 2
Number of Workers	——	7,510	4,798	——	16	——	——	7,573	4,558	——	15	——	——	7,575	4,595	——	17	——
Hours per Day	——	8 67	8 67	——	8 67	——	——	8 67	8 67	——	8 67	——	——	8 67	8 67	——	8 67	——
Days per Week	——	5 5	5 5	——	5 5	——	——	5 5	5 5	——	5 5	——	——	5 5	5 5	——	5 5	——
Total Hours	584,329	358,114	228,793	63 9	763	0 2	548,779	361,119	217,348	60 2	715	0 2	564,695	361,214	219,113	60 7	811	0.2
Average Weekly Hours	48 0	——	——	——	——	——	45 8	——	——	——	——	——	47.5	——	——	——	——	——
Martin, Omaha																		
Total Number of Workers	2,660	1,397	965	69 1	625	44 7	3,663	1,746	1,357	77.7	635	36.4	3,942	2,243	1,896	84 5	85	3.8
Number of Workers	——	657	434	——	317	——	——	1,746	1,357	——	635	——	——	2,243	1,896	——	85	——
Hours per Day	——	8	7 25	——	7 25	——	——	8	7 25	——	7 25	——	——	8	7 25	——	7.25	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	740	531	——	308	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	7 25	——	7 25	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	7	7	——	7	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	134,330	72,976	45,827	62 8	29,421	40 3	173,260	83,808	59,030	70 4	27,623	33 0	188,033	107,664	82,476	76 6	3,698	3 4
Average Weekly Hours	50 5	——	——	——	——	——	47 3	——	——	——	——	——	47.7	——	——	——	——	——
McDonnell, Memphis																		
Total Number of Workers	345	303	54	17 8	0	0	438	364	42	11.5	0	0	155	176	0	0	0	0
Number of Workers	——	303	54	——	——	——	——	364	42	——	——	——	——	176	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	5	——	——	——	——
Total Hours	17,610	16,362	2,916	17 8	6	0	20,764	19,656	2,268	11.5	0	0	7,691	7,920	0	0	0	0
Average Weekly Hours	51 9	——	——	——	——	——	47.4	——	——	——	——	——	49 6	——	——	——	——	——
Naval, Philadelphia																		
Total Number of Workers	1,196	1,252	314	25 1	0	0	1,695	1,304	329	25.2	0	0	——	——	——	——	——	——
Number of Workers	——	312	166	——	——	——	——	325	173	——	——	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——
Number of Workers	——	940	148	——	——	——	——	979	154	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	——	——	——	——	——
Total Hours	60,182	65,736	15,960	24 3	0	0	88,107	68,468	16,620	24 3	0	0	——	——	——	——	——	——
Average Weekly Hours	50 3	——	——	——	——	——	52 0	——	——	——	——	——	——	——	——	——	——	——
Nash-Kelvinator, Detroit																		
Total Number of Workers	964	742	207	27 9	18	2 4	986	706	172	24 4	16	2 3	831	681	137	20 1	13	1.9
Number of Workers	——	742	207	——	18	——	——	706	172	——	16	——	——	681	137	——	13	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	44,434	35,616	9,936	27 9	864	2 4	40,655	33,888	8,256	24 4	768	2 3	38,368	32,688	6,576	20 1	624	1 9
Average Weekly Hours	46 1	——	——	——	——	——	45 9	——	——	——	——	——	46 2	——	——	——	——	——
No. American, Dallas, A and B																		
Total Number of Workers	18,744	10,182	8,078	79 3	0	0	18,343	10,651	7,278	68 3	0	0	14,137	9,332	4,192	44 9	0	0
Number of Workers	——	10,182	8,078	——	——	——	——	4,490	3,831	——	——	——	——	8,026	3,321	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	6,161	3,447	——	——	——	——	1,306	871	——	——	——
Hours per Day	——	——	——	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	——	——	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	1,027,892	610,920	484,680	79 3	0	0	939,785	577,560	402,210	69 6	0	0	760,989	546,691	244,810	44 8	0	0
Average Weekly Hours	54 8	——	——	——	——	——	51 2	——	——	——	——	——	49 6	——	——	——	——	——

Item	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Los Angeles Plants A and B																		
Total Number of Workers	23,279	12,802	7,774	60 7	2,834	22 1	22,423	13,224	7,406	56 0	1,903	14 4	21,513	13,258	7,339	55.4	1,178	8 9
Number of Workers	——	12,702	7,488	——	2,834	——	——	13,156	7,195	——	1,903	——	——	13,154	7,144	——	1,178	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	100	266	——	——	——	——	68	211	——	——	——	——	104	195	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	1,049,085	612,096	365,808	59 8	110,526	18 1	979,689	633,120	350,424	55 3	74,217	11 7	949,597	633,888	347,592	54 8	45,942	7 2
Average Weekly Hours	45 1	——	——	——	——	——	43 7	——	——	——	——	——	44 1	——	——	——	——	——
Martin, Baltimore																		
Total Number of Workers	12,299	7,725	4,734	61 3	15	0 2	12,773	8,007	4,846	60 5	15	0 2	12,909	8,153	4,802	58 9	16	0 2
Number of Workers	——	7,725	4,734	——	15	——	——	8,007	4,846	——	15	——	——	8,153	4,802	——	16	——
Hours per Day	——	8 67	8 67	——	8 67	——	——	8 67	8 67	——	8 67	——	——	8 67	8 67	——	8 67	——
Days per Week	——	5 5	5 5	——	5 5	——	——	5 5	5 5	——	5 5	——	——	5 5	5 5	——	5 5	——
Total Hours	563,705	368,367	225,741	61.3	715	0 2	601,856	381,814	231,082	60.5	715	0 2	612,267	388,776	228,983	58.9	763	0 2
Average Weekly Hours	45 8	——	——	——	——	——	47 1	——	——	——	——	——	47 4	——	——	——	——	——
Martin, Omaha																		
Total Number of Workers	4,015	2,228	1,937	86.9	0	0	3,864	2,131	1,838	86 3	0	0	4,006	2,107	2,025	96 1	0	0
Number of Workers	——	2,228	1,937	——	——	——	——	2,131	1,838	——	——	——	——	2,107	2,025	——	——	——
Hours per Day	——	9	8.25	——	——	——	——	11 5	11 25	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	167,024	100,260	79,901	79 7	0	0	267,775	147,039	124,065	84 4	0	0	238,992	113,778	109,350	96 1	0	0
Average Weekly Hours	41.6	——	——	——	——	——	69 3	——	——	——	——	——	59 7	——	——	——	——	——
McDonnell, Memphis																		
Total Number of Workers	79	41	0	0	0	0	26	26	0	0	0	0	32	32	0	0	0	0
Number of Workers	——	41	——	——	——	——	——	26	——	——	——	——	——	32	——	——	——	——
Hours per Day	——	8	——	——	——	——	——	8	——	——	——	——	——	9	——	——	——	——
Days per Week	——	5	——	——	——	——	——	5	——	——	——	——	——	6	——	——	——	——
Total Hours	3,081	1,640	0	0	0	0	1,040	1,040	0	0	0	0	1,720	1,728	0	0	0	0
Average Weekly Hours	38.7	——	——	——	——	——	40 0	——	——	——	——	——	53 8	——	——	——	——	——
Naval, Philadelphia																		
Total Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Average Weekly Hours	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Nash-Kelvinator, Detroit																		
Total Number of Workers	839	695	139	20 0	5	0 7	871	693	165	23 8	13	1 9	865	710	136	19 2	14	2 0
Number of Workers	——	695	139	——	5	——	——	693	165	——	13	——	——	710	136	——	14	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	38,230	33,360	6,672	20 0	240	0 7	38,973	33,264	7,920	23 8	624	1 9	39,282	34,080	6,528	19 2	672	2 0
Average Weekly Hours	45 6	——	——	——	——	——	44 7	——	——	——	——	——	45 4	——	——	——	——	——
No. American, Dallas, A and B																		
Total Number of Workers	13,329	9,029	4,212	46 6	0	0	11,046	6,465	4,343	67 2	0	0	9,687	5,703	3,902	68 7	0	0
Number of Workers	——	3,915	2,606	——	——	——	——	4,619	3,352	——	——	——	——	1,786	1,483	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	5,114	1,606	——	——	——	——	1,846	991	——	——	——	——	3,917	2,419	——	——	——
Hours per Day	——	9	8	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	604,845	441,540	212,954	48 2	0	0	513,408	334,296	225,603	67 5	0	0	418,842	272,547	184,437	67 7	0	0
Average Weekly Hours	45 4	——	——	——	——	——	46 5	——	——	——	——	——	46 6	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY — Actual — All Shifts	JULY — Scheduled — First Shift	JULY — Second Shift Number	JULY — Second Shift % of First	JULY — Third Shift Number	JULY — Third Shift % of First	AUGUST — Actual — All Shifts	AUGUST — Scheduled — First Shift	AUGUST — Second Shift Number	AUGUST — Second Shift % of First	AUGUST — Third Shift Number	AUGUST — Third Shift % of First
North American, Inglewood												
Total Number of Workers	8,126	4,925	3,141	63 8	0	0	8,109	4,923	3,067	62.3	0	0
Number of Workers	——	540	342	——	——	——	——	663	407	——	——	——
Hours per Day	——	9.66	9 66	——	——	——	——	9.66	9.66	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	4,296	2,739	——	——	——	——	4,213	2,606	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	89	60	——	——	——	——	47	54	——	——	——
Hours per Day	——	8	5	——	——	——	——	8	5	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	——	——	——
Total Hours	381,404	250,370	158,272	63 2	0	0	385,419	251.333	155,240	61.8	0	0
Average Weekly Hours	46.9	——	——	——	——	——	47.5	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	9,787	5,490	4,109	74.8	0	0	9,084	5,192	3,727	71 8	0	0
Number of Workers	——	5,490	4,109	——	——	——	——	5,192	3,727	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	469,094	274,500	205,450	74.8	0	0	448,200	259,600	186,350	71.8	0	0
Average Weekly Hours	47.9	——	——	——	——	——	49.3	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	4,058	2,310	1,775	76.8	0	0	4,085	2,280	1,822	79.9	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	184,212	115,412	84,744	73 4	0	0	242,681	147,728	120,170	81.3	0	0
Average Weekly Hours	45.4	——	——	——	——	——	59.4	——	——	——	——	——
Piper, Lockhaven												
Total Number of Workers	1,169	700	467	66.7	0	0	1,152	687	457	66.5	0	0
Number of Workers	——	700	467	——	——	——	——	687	457	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	44,072	28,000	18,680	66.7	0	0	46,679	27,480	18,280	66.5	0	0
Average Weekly Hours	37.7	——	——	——	——	——	40.5	——	——	——	——	——
Republic, Evansville												
Total Number of Workers	2,722	2,316	203	8.8	0	0	2,568	2,487	0	0	0	0
Number of Workers	——	1,223	203	——	——	——	——	1,020	——	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	——	——	——	——
Days per Week	——	5.8	5 8	——	——	——	——	5.8	——	——	——	——
Number of Workers	——	1,093	——	——	——	——	——	1,467	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	10	——	——	——	——
Days per Week	——	6 6	——	——	——	——	——	5	——	——	——	——
Total Hours	150,845	143,072	11,774	8 2	0	0	128,774	132,510	0	0	0	0
Average Weekly Hours	55.4	——	——	——	——	——	50.1	——	——	——	——	——
Republic, Farmingdale												
Total Number of Workers	5,443	4,217	1,301	30 9	0	0	5,480	4,129	1,388	33.6	0	0
Number of Workers	——	4,217	1,301	——	——	——	——	4,129	1,388	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5 89	5 89	——	——	——	——	5.89	5.89	——	——	——
Total Hours	267,251	223,543	68,986	30 9	0	0	279,480	218,878	73,578	33 6	0	0
Average Weekly Hours	49 1	——	——	——	——	——	51 0	——	——	——	——	——

FACILITY	SEPTEMBER — Actual — All Shifts	SEPTEMBER — Scheduled — First Shift	SEPTEMBER — Second Shift Number	SEPTEMBER — Second Shift % of First	SEPTEMBER — Third Shift Number	SEPTEMBER — Third Shift % of First	OCTOBER — Actual — All Shifts	OCTOBER — Scheduled — First Shift	OCTOBER — Second Shift Number	OCTOBER — Second Shift % of First	OCTOBER — Third Shift Number	OCTOBER — Third Shift % of First
North American, Inglewood												
Total Number of Workers	8,282	5,098	2,946	57 8	0	0	8,308	5,260	2,892	55 0	0	0
Number of Workers	——	825	470	——	——	——	——	1,180	650	——	——	——
Hours per Day	——	9.66	9 66	——	——	——	——	9.66	9.66	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	4,201	2,430	——	——	——	——	4,010	2,302	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	72	46	——	——	——	——	70	40	——	——	——
Hours per Day	——	7.33	5	——	——	——	——	7.33	5	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	——	——	——
Total Hours	383,911	261,034	149,891	57.4	0	0	398,463	271,972	148,774	54 7	0	0
Average Weekly Hours	47.6	——	——	——	——	——	48.0	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	8,487	5,200	3,222	62.0	0	0	8,238	5,249	2,921	55 6	0	0
Number of Workers	——	5,022	3,111	——	——	——	——	5,067	2,820	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	178	111	——	——	——	——	182	101	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	409,622	261,780	162,210	62.0	0	0	396,708	264,270	147,060	55.6	0	0
Average Weekly Hours	48.3	——	——	——	——	——	48.2	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	3,655	1,948	1,701	87.3	0	0	3,672	2,014	1,674	83.1	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	181,650	106,882	91,802	85.9	0	0	169,363	100,602	80,386	70.9	0	0
Average Weekly Hours	49.7	——	——	——	——	——	46.1	——	——	——	——	——
Piper, Lockhaven												
Total Number of Workers	1,072	642	428	66.7	0	0	943	554	377	68.1	0	0
Number of Workers	——	642	428	——	——	——	——	554	377	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	46,810	25,680	17,120	66.7	0	0	40,018	22,160	15,090	68 1	0	0
Average Weekly Hours	43.7	——	——	——	——	——	42.4	——	——	——	——	——
Republic, Evansville												
Total Number of Workers	2,543	2,696	0	0	0	0	2,611	2,723	0	0	0	0
Number of Workers	——	2,696	——	——	——	——	——	2,723	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	10	——	——	——	——
Days per Week	——	5 5	——	——	——	——	——	5.5	——	——	——	——
Total Hours	131,259	143,280	0	0	0	0	143,022	149,765	0	0	0	0
Average Weekly Hours	51.6	——	——	——	——	——	54.8	——	——	——	——	——
Republic, Farmingdale												
Total Number of Workers	5,663	4,190	1,460	34.8	0	0	8,560	4,339	1,522	35 1	0	0
Number of Workers	——	4,190	1,460	——	——	——	——	4,339	1,522	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5.89	4 89	——	——	——	——	5.89	5 89	——	——	——
Total Hours	264,331	222,113	77,395	34 8	0	0	453,680	230,010	80,681	35 1	0	0
Average Weekly Hours	46.7	——	——	——	——	——	53 0	——	——	——	——	——

FACILITY	NOVEMBER — Actual — All Shifts	NOVEMBER — Scheduled — First Shift	NOVEMBER — Second Shift Number	NOVEMBER — Second Shift % of First	NOVEMBER — Third Shift Number	NOVEMBER — Third Shift % of First	DECEMBER — Actual — All Shifts	DECEMBER — Scheduled — First Shift	DECEMBER — Second Shift Number	DECEMBER — Second Shift % of First	DECEMBER — Third Shift Number	DECEMBER — Third Shift % of First
North American, Inglewood												
Total Number of Workers	8,136	5,211	2,800	53 7	0	0	7,355	4,718	2,572	54 5	0	0
Number of Workers	——	1,191	640	——	——	——	——	900	590	——	——	——
Hours per Day	——	9.66	9.66	——	——	——	——	9 66	9 66	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	3,950	2,122	——	——	——	——	3,790	1,954	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	70	38	——	——	——	——	68	38	——	——	——
Hours per Day	——	8	5	——	——	——	——	8	5	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	——	——	——
Total Hours	358,981	269,890	144,144	53.4	0	0	350,998	242,610	132,267	54.5	0	0
Average Weekly Hours	47.8	——	——	——	——	——	47.7	——	——	——	——	——
North American, Kansas City												
Total Number of Workers	8,104	5,440	2,548	46 8	0	0	8,175	5,810	2,243	38.6	0	0
Number of Workers	——	5,440	2,548	——	——	——	——	5,810	2,243	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	357,666	244,800	114,660	46.8	0	0	416,790	261,450	100,935	38.6	0	0
Average Weekly Hours	44.1	——	——	——	——	——	51.0	——	——	——	——	——
Northrop, Hawthorne												
Total Number of Workers	3,579	2,065	1,543	74 7	0	0	3,244	1,883	1,374	73 0	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	163,691	103,142	74,526	72.3	0	0	154,661	94,048	67,102	71 3	0	0
Average Weekly Hours	45.7	——	——	——	——	——	47.7	——	——	——	——	——
Piper, Lockhaven												
Total Number of Workers	1,216	726	487	67.1	0	0	1,040	618	414	67.0	0	0
Number of Workers	——	726	487	——	——	——	——	618	414	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	49,881	29,040	19,490	67.1	0	0	42,832	24,720	16,560	67 0	0	0
Average Weekly Hours	41.0	——	——	——	——	——	41 2	——	——	——	——	——
Republic, Evansville												
Total Number of Workers	2,753	2,754	0	0	0	0	2,584	2,599	0	0	0	0
Number of Workers	——	2,754	——	——	——	——	——	2,599	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	10	——	——	——	——
Days per Week	——	5 5	——	——	——	——	——	5 5	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	143,056	151,470	0	0	0	0	135,933	142,945	0	0	0	0
Average Weekly Hours	52 0	——	——	——	——	——	53 8	——	——	——	——	——
Republic, Farmingdale												
Total Number of Workers	5,826	4,348	1,534	35.3	0	0	5,844	4,296	1,627	38 0	0	0
Number of Workers	——	4,348	1,534	——	——	——	——	4,296	1,627	——	——	——
Hours per Day	——	9	9	——	——	——	——	10	10	——	——	——
Days per Week	——	5 89	5 89	——	——	——	——	5 8	5 8	——	——	——
Total Hours	290,024	230,487	81,317	35 3	0	0	323,612	248,588	94,366	38 0	0	0
Average Weekly Hours	49.8	——	——	——	——	——	55 4	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JULY TO DECEMBER, 1944

FACILITY	JULY						AUGUST						SEPTEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	2,787	1,570	1,217	77 5	121	7 7	2,592	1,620	1,045	64 5	89	5 5	2,333	1,368	1,054	77.0	94	6.9
Number of Workers	——	1,364	1,062	——	121	——	——	1,373	939	——	89	——	——	1,325	1,024	——	94	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	197	80	——	——	——	——	190	67	——	——	——	——	40	3	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	6 8	6 8	——	——	——	——	6 8	6 8	——	——	——	——	6 8	6 8	——	——	——
Number of Workers	——	9	75	——	——	——	——	57	39	——	——	——	——	-3	27	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	118,018	79,084	58,216	73 6	4,719	6 0	113,575	80,192	50,564	63.1	3,471	4 3	109,109	66,392	50,004	75 3	3,666	5 5
Average Weekly Hours	42 3	——	——	——	——	——	43.8	——	——	——	——	——	46.8	——	——	——	——	——
Sikorsky, Bridgeport																		
Total Number of Workers	285	259	33	12 7	0	0	295	265	32	12 1	0	0	288	260	34	13.1	0	0
Number of Workers	——	259	33	——	——	——	——	265	32	——	——	——	——	260	34	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——
Total Hours	14,734	14,345	1,815	12 7	0	0	15,213	14,575	1,760	12.1	0	0	14,101	14,300	1,870	13.1	0	0
Average Weekly Hours	51 7	——	——	——	——	——	51 6	——	——	——	——	——	49 0	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	436	350	80	22 9	0	0	483	400	95	23.8	0	0	514	400	100	25.0	0	0
Number of Workers	——	350	80	——	——	——	——	230	95	——	——	——	——	400	100	——	——	——
Hours per Day	——	8	10	——	——	——	——	8	10	——	——	——	——	9[31]	10	——	——	——
Days per Week	——	6	5	——	——	——	——	6	5	——	——	——	——	5 88[31]	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	170	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	9	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——
Total Hours	20,623	16,800	4,000	23 8	0	0	22,148	20,220	4,750	23.5	0	0	24,312	21,168	5,000	23.6	0	0
Average Weekly Hours	47.3	——	——	——	——	——	45.9	——	——	——	——	——	47.3	——	——	——	——	——

FACILITY	OCTOBER						NOVEMBER						DECEMBER					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Ryan, San Diego																		
Total Number of Workers	2,352	1,368	1,043	76.2	87	6 4	2,373	1,382	1,080	78.1	120	8 7	2,402	1,418	1,115	78.6	126	9 5
Number of Workers	——	1,337	959	——	87	——	——	1,373	978	——	119	——	——	1,407	1,013	——	122	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	24	12	——	——	——	——	9	102	——	1	——	——	11	102	——	2	——
Hours per Day	——	10	10	——	——	——	——	4	4	——	4	——	——	4	4	——	4	——
Days per Week	——	6 8	6 8	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	7	72	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	6	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	4	4	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	110,131	65,976	48,576	73.6	3,393	5.1	108,700	66,120	49,392	74 7	4,665	7.1	111,038	67,800	51,072	75 3	5,225	7 7
Average Weekly Hours	46 8	——	——	——	——	——	45.8	——	——	——	——	——	46 2	——	——	——	——	——
Sikorsky, Bridgeport																		
Total Number of Workers	280	260	32	12.3	0	0	267	241	33	13.7	0	0	263	239	32	13.4	9	0
Number of Workers	——	260	32	——	——	——	——	241	33	——	——	——	——	239	32	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5.5	5.5	——	——	——	——	5.5	5 5	——	——	——	——	5	5	——	——	——
Total Hours	14,859	14,300	1,760	12 3	0	0	14,451	13,255	1,815	13.7	0	0	12,687	11,950	1,600	13.4	9	0
Average Weekly Hours	53.1	——	——	——	——	——	54.1	——	——	——	——	——	48 2	——	——	——	——	——
Taylorcraft, Alliance																		
Total Number of Workers	763	585	163	27 9	0	0	798	625	182	29.1	0	0	859	700	200	28.6	0	0
Number of Workers	——	585	163	——	——	——	——	625	182	——	——	——	——	700	200	——	——	——
Hours per Day	——	9[31]	10	——	——	——	——	9[31]	10	——	——	——	——	9[31]	10	——	——	——
Days per Week	——	5 88[31]	5	——	——	——	——	5 88[31]	5	——	——	——	——	5 88[31]	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	35,251	30,958	8,150	26 3	0	0	34,863	33,075	9,100	27.5	0	0	39,686	37,044	10,000	27.0	0	0
Average Weekly Hours	46 2	——	——	——	——	——	43.7	——	——	——	——	——	46 2	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

FACILITY	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES																		
Total Number of Workers	318,550	193,657	111,397	60 2	13,527	7 0	319,655	194,624	117,378	60 3	13,703	7 0	308,904	189,785	113,105	59 6	12,696	6 7
Total Hours	14,879,323	9,29[illegible]	5,760,479	59 8	536,214	5 6	14,757,149	9,648,719	5,768,301	59 8	537,564	5 6	14,110,026	9,321,233	5,517,804	59 2	503,090	5 4
Average Weekly Hours	46 7	48 7	49 4	—	39 6	—	46 2	49 6	49 1	—	39 2	—	45 7	49 1	48 8	—	39 6	—
Boeing																		
Total Number of Workers	5,365	3,042	2,682	88 2	796	26 2	5,373	2,764	2,299	83 2	726	26 3	5,541	2,717	2,261	83 2	675	24 8
Number of Workers	——	3,042	2,682	—	796	——	——	1,380	1,309	—	156	——	——	1,356	1,287	—	145	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	5	5	——	5	——	——	5	5	——	5	——
Number of Workers	——	——	——	——	——	——	——	1,384	990	——	570	——	——	1,361	974	——	530	——
Hours per Day	——	——	——	——	——	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	——	——	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	291,498	146,016	128,736	88 2	31,044	21 3	229,250	121,632	99,880	82 1	27,300	22 4	234,259	119,568	98,232	82 2	25,383	21 2
Average Weekly Hours	45 8	——	——	——	——	——	42 7	——	——	——	——	——	42 3	——	——	——	——	——
Bell, Marietta																		
Total Number of Workers	13,486	7,582	6,045	79 7	0	0	13,892	7,758	6,376	82 2	0	0	14,140	7,844	6,676	85 1	0	0
Number of Workers	——	7,582	6,045	——	——	——	——	7,758	6,376	——	——	——	——	7,844	6,676	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	5	5	——	——	——
Total Hours	626,546	409,428	326,430	79 7	0	0	648,384	418,932	344,304	82 2	0	0	578,937	352,980	300,420	85.1	0	0
Average Weekly Hours	46.5	——	——	——	——	——	46.7	——	——	——	——	——	40.9	——	——	——	——	——
Bell, Buffalo[19]																		
Total Number of Workers	8,395	5,080	3,588	70 6	51	1 0	7,763	4,741	3,304	69 7	33	0.7	7,009	4,690	2,569	54.8	20	0.4
Number of Workers	——	5,080	3,588	——	51	——	——	4,741	3,304	——	33	——	——	4,690	2,569	——	20	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week[20]	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	398,574	243,840	172,224	70 6	1,989	0 8	355,051	227,568	158,592	69 7	1,287	0 6	332,452	225,120	123,312	54.8	780	0.3
Average Weekly Hours	47.5	——	——	——	——	——	45.7	——	——	——	——	——	47.4	——	——	——	——	——
Bellanca, Newcastle																		
Total Number of Workers	1,131	702	458	65 2	66	9.4	1,241	780	488	62.6	75	9.6	1,311	783	532	67.9	87	11.1
Number of Workers	——	702	458	——	66	——	——	780	488	——	75	——	——	783	532	——	87	——
Hours per Day	——	8	8	——	8	——	——	7 75	7 75	——	7	——	——	7 75	7 75	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	51,197	33,696	21,984	65 2	3,168	9 4	54,733	36,270	22,692	62 6	3,150	8 7	59,322	36,410	24,738	67.9	3,654	10.0
Average Weekly Hours	45 3	——	——	——	——	——	44.1	——	——	——	——	——	45 2	——	——	——	——	——
Boeing, Renton and Seattle																		
Total Number of Workers	19,134	9,799	7,260	74 1	1,682	17 2	20,146	10,384	7,544	72.7	1,774	17 1	19,811	9,932	7,724	77 8	1,718	17 3
Number of Workers	——	7,864	5,935	——	1,528	——	——	7,381	5,244	——	1,406	——	——	8,223	6,259	——	1,323	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,935	1,325	——	154	——	——	3,003	2,300	——	368	——	——	1,709	1,465	——	395	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	——	7	——
Total Hours	827,650	485,432	350,080	73 9	66,599	13 7	874,496	522,456	380,512	72 8	71,578	13 7	855,773	460,408	382,472	78 0	69,569	14 2
Average Weekly Hours	43 3	——	——	——	——	——	43.4	——	——	——	——	——	43 2	——	——	——	——	——
Boeing, Wichita, Plants 1 & 2																		
Total Number of Workers	9,312	5,329	4,540	85 2	0	0	9,040	5,141	4,379	85.2	0	0	8,679	4,911	4,183	85 2	0	0
Number of Workers	——	5,329	4,540	——	——	——	——	5,141	4,379	——	——	——		4,911	4,183	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——		10	10	——	——	——
Days per Week	——	5 5	5 5	——	——	——	——	5.5	5 5	——	——	——		5 5	5.5	——	——	——
Total Hours	513,548	293,095	249,700	85 2	0	0	504,293	282,755	240,845	85 2	0	0	479,744	270,105	230,065	85 2	0	0
Average Weekly Hours	55 1	——	——	——	——	——	55 8	——	——	——	——	——	55 3	——	——	——	——	——
Cessna, Wichita																		
Total Number of Workers	1,339	1,130	207	18 3	0	0	1,407	1,168	262	22 4	0	0						
Number of Workers	——	1,130	207			—	——	1,168	262	——	——							
Hours per Day	——	9	9			——	——	9	9	——	——							
Days per Week	——	5	5	——	——	——	——	5	5	——	——							
Total Hours	69,368	50,850	9,315	18 3	0	0	66,609	52,560	11,790	22 4	0	0						
Average Weekly Hours	51 8[illegible]						47 3	——	——	——	——							

FACILITY	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
ALL FACILITIES																		
Total Number of Workers	296,511	184,428	108,695	58 9	10,993	6 0	171,193	177,480	95,905	55 7	7,270	4 1	2,566	156,587	81,633	52 1	4,709	[illegible]
Total Hours	13,645,346	9,069,981	5,311,986	58 6	432,914	4 8	7,729,922	5,056,768	4,547,442	55 8	298,[illegible]	3 3	[illegible]712	7,975,557	3,990,501	52 0	[illegible]5 [illegible]	2 4
Average Weekly Hours	46 0	49 2	48 9	—	39 4	—	45 2	49 0	49 0	—	39 9	—	44 3	49 0	48 9	—	39 4	—
Boeing																		
Total Number of Workers	4,083	2,529	1,968	77 8	636	25 1	NR	2,453	1,961	79 9	640	26 1	NR	2,079	1,571	75 6	[illegible]	[illegible]
Number of Workers	——	2,529	1,968	——	636	——	——	2,453	1,961	——	640	——	—	2,079	1,571	—	[illegible]	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	[illegible]	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	[illegible]	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	228,800	121,392	94,464	77 8	24,804	20.4	NR	117,744	94,128	79 9	24,960	21 2	NR	99,792	75,408	75 6	14,820	14 9
Average Weekly Hours	45 9	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Bell, Marietta																		
Total Number of Workers	12,466	7,460	6,260	83 9	0	0	NR	7,463	6,261	83 9	0	0	NR	7,948	6,285	80 1	0	0
Number of Workers	——	7,460	6,260	——	——	——	——	7,463	6,261	——	——	——	——	7,948	6,285	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5 5[52]	5.5[52]	——	——	——	——	5 5[52]	5 5[52]	——	——	——	——	5 5[52]	5 5[52]	——	——	——
Total Hours	642,300	369,270	309,870	83.9	0	0	NR	369,419	309,920	83 9	0	0	NR	388,476	311,108	80 1	0	0
Average Weekly Hours	51.5	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Bell, Buffalo[19]																		
Total Number of Workers	6,157	4,221	2,177	51 6	22	0 5	5,553	3,907	1,869	47 8	18	0 5	NR	1,386	131	9 5	4	0 3
Number of Workers	——	4,221	2,177	——	22	——	——	3,907	1,869	——	18	——	——	1,386	131	——	4	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week[20]	——	6	6	——	6	——	——	6	6	——	6	——	——	5	5	——	5	——
Total Hours	289,175	202,608	104,496	51.6	856	0 4	250,927	187,536	89,712	47 8	702	0 4	NR	55,440	5,240	9 5	130	0 2
Average Weekly Hours	47.0	——	——	——	——	——	45 2	——	——	——	——	——	NR	——	——	——	——	——
Bellanca, Newcastle																		
Total Number of Workers	1,457	900	606	67 3	68	7.6	1,612	967	606	62 7	76	7 9	NR	968	488	50 4	7	0 7
Number of Workers	——	900	606	——	68	——	——	967	606	——	76	——	——	968	488	——	7	——
Hours per Day	——	7 75	7 75	——	7	——	——	7.75	7 75	——	7	——	——	7 75	7 75	——	7	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	65,979	41,850	28,179	67 3	2,856	6 8	69,727	44,966	28,179	62 7	3,192	7 1	NR	45,012	22,692	50 4	294	0 7
Average Weekly Hours	45 3	——	——	——	——	——	43 3	——	——	——	——	——	NR	——	——	——	——	——
Boeing, Renton and Seattle																		
Total Number of Workers	17,884	8,989	7,022	78.3	1,504	16 8	17,013	8,859	6,731	76 0	1,304	14 7	NR	8,750	6,473	74 0	1,209	13 8
Number of Workers	——	7,995	6,137	——	1,363	——	——	7,343	5,265	——	940	——	——	7,273	5,490	—	1,077	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	—	6	——
Number of Workers	——	974	885	——	141	——	——	1,516	1,466	——	364	——	——	1,477	993	—	132	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	—	6 5	——
Days per Week	——	7	7	——	7	——	——	7	7	——	7	——	——	7	7	—	7	——
Total Hours	761,490	435,304	344,136	78 5	59,573	13 6	749,743	437,360	334,816	76 6	53,222	12 2	NR	431,816	318,648	74 0	48,009	11
Average Weekly Hours	42 6	——	——	——	——	——	44 1	——	——	——	——	——	NR	——	——	——	——	——
Boeing, Wichita, Plants 1 & 2																		
Total Number of Workers	7,844	4,456	3,798	85 2	0	0	NR	4,297	3,515	81 8	0	0	NR	4,397	3,056	69 5	0	0
Number of Workers	——	4,456	3,798	——	——	——	——	4,297	3,515	——	——	——	——	4,397	3,056	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——	——	5 5	5 5	——	——	——
Total Hours	430,227	245,190	208,990	85 2	0	0	NR	236,335	193,325	81 8	0	0	NR	241,835	168,040	69 5	0	0
Average Weekly Hours	54 8	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

Plant	JANUARY — Actual — All Shifts	JANUARY — Actual — First Shift	JANUARY — Scheduled Second Shift Number	JANUARY — Scheduled Second Shift % of First	JANUARY — Scheduled Third Shift Number	JANUARY — Scheduled Third Shift % of First	FEBRUARY — Actual — All Shifts	FEBRUARY — Actual — First Shift	FEBRUARY — Scheduled Second Shift Number	FEBRUARY — Scheduled Second Shift % of First	FEBRUARY — Scheduled Third Shift Number	FEBRUARY — Scheduled Third Shift % of First	MARCH — Actual — All Shifts	MARCH — Actual — First Shift	MARCH — Scheduled Second Shift Number	MARCH — Scheduled Second Shift % of First	MARCH — Scheduled Third Shift Number	MARCH — Scheduled Third Shift % of First	APRIL — Actual — All Shifts	APRIL — Actual — First Shift	APRIL — Scheduled Second Shift Number	APRIL — Scheduled Second Shift % of First	APRIL — Scheduled Third Shift Number	APRIL — Scheduled Third Shift % of First	MAY — Actual — All Shifts	MAY — Actual — First Shift	MAY — Scheduled Second Shift Number	MAY — Scheduled Second Shift % of First	MAY — Scheduled Third Shift Number	MAY — Scheduled Third Shift % of First	JUNE — Actual — All Shifts	JUNE — Scheduled — First Shift	JUNE — Scheduled Second Shift Number	JUNE — Scheduled Second Shift % of First	JUNE — Scheduled Third Shift Number	JUNE — Scheduled Third Shift % of First
Chance Vought, Stratford and Re-export																																						
Total Number of Workers	5,152	3,264	2,087	63 9	0	0	5,510	3,523	2,175	61 7	0	0	5,617	3,530	2,269	64 3	0	0	5,634	3,449	2,261	65 6	0	0	5,491	3,444	2,127	61 8	0	0	NR	3,291	2,055	62 4	0	0
Number of Workers	——	3,264	2,087		—	—	——	3,523	2,175	——	——	——	——	3,530	2,269	——	——	——	——	3,449	2,261	——	——	——	——	3,444	2,127	——	——	——	—	3,291	2,055	——	——	——
Hours per Day	——	10	10		—	—	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	9 6	9 6	——	——	——
Days per Week	——	5 3	5 3		—	—	——	5 3	5 3	——	——	——	——	5 3	5 3	——	——	——	——	5.3	5 3	——	——	——	——	5 3	5 3	——	——	——	——	5	5	——	——	——
Total Hours	255,861	172,992	110,611	63 9	0	0	272,396	186,719	115,275	61 7	0	0	293,532	187,090	120,257	64 3	0	0	288,443	182,797	119,833	65.6	0	0	289,258	182,532	112,731	61 8	0	0	NR	157,965	98,640	62 4	0	0
Average Weekly Hours	55 5	——	——	——	——	——	49 4	——	——	——	——	——	52 3	——	——	——	——	——	51 2	——	——	——	——	——	52.7	——	——	——	——	——	NR	——	——	——	——	——
Columbia, Valley Stream																																						
Total Number of Workers	1,403	1,197	203	17 0	0	0	1,396	1,193	195	16 3	0	0	1,175	988	179	18.1	0	0	1,127	950	171	18.0	0	0	NR	874	152	17 4	0	0	NR	849	144	17 0	0	0
Number of Workers	——	827	203	——	——	——	——	835	195	——	——	——	——	693	179	——	——	——	——	663	171	——	——	——	——	611	152	——	——	——	——	586	144	——	——	——
Hours per Day[25]	——	9 5	11	——	——	——	——	9.5	11	——	——	——	——	9.5	11	——	——	——	——	9.5	11	——	——	——	——	9.5	11	——	——	——	——	9 5	11	——	——	——
Days per Week[25]	——	5 84	5	——	——	——	——	5 84	5	——	——	——	——	5 84	5	——	——	——	——	5.84	5	——	——	——	——	5.84	5	——	——	——	——	5 84	5	——	——	——
Number of Workers	——	370	——	——	——	——	——	358	——	——	——	——	——	295	——	——	——	——	——	287	——	——	——	——	——	263	——	——	——	——	——	263	——	——	——	——
Hours per Day[25]	——	9 5	——	——	——	——	——	9 5	——	——	——	——	——	9.5	——	——	——	——	——	9 5	——	——	——	——	9.5	——	——	——	——	——	——	9 5	——	——	——
Days per Week[25]	——	5 42	——	——	——	——	——	5 42	——	——	——	——	——	5 42	——	——	——	——	——	5 42	——	——	——	——	5 42	——	——	——	——	——	——	5 42	——	——	——
Total Hours	65,766	64,933	11,165	17 2	0	0	65,611	64,759	10,725	16 6	0	0	55,312	53,637	9,845	18 4	0	0	53,521	51,561	9,405	18.2	0	0	NR	47,440	8,360	17 6	0	0	NR	46,053	7,920	17 2	0	0
Average Weekly Hours	46 9	——	——	——	——	——	47 0	——	——	——	——	——	47.1	——	——	——	——	——	47.5	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Consol.-Vultee, Allentown																																						
Total Number of Workers	1,392	867	559	64 5	0	0	1,704	1,013	725	71 6	0	0	1,699	1,011	698	69.0	27	2.7	1,745	1,132	627	55.4	28	2 5	NR	1,106	731	66 1	2	0 2	NR	1,030	756	73.4	1	0 1
Number of Workers	——	809	530	——	——	——	——	993	725	——	——	——	——	952	648	——	27	——	——	730	318	——	28	——	——	1,106	693	——	2	——	——	923	699	——	1	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	58	29	——	——	——	——	20	——	——	——	——	——	59	50	——	——	——	——	320	249	——	——	——	——	——	38	——	——	——	——	12	57	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	——	——	——	——	——	10	10	——	——	——	——	9	9	——	——	——	——	——	9	——	——	——	——	10	9	——	——	——
Days per Week	——	6.8	6.8	——	——	——	——	6	——	——	——	——	——	6	6	——	——	——	——	5.89	5 89	——	——	——	——	——	5 88	——	——	——	——	5 8	6	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	82	60	——	——	——	——	——	——	——	——	——	——	95	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	10	10	——	——	——	——	——	——	——	——	——	——	9	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	5 8	5 8	——	——	——	——	——	——	——	——	——	——	6	——	——	——	——
Total Hours	67,169	42,776	27,412	64 1	0	0	80,759	48,864	34,800	71 2	0	0	77,815	49,236	34,104	69 3	1,296	2 6	90,373	56,759	31,943	56 3	1,344	2 4	NR	53,088	35,275	66 4	96	0 2	NR	50,130	36,630	73 1	48	0 1
Average Weekly Hours	48.3	——	——	——	——	——	47 4	——	——	——	——	——	45 8	——	——	——	——	——	51.8	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Consol.-Vultee, Downey																																						
Total Number of Workers	2,414	1,755	722	41 1	55	3 1	2,283	1,681	697	41 5	21	1.2	2,104	1,599	613	38.3	15	0.9	2,013	1,569	543	34 6	10	0.6	1,737	1,389	466	33 5	1	0 1	1,235	1,208	110	9 1	0	0
Number of Workers	——	1,680	668	——	55	——	——	1,611	650	——	21	——	——	1,533	613	——	15	——	——	1,506	543	——	10	——	——	1,389	466	——	1	——	——	1,208	110	——	——	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	——	——
Number of Workers	——	75	54	——	——	——	——	70	47	——	——	——	——	66	——	——	——	——	——	63	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	——	——	——	——	——	4	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	——	——	——	——	——	6	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	97,281	82,440	33,360	40 5	2,145	2 6	100,922	79,008	32,328	40 9	819	1 0	94,265	75,168	29,424	39 1	555	0.8	89,368	73,800	26,064	35 3	390	0 5	78,379	66,672	22,368	33 5	39	01	52,398	57,984	5,280	9 1	0	0
Average Weekly Hours	40 3	——	——	——	——	——	44 2	——	——	——	——	——	44.8	——	——	——	——	——	44 4	——	——	——	——	——	45 1	——	——	——	——	——	42 4	——	——	——	——	——
Consol.-Vultee, Fort Worth																																						
Total Number of Workers	9,887	5,865	4,070	69 4	5	0 1	10,353	5,663	4,732	83 6	4	0 1	10,131	5,706	4,590	80 4	9	0 2	9,408	5,302	4,218	79 6	10	0 2	8,557	4,980	3,712	74 5	7	0 1	NR	3,298	436	13 2	2	0 1
Number of Workers	——	5,865	4,070	——	5	——	——	5,663	4,732	——	4	——	——	5,706	4,590	——	9	——	——	5,302	4,218	——	10	——	——	4,980	3,712	——	7	——	——	3,298	436	——	2	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	438,855	281,520	195,360	69 4	195	0 1	482,782	271,824	227,136	83 6	156	0 1	457,335	273,888	220,320	80 4	351	0 7	441,697	254,496	202,464	79 6	390	0 2	394,593	239,040	178,176	74 5	273	0 1	NR	158,304	20,928	13 2	78	0
Average Weekly Hours	44 4	——	——	——	——	——	46 6	——	——	——	——	——	45.1	——	——	——	——	——	46 9	——	——	——	——	——	46 1	——	——	——	——	——	NR	——	——	——	——	——
Consol.-Vultee, New Orleans																																						
Total Number of Workers	2,930	1,625	1,275	78 5	0	0	2,759	1,450	1,225	84 5	0	0	2,780	1,550	1,175	75 8	0	0	2,726	1,475	1,175	79 7	35	2 4	NR	1,490	1,185	80 1	35	2 4	NR	1,550	1,100	71 0	35	2 3
Number of Workers	——	1,500	1,150	——	—	—	——	1,250	1,075	——	——	——	——	1,425	1,075	——	——	——	——	1,125	925	——	35	——	——	1,190	975	——	35	——	——	1,350	1,010	——	33	——
Hours per Day	——	8	8	——	—	—	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	—	—	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	125	125	——	——	——	——	200	150	——	——	——	——	125	100	——	——	——	——	350	250	——	——	——	——	290	210	——	——	——	——	200	90	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	7	7	——	——	——	——	7	7	——	——	——	——	7	7	——	——	——	——	7	7	——	——	——	——	7	7	——	——	——	——	7	7	——	——	——
Total Hours	35,905	79,000	62,200	78 7	0	0 1	126,976	71,200	60,000	84 3	0	0	125,824	73,400	57,200	77 9	0	0	128,714	73,600	58,400	79 3	1,365	1 9	NR	73,360	58,560	79 8	1,365	1 9	NR	76,000	53,320	70 4	1,365	1 8
Average Weekly Hours	44 4	——	——	——	——	——	46 0	——	——	——	——	——	45 3	——	——	——	——	——	47 2	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

FACILITY	JANUARY — Actual All Shifts	JANUARY — Actual First Shift	JANUARY — Scheduled Second Shift Number	JANUARY — Scheduled Second Shift % of First	JANUARY — Scheduled Third Shift Number	JANUARY — Scheduled Third Shift % of First	FEBRUARY — Actual All Shifts	FEBRUARY — Actual First Shift	FEBRUARY — Scheduled Second Shift Number	FEBRUARY — Scheduled Second Shift % of First	FEBRUARY — Scheduled Third Shift Number	FEBRUARY — Scheduled Third Shift % of First
Consol.-Vultee, Nashville												
Total Number of Workers	2,118	1,416	732	51 7	48	3.4	2,385	1,619	832	51 4	31	1 9
Number of Workers	—	—	—	—	11	—	—	—	—	—	22	—
Hours per Day	—	8	8	—	7	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6 5	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	37	—	—	—	—	—	9	—
Hours per Day	—	—	—	—	6 5	—	—	—	—	—	8	—
Days per Week	—	—	—	—	6	—	—	—	—	—	5	—
Total Hours	104,312	70,986	36,268	51.1	1,944	2 7	120,872	86,044	45,760	53.2	1,416	1.6
Average Weekly Hours	49 3	—	—	—	—	—	50.7	—	—	—	—	—
Consol.-Vultee, San Diego												
Total Number of Workers	14,400	9,336	6,224	66 7	164	1 8	14,498	9,183	6,284	68 4	47	0.5
Number of Workers	—	8,765	5,836	—	164	—	—	8,465	5,767	—	47	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	110	110	—	—	—	—	105	105	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	461	278	—	—	—	—	613	412	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	615,183	449,176	298,336	66.4	7,872	1.8	630,260	443,168	302,408	68.2	2,256	0.5
Average Weekly Hours	42 7	—	—	—	—	—	42.8	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	629	592	60	10.1	0	0	594	580	38	6 6	0	0
Number of Workers	—	534	50	—	—	—	—	524	31	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	6	10	—	—	—	—	5	7	—	—	—
Hours per Day	—	8	10	—	—	—	—	8	10	—	—	—
Days per Week	—	7	6	—	—	—	—	7	6	—	—	—
Number of Workers	—	52	—	—	—	—	—	51	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	29,535	29,088	3,000	10 3	0	0	26,636	28,492	1,908	6.7	0	0
Average Weekly Hours	47.0	—	—	—	—	—	44 8	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	446	359	110	30 6	0	0	394	320	90	28 1	0	0
Number of Workers	—	359	110	—	—	—	—	320	90	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	20,369	17,232	5,280	30.6	0	0	18,258	15,360	4,320	28 1	0	0
Average Weekly Hours	45 7	—	—	—	—	—	46 3	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	14,847	7,720	5,661	73 3	1,466	19 0	15,037	7,699	5,804	75 4	1,534	19 9
Number of Workers	—	3,093	2,261	—	908	—	—	7,699	5,804	—	1,534	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	4,627	3,400	—	558	—	—	—	—	—	—	—
Hours per Day	—	8	8	—	6 5	—	—	—	—	—	—	—
Days per Week	—	7	7	—	7	—	—	—	—	—	—	—
Total Hours	762,702	407,576	298,928	73 3	60,801	14 9	679,165	369,552	278,592	75.4	59,826	16 2
Average Weekly Hours	51 4	54	54	—	54	—	45 2	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	9,975	4,975	3,451	69 4	1,734	34 9	9,656	4,763	3,272	68 7	1,706	35 8
Number of Workers	—	4,975	3,451	—	1,734	—	—	4,763	3,272	—	1,706	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	443,412	238,800	165,048	69 4	67,626	28 3	430,831	228,624	157,056	68 7	66,534	29 1
Average Weekly Hours	44 5	—	—	—	—	—	44 6	—	—	—	—	—

FACILITY	MARCH — Actual All Shifts	MARCH — Actual First Shift	MARCH — Scheduled Second Shift Number	MARCH — Scheduled Second Shift % of First	MARCH — Scheduled Third Shift Number	MARCH — Scheduled Third Shift % of First	APRIL — Actual All Shifts	APRIL — Actual First Shift	APRIL — Scheduled Second Shift Number	APRIL — Scheduled Second Shift % of First	APRIL — Scheduled Third Shift Number	APRIL — Scheduled Third Shift % of First
Consol.-Vultee, Nashville												
Total Number of Workers	2,532	1,699	921	54.2	3	0 2	2,555	1,729	935	54 1	3	0.2
Number of Workers	—	—	—	—	3	—	—	—	—	—	3	—
Hours per Day	—	8	8	—	10.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6 62	—	—	6	6	—	7	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	124,878	84,424	45,882	54 3	209	0.2	121,720	85,896	46,892	54 6	137	0 2
Average Weekly Hours	49.3	—	—	—	—	—	47.6	—	—	—	—	—
Consol.-Vultee, San Diego												
Total Number of Workers	13,745	8,705	5,797	66.6	42	0 5	12,939	8,112	5,456	67 3	30	0.4
Number of Workers	—	8,050	5,256	—	42	—	—	7,245	4,709	—	30	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	101	101	—	—	—	—	91	90	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	534	440	—	—	—	—	776	657	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	592,359	419,848	279,352	66.5	2,016	0.5	570,351	393,400	264,984	67.4	1,440	0.4
Average Weekly Hours	43.1	—	—	—	—	—	44.1	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	562	552	25	4.5	0	0	542	532	20	3.8	0	0
Number of Workers	—	511	20	—	—	—	—	497	15	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	5	5	—	—	—	—	5	5	—	—	—
Hours per Day	—	8	10	—	—	—	—	8	10	—	—	—
Days per Week	—	7	6	—	—	—	—	7	6	—	—	—
Number of Workers	—	38	—	—	—	—	—	30	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	10	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—
Total Hours	25,224	26,968	1,260	4.7	0	0	25,816	25,036	1,020	3.9	0	0
Average Weekly Hours	44 9	—	—	—	—	—	47.6	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	376	330	71	21.5	0	0	365	310	58	18 7	0	0
Number of Workers	—	330	71	—	—	—	—	310	58	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	17,108	15,840	3,408	21 5	0	0	17,186	14,880	2,784	18.7	0	0
Average Weekly Hours	45 5	—	—	—	—	—	47.0	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	13,886	7,360	5,041	68.5	1,485	20.2	12,932	7,113	5,108	71 8	711	10.0
Number of Workers	—	7,360	5,041	—	1,485	—	—	7,113	5,108	—	711	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	632,703	353,280	241,968	68 5	57,915	16 4	584,311	341,424	245,184	71 8	27,729	8 1
Average Weekly Hours	45 6	—	—	—	—	—	45 2	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	9,561	4,815	3,245	67 4	1,570	32 6	9,220	4,775	3,283	68 8	1,268	26 6
Number of Workers	—	4,815	3,245	—	1,570	—	—	4,775	3,283	—	1,268	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	428,333	231,120	155,760	67 4	61,230	26 5	401,070	229,200	157,584	68 8	49,452	21 6
Average Weekly Hours	44 8	—	—	—	—	—	43 5	—	—	—	—	—

FACILITY	MAY — Actual All Shifts	MAY — Actual First Shift	MAY — Scheduled Second Shift Number	MAY — Scheduled Second Shift % of First	MAY — Scheduled Third Shift Number	MAY — Scheduled Third Shift % of First	JUNE — Actual All Shifts	JUNE — Actual First Shift	JUNE — Scheduled Second Shift Number	JUNE — Scheduled Second Shift % of First	JUNE — Scheduled Third Shift Number	JUNE — Scheduled Third Shift % of First
Consol.-Vultee, Nashville												
Total Number of Workers	1,086	1,267	0	0	0	0	NR	600	0	0	0	0
Number of Workers	—	242	—	—	—	—	—	137	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	6	—	—	—	—	—	6	—	—	—	—
Number of Workers	—	1,025	—	—	—	—	—	463	—	—	—	—
Hours per Day	—	8	—	—	—	—	—	8	—	—	—	—
Days per Week	—	5	—	—	—	—	—	5	—	—	—	—
Total Hours	45,292	52,616	—	0	0	0	NR	25,096	0	0	0	0
Average Weekly Hours	41 7	—	—	—	—	—	NR	—	—	—	—	—
Consol.-Vultee, San Diego												
Total Number of Workers	NR	7,143	4,220	59 1	37	0 5	NR	5,842	2,698	46 2	11	0 2
Number of Workers	—	6,714	3,980	—	37	—	—	5,305	2,418	—	10	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	50	49	—	—	—	—	181	83	—	1	—
Hours per Day	—	4	4	—	—	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	—	—	—	5	5	—	5	—
Number of Workers	—	379	191	—	—	—	—	356	197	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	7	7	—	—	—	—	7	7	—	—	—
Total Hours	NR	344,696	202,912	58 9	1,776	0 5	NR	281,816	130,416	46 3	423	0 2
Average Weekly Hours	NR	—	—	—	—	—	NR	—	—	—	—	—
Consol.-Vultee, Wayne												
Total Number of Workers	NR	558	20	3.6	0	0	NR	542	7	1 3	0	0
Number of Workers	—	522	15	—	—	—	—	542	7	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Number of Workers	—	5	5	—	—	—	—	—	—	—	—	—
Hours per Day	—	8	10	—	—	—	—	—	—	—	—	—
Days per Week	—	7	6	—	—	—	—	—	—	—	—	—
Number of Workers	—	31	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	10	—	—	—	—	—	—	—	—	—	—
Days per Week	—	6	—	—	—	—	—	—	—	—	—	—
Total Hours	NR	27,196	1,020	3 8	0	0	NR	26,016	336	1 3	0	0
Average Weekly Hours	NR	—	—	—	—	—	NR	—	—	—	—	—
Culver, Wichita												
Total Number of Workers	NR	304	42	13.8	0	0	NR	304	27	8 9	0	0
Number of Workers	—	304	42	—	—	—	—	304	27	—	—	—
Hours per Day	—	8	8	—	—	—	—	8	8	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	NR	14,592	2,016	13 8	0	0	NR	14,592	1,296	8 9	0	0
Average Weekly Hours	NR	—	—	—	—	—	NR	—	—	—	—	—
Curtiss, Buffalo												
Total Number of Workers	12,256	6,912	4,903	70 9	441	6 4	NR	6,575	4,643	70 6	419	6 4
Number of Workers	—	6,912	4,903	—	441	—	—	6,575	4,643	-	419	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	—	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	—	—
Days per Week	—	—	—	—	—	—	—	—	—	—	—	—
Total Hours	535,052	331,776	235,344	70 9	17,199	5 2	NR	315,600	222,864	70 6	16,344	5 2
Average Weekly Hours	43 7	—	—	—	—	—	NR	—	—	—	—	—
Curtiss, Columbus												
Total Number of Workers	8,970	4,886	3,167	64 8	995	20 4	NR	5,178	2,732	52 8	821	15 9
Number of Workers	—	4,886	3,167	—	995	—	—	5,178	2,732	—	821	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	414,414	234,528	152,016	64 8	38,805	16 5	NR	248,544	131,136	52 9	32,019	12 9
Average Weekly Hours	46 2	—	—	—	—	—	NR	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 —(CONTINUED)

JANUARY TO JUNE, 1945

[illegible]	JANUARY						FEBRUARY						MARCH					
	Actual — All Shifts	Actual — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First	Actual — All Shifts	Actual — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First
Curtiss Buffalo																		
Total Number of Workers	1,714	955	681	71 3	42	4 4	1,519	873	571	65 4	87	10 0	1,450	831	589	70.9	4	0.5
Number of Workers	——	955	681	——	42	——	——	873	571	——	87	——	——	831	589	——	4	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	74,745	45,840	32,688	71.3	1,638	3.6	65,243	41,904	27,408	65 4	3,393	8.1	59,030	39,888	28,272	70.9	156	0.4
Average Weekly Hours	43 6	——	——	——	——	——	43.0	——	——	——	——	——	40.7	——	——	——	——	——
Curtiss, St. Louis																		
Total Number of Workers	5,398	3,360	1,776	52 9	196	5.8	6,135	3,819	1,964	51 4	317	8 3	6,130	3,765	1,970	52.3	325	8.6
Number of Workers	——	3,360	1,776	——	196	——	——	3,819	1,964	——	317	——	——	3,765	1,970	——	325	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	255,179	161,280	85,248	52.9	7,644	4.7	263,978	183,312	94,272	51.4	12,363	6 7	263,621	180,720	94,560	52.3	12,675	7.0
Average Weekly Hours	47 3	——	——	——	——	——	43.0	——	——	——	——	——	43.0	——	——	——	——	——
Douglas, Chicago																		
Total Number of Workers	9,521	4,457	4,088	91 7	976	21.9	9,637	4,696	4,149	88.4	973	20.7	9,587	4,710	4,087	86.8	934	19 8
Number of Workers	——	4,457	4,088	——	976	——	——	4,696	4,149	——	973	——	——	4,710	4,087	——	934	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	437,217	213,936	196,224	91.7	38,064	17 8	438,903	225,408	199,152	88.4	37,947	16.8	432,922	226,080	196,176	86.8	36,426	16.1
Average Weekly Hours	45.9	——	——	——	——	——	45.5	——	——	——	——	——	45.2	——	——	——	——	——
Douglas, El Segundo																		
Total Number of Workers	3,141	1,820	1,340	73 6	48	2 6	3,353	1,925	1,410	73.2	86	4.5	3,392	1,994	1,428	71.6	79	4.0
Number of Workers	——	1,818	1,300	——	48	——	——	1,925	1,344	——	86	——	——	1,994	1,359	——	79	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	2	40	——	——	——	——	——	66	——	——	——	——	——	69	——	——	——
Hours per Day	——	4	4	——	——	——	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	6	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	152,325	87,312	63,360	72 6	1,872	2 1	156,175	92,400	66,096	71 5	3,354	3.6	155,782	95,712	66,888	69.9	3,081	3.2
Average Weekly Hours	48.5	——	——	——	——	——	46.6	——	——	——	——	——	45.9	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	15,103	7,728	5,777	74.8	1,761	22.8	15,609	7,809	6,044	77.4	1,918	24.6	15,561	7,826	6,015	76.9	1,899	24.3
Number of Workers	——	7,300	5,175	——	1,761	——	——	7,388	5,452	——	1,918	——	——	7,497	5,467	——	1,899	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	428	602	——	——	——	——	421	592	——	——	——	——	399	548	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	670,363	360,672	262,848	72 9	68,679	19.0	679,279	364,728	275,904	75.6	74,802	20.5	687,914	366,072	275,568	75 3	74,061	20.2
Average Weekly Hours	44.4	——	——	——	——	——	43.5	——	——	——	——	——	44.2	——	——	——	——	——
Douglas, Oklahoma																		
Total Number of Workers	9,648	4,975	4,632	93 1	48	1 0	10,321	5,393	4,923	91 3	107	2 0	10,475	5,532	4,778	86 4	240	4.3
Number of Workers	——	4,975	4,632	——	48	——	——	5,393	4,923	——	107	——	——	3,437	2,979	——	240	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	2,095	1,799	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	8	8	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	6 75	6 75	——	——	——
Total Hours	456,488	238,800	222,336	93 1	1,872	0 8	489,826	258,864	236,304	91 3	4,173	1 6	496,677	278,106	240,138	86 3	9,360	3 4
Average Weekly Hours	47 3	——	——	——	——	——	47 5	——	——	——	——	——	47 4	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	6,637	3,206	1,978	61 7	1,346	42 0	7,509	3,524	2,327	66 0	1,640	46 5	7,724	3,617	2,392	66 1	1,732	47 9
Number of Workers	——	3,206	1,978	——	1,346	——	——	3,524	2,295	——	1,640	——	——	3,617	2,349	——	1,732	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	——	——	——	——	——	——	32	——	——	——	——	——	43	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	——	——	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	307,914	153,888	94,944	61 7	52,494	34 1	351,850	169,152	110,928	65 6	63,960	37 8	341,453	173,616	113,784	65 5	57,548	38 9
Average Weekly Hours	46 4	——	——	——	——	——	46.9	——	——	——	——	——	44 2	——	——	——	——	——

[illegible]	APRIL						MAY						JUNE					
	Actual — All Shifts	Scheduled — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First	Actual — All Shifts	Scheduled — First Shift	Scheduled Second Shift Number	Scheduled Second Shift % of First	Scheduled Third Shift Number	Scheduled Third Shift % of First
Curtiss Buffalo																		
Total Number of Workers	1,324	919	366	39.8	1	0 1	NR	879	292	33 2	1	0 1	NR	808	201	24 9	0	0
Number of Workers	——	919	366	——	1	——	——	879	292	——	1	——	——	808	201	——	——	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	6 5	——	——	8	8	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	——	——
Total Hours	55,195	44,112	17,568	39 8	48	0.1	NR	42,192	14,016	33 2	39	0 1	NR	38,784	9,648	24 9	0	0
Average Weekly Hours	41 7	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Curtiss, St. Louis																		
Total Number of Workers	5,921	3,670	2,034	55.4	225	6 1	5,818	3,954	1,551	39 2	217	5 5	NR	2,448	918	37.5	34	1 4
Number of Workers	——	3,670	2,034	——	225	——	——	3,954	1,551	——	217	——	——	2,448	918	——	34	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	258,575	176,160	97,632	55.4	8,775	5 0	245,413	159,792	74,448	39 2	8,463	4 5	NR	117,504	44,064	37 5	1,326	1 1
Average Weekly Hours	43.7	——	——	——	——	——	42 2	——	——	——	——	——	NR	——	——	——	——	——
Douglas, Chicago																		
Total Number of Workers	9,336	4,616	3,971	86.0	915	19 8	9,137	4,602	3,918	85 1	807	17.5	NR	4,615	3,856	83.6	798	17 3
Number of Workers	——	4,616	3,971	——	915	——	——	4,602	3,918	——	807	——	——	4,615	3,856	——	798	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6.5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	425,077	221,568	190,608	86.0	35,685	16.1	420,193	220,896	188,064	85.1	31,473	14 2	NR	221,520	185,088	83.6	31,122	14 0
Average Weekly Hours	45.5	——	——	——	——	——	46 0	——	——	——	——	——	NR	——	——	——	——	——
Douglas, El Segundo																		
Total Number of Workers	3,470	2,042	1,444	70.7	91	4 5	3,508	2,090	1,475	70.6	93	4 4	NR	2,069	1,480	71.5	70	3 4
Number of Workers	——	2,042	1,364	——	91	——	——	2,090	1,402	——	93	——	——	2,069	1,432	——	70	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	——	80	——	——	——	——	——	73	——	——	——	——	——	48	——	——	——
Hours per Day	——	——	4	——	——	——	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	161,333	98,016	67,392	68 8	3,549	3 6	158,983	100,320	69,048	68 8	3,627	3.6	NR	99,312	69,888	70 4	2,730	7 7
Average Weekly Hours	46.5	——	——	——	——	——	45 3	——	——	——	——	——	NR	——	——	——	——	——
Douglas, Long Beach																		
Total Number of Workers	15,143	7,577	5,817	76.8	1,881	24 8	NR	7,258	5,421	74.7	1,182	16.3	NR	7,154	4,802	67 1	357	5 0
Number of Workers	——	7,217	5,336	——	1,881	——	——	6,916	4,987	——	1,182	——	——	6,982	4,538	——	357	——
Hours per Day	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	360	481	——	——	——	——	342	434	——	——	——	——	172	264	——	——	——
Hours per Day	——	4	4	——	——	——	——	4	4	——	——	——	——	4	4	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	655,843	355,056	267,672	75 4	73,359	20 7	NR	340,176	249,792	73 4	46,098	13 6	NR	339,264	224,160	66 1	13,923	4 1
Average Weekly Hours	43 3	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Douglas, Oklahoma																		
Total Number of Workers	10,652	5,599	4,734	84 6	296	5 3	10,328	5,543	4,554	82 2	353	6 4	NR	5,465	3,933	72 0	32	0 6
Number of Workers	——	3,676	2,799	——	57	——	——	3,772	2,936	——	30	——	——	5,465	3,933	——	32	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	1,923	1,935	——	239	——	——	1,771	1,618	——	323	——	——	——	——	——	——	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	——	——	——	——	——
Days per Week	——	6 75	6 75	——	7	——	——	6 75	6.75	——	7	——	——	——	——	——	——	——
Total Hours	498,258	280,290	238,842	85 2	13,098	4 7	476,538	276,690	228,300	82 5	15,867	5 7	NR	262,320	188,784	72 0	1,248	0 5
Average Weekly Hours	46 8	——	——	——	——	——	46 1	——	——	——	——	——	NR	——	——	——	——	——
Douglas, Santa Monica																		
Total Number of Workers	7,645	3,559	2,364	66 4	1,775	49 9	7,251	4,160	3,216	77 3	0	0	NR	4,021	2,952	73 4	0	0
Number of Workers	——	3,559	2,320	——	1,775	——	——	4,160	3,169	——	——	——	——	4,021	2,907	——	——	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	——	——	——	8	8	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	——	44	——	——	——	——	——	47	——	——	——	——	——	45	——	——	——
Hours per Day	——	——	4	——	——	——	——	——	4	——	——	——	——	——	4	——	——	——
Days per Week	——	——	6	——	——	——	——	——	6	——	——	——	——	——	6	——	——	——
Total Hours	338,613	170,832	112,416	65 8	69,225	40 5	327,423	199,680	153,240	76 7	0	0	NR	183,008	140,616	72 9	0	0
Average Weekly Hours	44 3	——	——	——	——	——	45 1	——	——	——	——	——	NR	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

FACILITY	JANUARY — Actual: All Shifts	JANUARY — Actual: First Shift	JANUARY — Scheduled Second Shift: Number	JANUARY — Scheduled Second Shift: % of First	JANUARY — Scheduled Third Shift: Number	JANUARY — Scheduled Third Shift: % of First	FEBRUARY — Actual: All Shifts	FEBRUARY — Actual: First Shift	FEBRUARY — Scheduled Second Shift: Number	FEBRUARY — Scheduled Second Shift: % of First	FEBRUARY — Scheduled Third Shift: Number	FEBRUARY — Scheduled Third Shift: % of First	MARCH — Actual: All Shifts	MARCH — Actual: First Shift	MARCH — Scheduled Second Shift: Number	MARCH — Scheduled Second Shift: % of First	MARCH — Scheduled Third Shift: Number	MARCH — Scheduled Third Shift: % of First	APRIL — Actual: All Shifts	APRIL — Actual: First Shift	APRIL — Scheduled Second Shift: Number	APRIL — Scheduled Second Shift: % of First	APRIL — Scheduled Third Shift: Number	APRIL — Scheduled Third Shift: % of First	MAY — Actual: All Shifts	MAY — Actual: First Shift	MAY — Scheduled Second Shift: Number	MAY — Scheduled Second Shift: % of First	MAY — Scheduled Third Shift: Number	MAY — Scheduled Third Shift: % of First	JUNE — Actual: All Shifts	JUNE — Actual: First Shift	JUNE — Scheduled Second Shift: Number	JUNE — Scheduled Second Shift: % of First	JUNE — Scheduled Third Shift: Number	JUNE — Scheduled Third Shift: % of First
Douglas, Tulsa																																				
Total Number of Workers	10,482	5,124	4,826	94 2	970	18 9	11,343	5,570	5,432	97 5	886	15 9	11,169	5,712	5,389	94 3	625	10 9	9,891	5,341	4,909	91 9	270	5 1	NR	5,050	4,602	91 1	27	—	NR	1,800	750	41 7	50	2 8
Number of Workers	——	5,124	4,826	——	970	——	——	5,570	5,432	——	886	——	——	5,712	5,389	——	625	——	——	5,341	4,909	——	270	——	—	5,050	4,602	—	27	——	——	1,800	750	——	50	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6 75	6 75	——	7	——	——	6	6	——	6	——	—	6	6	——	6	——	——	6	6	——	6	——
Total Hours	470,722	245,952	231,648	94 2	37,830	15 4	511,901	267,360	260,736	97 5	34,554	12 9	535,410	308,448	291,006	94 3	28,438	9 2	440,292	256,368	235,632	91 9	10,530	4 1	NR	242,400	220,896	91 1	1,053	4	NR	86,400	36,000	41 7	1,950	2 3
Average Weekly Hours	44 9	——	——	——	——	——	45 1	——	——	——	——	——	47 9	——	——	——	——	——	44 5	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Eastern, Linden																																				
Total Number of Workers	3,243	3,185	85	2 7	2	0 1	3,220	3,159	98	3 1	4	0 1	3,241	3,157	115	3 6	4	0 1	3,179	3,112	109	3 5	4	0 1	3,111	3,055	104	3 4	3	0 1	NR	2,429	676	27 8	0	0
Number of Workers	——	3,185	85	——	2	——	——	3,159	98	——	4	——	——	3,157	115	——	4	——	——	3,112	109	——	4	——	——	3,055	104	——	3	——	—	2,429	676	——	—	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	—	8	8	——	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	—	6	6	——	——	——
Total Hours	149,256	152,880	4,080	2 7	96	0 1	146,879	151,632	4,704	3.1	192	0 1	148,149	151,536	5,520	3 6	192	0 1	147,079	149,376	5,232	3 5	192	0 1	136,956	146,640	4,992	3 4	144	0 1	NR	116,592	32,448	27 8	0	0
Average Weekly Hours	46 0	——	——	——	——	——	45 6	——	——	——	——	——	45 7	——	——	——	——	——	46 3	——	——	——	——	——	44 0	——	——	——	——	——	NR	——	——	——	——	——
Eastern, Trenton																																				
Total Number of Workers	12,483	7,220	5,455	75 6	16	0 2	12,573	7,291	5,425	74 4	21	0 3	12,451	7,187	5,519	76 8	20	0 3	11,959	6,984	5,261	75 3	17	0 2	11,638	6,777	5,152	76 0	14	0 2	NR	6,680	4,924	73 7	0	0
Number of Workers	——	4,315	3,416	——	8	——	——	7,291	5,425	——	21	——	——	7,187	5,519	——	20	——	——	6,984	5,261	—	17	——	——	6,777	5,152	——	14	——	——	6,680	4,924	—	—	——
Hours per Day	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	——	8	——	——	8	8	—	——	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	—	——	——
Number of Workers	——	2,844	1,967	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	5 89	5 89	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Number of Workers	——	61	72	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Hours per Day	——	9	9	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6 78	6 78	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Hours	589,731	361,603	272,632	75 4	768	0 2	566,563	349,968	260,400	74.4	1,008	0 3	568,050	344,976	264,912	76.8	960	0 3	547,441	335,232	252,528	75 3	816	0 2	507,140	325,296	247,296	76 0	672	0 2	NR	320,640	236,352	73 7	0	0
Average Weekly Hours	47 2	——	——	——	——	——	45.1	——	——	——	——	——	45.6	——	——	——	——	——	45 8	——	——	——	——	——	43 6	——	——	——	——	——	NR	——	——	——	——	——
Fairchild, Hagerstown																																				
Total Number of Workers	2,436	1,900[58]	550[58]	28 9	50[58]	2 6	2,497	1,900[58]	575[58]	30 3	50[58]	2 6	2,481	1,900[58]	600[58]	31 6	50[58]	2 6	2,410	1,925[58]	550[58]	28 6	50[58]	2 6	2,320	1,900[58]	500[58]	26 3	50[58]	2 6	——	——	——	——	——	——
Number of Workers	——	1,900[58]	550[58]	——	50[58]	——	——	1,900[58]	575[58]	——	50[58]	——	——	1,900[58]	600[58]	——	50[58]	——	——	1,925[58]	550[58]	——	50[58]	——	——	1,900[58]	500[58]	——	50[58]	——	——	——	——	——	——	——
Hours per Day	——	8[58]	8[58]	——	6 5[58]	——	——	8[58]	8[58]	——	6 5[58]	——	——	8[58]	8[58]	——	6 5[58]	——	——	8[58]	8[58]	——	6 5[58]	——	——	8[58]	8[58]	——	6 5[58]	——	——	——	——	——	——	——
Days per Week	——	6[58]	6[58]	——	6[58]	——	——	6[58]	6[58]	——	6[58]	——	——	6[58]	6[58]	——	6[58]	——	——	6[58]	6[58]	——	6[58]	——	——	6[58]	6[58]	——	6[58]	——	——	——	——	——	——	——
Total Hours	118,914	91,200[58]	26,400[58]	28 9	1,950[58]	2 1	119,433	91,200[58]	27,600[58]	30,3	1,950[58]	2 1	110,701	91,200[58]	26,800[58]	31 6	1,950[58]	2 1	113,683	92,400[58]	26,400[58]	28 6	1,950[58]	2 1	113,187	91,200[58]	24,000[58]	26 3	1,950[58]	2 1	——	——	——	——	——	——
Average Weekly Hours	48 8	——	——	——	——	——	47 8	——	——	——	——	——	44 6	——	——	——	——	——	47 2	——	——	——	——	——	48 8	——	——	——	——	——	——	——	——	——	——	——
Fleetwings, Bristol																																				
Total Number of Workers	1,682	1,410	369	26 2	0	0	1,832	1,506	392	26 0	0	0	1,981	1,578	491	31 1	0	0	2,029	1,650	508	30 8	0	0	2,010	1,613	529	32 8	3	0 2	NR	1,351	486	36 0	8	0 6
Number of Workers	——	—	—	—	—	—	——	—	—	—	—	—	——	—	—	—	—	—	——	—	—	—	—	—	——	—	—	—	3	—	——	—	—	—	8	—
Hours per Day	——	2	2	——	—	—	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	8	——	——	2	2	——	8	——
Days per Week	——	2	2	——	—	—	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	6	——	——	2	2	——	6	——
Total Hours	84,285	69,558	18,228	26 2	0	0	90,245	74,430	19,368	26 0	0	0	97,733	80,058	24,000	30 0	0	0	98,798	83,880	25,167	30 0	0	0	90,550	81,792	26,037	31 8	144	0 2	NR	67,344	23,904	35 5	384	0 6
Average Weekly Hours	50 1	——	——	——	——	——	49 3	——	——	——	——	——	49 3	——	——	——	——	——	48 7	——	——	——	——	——	45 0	——	——	——	——	——	NR	——	——	——	——	——
Ford, Willow Run																																				
Total Number of Workers	10,366	7,313	2,756	37 7	254	3 5	10,237	7,145	3,084	43 2	0	0	9,824	6,981	3,007	43 1	0	0	9,075	6,509	2,805	43 1	0	0	4,852	5,056	0	0	0	0	NR	1,268	0	0	0	0
Number of Workers	——	7,226	2,698	——	254	——	——	7,084	3,023	——	——	——	——	6,928	2,954	——	——	——	——	6,484	2,761	——	——	——	——	5,041	—	—	—	—	—	1,268	—	—	—	—
Hours per Day	——	9	9	——	9	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	—	——	——	——	8	——	——	——	——	——	——	8	——	——	——
Days per Week	——	5	5	——	5	——	——	6	6	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Number of Workers	——	31	58	—	——	——	——	61	61	——	——	——	——	53	53	——	——	——	——	45	44	—	——	——	——	15	—	—	—	—	——	——	——	——	——	——
Hours per Day	——	9	9	—	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	—	——	——	——	8	——	——	——	——	——	——	——	——	——	——
Days per Week	——	6	6	—	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	—	——	——	——	4	—	—	—	—	——	——	——	——	——	——
Number of Workers	——	56	—	—	—	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	—	—	—	—	—	——	—	—	—	—	—
Hours per Day	——	8	—	—	—	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	—	—	—	—	—	——	—	—	—	—	—
Days per Week	——	6	—	—	—	—	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	—	—	—	—	—	——	—	—	—	—	—
Total Hours	414,204	329,512	124,164	37 7	11,430	3 5	481,495	385,464	166,170	43 1	0	0	387,874	314,304	135,474	43 1	0	0	330,748	283,040	126,357	43 1	0	0	168,217	202,120	0	0	0	0	NR	50,720	0	0	0	0
Average Weekly Hours	40 0	——	——	——	——	——	47 0	——	——	——	——	——	39 5	——	——	——	——	——	36 4	——	——	——	——	——	34 6	——	——	——	——	——	NR	——	——	——	——	——
Globe, Fort Worth																																				
Total Number of Workers	570	475	95	42 7	0	0	581	578	0	0	0	0	613	622	0	0	0	0	611	626	0	0	0	0	662	683	0	0	0	0	681	681	12	1 8	0	0
Number of Workers	——	475	201	——	——	——	——	578	—	—	—	—	——	622	—	—	—	—	——	626	—	—	—	—	——	683	—	—	—	—	——	681	12	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	—	—	—	—	——	8	—	—	—	—	——	8	—	—	—	—	——	8	—	—	—	—	——	8	8	——	——	——
Days per Week	——	6	6	——	——	——	——	6	—	—	—	—	——	6	—	—	—	—	——	6	—	—	—	—	——	5	—	—	—	—	——	5	5	——	——	——
Total Hours	28,918	22,800	9,744	42 7	0	0	26,584	27,744	0	0	0	0	28,459	29,856	0	0	0	0	28,191	30,048	0	0	0	0	29,762	32,784	0	0	0	0	33,405	30,645	540	1 8	0	0
Average Weekly Hours	50 7	——	——	——	——	——	47 4	——	——	——	——	——	46 5	——	——	——	——	——	46 1	——	——	——	——	——	45 0	——	——	——	——	——	49 2	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 —(CONTINUED)

JANUARY TO JUNE, 1945

PLANT	JANUARY						FEBRUARY						MARCH					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consolidated, Akron																		
Total Number of Workers	10,791	6,757	3,530	56 7	465	6 9	10,835	6,875	3,908	56 8	363	8 2	10,572	7,009	3,782	54 0	590	8 4
Number of Workers		6,757	3,530	—	465	—	—	6,875	3,908	—	509	—	—	7,009	3,782	—	522	—
Hours per Day		8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week		6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	—	—	—	—	—	—	54	—	—	—	—	—	68	—
Hours per Day	—	—	—	—	—	—	—	—	—	—	8	—	—	—	—	—	8	—
Days per Week	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—	6	—
Total Hours	511,519	324,336	183,840	56.7	18,135	5 6	477,007	330,000	187,584	56 8	22,443	6 8	477,063	336,432	181,536	54 0	23,622	7 0
Average Weekly Hours	47 4	—	—	—	—	—	44 0	—	—	—	—	—	45.1	—	—	—	—	—
Grumman, Beth Page																		
Total Number of Workers	13,122	11,033	2,753	25 0	0	0	12,847	11,021	2,822	25 6	0	0	12,653	11,134	2,851	25 6	0	0
Number of Workers	—	11,033	2,753	—	—	—	—	11,021	2,822	—	—	—	—	11,134	2,851	—	—	—
Hours per Day	—	9 8	10	—	—	—	—	9 8	10	—	—	—	—	9 8	10	—	—	—
Days per Week	—	5 8	5 8	—	—	—	—	5 8	5 8	—	—	—	—	5 8	5.8	—	—	—
Total Hours	651,240	627,116	159,674	25 5	0	0	679,220	626,434	163,676	26 1	0	0	660,701	632,857	165,358	26 1	0	0
Average Weekly Hours	49 6	—	—	—	—	—	52 9	—	—	—	—	—	52 2	—	—	—	—	—
Lockheed, Burbank, A and B																		
Total Number of Workers	20,687	13,199	6,665	50.5	1,044	7 9	19,262	12,653	6,047	47.8	857	6.8	18,208	11,838	5,779	48 8	497	4 2
Number of Workers	—	13,111	6,554	—	1,044	—	—	12,583	5,960	—	857	—	—	11,786	5,699	—	497	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6 5	—	—	8	8	—	6.5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	88	111	—	—	—	—	70	87	—	—	—	—	52	80	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	920,182	631,440	317,256	50 2	40,716	6 4	851,592	605,664	288,168	47 6	33,423	5 5	816,456	566,976	275,472	48.6	19,383	3 4
Average Weekly Hours	44 5	—	—	—	—	—	44.2	—	—	—	—	—	44 8	—	—	—	—	—
Martin, Baltimore																		
Total Number of Workers	12,815	8,109	4,766	58 8	26	0 3	12,278	7,901	4,562	57 7	23	0 3	12,017	7,688	4,450	57 9	32	0 4
Number of Workers	—	8,109	4,766	—	26	—	—	7,901	4,562	—	23	—	—	7,688	4,450	—	32	—
Hours per Day	—	8 67	8 67	—	8 67	—	—	8.67	8 67	—	8 67	—	—	8.67	8 67	—	8 67	—
Days per Week	—	5.5	5 5	—	5 5	—	—	5 5	5 5	—	5 5	—	—	5.5	5 5	—	5.5	—
Total Hours	604,219	386,678	227,267	58 8	1,240	0 3	564,863	376,759	217,539	57 7	1,097	0 3	541,673	366,602	212,198	57 9	1,526	0 4
Average Weekly Hours	47 1	—	—	—	—	—	46 0	—	—	—	—	—	45.1	—	—	—	—	—
Martin, Omaha																		
Total Number of Workers	4,506	2,300	2,209	96 0	0	0	5,000	2,548	2,450	96.2	0	0	5,146	2,742	2,520	91 9	0	0
Number of Workers	—	2,300	2,209	—	—	—	—	2,548	2,450	—	—	—	—	2,742	2,520	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—
Total Hours	254,260	113,850	109,346	96 0	0	0	253,312	126,126	121,275	96 2	0	0	262,688	135,729	124,740	91 9	0	0
Average Weekly Hours	56 4	—	—	—	—	—	50 7	—	—	—	—	—	51 0	—	—	—	—	—
McDonnell, Memphis																		
Total Number of Workers	42	42	0	0	0	0	97	88	9	10 2	0	0	179	124	48	38 7	7	5 6
Number of Workers	—	42	—	—	—	—	—	88	9	—	—	—	—	124	48	—	7	—
Hours per Day	—	9	—	—	—	—	—	9	9	—	—	—	—	9	9	—	9	—
Days per Week	—	5	—	—	—	—	—	6	6	—	—	—	—	6	6	—	6	—
Total Hours	1,852	1,890	0	0	0	0	4,689	4,752	486	10 2	0	0	6,775	6,696	2,592	38 7	378	5 6
Average Weekly Hours	44 1	—	—	—	—	—	48.3	—	—	—	—	—	37 8	—	—	—	—	—
Nash-Kelvinator Detroit																		
Total Number of Workers	545	704	134	19 0	6	0 9	815	697	111	15 9	7	1 0	812	695	109	15 7	7	1 0
Number of Workers	—	704	134	—	6	—	—	697	111	—	7	—	—	695	109	—	7	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	38,610	33,792	6,432	19 0	288	0 9	37,223	33,456	5,328	15 9	336	1 0	36,927	33,360	5,232	15 7	336	1 0
Average Weekly Hours	45 7	—	—	—	—	—	45 6	—	—	—	—	—	45 5	—	—	—	—	—

PLANT	APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
		Second Shift			Third Shift			Second Shift			Third Shift			Second Shift			Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Consolidated, Akron																		
Total Number of Workers	9,828	6,903	3,709	53 7	302	4 4	NR	6,825	3,417	50 1	253	3 7	NR	6,756	3,269	48 4	197	2 9
Number of Workers	—	6,903	3,709	—	256	—	—	6,825	3,417	—	207	—	—	6,756	3,269	—	144	—
Hours per Day	—	8	8	—	6 5	—	—	8	8	—	6 5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	—	—	—	46	—	—	—	—	—	46	—	—	—	—	—	53	—
Hours per Day	—	—	—	—	8	—	—	—	—	—	8	—	—	—	—	—	8	—
Days per Week	—	—	—	—	6	—	—	—	—	—	6	—	—	—	—	—	6	—
Total Hours	436,389	331,344	176,032	53 7	12,192	3 7	NR	327,600	164,016	50 1	10,281	3 1	NR	324,288	156,912	48 4	8,160	2 5
Average Weekly Hours	44 4	—	—	—	—	—	NR	—	—	—	—	—	NR	—	—	—	—	—
Grumman, Beth Page																		
Total Number of Workers	12,104	10,786	2,741	25 4	0	0	NR	10,817	2,682	24 8	0	0	NR	10,329	2,536	24 6	0	0
Number of Workers	—	10,786	2,741	—	—	—	—	10,817	2,682	—	—	—	—	10,329	2,536	—	—	—
Hours per Day	—	9 8	10	—	—	—	—	9 8	10	—	—	—	—	9 8	10	—	—	—
Days per Week	—	5 8	5 8	—	—	—	—	5.8	5 8	—	—	—	—	5 8	5 8	—	—	—
Total Hours	643,939	613,076	158,978	25 9	0	0	NR	614,838	155,556	25 3	0	0	NR	567,100	147,088	25 1	0	0
Average Weekly Hours	53.2	—	—	—	—	—	NR	—	—	—	—	—	NR	—	—	—	—	—
Lockheed, Burbank, A and B																		
Total Number of Workers	18,119	11,679	5,712	48.9	506	4 3	15,590	10,116	4,691	46 4	455	4 5	NR	9,030	4,107	45 5	70	0 8
Number of Workers	—	11,634	5,639	—	506	—	—	10,079	4,634	—	455	—	—	8,999	4,065	—	70	—
Hours per Day	—	8	8	—	6.5	—	—	8	8	—	6.5	—	—	8	8	—	6 5	—
Days per Week	—	6	6	—	6	—	—	6	6	—	6	—	—	6	6	—	6	—
Number of Workers	—	45	73	—	—	—	—	37	57	—	—	—	—	31	42	—	—	—
Hours per Day	—	4	4	—	—	—	—	4	4	—	—	—	—	4	4	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	827,370	559,512	272,424	48.7	19,734	3 5	692,062	484,680	223,800	46 2	17,745	3 7	NR	432,696	196,128	45 3	2,730	0 6
Average Weekly Hours	45 7	—	—	—	—	—	44 4	—	—	—	—	—	NR	—	—	—	—	—
Martin, Baltimore																		
Total Number of Workers	11,234	7,283	4,049	55 6	43	0 6	11,023	7,279	3,810	52 3	56	0 8	NR	7,013	3,486	49 7	47	0 7
Number of Workers	—	7,283	4,049	—	43	—	—	7,279	3,810	—	56	—	—	7,013	3,486	—	47	—
Hours per Day	—	8 67	8 67	—	8 67	—	—	8 67	8 67	—	8 67	—	—	8 67	8 67	—	8 67	—
Days per Week	—	5 5	5 5	—	5 5	—	—	5 5	5 5	—	5 5	—	—	5 5	5 5	—	5 5	—
Total Hours	521,472	347,290	193,077	55 6	2,050	0 6	509,656	347,099	181,680	52 3	2,670	0 8	NR	334,415	166,230	49 7	2,241	0 7
Average Weekly Hours	46 4	—	—	—	—	—	46 2	—	—	—	—	—	NR	—	—	—	—	—
Martin, Omaha																		
Total Number of Workers	4,993	2,716	2,380	87.6	0	0	5,548	2,945	2,508	85 2	0	0	NR	2,814	2,446	86 9	0	0
Number of Workers	—	2,716	2,380	—	—	—	—	2,945	2,508	—	—	—	—	2,814	2,446	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—	—	5 5	5 5	—	—	—
Total Hours	226,915	134,442	117,810	87 6	0	0	259,539	145,778	124,146	85 2	0	0	NR	139,293	121,077	86 9	0	0
Average Weekly Hours	45 4	—	—	—	—	—	46 8	—	—	—	—	—	NR	—	—	—	—	—
McDonnell, Memphis																		
Total Number of Workers	179	138	73	52 9	0	0	NR	190	116	61 1	0	0	NR	259	170	65 6	0	0
Number of Workers	—	138	73	—	—	—	—	190	116	—	—	—	—	259	170	—	—	—
Hours per Day	—	9	9	—	—	—	—	9	9	—	—	—	—	9	9	—	—	—
Days per Week	—	6	6	—	—	—	—	6	6	—	—	—	—	6	6	—	—	—
Total Hours	9,658	7,452	3,942	52 9	0	0	NR	10,260	6,264	61 1	0	0	NR	13,698	9,180	65 6	0	0
Average Weekly Hours	54 0	—	—	—	—	—	NR	—	—	—	—	—	NR	—	—	—	—	—
Nash-Kelvinator Detroit																		
Total Number of Workers	789	674	104	15 4	5	0 7	829	714	109	15 3	7	1 0	NR	728	52	7 1	4	0 5
Number of Workers	—	674	104	—	5	—	—	714	109	—	7	—	—	728	52	—	4	—
Hours per Day	—	8	8	—	8	—	—	8	8	—	8	—	—	8	8	—	8	—
Days per Week	—	6	6	—	5	—	—	6	6	—	6	—	—	6	6	—	6	—
Total Hours	35,803	32,352	4,992	15 4	240	0 7	32,875	34,272	5,232	15 3	336	1 0	NR	34,944	2,496	7 1	192	0 5
Average Weekly Hours	45 4	—	—	—	—	—	39 7	—	—	—	—	—	NR	—	—	—	—	—

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

FACILITY	JANUARY — Actual: All Shifts	JANUARY — Actual: First Shift	JANUARY — Scheduled: Second Shift Number	JANUARY — Scheduled: Second Shift % of First	JANUARY — Scheduled: Third Shift Number	JANUARY — Scheduled: Third Shift % of First	FEBRUARY — Actual: All Shifts	FEBRUARY — Actual: First Shift	FEBRUARY — Scheduled: Second Shift Number	FEBRUARY — Scheduled: Second Shift % of First	FEBRUARY — Scheduled: Third Shift Number	FEBRUARY — Scheduled: Third Shift % of First	MARCH — Actual: All Shifts	MARCH — Actual: First Shift	MARCH — Scheduled: Second Shift Number	MARCH — Scheduled: Second Shift % of First	MARCH — Scheduled: Third Shift Number	MARCH — Scheduled: Third Shift % of First	APRIL — Actual: All Shifts	APRIL — Actual: First Shift	APRIL — Scheduled: Second Shift Number	APRIL — Scheduled: Second Shift % of First	APRIL — Scheduled: Third Shift Number	APRIL — Scheduled: Third Shift % of First	MAY — Actual: All Shifts	MAY — Actual: First Shift	MAY — Scheduled: Second Shift Number	MAY — Scheduled: Second Shift % of First	MAY — Scheduled: Third Shift Number	MAY — Scheduled: Third Shift % of First	JUNE — Actual: All Shifts	JUNE — Actual: First Shift	JUNE — Scheduled: Second Shift Number	JUNE — Scheduled: Second Shift % of First	JUNE — Scheduled: Third Shift Number	JUNE — Scheduled: Third Shift % of First
No. American, Dallas, A & B																																				
Total Number of Workers	8,396	5,301	2,995	56 5	0	0	7,860	5,305	2,497	47 1	0	0	7,588	5,436	2,114	38 9	0	0	7,333	5,494	1,735	31 6	0	0	NR	5,029	1,418	28 2	0	0	NR	5,141	1,366	26 6	0	0
Number of Workers	——	1,277	945	——	——	——	——	424	275	——	——	——	——	163	148	——	——	——	——	165	87	——	——	——	——	805	411	——	——	——	——	566	246	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	8 8	8 8	——	——	——	——	9	9	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	4,024	2,050	——	——	——	——	4,881	2,222	——	——	——	——	5,273	1,966	——	——	——	——	5,329	1,648	——	——	——	——	4,224	1,007	——	——	——	——	4.575	1,120	——	——	——
Hours per Day	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	369,930	250,038	143,280	57 3	0	0	338,653	242,541	114,840	47 3	0	0	323,003	246,087	96,462	39 2	0	0	306,335	248,715	78,858	31 7	0	0	NR	232,584	67,016	28 8	0	0	NR	236,439	63,684	26 9	0	0
Average Weekly Hours	44 1	——	——	——	——	——	43.1	——	——	——	——	——	42.6	——	——	——	——	——	41.8	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
North American, Inglewood																																				
Total Number of Workers	7,162	4,770	2,245	47 1	0	0	7,338	5,320	1,875	35.2	0	0	7,192	5,250	1,850	35 2	0	0	6,712	4,640	2,000	43 1	0	0	6,191	4,370	1,780	40.7	0	0	NR	4,202	1,579	37 6	0	0
Number of Workers	——	808	406	——	——	——	——	1,073	478	——	——	——	——	1,092	488	——	——	——	——	1,270	540	——	——	——	——	1,132	460	——	——	——	——	540	209	——	——	——
Hours per Day	——	9 66	9 66	——	——	——	——	9 66	9 66	——	——	——	——	9 66	9 66	——	——	——	——	9.66	9 66	——	——	——	——	9.66	9.66	——	——	——	——	9 66	9 66	——	——	——
Days per Week	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Number of Workers	——	3,839	1,821	——	——	——	——	4,223	1,380	——	——	——	——	4,136	1,346	——	——	——	——	3,370	1,430	——	——	——	——	3,238	1,292	——	——	——	——	3,662	1,342	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	23	18	——	——	——	——	24	17	——	——	——	——	22	16	——	——	——	——	——	30	——	——	——	——	——	28	——	——	——	——	——	28	——	——	——
Hours per Day	——	8	5	——	——	——	——	8	5	——	——	——	——	8	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——
Total Hours	331,121	244,702	115,032	47 0	0	0	341,315	274,301	97,130	35.4	0	0	338,967	270,972	95,984	35.4	0	0	319,962	242,109	103,548	42.8	0	0	289,937	227,511	91,962	40.4	0	0	NR	214,398	79,914	37 3	0	0
Average Weekly Hours	46 2	——	——	——	——	——	46.5	——	——	——	——	——	47.1	——	——	——	——	——	47.7	——	——	——	——	——	46.8	——	——	——	——	——	NR	——	——	——	——	——
North American, Kansas City																																				
Total Number of Workers	8,238	5,980	2,188	36 6	0	0	6,249	4,648	1,444	31 1	0	0	5,673	4,334	1,287	29.7	0	0	5,074	3,885	1,101	28 3	0	0	NR	3,690	1,008	27.3	0	0	NR	3,426	742	21 7	0	0
Number of Workers	——	5,980	2,188	——	——	——	——	4,648	1,444	——	——	——	——	4,334	1,287	——	——	——	——	3,885	1,101	——	——	——	——	3,605	973	——	——	——	——	2,734	510	——	——	——
Hours per Day	——	9	9	——	——	——	——	9.6	9.6	——	——	——	——	9.6	9.6	——	——	——	——	9.6	9.6	——	——	——	——	9 6	9.6	——	——	——	——	9.6	9 6	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	85	35	——	——	——	——	692	232	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	9 6	9 6	——	——	——	——	9 6	9 6	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——
Total Hours	360,440	269,100	98,460	36 6	0	0	289,344	223,104	69,312	31.1	0	0	259,332	208,032	61,776	29 7	0	0	230,922	186,420	52,848	28.3	0	0	NR	177,936	48,720	27 4	0	0	NR	171,091	37,843	22 1	0	0
Average Weekly Hours	43 8	——	——	——	——	——	46.3	——	——	——	——	——	45.7	——	——	——	——	——	45.5	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Northrop, Hawthorne																																				
Total Number of Workers	2,933	1,709	1,241	72 6	0	0	2,759	1,592	1,159	72.8	0	0	2,754	1,553	1,150	74.1	0	0	2,630	1,504	1,122	74.6	0	0	NR	1,434	1,074	74.9	0	0	NR	1,461	1,079	73 9	0	0
Number of Workers	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Hours per Day	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Days per Week	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——	——	2	2	——	——	——
Total Hours	140,841	85,358	61,273	71 8	0	0	131,598	79,538	57,539	72 3	0	0	129,359	77,586	57,068	73 6	0	0	127,321	75,132	55,652	74 1	0	0	NR	71,638	53,277	74 4	0	0	NR	72,986	53,588	73 4	0	0
Average Weekly Hours	48 0	——	——	——	——	——	47 7	——	——	——	——	——	47.0	——	——	——	——	——	48.4	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Piper, Lockhaven																																				
Total Number of Workers	613	366	246	67 2	0	0	877	516	347	67.2	0	0	111	385	257	66.8	0	0	672	397	265	66 8	0	0	666	397	266	67 0	0	0	638	379	254	67 0	0	0
Number of Workers	——	366	246	——	——	——	——	516	347	——	——	——	——	385	257	——	——	——	——	397	265	——	——	——	——	397	266	——	——	——	——	379	254	——	——	——
Hours per Day	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	8	——	——	——	——	8	10	——	——	——	——	8	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	6	6	——	——	——	——	6	6	——	——	——	——	6	4	——	——	——	——	6	4	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	8	——	——	——	——	——	8	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	1	——	——	——	——	——	1	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	1	——	——	——	——	——	1	——	——	——
Total Hours	24,166	14,640	9,840	67 2	0	0	34,921	20,640	13,880	67 2	0	0	3,405	18,480	12,336	66		0	31,148	19,056	12,720	66 8	0	0	26,630	19,056	12,768	67 0	0	0	27,909	18,192	12,192	67 0	0	0
Average Weekly Hours	39 4	——	——	——	——	——	39 8	——	——	——	——	——	30 7	(Strike)		——	——	——	46 4	——	——	——	——	——	40 0	——	——	——	——	——	43 7	——	——	——	——	——
Republic, Evansville																																				
Total Number of Workers	2,396	2,430	0	0	0	0	2,507	2,496	0	0	0	0	2,560	2,521	0	0	0	0	2,484	2,483	0	0	0	0	2,207	2,226	0	0	0	0	NR	2,127	0	0	0	0
Number of Workers	——	2,430	——	——	——	——	——	2,496	——	——	——	——	——	2,521	——	——	——	——	——	2,483	——	——	——	——	——	1,696	——	——	——	——	——	1,414	——	——	——	——
Hours per Day	——	10	——	——	——	——	——	10	——	——	——	——	——	10	——	——	——	——	——	10	——	——	——	——	——	9	——	——	——	——	——	9	——	——	——
Days per Week	——	5 5	——	——	——	——	——	5 5	——	——	——	——	——	5 5	——	——	——	——	——	5 5	——	——	——	——	——	5	——	——	——	——	——	5	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	212	——	——	——	——	——	529	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	9	——	——	——	——	——	9	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	5 56	——	——	——	——	——	5 56	——	——	——	——
Number of Workers	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	320	——	——	——	——	——	184	——	——	——	——
Hours per Day	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	9	——	——	——	——	——	9	——	——	——	——
Days per Week	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	5 89	——	——	——	——	——	5 89	——	——	——	——
Total Hours	129,421	113,580	0	0	0	0	150,011	137,280	0	0	0	0	141,080	138,655	0	0	0	0	124,913	136,565	0	0	0	0	101,446	103,892	0	0	0	0	NR	99,855	0	0	0	0
Average Weekly Hours	54 0	—	——	——	——	——	59 8	——	——	——	——	——	55 3	——	——	——	——	——	50 3	—	——	——	——	——	46 0	——	——	——	——	——	NR	——	——	——	——	——

TABLE 6. SHIFT UTILIZATION: ACTUAL NUMBER OF DIRECT WORKERS AND TOTAL AND AVERAGE DIRECT MAN-HOURS WORKED PER WEEK ON ALL SHIFTS; SCHEDULED NUMBER OF DIRECT WORKERS, HOURS PER DAY, AND DAYS PER WEEK BY SHIFT; IN PRIME CONTRACTING AIRFRAME PLANTS, BY MONTH, MARCH 1941 — JUNE 1945 (CONTINUED)

JANUARY TO JUNE, 1945

FACILITY	JANUARY						FEBRUARY						MARCH						APRIL						MAY						JUNE					
	Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled					Actual	Scheduled				
			Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift				Second Shift		Third Shift	
	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First	All Shifts	First Shift	Number	% of First	Number	% of First
Republic, Farmingdale																																				
Total Number of Workers	6,160	4,514	1,800	39 9	0	0	6,415	4,637	1,941	41 9	0	0	6,451	4,712	1,930	41 0	0	0	6,461	4,734	1,908	40.3	0	0	6,219	4,422	1,778	40.2	0	0	NR	4,286	1,403	32 7	0	0
Number of Workers	——	4,514	1,800	—	——	——	——	4,637	1,941	——	——	——	——	4,712	1,930	——	——	——	——	4,734	1,908	——	——	——	——	4,422	1,778	——	——	——	——	4,286	1,403	——	——	——
Hours per Day	——	10	10	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——	——	9	9	——	——	——
Days per Week	——	6 6	6 6	——	——	——	——	5 9	5 9	——	——	——	——	5.9	5.9	——	——	——	——	5 9	5 9	——	——	——	——	5 9	5 9	——	——	——	——	5 9	5 9	——	——	——
Total Hours	363,192	297,924	118,800	39 9	0	0	323,304	246,225	103,067	41 9	0	0	320,362	250,207	102,483	41 0	0	0	322,153	251,375	101,315	40 3	0	0	326,030	234,808	94,412	40 2	0	0	NR	227,587	74,499	32 7	0	0
Average Weekly Hours	59 0	——	——	——	——	——	50 4	——	——	——	——	——	49 7	——	——	——	——	——	49 9	——	——	——	——	——	52 4	——	——	——	——	——	NR	——	——	——	——	——
Ryan, San Diego																																				
Total Number of Workers	2,400	1,444	1,053	72 9	210	14 5	2,480	1,483	1,059	71 4	213	14 4	——	——	——	——	——	——	2,982	1,744	1,210	69.4	287	16 5	NR	1,844	1,235	67 0	193	0 5	NR	1,872	1,408	75 2	144	7.7
Number of Workers	——	1,433	979	——	205	——	——	1,471	979	——	209	——	——	——	——	——	——	——	——	1,741	1,138	——	283	——	——	1,839	1,184	——	191	——	——	1,868	1,356	——	142	——
Hours per Day	——	8	8	——	6 5	——	——	8	8	——	6 5	——	——	——	——	——	——	——	——	8	8	——	6 5	——	——	8	8	——	6.5	——	——	8	8	——	6 5	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	——	——	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Number of Workers	——	11	74	——	5	——	——	12	80	——	4	——	——	——	——	——	——	——	——	3	72	——	4	——	——	5	51	——	2	——	——	4	52	——	2	——
Hours per Day	——	4	4	——	4	——	——	4	4	——	4	——	——	——	——	——	——	——	——	4	4	——	4	——	——	4	4	——	4	——	——	4	4	——	4	——
Days per Week	——	6	6	——	6	——	——	6	6	——	6	——	——	——	——	——	——	——	——	6	6	——	6	——	——	6	6	——	6	——	——	6	6	——	6	——
Total Hours	110,407	69,048	48,768	70 6	8,115	11 8	120,689	70,896	48,912	69 0	8,247	11 6	——	——	——	——	——	——	137,768	83,640	56,352	67.4	11,133	13.3	NR	88,392	58,056	65.7	7,497	8 5	NR	89,760	66,336	73 9	5,586	6 2
Average Weekly Hours	46 0	——	——	——	——	——	48 7	——	——	——	——	——	——	——	——	——	——	——	46.2	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——
Sikorsky, Bridgeport																																				
Total Number of Workers	265	236	32	13 6	0	0	259	233	32	13 7	0	0	250	230	29	12.6	0	0	275	254	28	11 0	0	0	NR	271	31	11.4	0	0	NR	280	34	12 1	0	0
Number of Workers	——	236	32	——	——	——	——	233	32	——	——	——	——	230	29	——	——	——	——	254	28	——	——	——	——	271	31	——	——	——	——	280	34	——	——	——
Hours per Day	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——	——	10	10	——	——	——
Days per Week	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——	——	5	5	——	——	——
Total Hours	12,872	11,800	1,600	13 6	0	0	12,770	11,650	1,600	13 7	0	0	12,657	11,500	1,450	12 6	0	0	14,121	12,700	1,400	11.0	0	0	NR	13,550	1,550	11 4	0	0	NR	14,000	1,700	12 1	0	0
Average Weekly Hours	48 6	——	——	——	——	——	49 3	——	——	——	——	——	50 6	——	——	——	——	——	51 3	——	——	——	——	——	NR	——	——	——	——	——	NR	——	——	——	——	——

FOOTNOTES

1. Total of 48 hours per week for second shift is made up by working 10 hours on the fifth day, instead of 9.5 hours.
2. Facility reports four or more different "patterns" of hours per day and days per week; the total number of workers and the total hours scheduled on all these various patterns only are shown.
3. Porterfield Airplane Company through May 1941; name changed to Columbia Aircraft Company beginning with June 1941.
4. From April 1941 through December 1942 facility reported for "Airplanes only"; from January 1943 through July 1943 reported "Airplanes and gliders"; August 1943 through August 1944 "Airplanes."
5. Christmas day not included in these figures as the plant was not in full operation that day.
6. Miscellaneous overtime accounted for six hours per worker per week in addition to the 8 hours per day, 5 days per week.
7. Low average weekly hours due to the fact that employees did not work Thursday, November 20, 1941.
8. Airplane and ordnance combined.
9. Weighted Average weekly hours.
10. From February 1942 through July 1942 facility reported for Linden plant only.
11. From April 1942 through October 1942 facility reported for Fort Worth plant only.
12. Plant facility utilizes 7 days per week by rotating personnel on 6 day basis.
13. From August 1942 through June 1945 facility reported on Bloomfield and Linden plants.
14. Beginning with November 1942, facility reported on Ft. Worth, Coffeeville, and Wichita, Kansas.
15. Decrease in direct workers brought about by transfer of workers from AT-10 (which was discontinued) to indirect departments until start of production on A-26B Wing.
16. Work began at Buffalo prior to completion of Marietta plant.
17. Transferred men to temporary plant in Atlanta prior to completion of Marietta plant.
18. Transferred men to Marietta plant.
19. Excludes Ordnance.
20. Plant works 7 days per week with workers' days off staggered throughout the week.
21. No direct workers.
22. Plant is scheduled 6 days and is open 7 days a week. Sunday work is for relief of bottlenecks, rush jobs and emergencies. Percentage of workers working Sundays varies.
23. Covers employees working on ordnance production, manufacture of superstructure and parts for Naval vessels, automotive products and other products in addition to aeronautical production.
24. For male workers five 10-hour days plus one 8-hour day; female workers five 10-hour days plus one 5-hour day.
25. Male workers 5.84 days of 9.5 hours, female workers 5.42 days of 9.5 hours. Same shift "pattern" for male and female workers on second shift, January—June 1945.
26. Average hours actually worked include hours of trainees and learners being trained in direct departments.
27. Many workers originally hired for direct work have been transferred to indirect work in connection with C-76 termination.
28. Fluctuation of direct workers due to reduced schedules caused by cuts in basic materials.
29. Hours applicable to direct labor only. Balance of time spent as trainees.
30. Work week changed from swing shift arrangement to a straight 6-day work week.
31. All direct workers scheduled for 58-hour work week, 10 hours per day, Monday through Friday and a total of 8 hours on Saturday.
32. Plants 1 and 2 combined.
33. Plant closed.
34. Stratford and Bridgeport combined.
35. Students working part time.
36. July, August, and September average weekly hours are low due to 2-, 3-, 4-, and 5-day vacations; the low figure in October is attributable to lay-off of portion of workers on account of 2-day material shortage.
37. Minors and some adults working four-hour shift.
38. Estimated.
39. Not including 121 men working five 5-hour evenings per week on victory shift.
40. Not including 140 men working five 5-hour evenings per week on victory shift.
41. Not including 144 men working five 5-hour evenings per week on victory shift.
42. Not including 68 minors working 28 hours per week and 70 minors working 44 hours per week.
43. Second shift changed in effort to reduce absenteeism.
44. Including non-aeronautical, as well as aeronautical workers.
45. Number of direct workers reduced because "leadmen" were made "group foreman" in supervising capacity.
46. Renton and Seattle combined.
47. Plants A and B combined.
48. Helicopter and other projects.
49. Number of workers adjusted to allow for vacations of less than a full week.
50. 130 direct workers on loan from other plants not shown in planned working schedule, but included in Average weekly hours.
51. All production on 9 hours per day with first shift 8 hours on Saturday.
52. Facility suspends operations every other Saturday, making for alternate five- and six-day weeks.
53. High average weekly hours due to overtime not scheduled until after first of week.
54. Kenmore plant worked 6 days, Buffalo plant 7 days in order to make up day lost previous week because of snowstorm.

TABLE 7

UTILIZATION AND PRODUCTIVITY OF FLOOR AREA OF PRIME CONTRACTING AIRFRAME PLANTS

December 1942 — June 1945

Data contained in Tables 1, 3, 5 and 6 are drawn upon in this Table to derive measures of floor area utilization and productivity. Both the methods used to derive these measures, and the limitations of the data are described below. In utilizing these data, consideration should be given to these limitations.

1. On-site Pounds of Complete Units and Spares per Square Foot of Total Floor Area Utilized for Their Production. On-site pounds of complete units and spares accepted represent total acceptances during the report month translated into pounds, adjusted for subcontracting by multiplying the total pounds by the complement of percent outside production. Total pounds produced (on-site plus off-site) were reported during World War II in an AMC publication "Special Historical Report of Airframe Weight" (SU-2.04-109). Percent outside production is taken from Table 3 of this report.

Total floor area utilized for the production of on-site pounds of complete units and spares is the total square footage as shown in Table 5, multiplied by the percentage relationship of complete-units-and-spares direct man-hours to total direct man-hours (from Table 1).

On-site pounds of complete units and spares were divided by the square feet of floor area utilized for their production in order to obtain this measure of productivity.

Comparison of productivity for individual plants should be made at given cumulative plane numbers, since productivity is a function of cumulative experience. Most facilities produced more than one model during World War II, but reported total floor area, not segregated by models. The measure of productivity, on-site pounds of complete units and spares per square foot of floor area utilized for their production, is a rough overall measure of floor area productivity. In using this measure, care should be taken to indicate that a refined measure of productivity necessarily would be tied to a cumulative plane number, but that the World War II system of reporting makes it impossible to compute such a measure.

2. Square Feet of Direct Floor Area per Direct Worker on the Largest Shift. This ratio was derived by dividing the number of square feet of direct area (from Table 5) by the number of direct workers on the largest shift. For as long a period as possible (from January 1943 to March 1944), the number of actual direct workers on the largest shift as reported on AMPR No. 4 was used for the derivation of this ratio. For other periods, the number of scheduled direct workers on the largest shift (as shown in Table 6) was used.

This ratio is a measure of utilization of floor area by workers on the largest shift. The ratio tends to stabilize in periods of steady production, but tends to fluctuate widely in the early and late stages of production. Few direct workers can be used in the development stage of a production program. On the other hand, workers are decelerated more quickly than floor space when a model or plant is going out of production. In making facility comparisons, therefore, care should be taken to determine the stage of production in which facilities were engaged.

3. Direct Man-Hours per Square Foot of Direct Floor Area. This ratio was derived by dividing direct man-hours (from Table 1) by square feet of direct floor area (from Table 5). The ratio is a measure of floor area utilization and is indicative of the direct man-hours which can be attained from a given square footage for any given month. The limitations described in 2 above also apply to this ratio.

TABLE 7. UTILIZATION AND PRODUCTIVITY OF FLOOR AREA OF PRIME CONTRACTING AIRFRAME PLANTS.
DECEMBER 1942 — JUNE 1945

FACILITY	1942 DECEMBER			1943 MARCH			1943 JUNE			1943 SEPTEMBER			1943 DECEMBER		
	On-Site Pounds of Comp. Units & Spares Per Sq. Ft. of Total Floor Area Utilized for Their Production	Square Feet of Direct Floor Area Per Direct Worker on the Largest Shift	Direct Man-Hours Per Square Foot of Direct Floor Area	On-Site Pounds of Comp Units & Spares Per Sq. Ft. of Total Floor Area Utilized for Their Production	Square Feet of Direct Floor Area Per Direct Worker on the Largest Shift	Direct Man Hours Per Square Foot of Direct Floor Area	On-Site Pounds of Comp. Units & Spares Per Sq. Ft. of Total Floor Area Utilized for Their Production	Square Feet of Direct Floor Area Per Direct Worker on the Largest Shift	Direct Man Hours Per Square Foot of Direct Floor Area	On-Site Pounds of Comp. Units & Spares Per Sq. Ft. of Total Floor Area Utilized for Their Production	Square Feet of Direct Floor Area Per Direct Worker on the Largest Shift	Direct Man-Hours Per Square Foot of Direct Floor Area	On-Site Pounds of Comp. Units & Spares Per Sq. Ft. of Total Floor Area Utilized for Their Production	Square Feet of Direct Floor Area Per Direct Worker on the Largest Shift	Direct Man-Hours Per Square Foot of Direct Floor Area
Average All Facilities	0.57	164	1 78	0.57	193	2 14	0 61	194	2.05	0.59	200	2.05	0 65	197	1.96
Aeronca, Middletown	0.38	—	1 23	0.26	247	0.82	0.39	194	1.08	0.36	216	0.96	0 42	196	1 10
Beech, Wichita	1.08	148	1 91	0.90	201	1.78	0.77	207	2.13	0.50	207	2.00	0 72	201	2.18
Bell, Marietta (Atlanta)	—	—	—	—	—	—	—	933	0.34	—	1266	0.25	0 03	585	0.64
Bell, Buffalo	—	—	—	0.67	146	0.31	0.63	133	2.53	0.37	151	2.66	0 39	161	2.28
Bellanca, Newcastle[1]	—	273	1 22	—	—	—	—	928	0.19	—	343	0.51	—	175	1.71
Boeing, Renton	—	2355	0.03	—	1940	0.16	—	903	0.24	—	655	0.38	—	512	0.56[2]
Boeing, Seattle	0.95	123	2.99	1.05	135	2.88	1.17	146	2.47	1.11	161	2.35	1 25	177	2 16[2]
Boeing, Renton and Seattle	0.87	218	1.63	0.92	232	1.66	0.85	238	1.44	0.90	244	1.46	0.91	243	1 49
Boeing, Wichita, No. 1	1.17	152	1.71	1.19	189	2.30	1.21	215	1.82	0.88	182	1.55[2]	—	—	—
Boeing, Wichita, No. 2	—	218	1.16	—	277	1.68	—	332	1.47	0.21	277	1.72[2]	—	—	—
Boeing, Wichita, No. 1 and No. 2	0.15	202	1.26	0.13	262	1.75	0.13	310	1.52	0.28	260	1.70	0.47	190	2.42
Brewster, Long Island	0.22	183	1.87	0.04	240	1.93	0.26	146	2.84	0.21	128	2.82	0 25	175	2.09
Budd, Philadelphia	—	273	2.32	—	212	1.75	—	316	0.99	—	3058	1.29	—	1677	1.37
Cessna, Wichita	0.77	204	2.66	0.98	215	2.83	0.60	236	2.18	0.59	229	2.33	0 92	223	2.34
Chance Vought, Stratford	0.21	144	2.23	0.24	182	2.12	0.38	185	1.89	0.44	208	2.03	0.56	159	2.50
Columbia, Valley Stream	—	—	—	—	—	—	0.02	82	3.82	0.10	77	3.82	0 20	83	2.91
Consol.-Vultee, Allentown	—	—	—	—	—	—	—	2062	0.07	—	305	0.70	—	202	0.91
Consol.-Vultee, Downey	1.11	168	1.16	1.14	271	1.21	1.08	278	1.08	1.19	235	1.17	1 15	218	1 14
Consol.-Vultee, Ft. Worth	0.05	484	0.43[3]	0.18	303	1.18	0.45	259	1.48	0.50	193	2.06	0.77	199	2.05
Consol.-Vultee, Nashville	0.20	119	1.68	0.34	196	1.79	0.46	270	1.28	0.50	270	1.19	0.61	199	1.53
Consol.-Vultee, New Orleans	—	—	—	—	—	—	—	3444	0.10	—	371	0.59	—	360	0.62
Consol.-Vultee, San Diego	1.25	272	1.52[3]	1.03	186	1.96	1.04	192	1.76	1.25	234	1.56	1 29	220	1.58
Consol.-Vultee, Wayne	0.04	140	0.91	0.28	263	1.37	0.40	218	1.31	0.52	210	1.21	0.48	232	0.95
Culver, Wichita	—	—	—	—	—	—	—	—	—	—	—	—	—	346	0.51
Curtiss, Buffalo	0.67	115	2.88	0.49	177	2.50	0.56	137	2.92	0.55	144	2.85	0.32	143	2.58
Curtiss, Columbus	—	201	—	0.13	150	2.52	0.08	159	2.67	0.22	167	2.56	0.24	162	2 47
Curtiss, Louisville	—	463	0.42	—	416	0.26	—	646	0.44	0.04	949	0.33	—	538	0.49
Curtiss, St. Louis	0.27	205	1.53	0.06	251	1.63	0.11	195	2.20	0.22	209	2.09	0.24	226	1.72
Douglas, Chicago	—	35	1.07	—	1721	0.19	—	351	1.02	0.02	269	1.43	0.04	300	1.25
Douglas, El Segundo	1.11	100	3.17	0.99	121	4.13	1.24	144	3.55	0.98	180	2.77	1 01	184	2.57
Douglas, Long Beach	0.73	87	3.60	1.04	156	3.10	1.23	160	2.74	1.22	166	2.61	1 32	157	2.57
Douglas, Oklahoma City	—	1029	0.43	0.01	318	1.36	0.09	242	2.00	0.26	204	2.55	0.62	221	2 14
Douglas, Santa Monica	0.47	85	3.85	0.61	—	3.69	0.81	176	2.93	0.59	223	2.23	0.76	205	2.29
Douglas, Tulsa	—	516	0.21	0.02	382	0.98	0.15	275	1.69	0.37	146	3.31	0 49	271	1.52
Eastern, Linden	0.04	225	1.42	0.19	247	2.12	0.37	199	2.91	0.45	146	3.17	0.63	143	2 76
Eastern, Trenton	0.01	226	1.38	0.11	288	1.70	0.22	237	1.82	0.39	190	2.51	0 54	176	2 41
Fairchild, Hagerstown	1.16	126	1.94	0.61	153	2.15	0.61	179	1.71	0.49	179	1.73	0 65	209[4]	1.66
Fairchild, Burlington	—	769	0.25	—	317	0.64	—	289	1.00	0.01	312	1.10	0.05	374	0.91
Fisher, Cleveland	—	—	—	—	1699	—	—	860	0.24	—	1300	—	—	695	0.64
Fleetwing, Bristol	0.04	148	1.63	—	150	1.91	0.12	154	1.93	1.02	156	2.10	—	—	—
Ford, Willow Run	0.06	215	1.27	0.85	165	2.00	1.00	180	2.34	1.44	170	2.23	1 34	184	2 19
Globe, Ft. Worth	—	458	0.53	0.01	447	0.77	0.10	329	0.84	0.18	230	1.23	0.23	208	1 15
Goodyear, Akron	—	—	—	—	248	2.02	0.07	244	2.03	0.24	250	1.90	0 20	246	1.68
Grumman, Bethpage	—	—	—	0.66	116	2.82	0.68	106	3.03	0.93	115	2.72	1.00	122	2 45
Higgins, New Orleans	—	—	—	—	—	—	—	—	—	—	846	0.30	—	466	0.69
Howard, Chicago	0 06	192	1.04	0.15	174	1.81	0.22	170	2.65	0.41	79	2.71	—	—	—
Interstate, El Segundo	0 12	622	0.56	0.40	168	1.51	0.15	230	0.54	0.43	500	0.38	—	—	—
Kellett, Philadelphia	—	88	—	—	126	—	—	156	0.19	—	136	0.18	—	152	0.02
Lockheed, Vega, "A"	0 53	104	2.83	0.77	106	3.57	0.83	107	3.61	1.03	125	2.99	1.07	142	2 43[2]
Lockheed, Burbank, "B"	0 75	87	2.98	0.80	140	3.23	0.52	143	2 92	0.46	173	2.51	0 84	192	2 42[2]
Lockheed, "A" and "B"	0 65	93	2.92	0.79	123	3.38	0.67	124	3.21	0.72	149	2 71	0 95	168	2 42
Martin, Baltimore	0 42	126	1 69	0.56	187	2.25	0.70	206	2.04	0.67	173	1.99	0.70	166	2.00
Martin, Omaha	0 18	194	2.18	0.17	179	2.56	0.32	242	1.86	0.40	322	1 39	0 38	243	1 77
McDonnell, Memphis	—	—	—	—	—	—	—	46	—	—	400	0.50	—	477	0 65
Naval Aircraft, Philadelphia	—	220	1.76	0.03	243	1.61	0.01	364	0.86	0.02	706	0 58	0 14	472	0.55
North American, Dallas, "A"	1 02	142	2 21	1.19	180	2.59	1.01	189	2 21	0.52	172	2 21	0 69	170	2 48[2]
North American, Dallas, "B"	—	361	0.48	0.01	538	0.77	0.02	349	1.21	0 08	194	2 03	0 32	168	2 40[2]
No American, Dallas, "A" & "B"	0 59	193	1.46	0.45	296	1.52	0.41	260	1.61	0.25	184	2 10	0 48	168	2 43
North American, Inglewood	1 28	77	3 74	1.08	122	3 39	0.88	137	2 80	1 18	140	2 81	0 99	133	3 70
North American, Kansas City	1 04[5]	96	2 41	0.63[5]	192	2.62	0 49[5]	203	1.84	0.32[5]	145	3 20	0 65[5]	129	3.28
Northrop, Hawthorne	0 67	136	2 33	0 49	183	2 28	0.01	347	1 38	0.10	344	1 29	0 20	305	1.32
Piper, Lock Haven	0 30	195	1.16	0 75	237	0.99	0 80	219	1.26	0 58	194	1 38	1 02	166	1.67
Republic, Evansville	0 01	413	0.52[3]	0 12	260	1 35	0.32	186	2 01	0 43	215	1 97	0 69	159	1 48
Republic, Farmingdale	0 77	69	3 88	1.07	95	4 57	0.91	116	3 49	0 91	109	3 82	1 04	112	5 78
Ryan, San Diego	0 26	106	2.03	0.45	142	2 23	—	168	2.21	—	254	1 63	—	239	1 45
St. Louis Aircraft, St. Louis		427	—	0.07	500	0.51	0.16	413	0.60	0.32	377	0 63	0 25	354	0.65
Sikorsky, Stratford		—	—	—	—	—	—	225	1.16	0 01	135	1 74	—	255	1 11
Taylorcraft, Alliance	0 34	140	1.99	1.19	132	2 28	0.77	126	2.75	0 97	125	2 48	1 42	113	2 44
Timm, Van Nuys	—	—	—	0.14	138	2.02	0.21	140	2.05	0.30	143	2.17	—	—	—
Waco, Troy		180	1.17[3]	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 7. UTILIZATION AND PRODUCTIVITY OF FLOOR AREA OF PRIME CONTRACTING AIRFRAME PLANTS. DECEMBER 1942 — JUNE 1945 (CONT'D.)

FACILITY	1944 MARCH: On Site Pounds of Comp Units and Spares per Sq Ft of Total Floor Area Utilized for That Production	1944 MARCH: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1944 MARCH: Direct Man-Hours per Square Foot of Direct Floor Area	1944 JUNE: On-Site Pounds of Comp. Units and Spares per Sq. Ft. of Total Floor Area Utilized for Their Production	1944 JUNE: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1944 JUNE: Direct Man-Hours per Square Foot of Direct Floor Area	1944 SEPTEMBER: On-Site Pounds of Comp. Units and Spares per Sq. Ft. of Total Floor Area Utilized for Their Production	1944 SEPTEMBER: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1944 SEPTEMBER: Direct Man-Hours per Square Foot of Direct Floor Area	1944 DECEMBER: On-Site Pounds of Comp. Units and Spares per Sq. Ft. of Total Floor Area Utilized for Their Production	1944 DECEMBER: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1944 DECEMBER: Direct Man-Hours per Square Foot of Direct Floor Area	1945 MARCH: On-Site Pounds of Comp. Units and Spares per Sq. Ft. of Total Floor Area Utilized for Their Production	1945 MARCH: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1945 MARCH: Direct Man-Hours per Square Foot of Direct Floor Area	1945 JUNE: On-Site Pounds of Comp Units and Spares per Sq Ft of Total Floor Area Utilized for Their Production	1945 JUNE: Square Feet of Direct Floor Area per Direct Worker on the Largest Shift	1945 JUNE: Direct Man-Hours per Square Foot of Direct Floor Area
Average All Facilities	0 75	203	1.95	0.72	210	1.63	0.67	212	1.51	0.60	208	1.45	0 63	209	1.58	0 53	243	1 21
Aeronca, Middletown	0 42	459	0 50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beech, Wichita	0 64	193	2.37	0.80	198	1.83	0.75	186	1 91	0.74	189	1.96	0.68	206	1.73	0 51	269	1.28
Bell, Marietta Atlanta]	0 05	426	0.96	0.10	293	1 17	0.24	244	1.42	0.35	200	1.61	0.46	184	1.96	0 56	184	1 64
Bell, Buffalo	0 31	155	2.27	0.30	162	1.69	0.13	183	1.73	0.25	178	1.59	0.30	195	1.46	—	—	—
Bellanca, Newcastle]	0 03	174	2 02	0.06	197	1.63	0.15	159	1.98	—	—	—	—	—	—	—	—	—
Boeing, Renton and Seattle	1 20	230	1.68	0.96	233	1.51	0.78	237	1.54	0.49	250	1.46	0.51	240	1.60	0 56	272	1.37
Boeing, Wichita, No. 1 and No. 2	0.69	185	2.44	0.77	202	2.00	0.66	219	1.78	0.86	224	1.66	1.01	245	1.67	1.15	274	1.30
Brewster, Long Island	0.37	201	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Budd, Philadelphia	0.01	1143	1.62	0.02	244	1.11	0.80	83	3.52	—	—	—	—	—	—	—	—	—
Cessna, Wichita	1.08	129	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chance Vought, Stratford	0 55	158	2.57	0.37	178	1.93	0.38	205	1.72	0.32	182	1.81	0.50	170	2.12	0.60	190	1.82
Columbia, Valley Stream	0 29	87	3.16	0.29	91	2.83	0.35	81	2.94	0.39	82	2.84	0.30	104	2.51	0 49	120	2 01
Consol.-Vultee, Allentown	—	289	0.83	—	267	0.78	—	549	0.52	—	354	0.86	0.04	298	1.20	0.11	252	1 45
Consol.-Vultee, Downey	1.37	283	1.11	2.14	256	0.99	—	—	—	—	—	—	—	—	—	—	—	—
Consol.-Vultee, Ft. Worth	0.84	230	1.60	0.74	250	1.37	0.61	258	1.24	0.50	214	1.39	0.16	253	1.32	0.22	442	0.48
Consol.-Vultee, Nashville	0.65	306	0.69	0.25	417	0.54	0.12	440	0.69	—	403	0.75	0.15	268	1.18	0.90	758	0.20
Consol.-Vultee, New Orleans	—	344	0.77	0.04	245	0.85	0.05	213	1.18	0.05	182	1.50	0.17	208	1.52	0.13	227	1.23
Consol.-Vultee, San Diego	1.37	224	1.53	1.16	260	1.22	1.14	245	1.34	0.83	249	1.15	0.91	251	1.22	0.66	282	0.87
Consol.-Vultee, Wayne	0.45	263	0.78	0.46	261	0.79	0.44	220	0.72	0.46	236	0.72	0.60	251	0.76	0.48	249	0.59
Culver, Wichita	0.05	292	0.88	0.70	203	1.28	0.44	214	1.20	0.63	205	1.14	0.52	238	0.98	0.42	258.	0.83
Curtiss, Buffalo	0.62	151	2.67	0 29	166	2.17	0.64	190	1.89	0.46	226	1.26	0.53	181	2.12	0.51	206	1.49
Curtiss, Columbus	0.26	156	2.51	0.41	161	2.15	0.37	176	2.08	0.30	158	2.02	0.32	175	2 29	0.40	163	1.69
Curtiss, Louisville	0 01	742	0.38	0.05	1181	0.27	0.38	484	0.69	1.03	460	0.61	0.21	566	0.52	0.18	582	0.25
Curtiss, St. Louis	0.17	364	0.85	—	327	0.92	—	265	1.20	—	213	1.12	—	190	1.58	0.04	299	0.87
Douglas, Chicago	0.06	243	1.49	0.22	228	1.46	0.28	238	1.48	0.41	232	1.57	0.49	222	1.72	0.47	226	1.67
Douglas, El Segundo	0.75	271	1.81	0.35	321	1.18	0.02	370	0.92	—	308	1.04	1.09	291	1.22	5.02	291	1 15
Douglas, Long Beach	1.33	149	2.84	1.29	168	2.33	0.84	202	1.90	0.87	187	1.87	1.02	174	2.24	0.85	189	1 76
Douglas, Oklahoma City	1.18	189	2.74	1.48	155	2.88	1.15	195	2.04	1.06	254	1.48	1.45	224	1.84	1.40	164	2.10
Douglas, Santa Monica	0.82	186	2.42	0.68	210	1.89	0.55	251	1.41	0.13	302	1.26	0.22	275	1.63	0.33	244	1 42
Douglas, Tulsa	0.40	293	1.48	0.50	269	1.36	0.16	219	1.72	0.29	154	2.37	0.52	127	3.22	0.49	434	1.22
Eastern, Linden	0 83	153	2.81	0.78	151	2.71	0.80	173	2.06	0.44	184	1.17	0.42	185	1.10	0 42	237	1.00
Eastern, Trenton	0.57	185	2.35	0.70	176	2.18	0.66	185	1.81	0.68	184	1.80	0.77	190	1.79	0.69	206	1 58
Fairchild, Hagerstown	0.54	181	1.70	0.19	336	0.73	0.15	278	0.91	0.03	292	0.72	—	273	0.89	0.07	—	0.78
Fairchild, Burlington	0 06	264	1.35	0.15	183	1.64	0.24	338	0.60	—	—	—	—	—	—	—	—	—
Fisher, Cleveland	—	512	0.95	—	—	0.66	—	—	0.89	—	—	—	—	—	—	—	—	—
Ford, Willow Run	1.86	201	2.23	1 32	251	1.45	1.27	247	0.99	1.05	255	0.97	1.06	272	0.92	0.46 .	1485	0 07
Globe, Ft Worth	0.29	220	1.23	0.36	177	1.12	—	482	0.37	—	—	—	—	—	—	—	—	—
Goodyear, Akron	0.40	290	1.35	0.35	337	1.22	0.46	253	1.25	0.38	240	1 21	0.67	235	1.24	0.41	232	1 10
Grumman, Bethpage	1.12	126	2.40	0.99	129	1.97	0.87	163	1.47	0.93	150	1 60	1.14	150	1.79	0.77	161	1 46
Higgins, New Orleans	—	366	0 83	—	308	0.98	—	1849	0.13	—	570	0.23	—	—	—	—	—	—
Lockheed, Burbank, "A" and "B"	0 91	179	2.38	0.78	200	1.82	0.73	191	1.85	0.58	170	1.76	0.59	196	1.59	0 27	238	1 21
Martin, Baltimore	0 72	169	2 13	0.57	200	1 73	0 44	225	1.39	0.56	187	1.51	0.50	166	1 85	0 31	184	1 52
Martin, Omaha	0 32	274	1 20	0.05	488	0.84	0.09	312	1.13	0.31	332	1 33	0.39	393	1.07	0.43	383	0 88
McDonnell, Memphis	0 01	225	1 28	0 07	198	1 32	0 10	297	0.31	—	—	—	—	—	—	—	—	—
Nash-Kelvinator, Detroit	—	383	0 79	—	510	0 53	—	141	0.43	—	565	0.36	0.03	577	0.37	0 02	551	0 35
Naval Aircraft, Philadelphia	0 11	405	0 66	0.14	401	0 96	—	—	—	—	—	—	—	—	—	—	—	—
North American, Dallas, "A" & "B"	1 12	149	3 10	1 27	190	2 27	1 30	165	2.00	0.75	174	1 72	0 70	207	1 26	0 76	253	0 95
North American, Inglewood	1 21	137	2 72	1 65	150	2 12	1 25	169	1.74	1 12	160	1 72	1 28	155	1 81	0 95	206	1 34
North American, Kansas City	0 74[5]	154	2 76	0 72[5]	142	2 58	0.79[5]	154	2 14	0.71[5]	167	1.49	0 65[5]	223	1 11	0 55[5]	259	0 94
Northrop, Hawthorne	0 22	240	1 66	0 46	204	1 68	0 47	209	1 64	0.40	218	1 45	0 23	294	1 12	0 24	320	1 06
Piper, Lock Haven	1 04	242	1 03	0 51	212	0 95	0 47	200	0 82	0 25	223	0 51	0 30	359	0 58	0 50	364	0 76
Republic, Evansville	0 73	151	2 58	0 69	163	1 89	0 67	112	1-61	0.74	141	1 36	0 85	146	1 44	0 64	173	0 98
Republic, Farmingdale	0 90	125	3 62	0.83	109	2 54	0 70	114	2.42	0 71	117	2 60	0.78	111	2 68	0 67	122	2 16
Ryan, San Diego	—	214	1 66	—	221	1 44	—	—	—	—	154	1 96	0.01	—	2 35	0 01	134	2 11
Sikorsky, Stratford	0.01	261	0 87	0.01	269	0 00	0 03	281	0.82	0.03	359	0.58	0.06	373	0 08	0 02	306	0 70
Taylorcraft, Alliance	2 15	103	1 85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 7. UTILIZATION AND PRODUCTIVITY OF FLOOR AREA OF PRIME CONTRACTING AIRFRAME PLANTS
DECEMBER 1942 — JUNE 1945

FOOTNOTES

1. Data of plants not engaged in prime-contracting airframe work included in obtaining ratios for this table, in connection with this facility.

2. Consolidated reports submitted after this quarter.

3. Ratio based on "Productive Area" this quarter, which facility continued to report, rather than "Direct Area."

4. Direct workers on largest shift estimated by facility.

5. On-Site pounds of complete units and spares derived by use of weighted average percent outside production for entire facility because breakdown of pounds accepted not available for "Kansas City Portion" and "Split Portion."

TABLE 8

CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943–JUNE 1945

The Cumulative Plane Number shown in this Table was reported by facilities as "the latest plane accepted for which time cycle records were available." This plane number was determined on the same basis as the cumulative plane number shown in Table 3 and 4, but, for any specific month, does not necessarily have to be the same plane number.

Time Cycle is the elapsed time in calendar days from the start of the first machine shop operations on the unit reported for the cumulative plane number, to the date of acceptance of the unit.

Source: Aeronautical Monthly Progress Report, QR-I (Quarterly Supplement).

TABLE 8. CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943 — JUNE 1945

FACILITY AND MODEL	1943								1944								1945			
	MARCH		JUNE		SEPTEMBER		DECEMBER		MARCH		JUNE		SEPTEMBER		DECEMBER		MARCH		JUNE	
	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days
Aeronca, Middletown																				
PT-23 (19)	111	NR	319	90	539	90	770	90	—	—	—	—	—	—	—	—	—	—	—	—
L-3B	939	NR	1051	45	1191	45	1359	45	—	—	—	—	—	—	—	—	—	—	—	—
Beech, Wichita																				
UC-43 (GB-2)	114	146	154	146	191	146	248	146	322	146	—	—	—	—	—	—	—	—	—	—
AT-10	1300	72	1600	72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
AT-11 (SNB-1)	1084	94	1288	94	1542	94	1665	94	1845	94	—	—	—	—	—	—	—	—	—	—
AT-7 (SNB-2)	492	94	603	94	774	94	1011	94	1192	94	—	—	—	—	—	—	—	—	—	—
UC-45B	400	NR	600	NR	900	94	1500	94	2500	94	—	—	—	—	—	—	—	—	—	—
Model 18[1]	—	—	—	—	—	—	—	—	—	—	4813	117	5044	117	—	—	—	—	—	—
Bell, Buffalo																				
P-39	3939	90	5318	90	6522	90	7736	90	8740	NA	9462	180	—	—	—	—	2294	120	2920	120
P-63 (A-8) C, D	—	—	—	—	—	—	26	120	134	NA	462	240	1059	180	1777	180	—	—	—	—
P-59A	—	—	—	—	—	—	—	—	—	—	—	—	7	330	23	270	1	120	11	120
P-63E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235	120	—	—
RP-63A, C	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	120
RP-63G	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bell, Marietta																				
B-29	—	—	—	—	—	—	2	228	14	160	55	123	96[2]	159	200	183	351	208	537	189
Bellanca, New Castle																				
AT-21 BL	—	—	—	—	—	—	—	—	1	276	10	50	27	40	—	—	—	—	—	—
Boeing, Renton																				
B-29	—	—	—	—	—	—	—	—	8	390	19	350	62	350	139	270	329	250	722	230
Boeing, Seattle																				
B-17	1975	NA	2555	240	3145	240	3835	240	4757	200	5493	200	6357	200	6672	200	6949	200	—	—
Boeing, Wichita																				
PT-13-17 (N2S-3, 4, 5)	5604	48	6429	75	7149	75	7512	75	7731	75	8075	75	8265	75	8366	75	—	—	—	—
B-29	5	NA	20	NA	44	NA	87	150	231	150	411	180	600	180	819	180	1105	180	1408	180
Brewster, Long Island																				
SB2A-4	66	266	97	206	153	179	—	—	—	—	—	—	—	—	—	—	—	—	—	—
340-14	192	436	343	266	446	204	454	NA	—	—	—	—	—	—	—	—	—	—	—	—
SB2A-2, 3	4	421	17	241[3]	74	322	—	—	—	—	—	—	—	—	—	—	—	—	—	—
F3A-1	—	—	2	296	13	205	136	115	375	120	—	—	—	—	—	—	—	—	—	—
Budd, Philadelphia																				
RB-1	—	—	—	—	—	—	—	—	1	214	10	365	14	395	—	—	—	—	—	—
Cessna, Wichita																				
UC-78	2784	35	3434	31	4172	31	4888	31	5358	31	—	—	—	—	—	—	—	—	—	—
Chance-Vought, Stratford																				
F4U-1	435	110	817	110	1335	100	2019	84	2733	83	3317	105	4047	105	4625	135	—	—	—	—
F4U-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	195	470	135	1351	147
Columbia, Valley Stream																				
J2F-6	—	—	—	—	—	—	13	90	43	90	92	75	151	75	211	75	266	75	306	75
Consol.-Vultee, Allentown																				
TBY-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	162	94	116
Consol.-Vultee, Downey																				
BT-13A, B; BT-15; SNV-1	7532	80	8497	72	9439	72	10384	72	11134	72	11500	NA	—	—	—	—	—	—	—	—
Consol.-Vultee, Ft. Worth																				
B-24 D & J	79	180	207	105	456	75	580	65	—	—	—	—	—	—	—	—	—	—	—	—
B-24 E & H (K.D.)	53	44	220	16	608	16	1013	100	—	—	—	—	—	—	—	—	—	—	—	—
C-87	87	180	154	98	265	86	387	88	556	64	581	94	—	—	5[4]	416	17	390	63	282
B-32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	227	10	227
B-36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B-24J	—	—	—	—	—	—	—	—	1017	59	1400	81	1727	81	—	—	—	—	—	—
B-24H (K.D.)	—	—	—	—	—	—	—	—	1557	12	2012	NA	—	—	—	—	—	—	—	—
Consol.-Vultee, Nashville																				
A-31C	549	104	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
A-35B	594	180	789	180	1029	180	1259	180	1457	180	1529[5]	150	10[6]	170	10[6]	175	36	180	113	180
P-38L-1-VN	—	—	—	—	—	—	—	—	—	—	10[6]	170	—	—	—	—	—	—	—	—

TABLE 8. CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943 — JUNE 1945 (CONT'D.)

FACILITY AND MODEL	1943 MARCH		1943 JUNE		1943 SEPTEMBER		1943 DECEMBER		1944 MARCH		1944 JUNE		1944 SEPTEMBER		1944 DECEMBER		1945 MARCH		1945 JUNE	
	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days
Consol. Vultee, New Orleans PBY 5A & 6A	—	—	—	—	—	—	—	—	—	—	10	243[7]	18	221	50	200[8]	92	192	162	175
Consol.-Vultee, San Diego B-24 D & J PBY 5, 5A PB2Y-3 PB4Y-2 RY-3	1433 1335 87 — —	39 62 84 — —	1897 1485 119 — —	55 88 166 — —	2465 1606 158 — —	48 88 166 — —	3122 1782 — — —	48 84 — — —	3900 — — 1 —	44 — — 100 —	5072 — — 20 —	44 — — 100 —	5198 — — 71 —	90 — — 120 —	6111 — — 254 —	90 — — 105 —	6228 — — 388 19	108[9] — — 90 90	— — — 559 20	— — — 120 150
Consol.-Vultee, Wayne AT-19 and AT-19W L-5; L-5VA; L-5-E	19 130	48 36	80 355	60 45	155 686	60 45	232 1126	60 45	299 1508	60 45	374 1813	60 45	454 2130	60 126	— 2418	— 102	— 2893	— 84	— 3345	— 84
Culver, Wichita PQ-8A TDC-2 PQ-14 and PQ-14B	218 — —	48 — —	347 1 —	40 40 —	— 84 —	— 19 —	— — —	— — —	— — 9	— — 95	— — 220	— — 31	— — 550	— — 39	— — 881	— — 41	— — 1150	— — 21	— — 1400	— — 34
Curtiss, Buffalo P-40; P-40N P-47G C-46	8494 21 152	75 165 200	9547 75 217	65 165 195	10706 169 323	60 150 160	11894 277 450	60 150 160	12693 — 634	70[10] — 140	13189 — 962	130 — 136	13466 — 1122	70 — 120	— — 1551	— — 100	— — 2043	— — 100	— — 2474	— — 100
Curtiss, Columbus SB2C SO3C SC; SC-1	125 453 —	275 260 —	226 580 —	208 182 —	317 657 —	162 154 —	662 757 —	136 120 —	1189 — —	116 — —	1790 — 5	105 — 240	2690 — 15	105 — 210	3290 — 115	160 — 195	4000 — 203	118 — 151	4474 — 429	120 — 110
Curtiss, Louisville C-46; C-46A	—	—	—	—	—	—	—	—	—	—	11	105	53	91	150	54	250	54	250	54
Curtiss, St. Louis SB2C-1 (A-25A) C-46A, E	— —	— —	79	148	256	123	586	112	900	103	— —	— —	— —	— —	— —	— —	— 341	— 123	— 451	— 153
Douglas, Chicago C-54	—	—	—	—	2	370	10	460	24	350	72	306	154	240	236	365	385	254	536	221
Douglas, El Segundo SBD (A-24)	1862	132	2742	122	3560	122	4340	120	4898	120	5249	120	—	—	—	—	—	—	—	—
Douglas, Long Beach C-47 and C-47A B-17 F, G A-26 and A-26B C-74	1189 254 — —	100 132 — —	1670 505 — —	93 129 — —	2227 765 1 —	91 126 NR —	2749 1037 7 —	91 113 125 —	3342 1341 NA —	91 154[10] NA —	3885 1690 20 —	158 140 273 —	4086 1850 100 —	NA 186 288 —	— 2100 325 3	— 200 209 532	— 2600 600 —	— 168 171 —	— 3000 1020 —	— 199 209 —
Douglas, Oklahoma City C-47-A (R4D-5)	2	224	63	236	183	217	465	193	1117	140	2012	84	2775	78	3475	114	4165	135	4825	135
Douglas, Santa Monica A-20 and A-20G C-53D C-54 and C-54A	1760 849 38	135 150 165	2291 936 53	135 150 274	2767 — 70	130 — 274	3412 — 89	125 — 330	4307 — 111	121 — 268	5374 — 135	89 — 287	5957 — 171	110 — 123	— — 218	— — 115	— — 274	— — 130	— — 385	— — 124
Douglas, Tulsa A-24B B-24E (K.D.) A-26B & C B-24 H & J (K.D.)	5 8 — —	213 112 — —	55 21 — —	240 105 — —	240 — — 76	210 — — 60	615 — — 165	180 — — 29	— — 3 465	— — 189 13	— — 27 887	— — 169 21	— — NA —	— — NA —	— — 315 —	— — 145 —	— — 653 —	— — 175 —	— — 972 —	— — 182 —
Eastern Aircraft, Linden FM 1-2	134	65	439	62	866	59	1460	57	2280	56	3030	55	4080	55	4590	55	5040	55	5540	55
Eastern Aircraft, Trenton TBM 1-3	34	NA	197	210	587	122	1112	86	1847	83	2705	76	3579	73	4589	71	5690	69	6822	68
Fairchild, Burlington AT-21	—	—	—	—	1	120	9	200	22	195	69	95	105	104	—	—	—	—	—	—

TABLE 8. CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943 — JUNE 1945

FACILITY AND MODEL	1943 MARCH		1943 JUNE		1943 SEPTEMBER		1943 DECEMBER		1944 MARCH		1944 JUNE		1944 SEPTEMBER		1944 DECEMBER		1945 MARCH		1945 JUNE	
	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days
Fairchild, Hagerstown																				
PT-19-26	3309	100	3734	98	4108	98	4493	98	4823	98	—	—	—	—	—	—	—	—	—	—
UC-61 and UC-61A	284	90	381	88	476	88	596	88	690	96[10]	820	98	950	98	—	—	—	—	2	515
C-82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fleetwings, Bristol																				
BT-12	—	—	10	150	—	—	—	—	—	—	—	—	—	—	—	—	7750	60	8238	60
Ford, Willow Run																				
B-24E, H, M	180	43	609	40	1175	85[10]	2043	25	3155	25	4422	58	5683	58	6823	60	—	—	—	—
Globe, Ft. Worth																				
AT-10 G & F	3	NA	48	NA	138	150	268	150	403	150	545	150	—	—	—	—	3028	60	3607	60
Goodyear, Akron																			10	90
FG-1	—	—	25	110	154	90	377	90	896	75	1497	65	2010	62	2485	60				
F2G-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Grumman, Bethpage																				
F6F and F6F-3	137	90	597	75	1352	70	2555	70	4077	70	5592	70	7065	70	8695	65	10325	65	11700	65
TBF	1040	75	1499	75	1956	70	2292	NR	—	—	—	—	—	—	—	—	—	—	—	—
J4F and J4F-2	52	NA	64	75	80	75	97	75	109	75	121	75	132	75	141	75	—	—	—	—
JRF and JRF-5	88	NA	101	75	115	75	133	75	149	75	168	75	188	75	210	75	—	—	—	—
F7F and F7F-1	—	—	—	—	—	—	—	—	—	—	—	—	24	70	65	70	140	70	215	70
F8F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	NA	16	75	75	75
Higgins, New Orleans																				
C-46	—	—	—	—	—	—	—	—	—	—	—	—	2	164	—	—	—	—	—	—
Howard, Chicago																				
PT-23	18	30	100	25	219	15	349	10	—	—	—	—	—	—	—	—	—	—	—	—
NH-1	27	45	60	45	141	45	225	30	—	—	—	—	—	—	—	—	—	—	—	—
GH-2	—	—	1	45	29	45	75	40	—	—	—	—	—	—	—	—	—	—	—	—
Lockheed, Burbank, A and B																				
B-17; B-17 F & G	163	146	337	120	635	116	955	99	1267	96	1579	100	1895	97	2199	96	2511	110	2726	123
PV-1	1207	137	1492	115	1810	112	2123	105	2370	108	—	—	—	—	—	—	—	—	—	—
P-38 and P-38L	1556	NA	1942	150	2463	102	3517	115	4499	126	5548	158	6714	155	7703	133	8510	140	9085	138
C-60 (Model 18)	402	NA	511	122	596	84	625	NA	—	—	—	—	—	—	—	—	—	—	—	—
PV-2	—	—	—	—	—	—	—	—	1	196	10	280	84	231	89	276	237	280	462	188
C-69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	440
P-80A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	38	132
Martin, Baltimore																				
B-26	1251	73	1611	90	1870	87	2238	78	2598	NA	2958	79	3253	73	3505	73	—	—	—	—
A-30	826	81	976	90	1146	82	1326	81	—	—	—	—	—	—	—	—	—	—	—	—
PBM and PBM-3	150	109	304	135	402	135	482	124	580	NA	680	112	748	110	892	114	1036	133	1174	140
Martin, Omaha																				
B-26 and B-26C	171	243	561	165	966	65	1301	55	1544	55	—	—	—	—	—	—	—	—	—	—
B-29	—	—	—	—	—	—	—	—	—	—	—	—	23	216	95	167	235	135	403	135
McDonnell, Memphis																				
AT-21	—	—	—	—	—	—	—	—	4	150	11	158	26	140	30	140	—	—	—	—
Nash-Kelvinator, Detroit																				
R-6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	70	67	34	—	—
Naval Aircraft, Philadelphia																				
PBN-1	6	270	12	210	17	240	39	240	65	240	89	240	107	NA	136	NA	—	—	—	—
TDN-1	24	312	70	150	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North American, Dallas																				
AT-6 and AT-6C	5600	98	7000	95	7700	95	8300	95	9000	126[16]	9450	130	10600	130	11511	129	12111	147	12661	151
P-51	1	325	3	408	6	106	70	133	550	133	1000	148	1870	136	2600	138	3400	151	4150	153
B-24	—	—	—	—	10	301	40	171	230	171	470	182	800	185	—	—	—	—	—	—
North American, Inglewood																				
B-25	1664	134	2014	152	2297	150	2544	150	2840	170	3180	NA	5173	162	6073	162	8273	133	9473	140
P-51 and P-51 B & D	1338	128	1600	135	2061	110	2801	110	3070	110	4173	182	—	—	—	—	7	201	60	198
P-51H	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 8. CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943 — JUNE 1945 (CONT'D.)

FACILITY AND MODEL	1943 MARCH		1943 JUNE		1943 SEPTEMBER		1943 DECEMBER		1944 MARCH		1944 JUNE		1944 SEPTEMBER		1944 DECEMBER		1945 MARCH		1945 JUNE	
	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days	Cumulative Plane Number	Time Cycle in Days
North American, Kansas City B-25D & J, KC Portion) B-25 D & J Split Portion)	740 —	117 —	1210 —	114 —	1596 —	114 —	2136 150	117 117	2698 275	108 104	3465 393	121 129	4201 698	150 165	5100 938	154 168	5751 1179	136 160	5751 1179	136 160
Northrop, Hawthorne P-61	—	—	—	—	13	300	32	300	87	149	97	190	275	140	375	180	451	193	561	195
Piper, Lockhaven L-4	1875	18	2075	12	2390	12	2837	12	3218	12	3764	12	4364	12	4760	12	5018	12	5349	12
Republic, Evansville P-47D	93	88	307	90	595	58	1141	48	1904	48	2663	51	3413	43	4228	43	5138	43	6016	35
Republic, Farmingdale P-47D P-47N	970 —	67 —	1560 —	55 —	2490 —	50 —	3539 —	50 —	4631 —	50 —	5597 —	44 —	6787 —	44 —	7415 21	44 67	— 773	— 44	— 1410	— 46
Ryan, San Diego FR-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13	197	21	267
Sikorsky, Bridgeport R-4 and R-4B R-5	6 —	NA —	14 —	NA —	— —	— —	— —	— —	— —	— —	13 —	52 —	58 —	52 —	— 1	— 60	— 14	— 67	— 39	— 67
Taylorcraft, Alliance L-2B LBT-1	844 —	90 —	1085 —	90 —	1374 —	85 —	1714 —	82 —	1926 —	NR —	— 1	— 245	— 13	— 135	— 25	— NR	— —	— —	— —	— —

TABLE 8. CUMULATIVE PLANE NUMBER AND TIME CYCLE OF BASIC AIRFRAME MODELS PRODUCED IN PRIME CONTRACTING AIRFRAME PLANTS, BY QUARTER, MARCH 1943 — JUNE 1945

FOOTNOTES

1. Model 18 includes At-7, At-11 and UC-45.

2. The increased flow time on this unit over that reported for cumulative plane No. 55 in June, includes complete modification and airport operations.

3. As reported by facility but believed to be in error.

4. Mid-plane of lot 1.

5. Includes 499 V-72's, 100 A-31C's, 99 A-35A's, and 831 A-35B's.

6. Not including 10 planes assembled from Knockdowns received from Lockheed. These planes were accepted at Lockheed.

7. Includes estimated fabrication and sub-assembly man-hours for parts received from San Diego Division.

8. Does not include estimated fabrication and sub-assembly man-hours for parts received from San Diego Division.

9. Including Modification Work at Tucson.

10. Change in Basic Model.

TABLE 9

LABOR REQUIREMENTS—REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS JANUARY 1943 TO JUNE 1945

For the purpose of forecasting labor requirements, as reported on World War II AMPR's, a facility first determined the direct man-hours required to produce the scheduled number of units of each of its models. By adding to these direct man-hours for all models the estimated forecasts of direct man-hours for work on other than basic models, total direct man-hour requirements were obtained. These data were then divided by estimated direct hours per direct worker per month to derive direct worker requirements. On the basis of an estimated ratio of direct to total employment, total labor requirements were obtained. All these component data—direct man-hours on each basic model, all other direct man-hours, average direct hours per direct worker per month, direct workers and total employees—are shown in this table, actual for the report month and forecast for twelve months subsequent to the report month. These labor requirements are facilities' estimates and not the official forecasts of any government agency. They served, however, as a basis for deriving the official labor requirements estimates contained in the WL series of reports, entitled "Total Employment and Labor Requirements for the Aircraft Industry," prepared jointly by the Services and the Department of Labor, Bureau of Labor Statistics and distributed by the Aircraft Resources Control Office.

Direct Man-Hours—Basic Model, represent direct man-hours actually charged to production on all planes of each model during the report month and forecast for twelve subsequent months (including man-hours expended or forecast to be expended in feeder plants). Both complete units and spares direct man-hours are included in this series.

The estimates for succeeding months take into consideration all factors affecting the requirements for labor, principally the latest official approved working schedule to be met, the man-hours required within the reporting facility for production of a given unit (progress curve), and when such hours must be spent in order to meet the schedule (flow time).

Direct Man-Hours—All Others, include direct man-hours expended during the report month, or forecast to be expended in twelve subsequent months, on experimental work, subcontracting for others, spaces on models no longer in production, and all other direct man-hours.

Total Direct Man-Hours represent the sum of the direct man-hours on basic models and on all other production.

Average Direct Hours per Direct Worker per Month. For the report month, these data were computed by contractors by dividing the total man-hours worked by the average number of direct workers employed during the month. For the twelve months following the report month the data are contractor estimates and take into consideration the number of work days in the month, change in scheduled work-week, expected absenteeism and other factors affecting the number of hours to be worked during the month.

Direct Workers—Report Month, represent the average direct employment, computed by contractors by adding the direct employment at the end of the preceding month and the direct employment at the end of the report month and dividing the sum by two.

Direct Workers—Subsequent Month, were computed by contractors by dividing the estimates of total direct man-hours by estimated direct hours per direct worker per month.

Total employees represent the sum of the average direct employment and average other employment for each month. Average total employees for the report month were computed by the contractor by adding total employment at the end of the preceding month and total employment at the end of the report month and dividing the sum by two.

Beginning in May 1944 the Aeronautical Monthly Progress Report system called for "net" and "gross" employment data. Net data are used throughout this table except where footnotes indicate that gross only were available. The net employment data reported did not include such employees as those on official leave of absence, or on official vacation. They included employees allocated to the reporting facility, although located at a different plant, but did not include persons whose place of work was the reporting facility, but whose hours were charged to the operation of other plants.

As described above, the direct worker and total employee data are *averages* and, therefore, do not agree with the *end of month* employment figures reported in "Labor Statistics for the Aeronautical Industry" issued jointly by this Command and the Bureau of Labor Statistics.

Source: Aeronautical Monthly Progress Report No. 2 and or revisions thereto.

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS

JANUARY 1943 TO [illegible]

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per [illegible])

AERONCA, MIDDLETOWN

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11
	1943 JAN.											
L-3C Direct Man-Hours	31	21	20	20	19	18	18	17	16	16	15	15
PT-23AE Direct Man-Hours	40	60	81	96	110	120	133	144	155	165	165	165
RF-1 Direct Man-Hours	16	38	28	27	27	28	27	27	28	27	27	27
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	87	119	129	143	156	166	178	188	199	208	207	207
Aver. Hrs. per Direct Worker in Month	121	121	121	121	121	121	121	121	121	121	121	121
Direct Workers	721	787	815	891	944	1,014	1,073	1,134	1,185	1,181	1,178	1,178
Total Employees	1,212	1,398	1,450	1,587	1,681	1,806	1,910	2,018	2,108	2,100	2,093	2,093
	FEB.											
L-3B Direct Man-Hours	27	20	20	19	18	18	17	16	16	15	15	15
PT-23AE Direct Man-Hours	70	81	96	110	120	133	144	155	165	165	165	165
RF-1 Direct Man-Hours	12	38	27	27	28	27	27	28	27	27	27	27
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	109	139	143	156	166	178	188	199	208	207	207	207
Aver. Hrs. per Direct Worker in Month	168	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	756	815	891	944	1,014	1,073	1,134	1,185	1,181	1,178	1,178	1,178
Total Employees	1,260	1,450	1,587	1,681	1,806	1,910	2,108	2,108	2,100	2,093	2,093	2,093
	MAR.											
L-3B Direct Man-Hours	17	19	19	18	17	17	16	16	15	15	15	15
PT-23 Direct Man-Hours	80	96	110	120	133	144	155	165	165	165	165	165
RF-1 Direct Man-Hours	15	15	15	15	15	15	15	15	15	15	15	15
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	112	130	144	153	165	176	186	196	195	195	195	195
Aver. Hrs. per Direct Worker in Month	160	155	155	155	155	155	155	155	155	155	155	155
Direct Workers	703	841	928	988	1,068	1,134	1,201	1,261	1,257	1,257	1,257	1,257
Total Employees	1,226	1,587	1,681	1,806	1,910	2,018	2,108	2,100	2,093	2,093	2,093	2,093
	APR.											
L-3B Direct Man-Hours	16	19	18	18	17	16	16	15	15	15	15	15
PT-23 Direct Man-Hours	81	110	120	133	144	155	165	165	165	165	165	165
All Other Direct Man-Hours	12	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	109	144	153	166	176	186	196	195	195	195	195	195
Aver. Hrs. per Direct Worker in Month	151	160	160	160	160	160	160	160	160	160	160	160
Direct Workers	721	899	957	1,035	1,099	1,164	1,223	1,218	1,218	1,218	1,218	1,218
Total Employees	1,239	1,601	1,704	1,842	1,956	2,071	2,175	2,164	2,164	2,164	2,164	2,164
	MAY											
L-3B Direct Man-Hours	28	25	25	25	25	25	25	25	25	25	—	—
PT-23 (19) Direct Man-Hours	107	115	120	125	130	130	130	130	130	130	—	—
All Other Direct Man-Hours	6	1	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	141	141	145	150	155	155	155	155	155	155	—	—
Aver. Hrs. per Direct Worker in Month	193	182	177	172	170	170	170	170	170	170	—	—
Direct Workers	731	776	818	870	910	910	910	910	910	910	—	—
Total Employees	1,252	1,330	1,408	1,486	1,565	1,565	1,565	1,565	1,565	1,565	—	—
	JUNE											
L-3B Direct Man-Hours	23	25	25	25	25	25	25	25	18	—	—	—
PT-23 (19) Direct Man-Hours	88	100	100	100	95	95	95	95	95	95	95	95
All Other Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	112	125	125	125	120	120	120	120	113	95	95	95
Aver. Hrs. per Direct Worker in Month	154	171	171	171	171	171	171	171	171	171	171	171
Direct Workers	727	730	730	730	700	700	700	700	660	556	556	556
Total Employees	1,253	1,260	1,260	1,260	1,210	1,210	1,210	1,210	1,150	1,031	1,031	1,031
	JULY											
L-3B Direct Man-Hours	32	25	25	25	25	25	25	18	—	—	—	—
PT-23 (19) Direct Man-Hours	93	100	100	95	95	95	95	95	95	95	95	90
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	125	125	125	120	120	120	120	113	95	95	95	90
Aver. Hrs. per Direct Worker in Month	170	171	171	171	171	171	171	171	171	171	171	171
Direct Workers	730	730	730	700	700	700	700	660	556	556	556	556
Total Employees	1,240	1,260	1,260	1,210	1,210	1,210	1,210	1,156	1,031	1,031	1,031	1,031
	AUG.											
L-3B Direct Man-Hours	28	25	25	25	25	25	18	—	—	—	—	—
PT-23 (19) Direct Man-Hours	77	100	95	95	95	95	95	95	95	95	90	90
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	105	125	120	120	120	120	113	95	95	95	90	90
Aver. Hrs. per Direct Worker in Month	143	171	171	171	171	171	171	171	171	171	171	171
Direct Workers	743	730	700	700	700	700	660	556	556	556	556	526
Total Employees	1,272	1,260	1,210	1,210	1,210	1,210	1,150	1,031	1,031	1,031	1,031	1,001

ITEM	[illegible]											
	19[illegible] SEPT											
L-3B Direct Man-Hours	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PT-19 Direct Man-Hours	75	90	90	90	95	95	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	103	120	90	90	130	130	95	95	95	90	90	90
Aver. Hrs per Direct Worker in Month	134	171	171	171	171	171	171	171	171	171	171	171
Direct Workers	757	700	700	700	760	660	556	556	556	526	526	526
Total Employees	1,324	1,210	1,210	1,210	1,210	1,150	1,031	1,031	1,031	1,001	1,001	1,001
	OCT											
L-3B Direct Man-Hours	35	25	25	25	18	—	—	—	—	—	—	—
PT-19 Direct Man-Hours	96	95	95	95	95	95	95	95	90	90	—	—
All Other Direct Man-Hours	12	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	143	120	120	120	113	95	95	95	90	90	90	90
Aver. Hrs. per Direct Worker in Month	166	171	171	171	171	171	171	171	171	171	171	171
Direct Workers	869	700	700	700	660	556	556	556	556	556	556	556
Total Employees	1,431	1,210	1,210	1,210	1,150	1,031	1,031	1,031	1,001	1,001	1,001	1,001
	NOV.											
L-3B Direct Man-Hours	27	25	25	18	—	—	—	—	—	—	—	—
PT-19 Direct Man-Hours	74	95	95	95	95	95	95	85	68	55	40	40
All Other Direct Man-Hours	12	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	113	120	120	113	95	95	95	85	68	55	40	40
Aver. Hrs. per Direct Worker in Month	128	171	171	171	171	171	171	170	170	170	171	171
Direct Worker	800	700	700	660	556	556	556	500	392	324	234	234
Total Employees	1,368	1,210	1,210	1,150	1,031	1,031	1,031	905	725	609	434	434
	DEC.											
L-3B Direct Man-Hours	30	32	8	—	—	—	—	—	—	—	—	—
PT-19 Direct Man-Hours	87	86	58	57	52	52	34	34	29	28	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	117	118	66	57	52	52	34	34	29	28	—	—
Aver. Hrs. per Direct Worker in Month	152	169	171	171	171	171	171	171	170	169	—	—
Direct Workers	772	700	392	337	303	303	200	200	168	163	—	—
Total Employees	1,398	1,210	1,150	1,031	1,031	1,031	1,031	905	725	609	—	—
	1944 JAN.											
L-3B Direct Man-Hours	21	—	—	—	—	—	—	—	—	—	—	—
PT-19 Direct Man-Hours	74	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	13	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	108	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	137	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	778	—	—	—	—	—	—	—	—	—	—	—
Total Employees	1,391	—	—	—	—	—	—	—	—	—	—	—
	FEB.											
L-3B Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—
PT-19 Direct Man-Hours	92	25	25	5	3	1	—	—	—	—	—	—
UC-64A Direct Man-Hours	—	1	2	4	6	8	10	24	40	60	100	—
All Other Direct Man-Hours	14	16	16	16	16	16	16	16	16	16	16	—
Total Direct Man-Hours	110	42	43	25	25	25	26	40	56	76	116	—
Aver. Hrs. per Direct Worker in Month	182	168	172	166	166	166	170	172	172	172	172	—
Direct Workers	694	250	250	150	150	150	153	233	325	442	675	—
Total Employees	1,235	550	550	400	400	400	403	483	575	742	1,000	—
	MAR.											
PT-19 Direct Man-Hours	25	25	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	28	27	35	51	55	55	64	76	76	85	85	85
Total Direct Man-Hours	53	52	35	51	55	55	64	76	76	85	85	85
Aver. Hrs per Direct Worker in Month	118	180	121	170	157	157	160	170	170	170	170	170
Direct Workers	448	200	200	300	350	350	400	450	450	500	500	500
Total Employees	838	570	570	580	650	650	700	750	750	800	800	800
	APR.											
PT-19 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	25	35	51	55	55	64	76	76	85	85	85	85
Total Direct Man-Hours	32	35	51	55	55	64	76	76	85	85	85	85
Aver. Hrs per Direct Worker in Month	111	121	170	157	157	160	170	170	170	170	170	170
Direct Workers	493	200	300	350	350	400	450	450	00	500	500	500
Total Employees	690	570	580	650	650	700	[illegible]	[illegible]	850	800	800	[illegible]

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

AERONCA, MIDDLETOWN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
Aircraft Direct Man-Hours	39	40	51	55	55	64	76	76	85	85	85	85	—
Total Direct Man-Hours	39	40	51	55	55	64	76	76	85	85	85	85	—
Aver. Hrs. per Direct Worker in Month	135	138	170	157	157	160	170	170	170	170	170	170	—
Direct Workers	291	290	300	350	350	400	450	450	500	500	500	500	—
Total Employees	595	670	680	650	650	700	750	750	800	800	800	800	—

BEECH, WICHITA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
AT-11 Direct Man Hours	439	418	470	452	445	460	480	500	530	580	560	580	560
AT-7 Direct Man-Hours	253	245	256	328	335	345	374	500	530	580	560	580	560
AT-10 Direct Man-Hours	361	336	378	364	351	320	260	81	—	—	—	—	—
UC-43 GB-2 Direct Man-Hours	72	72	72	70	65	60	60	55	40	—	—	—	—
XA-38 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	50	156	208
All Other Direct Man-Hours	94	132	144	155	178	191	204	264	260	264	230	205	225
Total Direct Man-Hours	1,219	1,203	1,320	1,369	1,374	1,376	1,378	1,400	1,360	1,424	1,400	1,521	1,553
Aver. Hrs. per Direct Worker in Month	198	190	198	198	198	198	198	198	190	195	188	195	195
Direct Workers	6,156	6,332	6,665	6,915	6,937	6,949	6,962	7,073	7,158	7,303	7,447	7,800	7,964
Total Employees	10,701	11,122	11,615	12,066	12,891	12,914	12,932	13,079	13,186	13,367	13,546	13,982	14,184
	FEB.												
AT-11 Direct Man-Hours	418	470	452	445	445	445	445	560	583	560	582	582	560
AT-7 Direct Man-Hours	234	260	338	338	338	491	491	630	655	630	645	645	620
AT-10 Direct Man-Hours	306	344	332	331	325	325	275	—	—	—	—	—	—
UC-43 GB-2 Direct Man-Hours	76	76	76	76	75	75	75	74	74	68	74	74	68
XA-38 Direct Man-Hours	—	—	—	—	—	—	—	—	—	50	156	208	250
All Other Direct Man-Hours	145	145	152	165	191	195	280	300	305	320	205	200	240
Total Direct Man-Hours	1,179	1,295	1,350	1,355	1,374	1,531	1,566	1,564	1,617	1,628	1,662	1,709	1,738
Aver. Hrs. per Direct Worker in Month	187	198	198	198	198	198	198	196	198	198	198	198	198
Direct Workers	6,306	6,540	6,817	6,844	6,930	7,734	7,911	7,980	8,165	8,224	8,395	8,632	8,779
Total Employees	10,932	11,266	11,643	11,770	11,965	12,860	13,137	13,306	13,591	13,750	14,021	14,258	14,605
	MAR.												
AT-11 and SNB-1 Direct Man-Hours	388	373	373	373	373	373	239	249	239	249	249	239	258
HT-10 Direct Man-Hours	261	252	252	252	252	194	194	194	194	194	126	—	—
AT-7 Direct Man-Hours	209	199	199	199	265	398	510	530	510	530	330	510	551
GB-2 Direct Man-Hours	65	60	60	60	60	60	125	125	125	125	125	125	125
XA-38 Direct Man-Hours	—	—	—	—	—	65	70	75	100	150	265	480	610
All Other Direct Man-Hours	190	237	245	255	285	305	315	320	335	300	275	235	180
Total Direct Man-Hours	1,113	1,121	1,129	1,139	1,235	1,395	1,453	1,493	1,503	1,548	1,570	1,589	1,724
Aver. Hrs. per Direct Worker in Month	196	198	197	197	197	197	197	197	197	197	197	195	197
Direct Workers	5,661	5,653	5,731	5,781	6,270	7,080	7,238	7,578	7,629	7,857	7,970	8,150	8,752
Total Employees	10,900	10,864	11,089	11,164	11,853	13,223	13,521	13,971	14,072	14,380	14,543	14,803	15,505
	APR.												
AT-11 Direct Man Hours	373	373	373	373	373	373	239	249	239	249	161	161	161
AT-10 Direct Man-Hours	252	252	252	252	126	110	242	220	242	413	413	413	413
AT-7 Direct Man Hours	199	199	199	265	398	510	306	306	306	318	318	318	318
GB-2 Direct Man-Hours	70	60	60	60	60	60	60	—	—	—	—	—	—
XA-38 Direct Man-Hours	—	—	—	—	—	65	70	75	160	190	265	340	410
All Other Direct Man-Hours	241	251	250	285	360	495	580	615	600	455	390	430	540
Total Direct Man-Hours	1,135	1,084	1,134	1,235	1,382	1,484	1,512	1,540	1,587	1,612	1,622	1,732	1,882
Aver. Hrs. per Direct Worker in Month	197	197	197	197	197	197	197	197	197	197	195	197	197
Direct Workers	5,763	5,553	5,756	6,270	7,015	7,534	7,674	7,819	8,054	8,180	8,315	8,780	9,551
Total Employees	10,857	10,814	11,087	12,834	13,141	13,717	13,921	14,130	14,487	14,683	14,888	15,472	16,332
	MAY												
AT-11 Direct Man Hours	373	37	373	29	128	—	—	—	—	—	—	—	—
AT-10 Direct Man-Hours	252	252	252	43	—	—	—	—	—	—	—	—	—
AT-7 Direct Man Hours	199	220	276	300	582	440	368	245	245	245	242	242	242
GB-2 Direct Man Hours	64	1	11	59	58	59	57	88	88	110	110	110	107
UC-43 Direct Man Hours	—	—	—	60	60	60	—	—	—	—	—	—	—
XA-38 Direct Man-Hours	—	—	—	—	—	—	55	57	88	110	110	110	107
All Other Direct Man Hours	210	1	275	458	321	347	335	405	485	375	370	371	371
Total Direct Man-Hours	1,098	1,088	1,114	1,141	1,179	1,187	1,195	1,225	1,306	1,340	1,339	1,358	1,380
Aver. Hrs. per Direct Worker in Month	196	197	197	198	198	198	196	196	199	197	199	199	199
Direct Workers	5,590	5,521	5,654	5,762	5,955	5,993	6,097	6,250	6,414	6,610	6,729	6,822	6,971
Total Employees	10,733	10,667	10,874	10,985	11,242	11,297	11,453	11,648	11,906	12,079	12,205	12,309	12,470
	JUNE												
AT-11 Direct Man Hours	371	361	336	260	40	—	—	—	—	—	—	—	—
AT-10 Direct Man-Hours	252	248	61	—	—	—	—	—	—	—	—	—	—
AT-7 Direct Man Hours	199	215	304	500	383	295	265	265	245	270	265	275	271
GB-2 Direct Man Hours	57	41	55	55	57	74	92	120	115	124	120	124	74

BEECH, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
UC-45 Direct Man-Hours	—	—	60	80	350	375	420	390	375	405	390	405	397
All Other Direct Man-Hours	210	225	220	245	310	405	405	425	450	440	520	578	675
Total Direct Man-Hours	1,087	1,110	1,125	1,140	1,138	1,149	1,182	1,200	1,195	1,245	1,295	1,382	1,417
Aver. Hrs. per Direct Worker in Month	200	200	200	200	199	199	200	200	197	200	199	200	199
Direct Workers	5,441	5,549	5,624	5,700	5,717	5,773	5,911	5,999	6,066	6,223	6,508	6,911	7,121
Total Employees	10,764	10,876	10,966	11,115	11,148	11,257	11,408	11,518	11,646	11,824	12,182	12,706	12,965
	JULY												
AT-11 Direct Man-Hours	367	276	333	248	225	234	77	—	—	—	—	—	—
AT-10 Direct Man-Hours	190	77	—	—	—	—	—	—	—	—	—	—	—
AT-7 Direct Man-Hours	245	439	423	510	368	255	255	245	265	245	265	255	255
GB-2 Direct Man-Hours	55	46	55	55	67	84	109	105	113	105	113	50	—
UC-45B Direct Man-Hours	—	—	—	25	123	245	382	368	397	368	397	382	382
All Other Direct Man-Hours	206	195	224	246	287	311	300	409	424	545	573	714	772
Total Direct Man-Hours	1,063	1,033	1,035	1,084	1,070	1,129	1,123	1,127	1,199	1,263	1,348	1,401	1,409
Aver. Hrs. per Direct Worker in Month	206	199	199	205	202	204	200	199	200	203	202	203	201
Direct Workers	5,155	5,190	5,205	5,295	5,300	5,524	5,620	5,660	6,010	6,221	6,675	6,903	7,010
Total Employees	10,556	10,595	10,635	10,745	10,757	10,994	11,106	11,161	11,575	11,815	12,318	12,592	12,752
	AUG.												
AT-11 Direct Man-Hours	345	230	239	230	239	78	—	—	—	—	—	—	—
AT-10 Direct Man-Hours	54	—	—	—	—	—	—	—	—	—	—	—	—
AT-7 Direct Man-Hours	375	505	455	375	260	260	250	270	250	270	260	260	270
GB-2 Direct Man-Hours	50	55	63	67	84	109	105	113	105	113	50	—	—
UC-45 Direct Man-Hours	—	—	65	125	250	390	375	405	375	405	390	390	405
All Other Direct Man-Hours	193	221	244	280	280	277	376	372	457	485	587	636	704
Total Direct Man-Hours	1,017	1,011	1,066	1,077	1,113	1,114	1,106	1,160	1,187	1,273	1,287	1,286	1,379
Aver. Hrs. per Direct Worker in Month	206	203	207	207	208	206	203	208	208	208	205	201	206
Direct Workers	4,930	4,985	5,154	5,213	5,345	5,398	5,445	5,569	5,699	6,110	6,290	6,400	6,679
Total Employees	10,249	10,312	10,499	10,576	10,720	10,780	10,842	11,019	11,178	11,642	11,870	12,040	12,369
	SEPT.												
AT-11 Direct Man-Hours	230	253	230	239	230	230	248	198	—	—	—	—	—
AT-7 Direct Man-Hours	500	580	485	260	260	250	270	250	270	260	260	254	244
GB-2 Direct Man-Hours	55	63	76	84	109	105	113	105	113	50	—	—	—
UC-45 Direct Man-Hours	—	25	125	250	140	125	135	160	406	390	390	381	367
All Other Direct Man-Hours	211	178	218	284	357	407	404	474	474	580	639	685	722
Total Direct Man-Hours	996	1,099	1,134	1,117	1,096	1,117	1,170	1,187	1,262	1,280	1,289	1,320	1,333
Aver. Hrs. per Direct Worker in Month	202	205	206	203	199	199	202	201	206	205	205	205	206
Direct Workers	4,938	5,359	5,499	5,514	5,517	5,600	5,799	5,903	6,124	6,199	6,289	6,429	6,480
Total Employees	10,309	10,597	10,627	10,639	10,640	10,708	10,881	10,947	11,160	11,237	11,324	11,444	11,500
	OCT.												
AT-11 Direct Man-Hours	239	230	239	239	230	248	239	—	—	—	—	—	—
AT-7 Direct Man-Hours	500	375	260	244	235	254	235	254	244	244	238	229	229
GB-2 Direct Man-Hours	50	67	84	109	105	113	105	113	59	—	—	—	—
UC-45 Direct Man-Hours	50	125	250	244	235	254	334	508	489	489	475	458	458
All Other Direct Man-Hours	210	236	265	301	357	336	309	392	479	575	617	654	663
Total Direct Man-Hours	1,049	1,033	1,098	1,137	1,162	1,205	1,222	1,267	1,271	1,38	1,330	1,341	1,350
Aver. Hrs. per Direct Worker in Month	205	201	205	207	207	208	207	207	205	208	208	207	208
Direct Workers	5,125	5,152	5,345	5,501	5,602	5,799	5,900	6,125	6,198	6,299	6,400	6,489	6,480
Total Employees	10,517	10,609	10,640	10,661	10,702	10,881	10,947	11,164	11,234	11,328	11,424	11 500	11,500
	NOV.												
AT-11 Direct Man-Hours	225	234	234	225	243	234	—	—	—	—	—	—	—
AT-7 Direct Man-Hours	360	250	239	230	240	220	230	219	212	220	207	207	202
GB-2 Direct Man-Hours	94	82	107	100	108	100	105	55	—	—	—	—	—
UC-45 Direct Man-Hours	125	250	249	230	251	326	240	229	222	230	217	217	212
All Other Direct Man-Hours	243	266	306	359	350	328	630	740	832	849	904	910	931
Total Direct Man-Hours	1,047	1,082	1,135	1,153	1,192	1,208	1,205	1,243	1,266	1,299	1,328	1,334	1,345
Aver. Hrs. per Direct Worker in Month	199	201	206	206	208	206	201	203	203	204	205	206	208
Direct Workers	5,265	5,380	5,498	5,597	5,724	5,869	5,991	6 112	6,246	6 374	6 480	6 480	6,480
Total Employees	10,999	11 015	11,075	11 125	11,185	11,204	11 291	11 355	11 415	11 467	11,500	11 500	11 500
	DEC.												
AT-11 Direct Man-Hours	234	234	225	243	234	140	—	—	—	—	—	—	—
AT-7 Direct Man-Hours	254	239	230	240	220	230	219	212	220	207	207	202	195
GB-2 Direct Man-Hours	82	107	100	108	100	105	101	20	-	-	-	-	-
UC-45 Direct Man-Hours	255	249	230	251	326	481	458	444	461	474	434	424	408
All Other Direct Man-Hours	267	310	301	342	337	290	495	618	635	703	728	761	808
Total Direct Man-Hours	1,092	1,139	1,155	1 184	1 217	1,252	1 273	1 293	1,316	1 344	1,369	1,387	1 411
Aver. Hrs. per Direct Worker in Month	201	200	205	205	200	208	207	206	209	207	207	206	205
Direct Workers	5,423	5,524	5,610	5,770	5 900	6,025	6,144	6,260	6,382	6,498	6,615	6 743	6,871
Total Employees	11,470	11,530	11,640	11,750	11,850	11,950	12,065	12,160	12,270	12,375	12,470	12,580	12,700

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BEECH, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JAN.												
AT-11 Direct Man-Hours	234	—	—	—	—	—	—	—	—	—	—	—	—
AT-7C Direct Man-Hours	239	—	—	—	—	—	—	—	—	—	—	—	—
GB-2 Direct Man-Hours	90	—	—	—	—	—	—	—	—	—	—	—	—
UC-45B Direct Man-Hours	249	—	—	—	—	—	—	—	—	—	—	—	—
A-26B Direct Man-Hours	120	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	192	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1124	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	200	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	5,631	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	11,757	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
AT-11 Direct Man-Hours	230	243	234	140	—	—	—	—	—	—	—	—	—
AT-7C Direct Man-Hours	243	228	226	223	215	215	212	207	204	197	187	133	97
GB-2 Direct Man-Hours	96	108	100	105	101	20	—	—	—	—	—	—	—
UC-45B Direct Man-Hours	254	310	418	466	451	451	445	433	427	415	418	404	404
A-26B Direct Man-Hours	129	143	146	192	354	443	483	511	527	555	569	638	680
All Other Direct Man-Hours	185	177	144	155	174	180	181	184	184	185	185	193	195
Total Direct Man-Hours	1,137	1,209	1,268	1,281	1,295	1,309	1,321	1,335	1,342	1,352	1,359	1,368	1,376
Aver. Hrs. per Direct Worker in Month	198	203	205	202	202	203	203	204	204	205	206	205	206
Direct Workers	5,750	5,944	6,181	6,347	6,399	6,452	6,503	6,546	6,573	6,598	6,613	6,665	6,692
Total Employees	11,908	12,110	12,344	12,483	12,534	12,591	12,624	12,649	12,677	12,715	12,742	12,786	12,811
	MAR.												
AT-11 Direct Man-Hours	243	190	130	—	—	—	—	—	—	—	—	—	—
AT-7 Direct Man-Hours	228	226	223	215	215	212	207	204	197	187	133	97	96
GB-2 Direct Man-Hours	112	100	105	101	20	—	—	—	—	—	—	—	—
UC-45F Direct Man-Hours	310	418	466	451	451	445	433	427	415	418	404	404	408
A-26B Direct Man-Hours	187	180	201	354	465	497	535	541	563	572	638	684	695
All Other Direct Man-Hours	77	70	80	98	104	118	129	152	154	155	161	160	160
Total Direct Man-Hours	1,157	1,184	1,205	1,229	1,255	1,272	1,304	1,324	1,329	1,332	1,336	1,345	1,359
Aver. Hrs. per Direct Worker in Month	204	201	198	198	198	198	201	203	201	200	200	202	204
Direct Workers	5,661	5,892	6,086	6,202	6,326	6,426	6,494	6,531	6,603	6,650	6,664	6,670	6,669
Total Employees	11,883	12,109	12,287	12,375	12,492	12,548	12,597	12,626	12,671	12,693	12,694	12,694	12,690
	APR.												
AT-11 Direct Man-Hours	194	—	—	—	—	—	—	—	—	—	—	—	—
AT-7C Direct Man-Hours	204	223	215	215	212	207	204	198	199	193	192	191	189
GB-2 Direct Man-Hours	96	105	80	20	—	—	—	—	—	—	—	—	—
UC-45 Direct Man-Hours	245	465	451	451	445	433	427	415	418	404	403	403	402
A-26B Direct Man-Hours	233	300	412	418	474	525	544	644	695	734	738	782	827
All Other Direct Man-Hours	108	143	80	120	122	133	151	152	153	160	161	162	165
Total Direct Man-Hours	1,080	1,236	1,238	1,224	1,253	1,298	1,326	1,409	1,465	1,491	1,494	1,538	1,583
Aver. Hrs. per Direct Worker in Month	195	200	200	196	200	200	200	200	200	200	200	200	200
Direct Workers	5,534	6,180	6,190	6,245	6,265	6,490	6,630	7,045	7,325	7,455	7,470	7,690	7,915
Total Employees	11,869	12,330	12,363	12,423	12,439	12,510	12,572	12,844	13,065	13,163	13,169	13,292	13,506
	MAY												
Model 18 (AT-7-11 & UC-45) Direct Man-Hours	682	696	696	684	670	658	637	641	618	616	615	612	611
GB-2 Direct Man-Hours	47	12	9	—	—	—	—	—	—	—	—	—	—
A-26B Wing Direct Man-Hours	191	412	472	523	543	640	693	733	737	738	782	827	853
All Other Direct Man-Hours	63	21	24	21	23	23	21	21	21	22	22	22	22
Total Direct Man-Hours	983	1,141	1,147[3]	1,179[3]	1,218[3]	1,225[3]	1,302[3]	1,357[3]	1,373[3]	1,376	1,419	1,461	1,486
Aver. Hrs. per Direct Worker in Month	193	202	200	200	202	202	203	204	203	201	202	204	203
Net Direct Worker	5,095	5,842	5,731	5,898	6,020	6,054	6,399	6,641	6,763	6,829	7,029	7,175	7,332
Total Net Employees	11,703	12,058	12,118	12,132	12,201	12,262	12,527	12,743	12,838	12,844	12,964	13,173	13,301
	JUNE												
Model 18 (AT-7-11 & UC-45) Direct Man Hours	674	696	684	670	658	637	641	618	616	615	612	611	596
GB-2 Direct Man-Hours	10	9	—	—	—	—	—	—	—	—	—	—	—
A-26B Wing Direct Man-Hours	241	321	484	590	694	714	757	853	1,009	1,109	1,028	1,076	1,104
All Other Direct Man-Hours	49	24	21	23	21	23	21	21	22	22	22	22	23
Total Direct Man-Hours	974	1,050	1,189	1,283	1,373	1,374	1,419	1,492	1 647	1,636	1,662	1,709	1,723
Aver. Hrs. per Direct Worker in Month	191	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Worker	5,080	5,385	6,097	6,570	7,041	7,046	7,277	7,651	8,446	8 492	8,523	8,764	8,836
Total Net Employees	12,053	12,385	13,413	13 816	14 645	14,656	14,918	15,302	16,047	16,135	16,194	16,652	16,788
	JULY												
Model 18 (AT-7-11 & UC-45) Direct Man Hours	624	566	523	434	453	462	369	385	371	387	379	379	387
GB-2 Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—

BEECH, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JULY												
A-26B Wing) Direct Man-Hours	314	580	707	834	855	898	970	1 025	1,019	1,028	1,076	1,104	1,078
All Other Direct Man-Hours	34	21	23	21	23	21	21	22	27	27	27	28	28
Total Direct Man-Hours	974	1,167	1,253	1,309	1,331	1,381	1,360	1 432	1,417	1,442	1,482	1,511	1,493
Aver. Hrs. per Direct Worker in Month	195	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Workers	5,007	5,985	6,426	6,713	6,826	7,082	6,974	7,344	7,267	7,395	7,600	7,749	7,656
Total Net Employees	12,211	13,167	13,495	13,963	14,198	14,518	14,297	13,954	13,807	14,051	14,440	14,723	14,546
	AUG.												
Model 18 Direct Man-Hours	635	523	454	453	462	369	385	371	387	379	379	387	371
A-26B (Wing) Direct Man-Hours	398	707	834	855	898	970	1 025	1,019	1,028	1,076	1,104	1,078	898
All Other Direct Man-Hours	46	23	21	23	21	21	22	27	27	27	28	28	33
Total Direct Man-Hours	1,079	1,253	1,309	1,331	1,381	1,360	1,432	1,417	1 442	1,482	1,511	1,493	1 302
Aver. Hrs. per Direct Worker in Month	207	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Workers	5,209	6,426	6,713	6,826	7,082	6,974	7,344	7,267	7,395	7,600	7,749	7,656	6,677
Total Net Employees	12,395	13,495	13,963	14,198	14,518	14,297	13,954	13,807	14,051	14,440	14,723	14,546	12,686
	SEPT.												
Model 18 Direct Man-Hours	498	454	453	463	369	385	371	387	379	379	387	371	386
A-26B (Wing) Direct Man-Hours	473	834	855	898	970	1,025	1,019	1,028	1,076	1,104	1,078	898	870
All Other Direct Man-Hours	44	21	23	21	21	22	27	27	27	28	28	33	34
Total Direct Man-Hours	1,015	1,309	1,331	1,381[1]	1,360	1,432	1,417	1 442	1,482	1,511	1,493	1,302	1,200
Aver. Hrs. per Direct Worker in Month	193	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Worker	5,260	6,713	6,826	7,082	6,974	7,344	7,267	7,395	7,600	7,749	7,656	6,677	6,615
Total Net Employees	12,520	13,963	14,198	14,518	14,297	13,954	13,807	14,051	14,440	14,723	14,546	12,686	12,569
	OCT.												
Model 18 Direct Man-Hours	432	453	462	369	385	371	387	379	379	387	371	386	374
A-26B (Wing) Direct Man-Hours	575	875	895	944	991	998	986	967	899	875	862	847	836
All Other Direct Man-Hours	48	47	45	49	49	51	47	48	49	50	52	51	52
Total Direct Man-Hours	1,055	1,375	1,402	1,362	1,425	1,420	1,420	1,394	1,327	1,312	1,285	1,284	1,262
Aver. Hrs. per Direct Worker in Month	208	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Workers	5,070	6,707	6,839	6,644	6,951	6,927	6,927	6,800	6,473	6,400	6,268	6,263	6,156
Total Net Employees	12,366	13,951	14,020	13,620	13,902	13,854	13,854	13,600	12,946	12,800	12,536	12,526	12,312
	NOV.												
Model 18 Direct Man-Hours	391	417	333	348	334	350	342	341	350	334	349	337	315
A-26B (Wing) Direct Man-Hours	657	899	952	1,018	1.007	1,008	992	930	880	862	846	833	818
All Other Direct Man-Hours	40	45	49	49	51	47	48	49	50	52	51	52	52
Total Direct Man-Hours	1,088	1,361	1,334	1,415	1,392	1,405	1,382	1,320	1,280	1,248	1,246	1,222	1,185
Aver. Hrs. per Direct Worker in Month	206	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Workers	5,271	6,639	6,507	6,902	6,790	6,854	6,741	6,439	6,244	6,088	6,078	5,961	5,780
Total Net Employees	12,696	13,610	13,339	13,804	13,580	13,708	13,482	12,878	12,488	12,176	12,156	11,922	11,560
	DEC.												
Model 18 Direct Man-Hours	352	333	348	334	350	342	341	350	334	349	337	315	242
A-26B (Wing) Direct Man-Hours	710	952	1,018	1,007	1,008	992	930	880	862	846	833	818	803
All Other Direct Man-Hours	36	49	49	51	47	48	49	50	52	51	52	52	52
Total Direct Man-Hours	1,098	1,334	1,415	1,392	1,405	1,382	1,320	1 280	1,248	1,246	1,222	1,185	1,097
Aver. Hrs. per Direct Worker in Month	200	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Workers	5,490	6,507	6,902	6,790	6,854	6,741	6,439	6,244	6,088	6,078	5,961	5,780	5,351
Total Net Employees	13,231	13,339	13,804	13,580	13,708	13,482	12,878	12,488	12,176	12,156	11,922	11,560	10,702
	1945 JAN.												
Model 18 Direct Man-Hours	278	320	308	325	330	409	426	404	425	425	490	519	481
A-26B (Wing) Direct Man-Hours	855	803	779	778	703	610	561	526	492	461	424	409	398
All Other Direct Man-Hours	45	41	46	44	47	49	51	51	51	51	51	51	51
Total Direct Man-Hours	1,178	1,164	1,133	1,147	1,080	1,068	1,038	981	988	937	965	979	930
Aver. Hrs. per Direct Worker in Month	203	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Worker	5,789	5,678	5,527	5,595	5,268	5,210	5,063	4 785	4,722	4,571	4,707	4,776	4,537
Total Net Employees	13,613	12,605	12,270	12,421	11,695	11,566	11 240	10,623	10,483	10,148	10,449	10,603	10,072
	FEB.												
Model 18 Direct Man-Hours	251	308	325	330	409	426	404	425	425	490	519	481	503
A-26B (Wing) Direct Man-Hours	647	776	822	813	756	706	660	614	572	539	521	508	496
All Other Direct Man-Hours	34	46	44	47	44	51	51	51	51	51	51	51	51
Total Direct Man-Hours	932	1,130	1,191	1,190	1 209	1,183	1,115	1,090	1,048	1,080	1,091	1,040	1 050
Aver. Hrs. per Direct Worker in Month	169	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Worker	5,531	5,512	5,810	5,805	5 898	5,771	5 439	5,317	5,112	5,268	5,322	5,073	5,122
Total Net Employees	13,136	12,237	12,808	12,887	13,094	12 812	12,075	11 804	11,349	11,695	11,815	11,262	11 371
	MAR.												
Model 18 Direct Man-Hours	278	325	330	409	426	404	425	425	490	519	481	503	507
A-26B (Wing) Direct Man-Hours	650	771	807	708	739	724	664	645	582	542	543	498	514
All Other Direct Man-Hours	42	41	41	41	45	49	51	51	51	51	51	51	51

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BEECH, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAR												
Total Direct Man-Hours	970	1,137	1,178	1,218	1,210	1,177	1,140	1,121	1,123	1,112	1,075	1,052	1,072
Aver. Hrs. per Direct Worker in Month	202	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Worker	4,813	5,546	5,746	5,941	5,902	5,741	5,561	5,468	5,478	5,424	5,244	5,132	5,229
Total Net Employees	12,182	12,312	12,756	13,189	13,102	12,745	12,345	12,139	12,161	12,041	11,642	11,393	11,608
	APR.												
Model 18 Direct Man-Hours	265	330	409	427	405	426	424	485	491	490	488	487	483
A-26B Wing Direct Man-Hours	620	698	648	593	572	504	494	419	348	285	270	279	275
All Other Direct Man-Hours	32	43	41	45	49	51	51	51	51	51	51	51	51
Total Direct Man-Hours	917	1,071	1,098	1,065	1,026	981	969	955	890	826	809	817	809
Aver. Hrs. per Direct Worker in Month	194	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Worker	4,721	5,224	5,356	5,195	5,005	4,785	4,727	4,659	4,341	4,029	3,946	3,985	3,946
Total Net Employees	11,950	11,597	11,890	11,533	11,111	10,623	10,494	10,343	9,637	8,944	8,760	8,847	8,760
	MAY												
Model 18 Direct Man-Hours	304	303	309	281	214	194	181	106	97	97	97	96	94
A-26B Wing Direct Man-Hours	673	525	418	181	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	39	43	50	58	65	70	75	80	80	80	80	80	80
Total Direct Man-Hours	1,016	873	777	520	279	264	256	186	177	177	177	176	174
Aver. Hrs. per Direct Worker in Month	223	205	205	195	195	195	195	195	195	195	195	195	195
Net Direct Worker	4,558	4,259	3,790	2,667	1,431	1,354	1,313	954	908	908	908	903	892
Total Net Employees	11,263	10,648	9,475	7,628	4,770	4,513	4,376	3,180	3,026	3,026	3,026	3,010	2,973
	JUNE												
Model 18 Direct Man-Hours	286	309	281	214	194	181	106	97	97	97	96	94	81
A-26B Wing Direct Man-Hours	389	418	181	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	43	53	73	159	168	168	158	88	80	80	80	80	80
Total Direct Man-Hours	718	780	535	373	362	349	264	185	177	177	176	174	161
Aver. Hrs. per Direct Worker in Month	190	205	195	195	195	195	195	195	195	195	195	195	195
Net Direct Worker	3,774	3,805	2,744	1,913	1,856	1,790	1,354	949	908	908	903	892	826
Total Net Employees	9,514	9,513	7,848	6,370	6,180	5,961	4,509	3,160	3,026	3,026	3,010	2,973	2,753

BELL, MARIETTA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
B-29 Direct Man-Hours	10	32	131	216	316	442	592	758	967	1,219	1,598	2,106	2,541
All Other Man-Hours	4	22	57	95	140	196	262	336	430	541	710	936	1,130
Total Direct Man-Hours	14	74	188	311	456	638	854	1,094	1,397	1,760	2,301[3]	3,042	3,671
Aver. Hrs. per Direct Worker in Month	196	210	210	210	210	210	210	210	210	210	210	210	210
Net Direct Worker	226	250	627	1,031	1,506	2,109	2,821	3,610	4,608	5,806	7,611	10,032	12,100
Total Net Employees	1,494	1,950	2,539	3,140	3,856	4,624	5,721	6,960	8,469	10,119	12,414	15,442	18,252
	MAR.												
B-29 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	369	627	1,031	1,506	2,109	2,821	3,350	4,608	5,806	7,611	10,032	12,100	14,019
Total Employees	3,080	3,352	3,756	4,231	4,834	5,721	6,750	8,408	10,106	12,411	15,432	18,200	21,019
	APR.												
B-29 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,119	2,000	2,500	3,000	3,700	4,600	5,600	7,000	8,350	9,750	10,100	12,100	14,100
Total Employees	5,050	5,931	6,431	6,931	7,630	8,531	9,531	11,300	13,150	15,150	16,200	19,100	22,500
	MAY												
B-29 Direct Man-Hours	258	272	382	507	652	848	1,045	1,357	1,777	2,091	2,618	2,807	3,198
All Other Direct Man-Hours	41	48	67	89	115	150	184	239	314	369	462	495	564
Total Direct Man-Hours	299	320	449	596	767	998	1,230[3]	1,596	2,090[3]	2,460	3,080	3,302	3,762
Aver. Hrs. per Direct Worker in Month	215	214	214	213	213	217	212	210	209	205	220	209	220
Direct Workers	1,390	1,500	2,100	2,800	3,600	4,600	5,800	7,000	10,000	12,000	14,000	15,800	17,100
Total Employees	6,400	6,500	7,100	7,800	8,600	9,600	10,800	12,600	15,400	18,100	21,000	24,200	25,800
	JUNE												
B-29 Direct Man-Hours	221	252	307	652	848	1,045	1,357	1,777	2,091	2,618	2,807	3,198	3,277
All Other Direct Man-Hours	39	67	89	115	150	184	239	314	369	462	495	564	578
Total Direct Man-Hours	260	319	396	767	998	1,230[3]	1,596	2,090[3]	2,460	3,080	3,302	3,762	3,855
Aver. Hrs. per Direct Worker in Month	215	214	213	213	217	212	210	209	205	220	209	226	215
Direct Workers	1,270	2,100	2,800	3,800	4,800	5,800	7,600	10,000	12,000	14,000	15,800	17,100	18,100
Total Employees	6,311	7,100	7,800	8,600	9,600	10,800	12,600	15,400	18,100	21,000	24,200	25,800	27,550

BELL, MARIETTA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
B-29 Direct Man-Hours	207	263	413	541	620	841	935	1,071	1,366	1,499	1,798	1,812	1,844
All Other Direct Man-Hours	37	46	73	95	109	148	165	189	241	265	317	320	325
Total Direct Man-Hours	244	309	486	636	729	989	1,103	1,260	1,610	1,764	2,115	2,132	2,169
Aver. Hrs. per Direct Worker in Month	194	187	187	187	187	194	187	180	194	180	194	187	187
Direct Workers	1,258	1,650	2,600	3,400	3,900	5,100	5,900	7,000	8,300	9,800	10,900	11,400	11,600
Total Employees	6,845	8,250	10,300	12,000	13,400	15,600	17,600	19,800	22,100	24,800	26,500	27,500	27,900
	AUG.												
B-29 Direct Man-Hours	224	387	490	598	757	869	982	1,247	1,363	1,626	1,633	1,664	1,735
All Other Direct Man-Hours	40	68	86	105	134	153	173	220	240	287	288	294	306
Total Direct Man-Hours	264	455	576	703	891	1,022	1,155	1,467	1,603	1,913	1,921	1,958	2,041
Aver. Hrs. per Direct Worker in Month	189	189	189	189	197	189	182	197	182	197	189	189	197
Direct Workers	1,381	2,406	3,050	3,722	4,525	5,407	6,345	7,446	8,806	9,712	10,166	10,360	10,360
Total Employees	7,878	11,016	12,710	14,448	16,389	18,350	20,400	22,600	25,100	26,800	27,600	28,000	28,000
	SEPT.												
B-29 Direct Man-Hours	302	463	712	1,000	1,207	1,401	1,775	1,881	2,294	2,452	2,702	2,945	2,827
All Other Direct Man-Hours	24	38	58	81	98	114	144	152	186	199	219	239	229
Total Direct Man-Hours	326	501	770	1,081	1,305	1,515	1,919	2,033	2,480	2,651	2,921	3,184	3,056
Aver. Hrs. per Direct Worker in Month	197	191	191	199	191	184	199	184	199	191	191	199	191
Direct Workers	1,655	2,625	4,029	5,432	6,833	8,235	9,641	11,050	12,463	13,879	15,294	16,000	16,000
Total Employees	8,857	10,029	11,908	13,847	15,708	17,500	19,307	21,142	22,971	24,795	26,622	27,534	27,534
	OCT.												
B-29 Direct Man-Hours	424	712	1,000	1,207	1,401	1,775	1,881	2,294	2,542	2,702	2,945	2,827	2,827
All Other Direct Man-Hours	34	58	81	98	114	144	152	186	199	219	239	229	229
Total Direct Man-Hours	458	770	1,081	1,305	1,515	1,919	2,033	2,480	2,651	2,921	3,184	3,056	3,056
Aver. Hrs. per Direct Worker in Month	193	191	199	191	184	199	184	199	191	191	199	191	191
Direct Workers	2,377	4,029	5,432	6,833	8,235	9,641	11,050	12,463	13,879	15,294	16,000	16,000	16,000
Total Employees	10,321	11,908	13,847	15,708	17,500	19,307	21,142	22,971	24,795	26,622	27,534	27,534	27,534
	NOV.												
B-29 Direct Man-Hours	644	1,216	1,398	1,596	2,041	2,226	2,736	2,824	2,926	3,078	2,954	2,954	2,954
All Other Direct Man-Hours	30	48	54	60	73	79	95	98	101	106	102	102	102
Total Direct Man-Hours	674	1,264	1,452	1,656	2,114	2,305	2,831	2,922	3,027	3,184	3,056	3,056	3,056
Aver. Hrs. per Direct Worker in Month	192	199	191	184	199	184	199	191	191	199	191	191	191
Direct Workers	3,510	6,350	7,600	9,000	10,625	12,525	14,225	15,300	15,850	16,000	16,000	16,000	16,000
Total Employees	12,358	14,700	16,625	18,675	20,925	23,400	25,550	26,950	27,750	28,000	28,000	28,000	28,000
	DEC.												
B-29 Direct Man-Hours	875	1,383	1,579	2,020	2,202	2,708	2,795	2,896	3,047	2,923	2,923	2,923	2,923
All Other Direct Man-Hours	37	53	59	73	78	94	97	100	105	101	101	101	101
Total Direct Man-Hours	912	1,436	1,638	2,093	2,280	2,802	2,892	2,996	3,152	3,024	3,024	3,024	3,024
Aver. Hrs. per Direct Worker in Month	190	189	182	197	182	197	189	189	197	189	189	189	189
Direct Workers	4,800	7,600	9,000	10,625	12,525	14,225	15,300	15,850	16,000	16,000	16,000	16,000	16,000
Total Employees	16,102	16,625	18,675	20,925	23,400	25,550	26,950	27,750	28,000	28,000	28,000	28,000	28,000
	1944 JAN.												
B-29 Direct Man-Hours	1,089	1,579	2,020	2,202	2,708	2,795	2,896	3,047	2,923	2,923	2,923	2,923	3,047
All Other Direct Man-Hours	44	59	73	78	94	97	100	105	101	101	101	101	105
Total Direct Man-Hours	1,133	1,638	2,093	2,280	2,802	2,892	2,996	3,152	3,024	3,024	3,024	3,024	3,152
Aver. Hrs. per Direct Worker in Month	192	182	197	182	197	189	189	197	189	189	189	189	197
Direct Workers	5,880	9,000	10,625	12,525	14,225	15,300	15,850	16,000	16,000	16,000	16,000	16,000	16,000
Total Employees	18,473	18,675	20,925	23,400	25,550	26,950	27,750	28,000	28,000	28,000	28,000	28,000	28,000
	FEB.												
B-29 Direct Man-Hours	1,227	1,786	1,897	2,092	1,842	1,677	1,710	1,640	1,640	1,640	1,640	1,710	1,518
All Other Direct Man-Hours	48	66	69	75	67	62	63	61	61	61	61	63	57
Total Direct Man-Hours	1,275	1,852	1,966	2,167	1,909	1,739	1,773	1,701	1,701	1,701	1,701	1,773	1,575
Aver. Hrs. per Direct Worker in Month	182	197	182	197	189	189	197	189	189	189	189	197	175
Direct Workers	7,001	9,400	10,800	11,000	10,100	9,200	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Total Employees	19,914[3]	20,900	21,300	20,500	17,700	16,100	15,750	15,750	15,750	15,750	15,750	15,750	15,750
	MAR.												
B-29 Direct Man-Hours	1,500	2,391	2,515	2,601	2,773	2,797	2,797	2,797	2,797	2,797	2,797	2,797	2,797
All Other Direct Man-Hours	56	84	88	90	96	97	97	97	97	97	97	97	97
Total Direct Man-Hours	1,556	2,475	2,603	2,691	2,869	2,894	2,894	2,894	2,894	2,894	2,894	2,894	2,894
Aver. Hrs. per Direct Worker in Month	197	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	7,901	13,027	13,701	14,162	15,115	15,231	15,231	15,231	15,231	15,231	15,231	15,231	15,231
Total Employees	20,571[3]	24,477	25,161	25,642	26,503	26,721	26,721	26,721	26,721	26,721	26,721	26,721	26,721

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BELL, MARIETTA (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
B-29 Direct Man-Hours	1,501	2,407	2,511	2,511	2,385	2,239	2,133	2,050	1,986	—	—	—	—
All Other Direct Man-Hours	56	84	88	88	84	79	76	73	72	—	—	—	—
Total Direct Man-Hours	1,557	2,491	2,599	2,599	2,469	2,318	2,209	2,123	2,058	—	—	—	—
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	—	—	—	—
Direct Workers	8,215	13,110	13,680	13,680	12,996	12,198	11,628	11,172	10,830	—	—	—	—
Total Employees	20,357	23,000	24,000	24,000	22,800	21,400	20,400	19,600	19,000	—	—	—	—
	MAY												
B-29 Direct Man-Hours	1,641	1,875	1,954	2,010	1,888	1,895	1,894	1,871	1,910	1,669	1,878	1,731	1,867
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	1,651	1,885	1,964	2,020	1,898	1,905	1,904	1,881	1,920	1,679	1,888	1,741	1,877
Aver. Hrs. per Direct Worker in Month	199	191	191	199	191	191	191	199	176	199	184	199	
Net Direct Employment	8,310	9,870	10,281	10,151	9,936	9,976	9,967	9,847	9,646	9,540	9,487	9,461	9,434
Total Net Employment	20,678	23,500	23,367	22,068	20,701	19,952	19,168	18,580	18,200	18,000	17,900	17,850	17,800
	JUNE												
B-29 Direct Man-Hours	1,606	2,487	2,437	2,249	2,101	2,060	2,060	2,060	2,060	2,060	2,060	2,060	2,060
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	1,616	2,497	2,447	2,259	2,111	2,070	2,070	2,070	2,070	2,070	2,070	2,070	2,070
Aver. Hrs. per Direct Worker in Month	194	191	191	191	191	191	191	191	191	191	191	191	191
Net Direct Employment	8,356	3,073	12,812	11,827	11,052	10,838	10,838	10,838	10,838	10,838	10,838	10,838	10,838
Total Net Employment	21,704	24,667	23,678	22,601	21,952	21,168	20,580	20,200	20,000	19,900	19,850	19,800	19,775
	JULY												
B-29 Direct Man-Hours	1,847	3,044	2,896	2,774	2,679	2,604	2,536	2,475	2,416	2,331	2,323	2,282	2,243
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	1,857	3,054	2,906	2,784	2,689	2,614	2,546	2,485	2,426	2,341	2,333	2,292	2,253
Aver. Hrs. per Direct Worker in Month	211	189	189	189	189	189	189	189	189	189	189	189	189
Net Direct Employment	8,792	16,159	15,376	14,730	14,228	13,831	13,471	13,148	12,836	12,386	12,344	12,127	11,921
Total Net Employment	22,579	28,059	26,876	25,230	24,228	23,431	22,971	22,648	22,336	21,886	21,844	21,627	21,421
	AUG.												
B-29 Direct Man-Hours	1,878	2,896	2,774	2,679	2,604	2,531	2,389	2,271	2,246	2,225	2,206	2 206	2,185
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	1,888	2,731[7]	2,948[7]	2,825[7]	2,724[7]	2,541	2,399	2,281	2,256	2,235	2,216	2,216	2,195
Aver. Hrs. per Direct Worker in Month	182	194	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	10,635	14,077	14,173	13,582	13,096	12,216	11,534	10,966	10,846	10,745	10,654	10,654	10,553
Total Net Employment	22,905	25,278	24,400	23,326	22,448	21,472	20,496	19,910	19,618	19,520	19,422	19,325	19,227
	SEPT.												
B-29 Direct Man-Hours	2,045	2,774	2,679	2,604	2,531	2,389	2,271	2,246	2,225	2,206	2,206	2,185	2,179
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	2,055	2,948[7]	2,825[7]	2,724[7]	2,541	2,399	2,281	2,256	2,235	2,216	2,216	2,195	2,189
Aver. Hrs. per Direct Worker in Month	197	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	10,455	14,173	13,582	13,096	12,216	11,334	10,966	10,846	10,745	10,654	10,654	10,553	10,524
Total Net Employment	22,630	24,400	23,326	22,448	21,472	20,496	19,910	19,618	19,520	19,422	19,325	19,227	19,178
	OCT.												
B-29 Direct Man-Hours	2 237	3,000	3,149	3,243	3,271	3,203	3,017	2,979	2,968	2,974	2,957	2,878	2,798
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	2 247	3,010	3,159	3,253	3,281	3,213	3,027	2,986	2,978	2,984	2,967	2,888	2,808
Aver. Hrs. per Direct Worker in Month	214	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	10 478	15,800	16,600	17,100	17,300	16,900	15,900	15,700	15,700	15,700	15,700	15,200	14,800
Total Net Employment	22 433	28 100	29,500	30,300	30,700	30,700	29,000	28,600	28,600	28,600	28,600	27,600	26,400
	NOV.												
B-29 Direct Man-Hours	2 342	3,149	3,243	3,271	3,203	3,017	2,976	2,968	2,974	2,957	2,878	2,798	2,720
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	2 352	3,159	3,253	3,281	3,213	3,027	2 986	2,978	2,084	2,967	2,888	2,808	2,730
Aver. Hrs. per Direct Worker in Month	211	208	208	208	"	"	"	"	"	"	190	190	190
Net Direct Employment	11 150	15,200	15,600	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,200	14,800	14,400
Total Net Employment	23 457	27,600	28,400	28,700	28,700	28,700	28,700	28,700	28,700	28,700	27,600	26,900	26,200
	DEC.												
B-29 Direct Man-Hours (Revised)	2 420	3 243	3 271	3 203	3,027	2,976	2,968	2,974	2,957	2,878	2,798	2,720	2,044
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	2 430	3 253	3,281	3,213	3,027	2,986	2,978	2,984	2,967	2,888	2,808	2,730	2,054
Aver. Hrs. per Direct Worker in Month	194	208	208	"	"	"	"	"	"	190	190	190	190
Net Direct Employment	12 002	15,600	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,200	14,800	14,400	14,000
Total Net Employment	24 400	28 400	28,700	28,700	28,700	28,700	28,700	28,700	28,700	27,600	26,900	26,200	25,500

BELL, MARIETTA (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
B-29 Direct Man-Hours	2 832	3 271	3,203	3,017	2,976	2 968	2 974	2 [illegible]	[illegible]	2 878	2 798	2 720	2 044	2,570
All Other Direct Man-Hours	28	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	2,880	3,281	3,213	3,027	2,986	2,978	2,984	2,967	2,888	2,808	2,730	2,654	2,580	
Aver. Hrs. per Direct Worker in Month	222	208	"	"	"	"	"	"	"	"	190	190	190	190
Net Direct Employment	12,990	15 800	15,800	15 800	15,800	15,800	15 800	15 [illegible]	[illegible]	15 200	14,800	14 400	14 000	13 600
Total Net Employment	25,977	28,700	28,700	28 700	28,700	28,700	28,700	28 [illegible]	[illegible]	27 600	26 900	26 200	25 500	24 700
	FEB.												
B-29 Direct Man-Hours	2,589	3,203	3,017	2,976	2,968	2,974	2 937	2 878	2 798	2 720	2 644	2 570	2 490	
All Other Direct Man-Hours	40	10	10	10	10	10	10	10	10	10	10	10	10	
Total Direct Man-Hours	2,628	3,213	3,027	2,986	2,978	2,984	2,967	2,888	2,808	2,730	2,654	2,580	2 503	
Aver. Hrs. per Direct Worker in Month	191	"	"	"	"	"	"	"	190	190	190	190	190	
Net Direct Employment	13,769	15,800	15,800	15,800	15,800	15,800	15,800	15 200	14,800	14,400	14 000	13 600	13 200	
Total Net Employment	27,037	28,700	28,700	28,700	28,700	28,700	28,700	27 000	26 900	26 200	25,500	24 700	24 000	
	MAR.												
B-29 Direct Man-Hours	2,805	3,308	3,172	3 292	3 224	3,180	3,102	3,027	2 961	2 903	2 840	2,796	2 719	
All Other Direct Man-Hours	24	18	18	18	18	18	18	18	18	18	18	18	18	
Total Direct Man-Hours	2,829	3,326	3,190	3,310	3 242	3 198	3 120	3 045	2 979	2,921	2,867	2 814	2 737	
Aver. Hrs. per Direct Worker in Month	202	208	200	200	"	"	"	"	"	190	190	190	190	190
Net Direct Employment	13,978	16,000	16 000	16 500	16 500	16,500	16,500	16 000	15 700	15,400	15,100	14 800	14 400	
Total Net Employment	26,606	29,000	29,100	29 900	29,900	29,900	29,900	29,100	28,500	28 000	27 400	26 900	26 200	
	APR.												
B-29 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—	
Net Direct Employment	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total Net Employment	—	—	—	—	—	—	—	—	—	—	—	—	—	
	MAY												
B-29 Direct Man-Hours	2,849	2,589	2,515	2,444	2 381	2 324	2,275	2 228	2 186	2,147	2,109	2 073	2 039	
All Other Direct Man-Hours	16	102	15	15	15	15	15	15	15	15	15	15	15	
Total Direct Man-Hours	2,865	2,691	2,530	2,459	2,396	2,339	2 288	2,243	2 201	2 162	2 124	2 088	2 054	
Aver. Hrs. per Direct Worker in Month	209	194	182	180	180	180	180	180	180	180	180	180	180	
Net Direct Employment	13,697	13,870	13,900	13,660	13,310	12,990	12,710	12,460	12 230	12 010	11,800	11 600	11 410	
Total Net Employment	26,463	26,580	26,610	26,370	26 020	25,700	25 420	24 970	24 550	24,230	23 830	23 530	23,150	
	JUNE												
B-29 Direct Man-Hours	2,354	2,515	2,444	2,381	2 324	2,273	2 228	2 186	2 147	2 109	2 073	2 039	2 007	
All Other Direct Man-Hours	22	15	15	15	15	15	15	15	15	15	15	15	15	
Total Direct Man-Hours	2,376	2 530	2,459	2,396	2 339	2,288	2 243	2 201	2 162	2 124	2,088	2 054	2 022	
Aver. Hrs. per Direct Worker in Month	180	182	180	180	180	180	180	180	180	180	180	180	180	
Net Direct Employment	13,186	13,900	13,660	13,310	12 990	12,710	12,460	12 230	12 010	11 800	11 600	11 410	11 233	
Total Net Employment	26,298	26 610	26,370	26 020	25 700	25 420	24 970	24,550	24 230	23 830	23 530	23 150	22 800	

BELL, BUFFALO

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.[2]												
P-39 Direct Man-Hours	1,993	—	—	—	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	373	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,367	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	175	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	13 500	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	26,184	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.[2]												
P-39 Direct Man-Hours	1,910	—	—	—	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	360	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,273	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	165	—	—	—	—	—	—	—	—	—	—	—	—
Direct Worker	13,749	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	27 210	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
P-39 Direct Man-Hours	2,286	3 200	3 100	3 000	3 000	2 450	2 150	2 140	2 140	2 100	2 [illegible]	[illegible]	[illegible]	[illegible]
P-63A Direct Man-Hours	7	20	550	900	1 000	1 000	1 300	1 [illegible]	[illegible]	2 400	[illegible]	[illegible]	[illegible]	[illegible]
All Other Direct Man-Hours	409	406	413	424	433	445	450	465	470	470	470	470	470	470
Total Direct Man-Hours	2,702	3 626	4 063	4 324	4 433	[illegible]	[illegible]	4 135	4 130	4 970	4 [illegible]	4,820	4 795	

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BELL, BUFFALO (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
1943													
MAR.													
Aver Hrs per Direct Worker in Month	146	168	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	14 622	21 962	23 373	23,973	21 243	21,108	22,451	22,432	26,865	27,000	26,054	25,919	25,919
Total Employment	28 487	27 [illegible]	27 [illegible]	29 473	27,013	27 208	28 731	29 032	43 665	44,000	43,154	43,119	43,119
APR.													
P-39Q Direct Man-Hours	2 264	2 [illegible]	2 925	2 893	2,359	2 061	2 059	2 059	2 002	1,716	946	246	—
P-63A Direct Man-Hours	13	557	900	1 000	1,035	1,300	1,330	1,550	2 400	2,750	3,350	4,300	4,450
All Other Direct Man-Hours	393	397	405	415	425	435	445	455	460	460	460	460	460
Total Direct Man-Hours	2 670	2 975	4,230	4,308	3,819	3,816	4,034	4,064	4,862	4,926	4,756	5,006	4,910
Aver Hrs per Direct Worker in Month	172	172	172	172	172	172	172	172	172	172	172	172	172
Direct Workers	15,524	23,110	24 593	25,047	22,203	22,186	23,453	23,628	28,267	28,640	27,651	29,105	28,547
Total Employment	30,082	37 810	39 693	40,547	38,003	38,286	39,853	40 228	45,067	45,640	44,751	46,305	45,847
MAY													
P-39Q Direct Man-Hours	2,160	2,475	2,475	2,281	2,205	2,003	1 957	1,733	1,485	815	212	—	—
P-63A Direct Man-Hours	72	500	750	1,000	1,400	1,700	2,000	2,300	2,600	3,350	3,700	3,870	3,950
All Other Direct Man-Hours	349	310	310	310	310	310	310	310	310	310	310	310	310
Total Direct Man-Hours	2,581	3 285	3,535	3,591	3,915	4,013	4,267	4,343	4,395	4,475	4,222	4,180	4,260
Aver Hrs per Direct Worker in Month	155	170	180	180	185	185	185	185	185	185	185	185	185
Direct Workers	16,694	19,324	19,639	19,950	21,162	21,692	23,065	23,476	23,757	24,189	22,822	22,595	23,027
Total Employment	31,358	34 124	34,639	35,150	36,562	37,292	38,865	39,376	39,757	40,289	39,022	38,895	39,427
JUNE													
P-39Q Direct Man-Hours	2,157	2,358	2,181	2,109	1,929	1,883	1,680	1,455	800	200	—	—	—
P-63A Direct Man-Hours	100	252	388	589	856	1,150	1,450	1,615	2,120	2,600	2,750	2,750	2,750
All Other Direct Man-Hours	310	295	295	295	295	295	295	295	295	295	295	295	295
Total Direct Man-Hours	2,567	2,905	2,864	2,993	3,080	3,328	3,425	3,365	3,215	3,095	3,045	3,045	3,045
Aver Hrs per Direct Worker in Month	153	155	160	165	170	175	175	175	175	175	175	175	175
Direct Workers	16,808	18 742	17 900	18,139	18,118	19,017	19,571	19,229	18,371	17,686	17,400	17,400	17,400
Total Employment	31,542	33,542	32 750	33,039	33,068	34,017	34,571	34,229	33,371	32,686	32,400	32,400	32,400
JULY													
P-39Q Direct Man-Hours	2,032	2 580	2,374	2,052	2,001	1,771	1,518	837	216	—	—	—	—
P-63A Direct Man-Hours	130	448	660	920	1,238	1,488	1,650	1,980	2,200	2,574	2,508	2,442	2,442
All Other Direct Man-Hours	261	185	184	258	182	181	180	208	236	248	260	275	275
Total Direct Man-Hours	2,423	3 213	3,218	3,230	3,421	3,440	3,348	3,025	2,652	2,822	2,768	2,717	2,717
Aver Hrs per Direct Worker in Month	148	149	150	151	152	153	154	155	156	157	158	159	159
Direct Workers	16,370	21,564	21,453	21,390	22,507	22,484	21,740	19,516	17,000	17,975	17,519	17,025	17,025
Total Employees	31,517	36 564	36,428	36,365	37,482	37,459	36,715	34,491	31,975	32,950	32,494	32,000	32,000
AUG.													
P-39Q Direct Man-Hours	1,958	1,933	2,203	1,871	1,658	1,421	782	189	—	—	—	—	—
P-63A Direct Man-Hours	156	237	261	1,342	1,861	1,932	1,667	1,775	2,288	2,841	2,745	3,176	2,757
All Other Direct Man-Hours	243	193	266	189	187	185	208	236	248	260	275	275	275
Total Direct Man-Hours	2,357	2,363	2,730	3,402	3,706	3,538	2,657	2,200	2,536	3,101	3,020	3,451	3,032
Aver Hrs per Direct Worker in Month	165	165	165	165	165	165	165	165	165	165	165	165	165
Direct Workers	14 315	14 321	16,545	20,618	22,461	21,442	16,103	13,333	15,370	18,794	18,303	20,915	18,376
Total Employees	31,061	31 071	33,295	37,368	39,211	38,192	32,853	30,083	32,120	35,544	35,053	37,665	35,126
SEPT.													
P-39Q Direct Man-Hours	1 719	1 683	1 515	1,238	908	748	173	—	—	—	—	—	—
P-63A Direct Man-Hours	185	625	1 191	1,356	1,534	1,923	2 312	2 526	2 460	2,390	2,342	2,296	2,250
All Other Direct Man-Hours	407	385	420	442	390	401	404	381	384	367	358	347	338
Total Direct Man-Hours	2,311	2 693	3,126	3,036	2,832	3,072	2 889	2,907	2,844	2,757	2,700	2,643	2,588
Aver Hrs per Direct Worker in Month	165	165	166	167	168	169	170	170	170	170	170	170	170
Direct Workers	13 991	16 321	18 831	18,180	16 857	18,178	16 994	17,100	16,729	16,218	15,882	15,547	15,224
Total Employment	30 504	32 953	35,714	34 998	33,543	34 996	33,693	33,810	33,402	32,840	32,470	32,102	31 746
OCT.													
P-39Q Direct Man-Hours	1 604	—	—	—	—	—	—	—	—	—	—	—	—
P-63A Direct Man-Hours	224	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	633	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,461	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	172	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	13,738	15 641	15 500	13 250	13 000	12,750	12 250	12 000	12 000	12 000	12 000	12 000	12 000
Total Employment	29 780	31 [illegible]	28 400	27 500	26 [illegible]	25 500	24 500	24 000	24 000	24 000	24 000	24 000	24 000
NOV.													
P-39Q Direct Man-Hours	1 432	1 318	1 012	541	349	243	110	71	—	—	—	—	—
P-63A Direct Man-Hours	262	800	600	1 000	1 017	1 066	1 140	1,170	1,180	1 136	1,080	1 025	1 000
P-59A Direct Man-Hours	42	52	62	72	134	199	224	234	226	161	24	—	—
All Other Man-Hours	527	510	488	498	471	486	456	456	435	402	341	317	309
Total Direct Man-Hours	2 263	2 680	2 162	2,111	1 961	1,974	1,930	1,931	1,841	1,699	1,445	1,342	1,309

BELL, BUFFALO (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
1943													
NOV.													
Aver Hrs per Direct Worker in Month	173	173	173	173	173	173	173	173	173	173	173	173	173
Direct Workers	13,081	12 600	12 500	12 200	11,500	11,400	11 158	11 427	11 863	11 [illegible]	8 353	7 750	7 [illegible]
Total Employees	28 717	27 800	27 500	26 500	25,500	24 500	24 000	24 000	23,000	22 000	18 000	16 000	15 500
DEC.													
P-39Q Direct Man-Hours	1 165	1 138	1 069	887	711	586	338	264	97	—	—	—	—
P-63 Direct Man-Hours	357	512	558	705	827	900	1 064	1 050	1 396	1 145	1 274	1 234	1 294
P-59A Direct Man-Hours	73	51	93	117	128	154	194	232	200	234	172	95	—
All Other Direct Man-Hours	379	390	405	416	416	400	420	470	500	497	430	405	356
Total Direct Man-Hours	1,974	2,091	2 125	2,125	2,082	2,040	2,016	2,016	2 016	1,876	1 876	1 734	1 650
Aver Hrs per Direct Worker in Month[1]	155	170	170	170	170	170	168	168	168	170	170	170	168
Direct Workers	12,697	12,300	12 500	12,500	12,250	12,000	12 000	12,000	12 000	11,035	11 035	10 200	9 280
Total Employees	28,003	26,800	26,500	25,500	24,500	24,000	24,000	24,000	24,000	22 500	22,000	20,500	19 060
1944													
JAN.[2]													
P-39Q Direct Man-Hours	910	—	—	—	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	513	—	—	—	—	—	—	—	—	—	—	—	—
P-59A Direct Man-Hours	116	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	490	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,029	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	169	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	12,012	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	26,632	—	—	—	—	—	—	—	—	—	—	—	—
FEB.													
P-39Q Direct Man-Hours	913	772	612	455	302	84	—	—	—	—	—	—	—
P-63 Direct Man-Hours	490	1,110	1,200	1,250	1,320	1,400	1,420	1,462	1,500	1 425	1,325	1,275	1,200
P-59A Direct Man-Hours	137	162	390	430	638	858	667	576	525	—	—	—	—
All Other Direct Man-Hours	279	338	347	296	343	400	403	424	450	299	285	277	262
Total Direct Man-Hours	1,819	2,382	2,549	2,431	2,603	2,742	2,490	2,462	2,475	1,724	1,610	1,552	1 462
Aver Hrs per Direct Worker in Month	156	170	170	170	168	168	168	170	170	170	168	170	170
Direct Workers	11,683	14,012	14,994	14,300	15,494	16,321	14,821	14,482	14,559	10 141	9,583	9,129	8,600
Total Employees	25,822	28,024	29,988	28,600	30,988	32,642	29,642	28,964	29 118	20 282	19 166	18,258	17 200
MAR.													
P-39Q Direct Man-Hours	899	543	382	232	100	20	—	—	—	—	—	—	—
P-63 Direct Man-Hours	589	1,338	1,413	1,478	1,519	1,540	1,550	1,536	1,484	1 418	1,366	1,320	1,281
P-59A Direct Man-Hours	167	262	274	255	227	189	119	42	—	—	—	—	—
All Other Direct Man-Hours	311	415	375	335	296	275	265	260	250	245	235	230	225
Total Direct Man-Hours	1,966	2,558	2,444	2,300	2,142	2,024	1,934	1 838	1 734	1 663	1,601	1,550	1 506
Aver Hrs per Direct Worker in Month	164	166	168	168	168	168	170	170	170	168	170	168	170
Direct Workers	11,965	15,410	14,548	13,690	12,750	12,048	11,376	10,812	10,200	9 899	9 418	9 226	8 859
Total Employees	25,994	29,410	28,548	27,690	26,750	25,548	24,376	23 312	22 200	20 399	19,418	18,726	17 859
APR.													
P-39Q Direct Man-Hours	702	631	373	175	45	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	822	822-	1,117	1,229	1,320	1,391	1,439	1,459	1 439	1 412	1 395	1,392	1 424
P-59 Direct Man-Hours	145	321	379	468	510	487	442	241	28	—	—	—	—
All Other Direct Man-Hours	85	81	78	75	72	69	66	63	60	57	54	51	49
Total Direct Man-Hours	1,754	1,855	1,947	1,947	1,947	1,947	1,947	1 763	1 527	1 469	1 449	1 443	1 473
Aver Hrs per Direct Worker in Month	149	162	170	170	170	170	170	170	170	170	170	170	170
Direct Workers	11 787	11,453	11 453	11 453	11,453	11 453	11,453	10 671	8 982	8 641	8 524	8 488	8 665
Total Employees	25,844	25,525	25 525	25 525	25,525	25,525	25 525	23 114	20 [illegible]	18 278	18 097	18 017	19 311
MAY													
P-39Q Direct Man-Hours	640	446	156	45	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	932	936	931	925	903	854	813	776	744	720	713	680	672
P-59 Direct Man-Hours	145	143	367	530	395	324	168	13	—	—	—	—	—
All Other Direct Man-Hours	67	57	54	51	48	45	42	39	36	33	31	29	27
Total Direct Man-Hours	1784	1 582	1 508	1 551	1 346	1,223	1 018	828	780	753	744	713	699
Aver Hrs per Direct Worker in Month	187	180	182	187	180	182	180	175	172	172	187	175	187
Net Direct Employment	9 547	8,789	8 286	8,294	7 478	6 720	5 656	4 731	4 [illegible]	4 [illegible]	3 979	4 086	3 738
Total Net Employment	23,347	21 780	19,503	19 521	18 650	15 674	13 08[illegible]	11 [illegible]	[illegible]	9 [illegible]	10 016	9 674	9 426
JUNE													
P-39 Direct Man-Hours	353	45	20	—	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	387	1 080	1 001	957	893	849	[illegible]	[illegible]	[illegible]	741	709	706	677
P-59 Direct Man-Hours	149	261	181	387	429	477	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
All Other Direct Man-Hours	62	78	99	112	142	100	71	8	4	48	21	21	21
Total Direct Man-Hours	1 551	1 464	1 401	1 456	1 464	1,418	1 [illegible]	968	8[illegible]	[illegible]	730	727	698
Aver Hrs per Direct Worker in Month	175	179	184	178	179	178	174	184	1	184	177	184	178
Net Direct Employment	8,845	8 179	8 179	8 179	8 179	7,393	6 497	[illegible]	4 [illegible]	4 212	4 220	3 951	3 921
Total Net Employment	22 117	20 700	19,901	19,850	19,811	18 079	16 032	13 [illegible]	[illegible]	[illegible]	10 306	9 380	9 143

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BELL, BUFFALO (Cont'd.)

ITEM	Report Month	Forecast Months Reported in Report Month										
		1	2	3	4	5	6	7	8	9	10	11
1944 JULY												
P-63A, C - D Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
RP-63C - G Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
P-63E Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	1,333	1,152	1,076	1,060	1,044	1,038	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	190	180	176	186	187	190	188	188	188	188	188	188
Net Direct Employment	7,015	6,400	6,095	5,887	5,568	5,467	5,443	5,432	5,432	5,432	5,432	5,432
Total Net Employment	13,792	14,731	14,039	13,506	12,831	12,660	12,429	12,388	12,065	11,965	11,965	11,965
AUG.												
P-63A, C - D Direct Man-Hours	43	—	—	—	—	—	—	—	—	—	—	—
RP-63A, C - G Direct Man-Hours	47	47	47	282	217	57	6	—	—	—	—	—
P-63E Direct Man-Hours	1,134	946	1,074	1,213	1,038	864	764	768	744	750	730	726
All Other Direct Man-Hours	147	105	140	80	97	41	10	10	9	9	9	9
Total Direct Man-Hours	1,360	1,588	1,802	1,573	1,312	932	780	778	753	759	739	735
Aver Hrs per Direct Worker in Month	180	178	179	178	173	184	164	184	173	184	175	173
Net Direct Employment	8,111	8,921	9,367	8,837	7,584	5,065	4,756	4,228	4,352	4,125	4,223	4,249
Total Net Employment	20,785	20,679	20,790	18,467	15,917	10,735	10,160	9,062	9,354	9,106	9,306	9,427
SEPT.												
P-63A, C - D Direct Man-Hours	239	249	258	249	239	199	171	66	—	—	—	—
P-63E - F Direct Man-Hours	1,191	1,177	1,160	1,047	951	826	759	715	698	685	674	656
RP-63G Direct Man-Hours	150	152	121	99	58	26	18	16	14	12	10	8
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,580	1,578	1,539	1,395	1,248	1,051	948	797	712	697	684	664
Aver Hrs per Direct Worker in Month	193	179	178	173	184	164	184	173	184	178	179	184
Net Direct Employment	8,220	8,816	8,646	8,064	6,783	6,409	5,152	4,607	3,870	3,916	3,821	3,609
Total Net Employment	19,697	19,450	18,850	16,926	14,316	13,552	11,017	9,943	8,460	8,552	8,362	7,938
OCT.												
P-59 Direct Man-Hours	247	190	135	86	27	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1,267	1,251	1,052	953	823	771	725	723	713	696	693	679
All Other Direct Man-Hours	142	128	83	57	30	19	17	15	13	11	9	7
Total Direct Man-Hours	1,641	1,569	1,270	1,096	880	790	742	738	726	707	702	686
Aver Hrs per Direct Worker in Month	193	178	173	184	164	184	173	184	178	179	184	173
Net Direct Employment	8,509	8,787	7,334	5,957	5,366	4,294	4,289	4,011	4,079	3,950	3,815	3,965
Total Net Employment	19,469	18,363	14,810	11,892	10,696	8,586	8,578	8,022	8,158	7,900	7,630	7,920
NOV.												
P-59 Direct Man-Hours	185	137	86	27	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1,258	1,057	987	839	787	742	742	730	719	712	692	683
All Other Direct Man-Hours	108	119	94	34	21	20	19	18	18	18	18	18
Total Direct Man-Hours	1,551	1,313	1,167	900	808	762	761	748	737	730	710	701
Aver Hrs per Direct Worker in Month	182	173	184	194	184	173	184	178	179	184	173	184
Net Direct Employment	8,545	7,590	6,342	5,188	4,391	4,405	4,136	4,202	4,117	3,967	4,104	3,810
Total Net Employment	21,054	19,202	15,293	11,309	8,940	8,932	8,386	8,520	8,348	8,043	8,321	7,725
DEC.												
P-59 Direct Man-Hours	160	89	29	2	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1,206	1,248	1,022	935	865	846	831	816	802	786	778	765
All Other Direct Man-Hours	88	74	59	44	20	16	15	14	13	12	11	10
Total Direct Man-Hours	1,454	1,411	1,110	981	885	862	846	830	815	798	789	775
Aver Hrs per Direct Worker in Month	187	181	184	178	184	178	179	184	184	173	184	178
Net Direct Employment	8,111	7,340	6,268	5,332	4,670	4,685	4,753	4,687	4,429	4,613	4,288	4,354
Total Net Employment	21,078	17,747	14,957	11,784	10,307	10,354	10,404	10,248	9,788	10,195	9,476	9,622
1945 JAN.												
P-59 Direct Man-Hours	4	2	18	13	4	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1,211	1,211	1,206	1,060	1,033	1,174	1,151	1,166	1,126	1,097	960	843
All Other Direct Man-Hours	33	33	28	25	22	21	20	19	18	17	16	15
Total Direct Man-Hours	1,248	1,246	1,252	1,098	1,059	1,195	1,171	1,185	1,144	1,114	976	858
Aver Hrs per Direct Worker in Month	193	184	184	178	184	178	180	180	196	201	178	173
Net Direct Employment	8,220	8,816	8,646	8,064	6,783	6,409	5,152	4,607	3,870	3,916	3,821	3,609
Total Net Employment	19,697	19,450	18,850	16,926	14,316	13,552	11,017	9,943	8,460	8,552	8,362	7,938
FEB.												
P-59 Direct Man-Hours	1	1	—	—	—	—	—	—	—	—	—	—
P-63 Direct Man-Hours	1,113	1,113	1,113	1,008	1,008	1,008	1,053	1,063	1,029	1,015	883	877
All Other Direct Man-Hours	31	31	31	28	23	22	21	20	19	18	17	16
Total Direct Man-Hours	1,145	1,145	1,144	1,036	1,031	1,030	1,074	1,083	1,048	1,033	900	893
Aver Hrs per Direct Worker in Month	193	181	181	173	186	187	193	181	193	187	181	193
Net Direct Employment	8,111	7,340	6,268	5,332	4,670	4,685	4,753	4,687	4,429	4,613	4,288	4,354
Total Net Employment	21,078	17,747	14,957	11,784	10,307	10,354	10,404	10,248	9,788	10,195	9,476	9,622

BELL, BUFFALO (Cont'd.)

ITEM	Report Month	Forecast Months Reported in Report Month										
		1	2	3	4	5	6	7	8	9	10	11
1945 MAR.												
P-63A, C - D Direct Man-Hours	560	514	514	338	122	34	—	—	—	—	—	—
RP-63C - G Direct Man-Hours	201	7	7	269	304	294	274	8	8	8	8	8
P-63E Direct Man-Hours	139	143	283	408	537	524	18	18	14	17	70	14
All Other Direct Man-Hours	122	83	83	83	80	82	78	8	8	8	8	8
Total Direct Man-Hours	1,333	1,152	1,076	1,060	1,043	1,038	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	190	180	176	186	187	190	188	188	188	188	188	188
Net Direct Employment	7,015	6,400	6,095	5,887	5,568	5,467	5,443	5,432	5,432	5,432	5,432	5,432
Total Net Employment	13,792	14,731	14,039	13,506	12,831	12,660	12,429	12,388	12,065	11,965	11,965	11,965
APR.												
P-63A, C - D Direct Man-Hours	633	515	308	99	34	—	—	—	—	—	—	—
RP-63A, C - G Direct Man-Hours	90	23	49	70	154	210	296	307	305	264	190	105
P-63E Direct Man-Hours	266	369	506	487	691	577	525	438	385	373	334	385
All Other Direct Man-Hours	88	88	83	62	82	77	82	80	77	82	74	80
Total Direct Man-Hours	1,077	1,028	936	718[1]	941	864	906	825	767	719	673	570
Aver Hrs per Direct Worker in Month	175	188	181	141	188	176	188	181	176	188	188	183
Net Direct Employment	6,141	5,466	5,280	5,095	5,003	4,910	4,817	4,538	4,358	3,824	3,679	3,115
Total Net Employment	14,455	13,274	12,633	12,032	11,780	11,460	11,136	10,756	10,368	9,024	8,736	7,896
MAY[2]												
P-63A, C - D Direct Man-Hours	387	—	—	—	—	—	—	—	—	—	—	—
P-63E - F Direct Man-Hours	34	—	—	—	—	—	—	—	—	—	—	—
RP-63G Direct Man-Hours	70	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	461[3]	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	952	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	189	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	5,029	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	12,826	—	—	—	—	—	—	—	—	—	—	—
JUNE[2]												
P-63A, C - D Direct Man-Hours	42	—	—	—	—	—	—	—	—	—	—	—
P-63E - F Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—
RP-63G Direct Man-Hours	137	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	62	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	244	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	90	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	2,703	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	8,080	—	—	—	—	—	—	—	—	—	—	—

BELLANCA, NEWCASTLE PLANT No. 2

ITEM	Report Month	Forecast Months Reported in Report Month										
		1	2	3	4	5	6	7	8	9	10	11
1943 MAR.												
AT-21 Direct Man-Hours	0	12	25	36	62	84	108	136	136	186	211	211
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	0	12	25	36	62	84	108	136	136	186	211	211
Aver Hrs per Direct Worker in Month	0	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	0	50	100	150	250	350	450	550	650	780	850	950
Total Employees	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
APR.												
AT-21 Direct Man-Hours	0	25	50	62	84	108	136	136	136	211	211	211
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	0	25	50	62	84	108	136	136	136	211	211	211
Aver Hrs per Direct Worker in Month	0	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	0	100	150	250	350	450	550	650	750	850	950	1,050
Total Employees	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
MAY												
AT-21 Direct Man-Hours	7	10	41	52	74	92	122	136	136	186	211	211
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	7	10	41	52	74	92	122	136	136	186	211	211
Aver Hrs per Direct Worker in Month	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	34	50	100	250	350	450	550	650	750	850	950	1,050
Total Employees	294	306	433	521	629	747	857	953	1,053	1,153	1,253	1,353
JUNE												
AT-21 Direct Man-Hours	11	31	52	74	92	122	136	136	136	186	211	211
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	11	31	52	74	92	122	136	136	136	186	211	211
Aver Hrs per Direct Worker in Month	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	34	150	250	350	450	550	650	750	850	950	1,050	1,150
Total Employees	350	413	521	629	741	857	953	1,053	1,153	1,253	1,353	1,453

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BELLANCA, NEWCASTLE — PLANT No. 2 (Cont'd.)

Item	Report Month Actual	1	2	3	4	5	6	7	8	9	10	11	12
1943													
JULY													
AT-21 Direct Man-Hours	74	92	121	9	71	116	218	260	260	281	281		
All Other Direct Man-Hours	173	92	121	8	17	170	218	260	260	281	281		
Total Direct Man-Hours	214	208	208	208	208	208	208	208	208	208	208		
Aver. Hrs. per Direct Worker in Month	150	440	580	44	340	540	1,050	1,250	1,250	1,350	1,350		
Direct Workers	1,338	1,414	1,478	1,695	1,930	2,200	2,911	3,114	3,114	3,292	3,292		
Total Employees	2,618	2,706	2,830	2,947	3,482	3,454	3,454	3,454	3,454	3,454	3,454		
MAY	Plant #2												
AT-21 Direct Man-Hours	74	121	129	139	142	118	73	23					
All Other Direct Man-Hours	2	3	3	3									
Total Direct Man-Hours	76	124	132	142	142	118	73	23					
Aver. Hrs. per Direct Worker in Month	232	230	208	208	208	208	208	208					
Net Direct Employment	456	668	765	808	808	698	478	138					
Total Net Employment	1,113	1,340	1,435	1,480	1,280	1,000	550	210					
		Plants 1, 5 and 6											
All Other Direct Man-Hours	265	253	275	303	334	358	375	371	292	257	249	238	240
Total Direct Man-Hours	265	253	275	303	334	358	375	371	292	257	249	238	240
Aver. Hrs. per Direct Worker in Month	178	178	178	178	178	178	178	178	178	178	178	178	178
Net Direct Employment	908	889	1,006	1,141	1,301	1,412	1,472	1,459	1,089	915	869	837	841
Total Net Employment	1,441	1,422	1,546	1,701	1,876	2,012	2,105	2,084	1,639	1,445	1,400	1,337	1,341
JUNE													
AT-21BL Direct Man-Hours	92	120	139	142	118	73	23						
All Other Direct Man-Hours	138	189	212	238	262	278	264	196	165	156	151	151	151
Total Direct Man-Hours	230	319	351	380	380	351	287	196	165	156	151	151	151
Aver. Hrs. per Direct Worker in Month	166	180	180	180	180	180	180	180	180	180	180	180	180
Net Direct Employment	1,385	1,770	1,949	2,109	2,110	1,950	1,597	1,089	915	869	837	841	837
Total Net Employment	2,587	2,982	3,181	3,156	3,012	2,655	2,274	1,639	1,445	1,400	1,337	1,341	1,337
JULY													
AT-21BL Direct Man-Hours	126	139	142	118	73	23							
All Other Direct Man-Hours	161	212	238	262	278	264	196	165	156	151	151	151	151
Total Direct Man-Hours	287	351	380	380	351	287	196	165	156	151	151	151	151
Aver. Hrs. per Direct Worker in Month	195	180	180	180	180	180	180	180	180	180	180	180	180
Net Direct Employment	1,474	1,949	2,109	2,110	1,950	1,597	1,089	915	869	837	841	837	837
Total Net Employment	2,662	3,181	3,156	3,012	2,655	2,274	1,639	1,445	1,400	1,337	1,341	1,337	1,337
AUG.													
AT-21BL Direct Man-Hours	152	103	65										
All Other Direct Man-Hours	180	202	217	249	259	261	270	269	276	227	211	184	165
Total Direct Man-Hours	332	305	282	249	259	261	270	269	276	227	211	184	165
Aver. Hrs. per Direct Worker in Month	231	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	1,434	1,605	1,486	1,313	1,363	1,375	1,422	1,414	1,453	1,192	1,112	966	870
Total Net Employment	2,639	2,589	2,300	2,070	2,022	1,955	2,042	1,941	2,000	1,707	1,607	1,461	1,308
SEPT.													
AT-21BL Direct Man-Hours	81	65											
All Other Direct Man-Hours	168	217	249	259	261	270	269	276	227	211	184	165	147
Total Direct Man-Hours	249	282	249	259	261	270	269	276	227	211	184	165	147
Aver. Hrs. per Direct Worker in Month	203	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	1,226	1,484	1,311	1,363	1,375	1,422	1,416	1,453	1,195	1,111	968	868	773
Total Net Employment	2,328	2,300	2,070	2,022	1,955	2,042	1,941	2,000	1,707	1,607	1,461	1,368	1,195
OCT.[23]													
AT-21BL Direct Man-Hours	13												
All Other Direct Man-Hours	161	231	272	300	300	298	305	259	247	241	227	220	197
Total Direct Man-Hours	174	231	272	300	300	298	305	259	247	241	227	220	197
Aver. Hrs. per Direct Worker in Month	179	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	974	1,215	1,432	1,577	1,577	1,569	1,603	1,362	1,300	1,266	1,195	1,155	1,036
Total Net Employment	1,982	2,197	2,444	2,414	2,414	2,606	2,641	2,284	2,064	2,058	2,162	2,112	1,978

BOEING, RENTON

Item	Report Month Actual	1	2	3	4	5	6	7	8	9	10	11	12
1943													
JAN.													
B-29 Direct Man-Hours	12	47	68	280	430	814	1,196	1,730	2,214	2,420	2,501	2,470	402
All Other Direct Man-Hours	47												
Total Direct Man-Hours	59												
Aver. Hrs. per Direct Worker in Month	140	244	292	1,700	2,548	4,004	4,854	8,317	10,383	12,035	12,025	11,875	11,499
Direct Workers	403	3,256	4,000	4,800	6,000	7,500	9,000	12,500	14,275	15,315	16,000	15,845	13,000
Total Employees	1,724												

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BOEING, RENTON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
B-29 Direct Man-Hours	20	128	280	540	861	1,260	1,730	2,160	2,420	2,501	2,470	2,402	2,246
All Other Direct Man-Hours	73	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	93	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	160	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	583	592	1,346	2,596	4,141	5,833	8,317	10,385	11,635	12,025	11,875	11,549	11,232
Total Employees	3,124	4,000	4,800	6,125	7,750	9,650	12,150	14,231	15,515	16,000	15,835	15,400	14,975
	MAR.												
B-29 Direct Man-Hours	43	280	540	861	1,260	1,730	2,160	2,420	2,501	2,470	2,402	2,246	2,002
All Other Direct Man-Hours	112	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	155	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	227	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	682	1,346	2,596	4,141	5,833	8,317	10,385	11,635	12,025	11,875	11,549	11,232	9,269
Total Employees	3,317	4,800	6,125	7,750	9,650	12,150	14,231	15,515	16,000	15,835	15,400	14,977	12,360
	APR.												
B-29 Direct Man-Hours	70	540	861	1,260	1,730	2,160	2,420	2,501	2,470	2,402	2,246	2,002	1,624
All Other Direct Man-Hours	111	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	181	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,012	2,596	4,141	5,833	8,317	10,385	11,635	12,025	11,875	11,549	11,232	9,269	8,120
Total Employees	3,631	6,125	7,750	9,650	12,150	14,231	15,515	16,000	15,835	15,400	14,977	12,360	10,820
	MAY												
B-29 Direct Man-Hours	107	861	1,260	1,730	2,160	2,420	2,501	2,470	2,402	2,246	2,002	1,724	1,260
All Other Direct Man-Hours	103	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	211	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	161	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,310	4,141	5,833	8,317	10,385	11,635	12,025	11,875	11,549	11,232	9,269	8,620	5,834
Total Employees	3,883	7,750	9,650	12,150	14,231	15,515	16,000	15,835	15,400	14,977	12,360	11,486	7,743
	JUNE												
B-29 Direct Man-Hours	179	210	300	420	550	700	850	1,000	1,200	1,400	1,600	1,720	1,760
All Other Direct Man-Hours	71	2	6	14	25	39	55	88	107	105	92	65	41
Total Direct Man-Hours	250	212	306	434	575	739	905	1,088	1,307	1,505	1,692	1,785	1,801
Aver Hrs per Direct Worker in Month	162	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,544	1,845	2,153	2,160	2,764	3,552	4,351	5,231	6,283	7,235	8,134	8,581	8,659
Total Employees	4,325	4,821	5,184	5,552	5,939	6,867	7,741	8,708	9,847	10,853	12,201	12,871	12,689
	JULY												
B-29 Direct Man-Hours	185	300	400	550	700	850	1,000	1,200	1,400	1,600	1,720	1,760	1,760
All Other Direct Man-Hours	147	6	14	25	39	55	88	107	105	92	66	41	21
Total Direct Man-Hours	332	306	414	575	739	905	1,088	1,307	1,505	1,692	1,786	1,801	1,781
Aver Hrs per Direct Worker in Month	177	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,881	2,175	2,469	2,764	3,552	4,351	5,231	6,283	7,235	8,134	8,587	8,659	8,563
Total Employees	4,832	5,206	5,561	5,939	6,867	7,741	8,708	9,847	10,853	12,201	12,877	12,989	12,845
	AUG.												
B-29 Direct Man-Hours	169	215	550	700	850	1,050	1,250	1,450	1,635	1,720	1,760	1,760	1,730
All Other Direct Man-Hours	197	199	25	39	55	88	107	105	92	66	41	26	—
Total Direct Man-Hours	366	414	575	739	905	1,138	1,357	1,555	1,727	1,786	1,801	1,785[1]	1,730
Aver Hrs per Direct Worker in Month	174	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	2,100	2,469	2,764	3,552	4,351	5,493	6,547	7,495	8,313	8,587	8,659	8,585	8,317
Total Employees	5,030	5,561	5,939	6,867	7,741	9,144	10,261	11,243	12,469	12,877	12,989	12,878	12,475
	SEPT.												
B-29 Direct Man-Hours	175	300	415	560	690	825	1,035	1,230	1,450	1,631	1,659	1,650	1,630
All Other Direct Man-Hours	214	188	202	231	225	215	184	149	106	66	37	2	2
Total Direct Man-Hours	389	488	617	791	915	1,040	1,219	1,379	1,556	1,697	1,696	1,652	1,632
Aver Hrs per Direct Worker in Month	170	180	185	190	193	196	196	196	196	196	196	196	196
Direct Workers	2,285	2,711	3,332	4,161	4,738	5,304	6,217	7,037	7,939	8,659	8,650	8,429	8,326
Total Employees	5,301	5,886	6,647	7,551	8,215	8,868	9,882	10,827	11,908	12,989	12,975	12,843	12,489
	OCT.												
B-29 Direct Man-Hours	223	415	560	690	825	1,035	1,230	1,450	1,587	1,631	1,671	1,681	1,645
All Other Direct Man-Hours	238	202	231	225	215	184	149	106	69	37	2	2	2
Total Direct Man-Hours	461	617	791	915	1,040	1,219	1,379	1,556	1,656	1,668	1,673	1,683	1,647
Aver Hrs per Direct Worker in Month	170	185	190	193	196	196	196	196	196	196	196	196	196
Direct Workers	2,716	3,332	4,159	4,738	5,303	6,216	7,038	7,938	8,451	8,508	8,533	8,587	8,401
Total Employees	6,017	6,647	7,549	8,215	8,867	9,861	10,828	11,907	12,677	12,702	12,800	12,880	12,601

BOEING, RENTON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
B-29 Direct Man-Hours	351	560	690	825	1,035	1,230	1,450	1,600	1,650	1,671	1,681	1,645	1,585
All Other Direct Man-Hours	230	197	176	160	145	131	118	110	92	61	31	14	1
Total Direct Man-Hours	581	757	866	985	1,180	1,361	1,568	1,710	1,742	1,732	1,712	1,659	1,586
Aver. Hrs. per Direct Worker in Month	177	190	193	196	196	196	196	196	196	196	196	196	196
Direct Workers	3,274	3,981	4,487	5,024	6,017	6,946	8,001	8 723	8,889	8,834	8 735	8 462	8,094
Total Employees	6,759	7,546	8,160	8,804	9,882	10,896	12,001	13 085	13,334	13,251	13,102	12 693	12 141
	DEC.[2]												
B-29 Direct Man-Hours	445	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	113	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	558	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	170	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,293	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6,613	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[2]												
B-29 Direct Man-Hours	522	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	44	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	566	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs per Direct Worker in Month	174	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,252	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6.544	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.[2]												
B-29 Direct Man-Hours	535	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	46	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	581	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	165	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,528	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	7,093	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.[2]												
B-29 Direct Man-Hours	592	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	56	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	648	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,595	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	7,215	—	—	—	—	—	—	—	—	—	—	—	—

Beginning with April 1944, Boeing Seattle and Renton reported jointly.

BOEING, SEATTLE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-17F Direct Man-Hours	3,057	3,554	4,597	5,010	5,270	5,944	6,415	6,841	6,589	6,851	6,589	6 852	6,304
All Other Direct Man-Hours	165	76	78	74	63	64	55	42	30	32	30	31	31
Total Direct Man-Hours	3,222	3,630	4,675	5,084	5,333	6,008	6,470	6,883	6,619	6,883	6,619	6,883	6 335
Aver. Hrs per Direct Worker in Month	178	188	212	204	196	204	204	204	196	204	196	204	196
Direct Workers	18,080	19,288	22,085	24,932	27,198	29,465	31,732	33,755	33,755	33,755	33,755	33 755	32,307
Total Employees	31,408	33,038	36,245	39,512	42,178	44,865	47,562	50,005	50,005	50,005	50,005	50,005	48,257
	FEB.												
B-17F Direct Man-Hours	2,926	4,127	4,835	5,424	6,250	6 405	6,820	6,555	6 829	6,565	6 834	6 543	6,163
All Other Direct Man-Hours	139	78	75	63	64	45	41	30	32	30	27	32	30
Total Direct Man-Hours	3,065	4,205	4,910	5,487	6 314	6,451	6,861	6,595	6,861	6,595	6,861	6,575	6,193
Aver. Hrs per Direct Worker in Month	175	211	203	195	203	203	203	195	203	195	203	195	195
Direct Workers	17,503	19,917	24,150	28,080	31,059	31,732	33 750	33 750	33,750	33,750	33,750	33 750	31,792
Total Employees	30,970	34,077	38,730	43,060	46 459	47 562	50,000	50 000	50,000	50,000	50,000	50,000	47 742
	MAR.												
B-17F Direct Man-Hours	3,321	3,702	4,265	5,177	5,908	6,059	5 840	6 074	5,840	6,075	5,823	5,833	4 629
All Other Direct Man-Hours	118	88	83	93	87	84	67	69	67	68	65	55	49
Total Direct Man Hours	3,439	3,790	4,348	5,270	5,995	6 143	5 907	6,143	5,907	6,143	5,888	5,888	4 678
Aver Hrs per Direct Worker in Month	200	192	192	192	192	192	185	192	185	192	184	184	199
Direct Workers	17 234	19,726	22,634	27 432	31 207	31 980	31 980	31 980	31,980	31,980	31 980	31 980	23 53
Total Employees	30 548	34,306	37 614	42 842	47 037	48,230	48 230	48 230	48 230	48,230	48 230	48 230	39 482
	APR.												
B 17F Direct Man-Hours	3,113	3,527	3 926	4 219	4 472	4,533	4 03	4 113	4 094	4,513	4,090	3 52	3 428
All Other Direct Man-Hours	97	83	93	87	90	67	70	67	69	64	54	49	150
Total Direct Man-Hours	3,210	3,610	4,019	4,306	4,562	4 580	4 763	4 580	4 763	4,577	4,144	3 681	3 578
Aver Hrs per Direct Worker in Month	193	193	193	193	193	186	193	186	193	186	186	201	186
Direct Workers	16,508	18,666	20,782	22 266	23 587	24 626	24,626	24,626	24,626	24,610	22,282	18,330	8,481
Total Employees	29,747	32,166	34,082	36,316	38,187	39,626	39 626	39 626	39,626	39,610	36,532	31,580	17 281

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BOEING, SEATTLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
B-17F Direct Man Hours	3,000	3,296	3,697	4,097	4,395	4,705	5,002	5,425	3,545	2,723	1,645	1,175	—
B-17G Direct Man Hours	—	—	—	—	—	—	—	—	1,633	2,432	3,945	3,905	5,596
All Other Direct Man Hours	101	77	82	85	79	83	100	128	162	185	175	170	169
Total Direct Man Hours	3,101	3 373	3,779	4,182	4,474	4,788	5,102	5,553	5,340	5,340	5,765	5,340	5,765
Aver Hrs per Direct Worker in Month	193	193	193	193	186	193	186	193	186	186	201	186	201
Direct Workers	16,042	17,451	19,548	21,634	24,064	24,770	27,443	28,725	28,725	28,725	28,725	28,725	28,725
Total Employees	29,150	31,351	33,648	35,909	38,514	39,420	42,243	43,725	43,725	43,725	43,725	43,725	43,725
	JUNE												
B-17F Direct Man Hours	2,903	3,261	3,335	5,002	5,343	5,239	4,923	3,749	2,912	1,721	913	—	—
B-17G Direct Man-Hours	—	—	—	—	—	—	500	1,429	2,230	3,842	4,229	5,564	5,388
All Other Direct Man-Hours	83	44	43	42	39	57	84	118	154	156	154	155	119
Total Direct Man-Hours	2,986	3,305	3,378	5,044	5,382	5,296	5,507	5,296	5,296	5,719	5,296	5,719	5,507
Aver Hrs per Direct Worker in Month	187	194	187	180	187	180	187	180	180	194	180	194	187
Direct Workers	15,953	17,000	18,047	28,021	28,750	29,420	29,420	29,420	29,420	29,420	29,420	29,420	29,420
Total Employees	29,550	30,900	32,147	42,296	43,200	44,420	44,420	44,420	44,420	44,420	44,420	44,420	44,420
	JULY												
B-17F Direct Man Hours	2,950	2,986	3,218	5,438	5,421	4,889	4,325	3,280	2,333	888	—	—	—
B-17G Direct Man Hours	—	—	—	—	—	504	1,034	1,835	3,200	4,227	5,534	5,358	5,385
All Other Direct Man Hours	83	45	45	39	56	84	118	154	156	154	155	119	92
Total Direct Man Hours	3,033	3,031	3,263	5,477	5,477	5,477	5,477	5,269	5,689	5,269	5,689	5,477	5,477
Aver Hrs per Direct Worker in Month	191	184	184	184	184	184	177	191	177	191	184	184	184
Direct Workers	15,891	16,491	17,750	29,800	29,800	29,800	29,800	29,800	29,800	29,800	29,800	29,800	29,800
Total Employees	29,800	30,441	31,750	44,800	44,800	44,800	44,800	44,800	44,800	44,800	44,800	44,800	44,800
	AUG.												
B-17F Direct Man Hours	2,647	2,938	3,147	3,895	4,060	4,225	4,222	4,572	4,222	4,572	4,397	4,401	4,566
All Other Direct Man Hours	76	38	15	42	77	104	139	138	139	138	139	77	59
Total Direct Man-Hours	2,723	2,976	3,162	3,937	4,137	4,329	4,361	4,710	4,361	4,710	4,536	4,478	4,625
Aver Hrs per Direct Worker in Month	176	176	176	176	176	176	170	183	170	183	176	176	183
Direct Workers	15,433	16,870	17,970	22,316	23,452	24,538	25,712	25,712	25,712	25,712	25,712	25,386	25,248
Total Employees	29,197	30,820	31,970	36,816	37,964	39,538	40,712	40,712	40,712	40,712	40,712	40,386	40,248
	SEPT.												
B-17G Direct Man-Hours	2,838	3,155	3,232	4,070	4,235	4,232	4,583	4,232	4,583	4,407	4,412	4,577	4,412
All Other Direct Man-Hours	60	20	28	64	108	139	139	139	139	139	77	57	32
Total Direct Man-Hours	2,898	3,175	3,260	4,134	4,343	4,371	4,722	4,371	4,722	4,546	4,489	4,636[3]	4,444
Aver. Hrs. per Direct Worker in Month	185	187	179	187	187	179	194	179	194	187	187	194	187
Direct Workers	15,698	17,035	18,172	22,152	23,275	24,363	24,363	24,363	24,363	24,363	24,054	23,923	23,817
Total Employment	29,909	31,285	32,422	36,652	37,775	39,363	39,363	39,363	39,363	39,363	39,054	38,923	38,817
	OCT.												
B-17G Direct Man-Hours	2,933	3,134	3,514	3,605	3,465	3,752	3,465	3,626	3,451	3,410	3,369	3,143	2,619
All Other Direct Man-Hours	55	29	63	108	139	139	139	138	139	77	59	33	15
Total Direct Man Hours	2,988	3,163	3,577	3,713	3,604	3,891	3,604	3,764	3,590	3,487	3,428	3,176	2,634
Aver Hrs per Direct Worker in Month	183	176	183	183	176	190	176	190	183	183	190	183	183
Direct Workers	16,356	18,000	19,580	20,322	20,512	20,512	20,512	19,843	19,648	19,084	18,070	17,380	14,417
Total Employment	31,277	33,000	34,580	35,322	35,512	35,512	35,512	34,843	34,648	34,084	33,070	32,380	26,417
	NOV.												
B-17G Direct Man Hours	3,093	3,343	3,450	3,317	3,573	3,315	3,468	3,334	3,296	3,469	3,132	2,719	2,220
All Other Direct Man Hours	67	34	60	85	121	148	147	148	147	103	59	15	15
Total Direct Man Hours	3,160	3,377	3,510	3,402	3,694	3,463	3,615	3,482	3,443	3,572	3,191	2,734	2,235
Aver Hrs per Direct Worker in Month	190	190	190	183	197	183	197	190	190	197	190	190	190
Direct Workers	16,639	17,783	18,482	18,633	18,733	18,962	18,333	18,333	18,131	18,113	16,805	14,397	11,766
Total Employment	31,874	33,283	33,982	34,133	34,233	34,462	33,833	33,833	33,631	33,613	32,305	29,397	23,766
	DEC.												
B-17G Direct Man Hours	2,971	3,209	3,278	3,416	3,079	3,253	3,066	2,634	2,764	2,360	2,100	1,750	1,200
B-29 Direct Man Hours	—	—	—	20	141	317	555	1,736	1,540	2,199	2,955	3,571	4,121
All Other Direct Man Hours	81	60	86	121	147	148	148	147	103	60	15	15	15
Total Direct Man Hours	3,052	3,269	3,364	3,557	3,367	3,718	3,769	4,517	4,407	4,619	5,070	5,336	5,336
Aver Hrs per Direct Worker in Month	183	191	184	199	184	199	191	191	199	191	191	184	184
Direct Workers	16,657	17,080	17,400	17,900	18,300	18,710	19,690	20,700	22,180	24,130	26 490	29,000	29,000
Total Employment	31,659	32,130	32,500	33,050	33,500	34,010	35,090	36,200	37,680	39,630	41,990	44,500	44,500
	1944 JAN.												
B-17G Direct Man Hours	3,323	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	72	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	3,395	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	199	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	17 038	—	—	—	—	—	—	—	—	—	—	—	—
Total Employment	32,350	—	—	—	—	—	—	—	—	—	—	—	—

BOEING, SEATTLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB.												
B-17G Direct Man-Hours	3,250	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	85	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,335	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	187	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers[14]	17,869	—	—	—	—	—	—	—	—	—	—	—	—
Total Employment[14]	34,663	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
B-17G Direct Man-Hours	3,335	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	100	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,435	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	197	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers[14]	17,407	18,127	18,127	18,495	18,812	18,970	19,127	19,285	19 442	19,600	19,600	19,600	19,600
Total Employment[14]	34,279	34,300	34,300	34,700	3,500	35,000	35,000	35,000	35,000	35 000	35 000	35,000	35 900

Beginning with April 1944 Boeing, Seattle and Renton reported jointly

BOEING, RENTON AND SEATTLE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
B-17G Direct Man-Hours	2,913	3,096	2,779	2,649	2,458	2,050	1,623	1,332	938	356	10	—	—
B-29A Direct Man-Hours	45	225	270	558	1,031	1,588	2,055	2,472	2,715	3 003	2,934	3,517	3,335
All Other Direct Man-Hours	55	54	52	51	55	38	40	25	16	10	8	10	9
Total Direct Man-Hours	3,013	3,375	3,101	3,258	3,543[3]	3,686	3,718	3,829	3,669	3,369	2,952	3,527	3 344
Aver. Hrs. per Direct Worker in Month	181	199	191	191	199	191	191	191	184	191	177	199	184
Direct Workers[14]	16,608	16,983	16,204	17,024	17,827	19,261	19,428	20,009	19,940	17,603	16,718	17,752	18,175
Total Employment[14]	33,424	33,743	32,904	33,524	34,077	35,261	35,178	35,509	35,440	33,103	32,218	33,252	33,675
	MAY												
B-17G Direct Man-Hours	3,024	2,779	2,648	2,458	2,050	1,623	1,333	938	356	10	—	—	—
B-29A Direct Man-Hours	681	998	1,366	1,945	2,512	2,985	3,375	3,602	3,978	3 888	4,667	4,442	4,544
XF8B-1 Direct Man-Hours	53	42	42	42	42	42	38	30	15	7	—	—	—
XC-97 Direct Man-Hours	48	45	50	50	50	50	37	25	10	—	—	—	—
All Other Direct Man-Hours	15	16	17	17	17	17	17	17	16	17	16	17	16
Total Direct Man-Hours	3,821	3,880	4,123	4,514[3]	4,671	4,700	4,780	4,581	4,358	3 914	4,684	4,458	4 561
Aver Hrs. per Direct Worker in Month	200	191	191	199	191	191	191	184	191	177	199	184	199
Net Direct Employment	19,155	20,272	21,541	22,718	24,404	24,556	24,974	24,896	22 769	22,163	23,573	24,228	22,954
Total Net Employment	39,202	39,729	40,252	40,136	42,526	42,884	43,374	43,381	41,205	40,547	41,907	42,562	41 288
	JUNE												
B-17G Direct Man-Hours	2,805	2,648	2,458	2,075	1,623	1,333	938	356	10	—	—	—	—
B-29A Direct Man-Hours	743	1,366	1,945	2,512	2,985	3,375	3,602	3,978	3,888	4,667	4,442	4,544	4 068
XF8B-1 Direct Man-Hours	66	70	70	52	38	30	15	7	—	—	—	—	—
XC-97 Direct Man-Hours	45	50	50	50	37	25	10	—	—	—	—	—	—
All Other Direct Man-Hours	19	18	18	18	18	18	17	18	17	18	17	18	17
Total Direct Man-Hours	3,678	4,152	4,541	4,707	4,701	4,781	4,582	4,359	3,915	4,685	4,459	4,562	4 085
Aver. Hrs. per Direct Worker in Month	191	191	199	191	191	191	184	191	177	199	184	199	191
Net Direct Employment	19,250	21,693	22,853	24,592	24,561	24,979	24,902	22,774	22,168	23,578	24,233	22,959	21,342
Total Net Employment	40,028	40,404	40,271	42,714	42,889	43,379	43,387	41,210	40 552	41,912	42,567	41,293	39 676
	JULY												
B-17G Direct Man-Hours	2,792	2,557	2,163	1,674	1,314	911	356	10	—	—	—	—	—
B-29A Direct Man-Hours	911	1,945	2,512	2,996	3,375	3,602	3,978	3,888	4 667	4,442	4,868	4,749	4 573
XF8B-1 Direct Man-Hours	78	76	66	56	49	42	37	—	—	—	—	—	—
XC-97 Direct Man-Hours	58	50	50	37	25	10	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	22	22	22	22	22	22	22	22	22	22	22	22
Total Direct Man-Hours	3,861	4,650	4,813	4,785	4,785	4,587	4,393	3,920	4 689	4 464	4 890	4,771	4 595
Aver Hrs per Direct Worker in Month	198	199	191	191	191	184	191	177	199	184	199	191	19.
Net Direct Employment	19,516	23,402	25,146	25,000	25,000	24,929	22,952	22 197	23 598	24 261	24,610	24,927	24 007
Total Net Employment	40,778	42,720	43 268	43 300	43,400	43,414	41,388	40 581	41 932	42 595	42 944	43,261	42 36[illegible]
	AUG.												
B-17G Direct Man-Hours	2,589	2,107	1 417	1 357	1,263	1,288	1,168	913	—	—	—	—	—
B-29A Direct Man-Hours	1,073	2,067	2 749	2 878	2,901	3,402	2,829	3,584	4 263	4 497	4 264	4 023	3 829
XF8B-1 Direct Man-Hours	73	66	56	49	42	37	— —	—	—	—	—	—	—
XC-97 Direct Man-Hours	68	50	37	25	10	—	— —	—	—	—	—	—	—
All Other Direct Man-Hours	17	17	17	17	17	17	17	17	17	17	17	17	—
Total Direct Man-Hours	3,820	4,307	4,276	4 326	4,233	4 384	4 014	4 514	4 180	4 514	4 281	4 040	3 846
Aver Hrs per Direct Worker in Month	197	191	191	191	184	191	177	199	184	199	191	191	199
Net Direct Employment	19,376	22,501	22 430	22 600	23 004	22,903	22 727	22 716	22 716	22 716	22 365	21 106	19 3[illegible]
Total Net Employment	40,869	44,901	44 710	45 000	45 404	45 303	45 127	45 116	45 116	45 116	44 365	42,106	38 3[illegible]
	SEPT.												
B-17G Direct Man Hours	2,002	1 417	1 357	1 263	1 288	1 168	913	—	—	—	—	—	—
B-29A Direct Man Hours	1,457	2,207	2 301	2,776	2,778	2,495	3,100	3,627	3 815	3 621	3 421	3,319	2 952
XF8B-1 Direct Man-Hours	68	50	40	42	37	—	—	—	—	—	—	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BOEING, RENTON AND SEATTLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
XC-97 Direct Man-Hours	73	77	66	61	39	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	21	21	21	21	21	21	21	21	21	21	21	21
Total Direct Man-Hours	3,615[3]	3,868	4,084	4,163	4,163	3,684	4,040	3,648	3,836	3,642	3,442	3,340	2,973
Aver Hrs per Direct Worker in Month	191	191	191	184	191	177	199	184	199	191	191	199	184
Net Direct Employment	18,953	20,209	21,338	22,625	21,750	20,861	20,332	19,826	19,306	19,028	17,983	16,809	16,158
Total Net Employment	41,048	42,609	43,738	45,025	44,150	43,261	42,732	42,226	41,706	41,028	38,983	35,809	35,158
	OCT.												
B-17E Direct Man-Hours	1,304	1,303	1,263	1,288	1,168	913	—	—	—	—	—	—	—
B-29A Direct Man-Hours	2,141	2,591	2,776	2,778	2,495	3,106	3,627	3,815	3,576	3,371	3,333	2,956	3,073
XF8B-1 Direct Man-Hours	62	49	42	37	25	10	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	66	66	61	39	25	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	23	21	21	21	21	21	21	21	21	21	21	21	21
Total Direct Man-Hours	3,595[3]	4,030	4,163	4,163	3,734	4,050	3,648	3,836	3,597	3,393[3]	3,354	2,977	3,094
Aver Hrs per Direct Worker in Month	193	191	184	191	177	199	184	199	191	191	199	184	199
Net Direct Employment	18,667	21,055	22,625	21,750	21,144	20,383	19,826	19,306	18,793	17,727	16,880	16,179	15,571
Total Net Employment	41,413	43,455	45,025	44,150	43,544	42,783	42,226	41,706	40,793	38,727	35,880	35,179	34,571
	NOV.												
B-17G Direct Man-Hours	1,035	900	930	850	850	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	2,331	2,826	3,136	2,813	3,179	3,627	3,815	3,576	3,372	3,333	2,956	3,073	2,861
XF8B-1 Direct Man-Hours	69	50	37	25	10	—	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	66	61	39	25	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	15	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	3,516	3,852	4,157	3,728	4,054	3,642	3,830	3,591	3,387	3,348	2,971	3,088	2,876
Aver Hrs per Direct Worker in Month	190	184	191	177	199	184	199	191	191	199	184	199	191
Net Direct Employment	18,522	20,935	21,719	21,110	20,403	19,794	19,275	18,762	17,696	16,850	16,147	15,541	15,026
Total Net Employment	41,940	43,835	44,619	44,010	43,303	42,694	42,175	41,262	39,196	36,350	35,147	34,041	33,026
	DEC.												
B-17G Direct Man-Hours	860	930	850	850	—	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	2,455	3,136	2,813	3,179	3,627	3,815	3,576	3,372	3,333	2,956	3,073	2,861	2,667
XF8B-1 Direct Man-Hours	62	42	30	19	10	10	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	61	48	43	8	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	13	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	3,451	4,171	3,751	4,071	3,652	3,840	3,591	3,387	3,348	2,971	3,088	2,876	2,682
Aver Hrs per Direct Worker in Month	188	199	177	199	184	199	191	191	199	184	199	191	184
Net Direct Employment	18,345	20,991	21,240	20,488	19,848	19,326	18,762	17,696	16,850	16,147	15,541	15,026	14,576
Total Net Employment	41,980	44,691	44,840	44,088	42,748	42,226	41,262	39,196	37,350	35,647	34,041	33,026	32,076
	1945 JAN.												
B-17G Direct Man-Hours	914	850	850	—	—	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	2,779	—	—	—	—	—	—	—	—	—	—	—	—
XF8B-1 Direct Man-Hours	61	52	40	28	10	10	10	—	—	—	—	—	—
XC-97 Direct Man-Hours	51	43	8	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	17	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,822	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	203	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	18,787	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	42,831	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-17G Direct Man-Hours	770	750	100	—	—	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	2,654	2,955	3,060	3,421	3,344	3,305	3,368	2,930	3,047	2,827	2,632	2,690	2,358
XF8B-1 Direct Man-Hours	46	40	28	10	10	10	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	34	20	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	13	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	3,517	3,780	3,203	3,446	3,369	3,330	3,383	2,945	3,062	2,842	2,647	2,705	2,373
Aver Hrs per Direct Worker in Month	181	199	184	199	191	191	199	184	199	191	184	190	177
Net Direct Employment	19,455	19,024	17,408	17,343	17,602	17,398	17,026	16,005	15,410	14,849	14,386	13,614	13,437
Total Net Employment	43,940	42,624	40,308	40,243	40,102	38,898	37,526	35,505	33,910	32,849	31,886	30,614	29,937
	MAR.												
B-17G Direct Man-Hours	607	46	—	—	—	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	3,139	3 113	3,421	3,344	3,205	3,368	2,930	3,047	2,827	2,633	2,690	2,358	2,496
XF8B-1 Direct Man-Hours	34	30	30	30	20	8	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	28	20	7	4	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	10	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	3,818	3,224	3,473	3,393	3,240	3,391	2,945	3,062	2,842	2,648	2,705	2,373	2 511
Aver Hrs per Direct Worker in Month	201	184	199	191	191	199	184	199	191	184	199	177	191
Net Direct Employment	19 038	17,521	17,479	17,727	16,928	17,066	16,005	15,410	14,849	14,391	13,614	13,437	13,119
Total Net Employment	42,940	40,421	40,379	40,227	38,428	37,566	35,505	33,910	32,849	31,891	30,614	29,937	29,619

BOEING, RENTON AND SEATTLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 APR.												
B-17G Direct Man-Hours	43	—	—	—	—	—	—	—	—	—	—	—	—
B-29A Direct Man-Hours	3,093	3,373	3,221	3,080	3,194	2,790	2,862	2 669	2,413	2,414	2,148	2 266	2,199
XF8B-1 Direct Man-Hours	27	30	30	20	8	—	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	26	20	15	10	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	34	31	28	26	23	21	18	16	15	15	15	15
Total Direct Man-Hours	3,205	3,457	3,297	3,138	3,238	2,813	2,883	2 687	2,429	2,429	2,163	2 281	2,214
Aver Hrs per Direct Worker in Month	181	199	191	184	199	184	199	191	184	199	177	191	191
Net Direct Employment	17,711	17,398	17,226	17,054	16,296	15,288	14,509	14 039	13 201	12,224	12,248	11,917	11,567
Total Net Employment	40,778	40,298	39,726	38,554	36,796	34,788	33,009	32 039	30,701	29,224	28,748	28,417	27,667
	MAY												
B-29A Direct Man-Hours	3,331	3,065	2,667	2,649	2,203	2,346	2,081	2,004	2,005	1,807	1,909	1,846	1,867
XF8B-1 Direct Man-Hours	23	20	20	18	7	—	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	32	16	13	13	7	7	6	5	—	—	—	—	—
All Other Direct Man-Hours	29	31	28	26	23	21	18	16	15	15	15	15	15
Total Direct Man-Hours	3,415	3,132	2,728	2,706	2,240	2,374	2,105	2,025	2,020	1,822	1,924	1,861	1,882
Aver. Hrs per Direct Worker in Month	205	187	176	190	171	199	184	184	191	177	191	191	199
Net Direct Employment	16,658	16,731	15,500	14,235	13,107	11,948	11,440	11,005	10,554	10,317	10,052	9,723	9,472
Total Net Employment	38,719	38,731	36,100	33,135	30,607	27,748	26,640	25,605	24,554	24,017	23,352	22,623	21,972
	JUNE												
B-29A Direct Man-Hours	3,191	2,774	2,649	2,203	2,346	2,081	2,004	2,005	1,807	1,909	1,846	1,867	1,683
XF8B-1 Direct Man-Hours	16	16	16	15	14	—	—	—	—	—	—	—	—
XC-97 Direct Man-Hours	20	13	13	7	7	6	5	—	—	—	—	—	—
YC-97 Direct Man-Hours	—	3	5	10	19	37	56	84	116	150	200	235	265
All Other Direct Man-Hours	27	38	36	33	31	28	26	25	25	25	25	25	25
Total Direct Man-Hours	3,254	2,844	2,719	2,268	2,417	2,152	2,091	2,114	1,948	2,084	2,071	2,127	1,973
Aver Hrs. per Direct Worker in Month	200	183	190	171	192	178	176	187	173	187	187	194	180
Net Direct Employment	16,307	15,541	14,303	13,271	12,575	12,090	11,881	11,293	11,273	11,132	11,063	10,941	10,961
Total Net Employment	37,180	35,278	32,325	29,860	28,168	26,961	26,376	24,958	24,913	24,601	24,449	24,180	24,224

BOEING, WICHITA PLANT No. 1

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
PT-17 Direct Man-Hours	78	72	90	231	330	330	330	330	300	250	188	120	120
N2S-3 Direct Man-Hours	250	236	236	111	—	—	—	—	—	—	—	—	—
XAT-15 Direct Man-Hours	1	1	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	61	79	110	78	90	74	90	90	104	101	85	42	12
Total Direct Man-Hours	390	388	436	420	420	404	420	420	404	351	273	162	132
Aver Hrs. per Direct Worker in Month	184	180	203	195	195	188	195	195	188	195	195	203	195
Direct Workers	1,932	2,055	2,055	2,055	2,055	2,055	2,055	2,055	2,055	1,750	1,400	800	660
Total Employees	3,129	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	2,550	2,050	1,300	1,060
	FEB.												
PT-17 Direct Man-Hours	71	90	120	120	120	150	180	210	240	240	240	424	334
N2S-3 Direct Man-Hours	230	236	236	236	270	270	270	270	270	270	270	30	—
All Other Direct Man-Hours	54	93	73	76	85	98	111	109	113	111	108	102	86
Total Direct Man-Hours	355	419	429	432	475	518	561	589	623	621	618	556	420
Aver Hrs per Direct Worker in Month	185	203	195	195	188	195	195	188	195	195	203	195	180
Direct Workers	1,924	2,067	2,201	2,215	2,531	2,656	2,878	3,141	3,194	3,183	3,051	2,849	2,334
Total Employees	3,027	3,200	3,402	3,419	3,897	4,084	4,367	4,642	4,741	4,692	4,627	4,324	3,351
	MAR.												
PT-17 Direct Man-Hours	84	120	120	125	88	—	—	—	—	—	—	—	—
N2S-3 Direct Man-Hours	230	236	236	232	—	—	—	—	—	—	—	—	—
PT-13D Direct Man-Hours	—	—	—	—	92	210	240	270	270	270	240	289	240
N2S-5 Direct Man-Hours	—	—	—	4	236	236	236	236	236	236	236	30	—
All Other Direct Man-Hours	37	60	60	114	94	107	113	107	105	80	71	77	63
Total Direct Man-Hours	351	416	416	475	510	553	589	613	611	586	547	395[3]	292[3]
Aver Hrs per Direct Worker in Month	183	189	189	188	192	192	188	192	192	192	192	177	190
Direct Workers	1,922	2,201	2,201	2,531	2,656	2 878	3,141	3,194	3,183	3 051	2,849	2 234	1 548
Total Employees	3,093	3 402	3 405	3,897	4,084	4,367	4,642	4,741	4,692	4,627	4 324	3 451	2 307
	APR.												
PT-17 Direct Man Hours	72	120	125	88	—	—	—	—	—	—	—	—	—
N2S-3 Direct Man-Hours	225	236	232	—	—	—	—	—	—	—	—	—	—
PT-13D Direct Man-Hours	—	—	—	92	210	240	270	270	270	240	289	210	210
N2S-5 Direct Man Hours	—	—	4	236	236	236	236	236	236	236	30	—	—
All Other Direct Man-Hours	33	60	114	94	107	113	107	105	80	71	76	62	62
Total Direct Man-Hours	330	416	475	510	553	589	613	611	586	547	395	297	272
Aver Hrs per Direct Worker in Month	179	189	188	192	192	188	192	192	192	192	177	190	185
Direct Workers	1,846	2,201	2 531	2,656	2,878	3,141	3,194	3,183	3,051	2,849	2,234	1 538	1 472
Total Employees	3,176	3,581	3,921	4,084	4,367	4,642	4,741	4,692	4,627	4,324	3 451	2,307	2 268

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BOEING, WICHITA PLANT No. 1 (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
PT-17 Direct Man-Hours	86	110	68	—	—	—	—	—	—	—	—	—	—
N2S-3 Direct Man-Hours	222	222	—	—	—	—	—	—	—	—	—	—	—
PT-13D Direct Man-Hours	—	—	2	210	240	270	270	270	240	289	230	210	210
N2S-5 Direct Man-Hours	—	4	226	236	236	236	236	236	236	30	—	—	—
All Other Direct Man-Hours	23	34	34	45	48	51	51	51	48	32	23	21	21
Total Direct Man-Hours	331	370	380	491	524	557	557	557	524	551	253	231	231
Aver. Hrs. per Direct Worker in Month	183	188	192	192	188	192	192	192	192	180	190	185	187
Direct Workers	1,807	1,971	1,979	2,555	2,793	2,899	2,899	2,899	2,727	1,948	1,331	1,252	1,235
Total Employees	3,302	3,371	3,379	3,955	4,243	4,349	4,349	4,349	4,177	3,198	2,231	2,052	2,035
	JUNE												
PT-17 Direct Man-Hours	39	—	—	—	—	—	—	—	—	—	—	—	—
N2S-3 Direct Man-Hours	41	—	—	—	—	—	—	—	—	—	—	—	—
PT-13D Direct Man-Hours	96	90	90	90	60	30	30	30	30	30	30	30	30
N2S-5 Direct Man-Hours	105	165	150	135	101	101	68	34	34	34	34	34	34
All Other Direct Man-Hours	20	31	31	25	16	13	10	6	6	6	6	6	6
Total Direct Man-Hours	301	286	271	250	178[3]	144	108	70	70	70	70	70	70
Aver. Hrs. per Direct Worker in Month	169	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,790	1,681	1,546	1,429	1,015	822	614	401	401	401	401	401	401
Total Employees	3,289	2,966	2,746	2,479	1,865	1,452	1,039	751	751	751	751	751	751
	JULY												
PT-13D Direct Man-Hours	80	48	48	36	120	150	120	90	60	60	60	60	60
N2S-5 Direct Man-Hours	163	231	216	215	77	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	49	22	20	20	20	16	16	19	17	17	17	17	17
Total Direct Man-Hours	292	301	284	271	217	166	136	109	77	77	77	77	77
Aver. Hrs. per Direct Worker in Month	169	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,729	1,719	1,625	1,549	1,237	949	774	622	441	441	441	441	441
Total Employees	3,245	3,071	2,698	2,558	2,116	1,635	1,381	1,144	821	821	821	821	821
	AUG.												
PT-13D Direct Man-Hours	65	58	55	127	130	110	75	60	60	60	60	60	60
N2S-5 Direct Man-Hours	174	182	177	66	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	27	27	26	21	14	12	30	28	28	28	28	28	28
Total Direct Man-Hours	266	267	258	214	144	123[3]	105	88	88	88	88	88	88
Aver. Hrs. per Direct Worker in Month	168	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,582	1,525	1,475	1,225	825	700	600	500	500	500	500	500	500
Total Employees	3,054	2,925	2,775	2,375	1,625	1,300	1,100	950	950	950	950	950	950
	SEPT.												
PT-13D Direct Man-Hours	75	96	105	113	86	76	68	68	68	68	68	68	68
N2S-5 Direct Man-Hours	150	126	43	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	31	27	27	27	28	20	20	20	20	20	20	20	20
Total Direct Man-Hours	256	249	175	140	114	96	88	88	88	88	88	88	88
Aver. Hrs. per Direct Worker in Month	176	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,450	1,425	1,000	800	650	550	500	500	500	500	500	500	500
Total Employees	2,888	2,725	1,950	1,500	1,250	1,050	950	950	950	950	950	950	950
	OCT.												
PT-13D Direct Man-Hours	80	105	113	86	76	68	68	68	68	68	68	68	68
N2S-5 Direct Man-Hours	121	43	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	31	27	27	28	20	20	20	20	20	20	20	20	20
Total Direct Man-Hours	232	175	140	114	96	88	88	88	88	88	88	88	88
Aver. Hrs. per Direct Worker in Month	176	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,319	1,000	800	650	550	500	500	500	500	500	500	500	500
Total Employees	2,627	1,950	1,500	1,250	1,050	950	950	950	950	950	950	950	950

Beginning with November 1943, Boeing, Wichita Plants 1 and 2 reported jointly.

BOEING, WICHITA PLANT No. 2

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-29 Direct Man-Hours	1,623	1,786	1,830	1,908	2,862	3,816	4,770	4,770	4,770	4,770	4,770	4,770	4,770
All Other Direct Man-Hours	110	220	228	237	346	452	548	548	548	554	554	554	554
Total Direct Man-Hours	1,733	2,006	2,058	2,145	3,208	4,268	5,318	5,318	5,313[3]	5,324	5,324	5,324	5,324
Aver. Hrs. per Direct Worker in Month	210	180	206	195	195	188	195	195	188	195	195	203	195
Direct Workers	10,396	10,500	10,650	10,724	16,040	21,342	26,588	26,588	26,564	26,619	26,620	26,620	26,620
Total Employees	22,139	22,110	22,200	22,224	28,061	34,107	39,599	39,688	39,846	39,929	39,930	39,930	39,930
	FEB.												
B-29 Direct Man-Hours	1,739	1,890	1,908	2,306	2,641	3,161	3,816	4,770	4,770	4,770	4,770	4,770	4,770
All Other Direct Man-Hours	123	206	217	275	330	382	447	543	549	549	549	549	549
Total Direct Man-Hours	1,862	2,096	2,125	2,671	2,971	3,543	4,263	5,313	5,319	5,319	5,319	5,319	5,319

BOEING, WICHITA PLANT No. 2 (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
Aver. Hrs. per Direct Worker in Month	181	206	195	195	188	195	195	208	195	195	208	195	195
Direct Workers	10,275	10,201	10,895	13,696	15,847	18,170	21,863	26,235	27,276	27,277	26,266	27,277	27,276
Total Employees	21,901	22,032	22,395	26,001	29,674	31,525	34,954	39,240	40,545	40,546	39,373	40,546	40,545
	MAR.												
B-29 Direct Man-Hours	1,795	1,836	1,870	1,908	2,862	3,816	4,770	5,246	5,723	5,723	5,723	5,723	5,723
All Other Direct Man-Hours	80	152	256	342	440	568	696	772	836	836	836	836	836
Total Direct Man-Hours	1,875	1,988	2,126	2,250	3,302	4,384	5,466	6,018	6,559	6,559	6,559	6,559	6,559
Aver. Hrs. per Direct Worker in Month	188	189	190	183	190	190	198	190	190	198	190	190	198
Direct Workers	9,957	10,517	11,188	12,300	17,380	23,074	27,677	31,676	34,523	33,212	34,523	34,523	33,212
Total Employees	21,063	22,118	23,308	24,750	30,320	36,274	41,516	47,514	51,785	49,818	51,785	51,785	49,818
	APR.												
B-29 Direct Man-Hours	1,630	1,805	1,908	2,862	3,816	4,770	5,246	5,723	5,723	5,723	5,723	5,723	5,723
All Other Direct Man-Hours	70	132	342	440	568	696	772	836	836	836	836	836	836
Total Direct Man-Hours	1,700	1,937	2,250	3,302	4,384	5,466	6,018	6,559	6,559	6,559	6,559	6,559	6,559
Aver. Hrs. per Direct Worker in Month	181	189	183	190	190	198	190	190	198	190	190	198	190
Direct Workers	9,373	10,249	12,300	17,380	23,074	27,677	31,676	34,523	33,212	34,523	34,523	33,212	34,523
Total Employees	20,101	21,355	24,750	30,320	36,274	41,516	47,514	51,785	49,818	51,785	51,785	49,818	51,785
	MAY												
B-29 Direct Man-Hours	1,635	3,148	3,816	4,483	4,483	4,483	4,483	4,483[18]	—	—	—	—	—
All Other Direct Man-Hours	58	441	535	618	618	618	618	618[18]	—	—	—	—	—
Total Direct Man-Hours	1,693	3,589	4,351	5,101	5,101	5,101	5,101	5,101[18]	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	184	192	192	192	192	192	192	192[18]	—	—	—	—	—
Direct Workers	9,210	18,691	22,663	26,568	26,568	26,568	26,568	26,568[18]	—	—	—	—	—
Total Employees	20,529	29,553	33,265	37,153	37,153	37,153	37,153	37,153[18]	—	—	—	—	—
	JUNE												
B-29 Direct Man-Hours	1,647	4,243	4,710	4,710	4,710	4,710	4,710[18]	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—[17]	—	—	—	—	—	—
Total Direct Man-Hours	1,647	4,243	4,710	4,710	4,710	4,710	4,710[18]	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	166[16]	175	175	175	175	175	175[18]	—	—	—	—	—	—
Direct Workers	9,949	24,243	26,911	26,911	26,911	26,911	26,911[18]	—	—	—	—	—	—
Total Employees	21,021	34,783	37,261	37,011	37,011	37,011	37,011[18]	—	—	—	—	—	—
	JULY												
B-29 Direct Man-Hours	1,873	2,795	3,252	3,879	4,221	4,278	4,336	4,450	4,507	4,450	4,336	4,164	3,822
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,873	2,795	3,252	3,879	4,221	4,278	4,336	4,450	4,507	4,450	4,336	4,164	3,822
Aver. Hrs. per Direct Worker in Month	181	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	10,373	15,973	18,581	22,167	24,122	24,448	24,774	25,427	25,752	25,427	24,774	23,796	21,841
Total Employees	21,705	26,973	29,581	33,251	36,183	36,672	37,161	37,641	38,038	37,641	37,161	35,694	32,762
	AUG.												
B-29 Direct Man-Hours	1,891	2,043	2,113	2,323	2,498	2,660	2,835	2,993	3,150	3,150	3,150	3,150	3,150
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,891	2,043	2,113	2,323	2,498	2,660	2,835	2,993	3,150	3,150	3,150	3,150	3,150
Aver. Hrs. per Direct Worker in Month	175	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	10,828	11,675	12,075	13,275	14,275	15,200	16,200	17,100	18,000	18,000	18,000	18,000	18,000
Total Employees	22,376	23,675	24,825	26,225	27,875	29,100	30,200	31,150	32,050	32,050	32,050	32,050	32,050
	SEPT.												
B-29 Direct Man-Hours	1,924	2,337	2,526	2,712	2,849	3,024	3,181	3,251	3,251	3,251	3,251	3,521	3,251
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,924	2,337	2,526	2,712	2,849	3,024	3,181	3,251	3,251	3,251	3,251	3,251	3,251
Aver. Hrs. per Direct Worker in Month	176	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	10,952	13,355	14,432	15,497	16,277	17,277	18,177	18,577	18,577	18,577	18,577	18,577	18,577
Total Employees	23,014	25,675	27,150	28,500	29,550	30,550	31,650	32,050	32,050	32,050	32,050	32,050	32,050
	OCT.												
B-29 Direct Man-Hours	1,972	2,689	2,858	3,017	3,081	3,180	3,251	3,251	3,251	3,251	3,251	3,251	3,251
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,972	2,689	2,858	3,017	3,081	3,180	3,251	3,251	3,251	3,251	3,251	3,251	3,251
Aver. Hrs. per Direct Worker in Month	174	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	11,309	15,368	16,332	17,242	17,605	18,172	18,577	18,577	18,577	18,577	18,577	18,577	18,577
Total Employees	24,062	28,365	29,437	30,507	31,010	31,622	32,050	32,050	32,050	32,050	32,050	32,050	32,050

Beginning with November 1943, Boeing, Wichita, Plants 1 and 2 reported jointly.

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	NOV.												
B-29 Direct Man-Hours	2,266[17]	3,240	3,302	3,335	3,295	3,274	3,251	3,172	3,094	3,015	2,936	2,857	2,779
PT-13D Direct Man-Hours	55[17]	—	—	—	—	—	—	—	—	—	—	—	—
N-23-5 Direct Man-Hours	20[17]	—	—	—	—	—	—	—	—	—	—	—	—
PT-13D and N2S-5[17]	—	60	60	60	60	60	60	60	60	60	60	60	60

TABLE 9. LABOR REQUIREMENTS -- REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BOEING, WICHITA PLANTS 1 and 2

ITEM	Report Month Actual	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs. per Direct Worker in Month	230	226	226	226	226	226	226	226	226	226	226	226	226
Total Direct Man-Hours	3,580	3,547	3,510	3,502	3,481	3,458	3,429	3,401	3,422	3,043	2,964	2,886	
Aver. Hrs. per Direct Worker in Month	176	226	226	225	225	225	225	225	225	225	225	225	225
Direct Workers	15,408	14,827	14,710	14,721	14,625	14,536	14,375	14,223	13,875	13,525	13,175	12,825	
Total Employees	27,007	29,410	29,250	29,285	28,508	28,725	28,536	28,178	27,782	27,387	26,992	26,594	26,200
	DEC.												
B-29 Direct Man-Hours	3,408	3,382	3,345	3,275	3,234	3,231	3,152	3,074	2,995	2,916	2,837	2,759	2,680
PT-13D (N28-5) Direct Man-Hours	72	80	80	80	80	80	80	80	80	80	80	80	80
All Other Direct Man-Hours	27	47	47	47	47	47	47	47	47	47	47	47	47
Total Direct Man-Hours	3,107	3,409	3,442	3,402	3,381	3,358	3,279	3,201	3,122	3,043	2,964	2,886	2,807
Aver. Hrs. per Direct Worker in Month	212	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	14,380	15,150	15,297	15,121	15,025	14,925	14,575	14,225	13,875	13,525	13,175	12,825	12,475
Total Employees	29,058	29,600	29,535	29,258	29,075	28,886	28,528	28,182	27,737	27,342	26,944	26,550	26,153
	1944 JAN.												
B-29 Direct Man-Hours	3,189	—	—	—	—	—	—	—	—	—	—	—	—
PT-13D (N28-5) Direct Man-Hours	63	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	19	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,270	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	214	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	15,275	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	29,372	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-29 Direct Man-Hours	2,833	2,849	2,747	2,693	2,670	2,633	2,596	2,545	2,494	2,446	2,413	—	—
PT-13D (N28-5) Direct Man-Hours	63	64	64	64	64	64	64	64	64	30	15	—	—
All Other Direct Man-Hours	9	10	10	10	10	10	10	10	10	7	1	—	—
Total Direct Man-Hours	2,905	2,923	2,821	2,767	2,744	2,707	2,670	2,619	2,568	2,483	2,429	—	—
Aver. Hrs. per Direct Worker in Month	199	215	215	215	215	215	215	215	215	215	215	—	—
Direct Workers	14,612	13,594	13,119	12,869	12,764	12,590	12,416	12,182	11,946	11,551	11,299	—	—
Total Employees	28,608	27,350	27,050	26,800	26,600	26,350	26,100	25,866	25,630	25,235	24,983	—	—
	MAR.												
B-29 Direct Man-Hours	2,777	2,747	2,693	2,670	2,633	2,596	2,545	2,494	2,446	2,413	—	—	—
PT-13D (N28-5) Direct Man-Hours	64	64	64	64	64	64	64	64	30	15	—	—	—
All Other Direct Man-Hours	15	10	10	10	10	10	10	10	7	1	—	—	—
Total Direct Man-Hours	2,856	2,821	2,767	2,744	2,707	2,670	2,619	2,568	2,483	2,429	—	—	—
Aver. Hrs. per Direct Worker in Month	212	215	215	215	215	215	215	215	215	215	—	—	—
Direct Workers	13,448	13,119	12,869	12,764	12,590	12,416	12,182	11,946	11,551	11,299	—	—	—
Total Employees	27,218	27,050	26,800	26,600	26,350	26,100	25,866	25,630	25,235	24,983	—	—	—
	APR.												
B-29 Direct Man-Hours	2,565	2,572	2,555	2,501	2,466	2,418	2,370	2,324	2,293	2,247	2,220	2,190	2,161
PT-13D (N28-5) Direct Man-Hours	59	60	60	60	60	60	60	60	60	—	—	—	—
All Other Direct Man-Hours	19	10	10	10	10	10	10	10	10	—	—	—	—
Total Direct Man-Hours	2,643	2,643	2,626	2,571	2,536	2,488	2,440	2,394	2,363	2,247	2,220	2,190	2,161
Aver. Hrs. per Direct Worker in Month	209	215	215	215	215	215	215	215	215	215	215	215	215
Direct Workers	12,630	12,292	12,125	11,960	11,795	11,573	11,349	11,134	10,990	10,453	10,323	10,188	10,053
Total Employees	26,099	25,161	24,808	24,531	24,334	24,092	23,833	23,595	23,432	22,868	22,719	22,523	22,298
	MAY												
B-29 Direct Man-Hours	2,560	2,512	2,476	2,441	2,393	2,345	2,319	2,308	2,222	2,194	2,165	2,136	2,104
PT-13D Direct Man-Hours	82	70	70	70	70	70	50	30	—	—	—	—	—
All Other Direct Man-Hours	40	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,682	2,607	2,571	2,536	2,488	2,440	2,394	2,363	2,247	2,219	2,190	2,161	2,129
Aver. Hrs. per Direct Worker in Month	209	215	215	215	215	215	215	215	215	215	215	215	215
Net Direct Employment	12,806	12,125	11,960	11 795	11,573	11,349	11,134	10,990	10,453	10,323	10,188	10,053	9,903
Total Net Employment	24 521	23,808	23,531	23,344	23,092	22,833	22,595	22,432	21,868	21,719	21,523	21,298	20,923
	JUNE												
B-29 Direct Man-Hours	2 284	2,358	2 336	2,205	2,152	2,021	1,984	1,949	1,911	1,879	1,691	1,502	1,428
PT-13D Direct Man-Hours	78	73	73	73	73	73	73	73	73	73	73	73	73
All Other Direct Man Hours	31	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man Hours	2,393	2,456	2 434	2,303	2 250	2,119	2 082	2,047	2,009	1,977	1,789	1 600	1,526
Aver. Hrs. per Direct Worker in Month	224	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	10 677	10,866	10 772	10,191	9,955	9,378	9,213	9,058	8,888	8,746	7,916	7,081	6,753
Total Net Employment	23,671	22,981	22,917	21,758	21,382	20 579	20,310	20,056	19,817	19,615	18 545	17,468	17,026
	JULY												
B-29 Direct Man-Hours	2,412	2,336	2,221	2,185	2,054	2,017	1,982	1,944	1,912	1,724	1 535	1,461	1,435
PT-13D Direct Man-Hours	78	73	57	40	40	40	40	40	40	40	40	40	40
All Other Direct Man-Hours	20	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,510	2,434	2,303	2,250	2,119	2,082	2,047	2,009	1,977	1,789	1,600	1,526	1,500

BOEING, WICHITA PLANTS 1 and 2 (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JULY												
Aver. Hrs. per Direct Worker in Month	235	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	10,705	10,772	10,191	9,955	9,378	9,213	9,058	8,888	8,746	7,916	7,081	6,753	6,639
Total Net Employment	23,679	22,917	21,758	21,382	20,579	20,310	20,056	19,817	19,615	18,545	17,468	17,026	16,887
	AUG.												
B-29 Direct Man-Hours	2,411	2,199	2,181	2,160	2,125	2,098	1,955	1,912	1,871	1,791	1,774	1,742	1,709
PT-17 Direct Man-Hours	76	45	45	45	45	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	13	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,500	2,269	2,251	2,230	2,195	2,168	2,025	1,982	1,941	1,861	1,844	1,812	1,779
Aver. Hrs. per Direct Worker in Month	236	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	10,583	10,039	9,961	9,869	9,712	9,593	8,961	8,768	8,590	8,235	8,160	8,016	7,872
Total Net Employment	23,258	21,773	21,607	21,454	21,193	20,979	20,146	19,864	19,601	19,129	18,983	18,695	18,408
	SEPT.												
B-29 Direct Man-Hours	2,057	2,181	2,160	2,125	2,098	1,955	1,912	1,871	1,791	1,774	1,742	1,709	1,655
PT-13 Direct Man-Hours	39	45	45	45	42	30	16	5	5	5	5	5	5
All Other Direct Man-Hours	12	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,128	2,251	2,230	2,195	2,165	2,010	1,953	1,901	1,821	1,804	1,772	1,739	1,685
Aver. Hrs. per Direct Worker in Month	216	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	9,871	9,961	9,869	9,712	9,580	8,894	8,642	8,412	8,058	7,982	7,841	7,694	7,454
Total Net Employment	21,907	21,607	21,454	21,193	20,966	20,079	19,738	19,423	18,952	18,805	18,520	18,230	17,929
	OCT.												
B-29 Direct Man-Hours	2,138	2,160	2,125	2,098	1,955	1,912	1,871	1,791	1,774	1,742	1,709	1,655	1,611
PT-13D Direct Man-Hours	55	45	45	42	30	16	5	5	5	5	5	5	5
All Other Direct Man-Hours	15	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,208	2,230	2,195	2,165	2,010	1,953	1,901	1 821	1,804	1 772	1,739	1,685	1,641
Aver. Hrs. per Direct Worker in Month	233	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	9,486	9,869	9,712	9,580	8,894	8,642	8,412	8,058	7,982	7,841	7,694	7,454	7,262
Total Net Employment	21,269	21,154	20,893	20,666	19,779	19,438	19,123	18 652	18 305	18 220	17,930	17,629	17,376
	NOV.												
B-29 Direct Man-Hours	2,077	2,135	2,074	2,000	1,991	1,974	1,958	1,947	1,936	1,924	1,913	1,899	1,880
PT-13D Direct Man-Hours	40	40	24	5	5	5	5	5	5	5	5	5	5
All Other Direct Man-Hours	18	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,135	2,200	2,123	2,030	2,021	2,004	1,988	1,977	1,966	1,954	1,943	1 929	1,910
Aver. Hrs. per Direct Worker in Month	230	226	226	226	226	226	226	226	226	226	226	226	226
Net Direct Employment	9,269	9,733	9,304	8,983	8,943	8,869	8,796	8,746	8,697	8,648	8,599	8 536	8,452
Total Net Employment	20,899	20,346	19,759	19,161	19,068	18,950	18,816	18,729	18,627	18,538	18,419	18 262	18,080
	DEC.												
B-29 Direct Man-Hours	1,939	2,149	2,078	2,018	1,969	1,950	1,947	1,936	1 925	1 914	1,900	1 881	1,875
PT-13D Direct Man-Hours	33	25	15	5	5	5	5	5	5	5	5	5	5
All Other Direct Man-Hours	24	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	1,996	2,199	2,118	2,048	1,999	1,980	1,977	1,966	1,955	1 944	1,930	1,911	1,905
Aver. Hrs. per Direct Worker in Month	221	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	9,025	9,103	8,827	8,532	8,329	8,248	8,239	8,193	8,146	8,100	8,041	7,962	7,939
Total Net Employment	20,749	20,176	19,726	19,234	18,875	18,650	18,562	18,464	18,375	18 256	18,102	17,920	17,816
	1945 JAN.												
B-29 Direct Man-Hours	2,155	2,114	2,042	1,981	1,950	1 947	1 941	1,914	1 880	1 849	1 819	1 792	1,770
PT-13D Direct Man-Hours	37	15	5	5	5	5	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man Hours	2,214	2,154	2,072	2,011	1 980	1,977	1 966	1,939	1,905	1 874	1 844	1 817	1 795
Aver. Hrs. per Direct Worker in Month	245	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	9,027	8,977	8,633	8,380	8,248	8,239	8,193	8,078	7,939	7,810	7,685	7,570	7,478
Total Net Employment	20,847	20,187	19,599	19,139	18 622	18,526	18,405	18,232	17,979	17,717	17,465	17,234	17,082
	FEB.												
B-29 Direct Man-Hours	1,850	2,048	1,882	1,825	1,791	1,767	1,739	1,723	1,700	1,679	1,660	1,643	1,637
PT-13D Direct Man-Hours	12	5	5	5	5	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	14	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	1,876	2,078	1,912	1,855	1,821	1,792	1,764	1,748	1 725	1,704	1 685	1,668	1,662
Aver. Hrs. per Direct Worker in Month	210	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	8,918	8,659	7,965	7,730	7,590	7,467	7,352	7 283	7,188	7,100	7,021	6,950	6,925
Total Net Employment	20,523	19,801	18,441	18,027	17,786	17,554	17,365	17,197	16,975	16,766	16,578	16,451	16,387
	MAR.												
B-29 Direct Man-Hours	1,978	1,867	1,801	1,767	1,743	1,715	1,679	1,646	1,614	1,586	1,558	1,533	1,510
PT-13D Direct Man-Hours	6	5	5	5	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,006	1,897	1,831	1,797	1,768	1,740	1,704	1,671	1,639	1,611	1,583	1,558	1,535

TABLE 9. LABOR REQUIREMENTS - REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month; Average Direct and Total Employment in Units)

BOEING AIRPLANE CO. PLANTS 1 and 2 (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAR.												
Aver. Hrs. per Direct Worker in Month	239	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	8,395	7,903	7,928	7,487	7,365	7,249	7,101	6,963	6,830	6,713	6,597	6,490	6,395
Total Net Employment	19,499	18,404	17,[illegible]30		17,312	17,068	16,778	16,462	16,167	15,908	15,785	15,670	15,569
	APR.												
B-29 Direct Man Hours	1,702	1,783	1,767	1,743	17,15	1,679	1,646	1,614	1,586	1,558	1,533	1,510	1,488
PT-13D Direct Man Hours	3	5	5	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	17	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man Hours	1,722	1 813	1,797	1 768	1 740	1,704	1,671	1,639	1,611	1,583	1,558	1,535	1,513
Aver. Hrs. per Direct Worker in Month	218	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	7,882	7,554	7 487	7,365	7,249	7,101	6,963	6,830	6,713	6,597	6,490	6,395	6,305
Total Net Employment	18,318	17,732	17 590	17 312	17,068	16,778	16,462	16,167	15,908	15,785	15,670	15,569	15,472
	MAY												
B-29 Direct Man Hours	1,739	1,679	1,672	1,662	1,628	1,599	1,571	1,547	1,524	1,498	1,475	1,453	1,432
PT-13D Direct Man Hours	4	5	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	22	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man Hours	1,765	1,709	1,697	1,687	1,653	1,624	1,596	1,572	1,549	1,523	1,500	1,478	1,457
Aver. Hrs. per Direct Worker in Month	236	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	7,490	7,122	7,071	7,028	6,886	6,766	6,650	6,551	6,455	6,346	6,251	6,158	6,072
Total Net Employment	17,368	16,570	16,429	16,235	15,967	15,746	15,554	15,411	15,315	15,194	15,088	14,978	14,884
	JUNE												
B-29 Direct Man-Hours	1,549	1,691	1,682	1,650	1,618	1,588	1,562	1,536	1,512	1,488	1,466	1,446	1,430
PT-13D Direct Man Hours	6	5	4	4	4	4	4	4	4	4	4	4	4
All Other Direct Man-Hours	16	20	20	20	20	20	20	20	20	20	20	20	20
Total Direct Man Hours	1,571	1,716	1,706	1,674	1,642	1,612	1,586	1,560	1,536	1,512	1,490	1,470	1,454
Aver. Hrs. per Direct Worker in Month	220	240	240	240	240	240	240	240	240	240	240	240	240
Net Direct Employment	7,146	7,151	7,108	6,975	6,843	6,717	6,607	6,499	6,398	6,301	6,209	6,123	6,057
Total Net Employment	16,487	16,429	16,235	15,967	15,746	15,554	15,411	15,315	15,194	15,088	14,978	14,884	14,800

BREWSTER AERO. CORP., LONG ISLAND CITY, JOHNSVILLE, and NEWARK (Newark deleted after July 1943)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
SB2A Direct Man-Hours	480	307	332	350	355	342	313	266	213	153	—	—	—
SB2A-4 Direct Man-Hours	394	228	228	224	202	149	54	—	—	—	—	—	—
340-14 Direct Man-Hours	949	941	1,005	1,030	1,022	974	900	780	619	443	243	88	—
F3A-1 Direct Man-Hours	38	89	178	357	538	745	950	1,254	1,460	1,730	1,982	2,140	2,250
All Other Man-Hours	668	670	655	641	624	613	604	90[1]	105	113	117	115	122
Total Direct Man-Hours	2,529	2,235	2,398	2,602	2,741	2,823	2,821	2,390	2,397	2,439	2,342	2,343	2,372
Aver. Hrs. per Direct Worker in Month	226	224	224	224	225	224	224	223	224	224	223	223	224
Direct Workers	11,183	9,933[1]	10,700	11,600	12,200	12,600	12,600	10,700	10,700	10,900	10,500	10,500	10,600
Total Employees	17,092	15,833	16,625	17,550	18,175	18,600	18,600	16,100	16,100	16,300	15,900	15,900	16,000
	FEB.												
SB2A Direct Man-Hours	383	385	390	394	395	381	337	250	183	—	—	—	—
SB2A-4 Direct Man-Hours	300	250	230	202	149	54	770	608	350	—	—	—	—
340-14 Direct Man-Hours	900	902	903	904	904	861	—	—	—	—	—	—	—
F3A-1 Direct Man-Hours	120	200	250	306	623	880	1,199	1,509	1,789	2,109	2,150	2,399	2,399
All Other Direct Man-Hours	638	632	618	605	593	581	570	559	555	553	505	105	105
Total Direct Man-Hours	2,341	2,369	2,391	2,411	2,664	2,757	2,878	2,926	2,877	2,662	2,655	2,504	2,504
Aver. Hrs. per Direct Worker in Month	225	225	225	224	224	224	224	224	224	224	224	224	224
Direct Workers	10,405	10,529	10,627	10,763	11,893	12,308	12,839	13,062	12,844	11,884	11,853	11,179	11,179
Total Employees	16,355	16,479	16,577	16,738	17,893	18,308	18,839	19,062	18,844	17,884	17,853	17,154	17,154
	MAR.												
SB2A 1, 2, 3 Direct Man-Hours	391	394	394	395	381	337	250	183	—	—	—	—	—
SB2A 4, Direct Man Hours	280	230	202	149	54	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	900	904	904	904	861	770	608	350	—	—	—	—	—
F3A-1 Direct Man-Hours	180	236	293	577	815	1,111	1,397	1,657	1,954	1,992	2,223	2,223	2,223
All Other Direct Man-Hours	629	621	607	594	581	570	559	555	553	505	105	105	105
Total Direct Man-Hours	2,380	2,385	2,390	2,619	2,692	2,788	2,814	2 746	2,507	2,497	2,328	2,328	2,328
Aver. Hrs. per Direct Worker in Month	225	225	225	224	224	224	224	224	224	224	224	224	224
Direct Workers	10,578	10,600	10,622	11,692	12,018	12,446	12,562	12,254	11,192	11,147	10,393	10,393	10,393
Total Employees	17,440	17,490	17,526	19,292	19,830	20,536	20,727	20,219	18,467	18,393	17,148	17,148	17,148
	APR.												
SB2A-1 2, 3 Direct Man-Hours	350	318	313	311	293	270	236	195	130	—	—	—	—
SB2A 4 Direct Man Hours	342	226	193	148	107	81	23	—	—	—	—	—	—
340-14 Direct Man-Hours	782	714	733	735	730	727	644	419	139	182	—	—	—
F3A-1 Direct Man-Hours	327	435	564	696	800	1,017	1,238	1,560	1,845	2,050	2,235	2,235	2,235
All Other Direct Man-Hours	636	607	594	581	570	559	555	553	405	105	105	105	105
Total Direct Man-Hours	2,437	2,300	2,397	2,471	2,558[1]	2,654	2,698	2,727	2,319	2,337	2,340	2,340	2,340

BREWSTER AERO. CORP., LONG ISLAND CITY, JOHNSVILLE, and NEWARK (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 APR.												
Aver. Hrs. per Direct Worker in Month	225	225	225	225	225	225	225	225	225	224	224	224	224
Direct Workers	10,833	10,223	10,654	10,985	11,370	11,797	11,985	12,121	11 196	10 435	10,450	10 450	450
Total Employees	17 973	16,939	17,775	18,460	19,250	19,982	20,294	20,578	18 946	18,685	18,685	18,685	18 685
	MAY												
SB2A-1, 2, 3 Direct Man-Hours	330	313	311	293	270	236	195	130	—	—	—	—	—
SB2A-4 Direct Man Hours	232	193	148	107	81	23	—	—	—	—	—	—	—
340-14 Direct Man-Hours	729	733	735	730	727	644	419	182	139	—	—	—	—
F3A-1 Direct Man-Hours	377	544	696	800	1,017	1,238	1,560	1,845	2 050	2,235	2,235	2 235	2 235
All Other Direct Man-Hours	675	668	649	635	623	615	607	443	110	100	110	110	110
Total Direct Man-Hours	2,343	2,446[3]	2,449[3]	2,565	2,718	2,756	2,781	2,600	2,299	2,345	2,345	2,345	2 345
Aver. Hrs. per Direct Worker in Month	221	220	217	217	221	221	221	217	217	217	217	217	217
Direct Workers	10,602	11,118	11,286	11,820	12,299	12,471	12,584	11,981	10,594	10,806	10,806	10,806	10 806
Total Employees	17,499	18,239	18,761	19,700	20,484	20,780	21,041	19,731	18,844	19,041	19,041	19,041	19 041
	JUNE												
SB2A-1, 2, 3 Direct Man-Hours	328	311	293	270	236	195	130	—	—	—	—	—	—
SB2A-4, Direct Man-Hours	229	148	107	81	23	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	730	735	730	727	644	419	182	139	—	—	—	—	—
F3A-1 Direct Man-Hours	504	785	954	1,143	1,250	1,435	1,685	1,825	2,020	2,140	2,235	2,235	2,235
All Other Direct Man-Hours	609	610	611	622	636	646	656	661	661	661	661	661	661
Total Direct Man-Hours	2,400	2,589	2,695	2,843	2,789	2,695	2,653	2,625	2,681	2,801	2,896	2,896	2,896
Aver. Hrs. per Direct Worker in Month	218	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	11,275	11,768	12,250	12,923	12,677	12,250	12,059	11,932	12,186	12,732	13,164	13,164	13 164
Total Employees	18,642	19,243	20,130	21,068	20,667	20,130	19,809	19,662	20,036	20,757	21,399	21,399	21,399
	JULY												
SB2A-1, 2, 3 Direct Man-Hours	360	293	270	236	195	130	—	—	—	—	—	—	—
SB2A-4 Direct Man-Hours	185	107	81	23	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	815	730	727	644	419	182	139	—	—	—	—	—	—
F3A-1 Direct Man-Hours	622	954	1,143	1,250	1,435	1,685	1,825	2,020	2,140	2,262	2,262	2,262	2,262
All Other Direct Man-Hours	551	611	622	636	646	656	661	661	661	661	661	661	661
Total Direct Man-Hours	2,533	2,695	2,843	2,789	2,695	2,653	2,625	2,681	2,801	2,923	2,923	2,923	2,923
Aver. Hrs. per Direct Worker in Month	215	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	12,033	12,250	12,923	12,677	12,250	12,059	11,932	12,186	12,732	13,286	13,286	13,286	13,286
Total Employees	19,851	20,130	21,068	20,667	20,130	19,809	19,662	20,036	20,757	21,521	21,521	21,521	21 521
	AUG.	(Long Island City and Johnsville only)											
SB2A-1, 2, 3 Direct Man-Hours	327	318	270	217	130	—	—	—	—	—	—	—	—
SB2A-4 Direct Man-Hours	118	81	32	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	803	913	820	656	399	238	—	—	—	—	—	—	—
F3A-1 Direct Man-Hours	1,048	1,143	1,342	1,535	1,785	2,051	2,070	2,140	2,140	2,140	2,140	2,140	2 140
All Other Direct Man-Hours	521	622	636	646	656	661	661	661	661	661	661	661	661
Total Direct Man-Hours	2,817	3,077	3,100	3,054	2,970	2,950	2,731	2,801	2,801	2,801	2,801	2,801	2,801
Aver. Hrs. per Direct Worker in Month	255	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N R	N R
Direct Workers	11,029	11,880	11,915	11,682	11,200	11,009	10,014	10,227	10,227	10,227	10,227	10,227	10 227
Total Employees	18,334	19,194	19,225	18,829	18,105	17,826	16,224	16,627	16,627	16,627	16,627	16,627	16,627
	SEPT.												
SB2A-1, 2, 3 Direct Man-Hours	293	270	217	130	—	—	—	—	—	—	—	—	—
SB2A-4 Direct Man-Hours	74	32	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	842	—	—	—	—	—	—	—	—	—	—	—	—
F3A-1 Direct Man-Hours	1,056	1,342	1,535	1,785	2,051	2,070	2,140	2,140	2,140	2,140	2,140	2,140	2 140
All Other Direct Man-Hours	119	118	118	118	110	110	110	110	110	110	110	110	110
Total Direct Man-Hours	2,384	1,762	1,870	2,033	2,161	2,180	2,250	2,250	2,250	2,250	2,250	2,250	2 250
Aver. Hrs. per Direct Worker in Month	208	215	215	215	224	224	224	224	224	224	224	224	224
Direct Workers	11,446	8,195	8,698	9,456	9,047	9,732	10 045	10,045	10,045	10 045	10,045	10,045	10 045
Total Employees	18,955	15,505	15,845	16,361	16,464	15,942	16,445	16,445	16,445	16,445	16 445	16,445	16 445
	OCT.												
SB2A-1, 2, 3 Direct Man-Hours	312	210	120	70	—	—	—	—	—	—	—	—	—
SB2A-4 Direct Man-Hours	85	10	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	79	100	60	—	—	—	—	—	—	—	—	—	—
F3A-1 Direct Man-Hours	1 475	1,725	2,100	2,219	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	—
All Other Direct Man-Hours	118	118	118	110	110	110	110	110	110	110	110	110	—
Total Direct Man-Hours	2,069	2,163	2,398	2,399	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	—
Aver. Hrs. per Direct Worker in Month	220	214	215	215	215	215	215	215	215	215	215	215	—
Direct Workers	9,405	10,155	11,158	11,159	10,465	10,465	10,465	10,465	10,465	10,465	10,465	10,465	—
Total Employees	17,127	17,935	19,073	19,073	17,214	17,214	17,214	17,214	17,214	17,214	17,214	17,214	—
	NOV.												
SB2A-1, 2, 3 Direct Man-Hours	220	120	70	—	—	—	—	—	—	—	—	—	—
SB2A-4 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
F3A-1 Direct Man-Hours	1,814	2,100	2,219	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

FAIRCHILD AERO. CORP., LONG ISLAND CITY and JOHNSVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast For Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
All Other Direct Man Hours	318	318	310	110	110	110	110	110	110	110	110	—	—
Total Direct Man Hours	1,952	1,838	2,399	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	—	—
Aver Hrs per Direct Worker in Month	206	215	215	215	215	215	215	215	215	215	215	—	—
Direct Workers	9,483	8,784	11,159	10,465	10,465	10,465	10,465	10,465	10,465	10,465	10,465	—	—
Total Employees	17,671	16,586	20,073	17,214	17,214	17,214	17,214	17,214	17,214	17,214	17,214	—	—
	DEC.												
SB2A Direct Man Hours	71	—	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
F3A Direct Man-Hours	1,590	1,528	1,506	1,508	1,513	1,498	1,467	1,443	1,396	1,363	1,204	—	—
All Other Direct Man-Hours	66	65	64	64	56	56	56	56	56	56	56	—	—
Total Direct Man-Hours	1,734	1,593	1,570	1,572	1,569	1,554	1,523	1,499	1,452	1,419	1,260	—	—
Aver Hrs per Direct Worker in Month	210	210	210	210	210	210	210	210	210	210	210	—	—
Direct Workers	8,258	7,585	7,475	7,485	7,470	7,400	7,250	7,140	6,915	6,738	6,000	—	—
Total Employees	13,553	14,385	13,768	13,057	12,995	12,418	12,120	11,832	11,443	11,122	10,190	—	—
	1944 JAN.[2]												
SB2A Direct Man Hours	36	—	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	30	—	—	—	—	—	—	—	—	—	—	—	—
F3A Direct Man Hours	1,133	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	104	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,303	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	202	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,463	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	14,938	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
SB2A Direct Man-Hours	29	5	2	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man Hours	31	10	5	—	—	—	—	—	—	—	—	—	—
F3A Direct Man-Hours	1,034	1,051	1,021	980	949	925	885	844	809	795	780	735	714
All Other Direct Man-Hours	107	104	99	99	99	85	85	85	70	35	25	25	25
Total Direct Man-Hours	1,201	1,170	1,137[3]	1,076[3]	1,043[3]	1,010	970	929	879	830	805	763[3]	739
Aver Hrs per Direct Worker in Month	201	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	5,975	5,573	5,412	5,124	4,966	4,808	4,622	4,425	4,188	3,951	3,832	3,635	3,517
Total Employees	13,760	12,835	12,464	11,800	11,436	11,072	10,644	10,190	9,644	9,098	8,825	8,371	8,099
	MAR.												
SB2A Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
F3A Direct Man-Hours	1,079	1,067	1,021	953	911	863	820	785	777	249	—	—	—
All Other Direct Man-Hours	102	99	99	94	85	85	85	70	50	25	—	—	—
Total Direct Man-Hours	1,185	1,166	1,120	1,047	996	948	905	855	827	274	—	—	—
Aver Hrs per Direct Worker in Month	201	210	210	210	210	210	210	210	210	210	—	—	—
Direct Workers	5,883	5,553	5,335	4,986	4,747	4,516	4,311	4,072	3,941	1,307	—	—	—
Total Employees	13,508	12,750	12,250	11,450	10,900	10,370	9,900	9,350	9,050	3,001	—	—	—
	APR.[23]												
SB2A Direct Man-Hours	8	—	—	—	—	—	—	—	—	—	—	—	—
340-14 Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
F3A Direct Man-Hours	965	1,021	953	911	863	820	785	777	249	—	—	—	—
All Other Direct Man-Hours	93	99	94	85	85	85	70	50	25	—	—	—	—
Total Direct Man-Hours	1,068	1,120	1,047	996	948	905	855	827	274	—	—	—	—
Aver Hrs per Direct Worker in Month	196	210	210	210	210	210	210	210	210	—	—	—	—
Direct Workers	5,437	5,335	4,986	4,747	4,516	4,311	4,072	3,941	1,307	—	—	—	—
Total Employees	11,908	12,250	11,450	10,900	10,370	9,900	9,350	9,050	3,001	—	—	—	—

BUDD MFG. CO., PHILADELPHIA

ITEM	Report Month (Actual)	Forecast For Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
RB-1 Direct Man-Hours	40	100	190	305	372	460	503	545	667	788	1,005	1,304	1,722
All Other Direct Man-Hours	591	554	629	604	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	631	654	819	909	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	184	172	196	188	—	—	—	—	—	—	—	—	—
Direct Workers	3,430	3,802	4,178	4,835	—	—	—	—	—	—	—	—	—
Total Employees	9,459	9,992	10,648	11,530	—	—	—	—	—	—	—	—	—
	FEB.												
RB-1 Direct Man-Hours	73	190	305	372	460	503	545	667	788	1,005	1,304	1,722	2,180
All Other Direct Man-Hours	552	677	650	637	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	625	867	955	1,009	—	—	—	—	—	—	—	—	—

BUDD MFG. CO., PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
Aver Hrs per Direct Worker in Month	172	194	186	182	—	—	—	—	—	—	—	—	—
Direct Workers	3,636	4,469	5,134	5,544	—	—	—	—	—	—	—	—	—
Total Employees	10,159	11,790	12,760	1,3364	—	—	—	—	—	—	—	—	—
	MAR.[28]												
RB-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	—	—	—	—	—	—	—	—	—	—	—	—	—
	APR.												
RB-1 Direct Man-Hours	134	440	574	666	745	878	1,050	1,364	1,932	2,175	2,555	2,855	3,101
All Other Direct Man-Hours	610	557	526	504	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	744	997	1,100	1,170	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	183	186	190	—	—	—	—	—	—	—	—	—
Direct Workers	4,069	5,441	5,923	6,158	—	—	—	—	—	—	—	—	—
Total Employees	11,177	12,857	13,122	13,167	—	—	—	—	—	—	—	—	—
	MAY												
RB-1 Direct Man-Hours	152	323	440	574	666	745	878	1,050	1,364	1,932	2,175	2,555	2,855
All Other Direct Man-Hours	549	515	510	550	550	550	550	550	550	550	550	550	550
Total Direct Man-Hours	701	838	950	1,124	1,216	1,295	1,428	1,600	1,914	2,482	2,725	3,105	3,405
Aver. Hrs. per Direct Worker in Month	182	185	190	186	190	190	190	190	190	190	190	190	190
Direct Workers	3,844	4,522	4,999	6,053	6,478	6,894	7,594	8,499	10,152	13,140	14,420	16,420	17,999
Total Employees	11,413	11,967	12,623	14,552	15,145	15,701	16,603	17,637	20,034	24,366	26,222	29,122	31,411
	JUNE												
RB-1 Direct Man-Hours	173	592	717	904	1,086	1,149	1,272	1,529	1,902	2,049	2,231	2,427	2,619
All Other Direct Man-Hours	500	530	550	550	550	550	550	550	550	550	550	550	550
Total Direct Man-Hours	673	1,122	1,267	1,454	1,636	1,699	1,822	2,079	2,452	2,599	2,781	2,977	3,169
Aver. Hrs. per Direct Worker in Month	185	190	188	187	190	190	190	190	190	190	190	190	190
Direct Workers	3,643	5,905	6,756	7,762	8,611	8,942	9,590	10,942	12,905	13,679	14,637	15,668	16,679
Total Employees	11,396	13,776	14,788	15,832	16,808	17,235	17,988	19,629	21,367	22,874	24,264	25,759	27,225
	JULY												
RB-1 Direct Man-Hours	267	717	904	1,086	1,149	1,272	1,529	1,902	2,049	2,231	2,427	2,619	2,783
All Other Direct Man-Hours	479	500	525	560	560	560	560	560	560	560	560	560	560
Total Direct Man-Hours	746	1,217	1,429	1,646	1,709	1,832	2,089	2,462	2,609	2,791	2,987	3,179	3,343
Aver. Hrs. per Direct Worker in Month	201	194	194	191	190	190	190	190	190	190	190	190	190
Direct Worker	3,716	6,283	7,379	8,624	8,994	9,642	10,994	12,957	13,731	14,689	15,720	16,731	17 593
Total Employees	11,660	14,505	15,829	17,462	17,903	18,639	20,240	22,600	23,475	24,644	25,888	27,354	28,604
	AUG.												
RB-1 Direct Man-Hours	354	717	904	1,086	1,149	1,272	1,529	1,902	2,049	2,231	2,427	2,619	2,783
All Other Direct Man-Hours	584	600	650	675	675	675	675	675	675	675	675	675	675
Total Direct Man-Hours	938	1,317	1,554	1,761	1,824	1,947	2,204	2,577	2,724	2,906	3,102	3,294	3,458
Aver. Hrs per Direct Worker in Month	210	209	206	210	201	201	202	202	202	202	202	202	202
Direct Workers	4,467	6,286	7,525	8,393	9,062	9 668	10,928	12,757	13,488	14,377	15,344	16,281	17,088
Total Employees	12,819	14,801	16,511	17,530	18,447	19,086	20,375	22,450	23,250	24,389	25,793	27 151	28,321
	SEPT.												
RB-1 Direct Man-Hours	380	410	440	470	515	580	680	780	880	980	1,080	1 200	1,360
All Other Direct Man-Hours	648	725	775	775	775	775	775	775	775	775	775	775	775
Total Direct Man-Hours	1,034	1,135	1,215	1,245	1,290	1 355	1,455	1,555	1 655	1,755	1,855	1,975	2 135
Aver Hrs per Direct Worker in Month	195	200	201	201	201	201	201	201	201	201	202	202	202
Direct Workers	5,296	5,667	6,044	6,192	6,414	6,735	7,227	7,720	8,213	8,706	9,198	9,787	10 577
Total Employees	14,268	15,067	15,828	15,996	16,230	16,583	17,090	17,603	18,127	18,651	19,177	19,779	20,630
	OCT.												
RB-1 Direct Man-Hours	434	440	470	515	580	680	780	880	980	1,080	1,200	1,360	1,565
All Other Direct Man-Hours	694	775	775	775	775	775	775	775	775	775	775	775	775
Total Direct Man-Hours	1,128	1,215	1,245	1,290	1,355	1,455	1,555	1,655	1,755	1,855	1,975	2,135	2,340
Aver Hrs per Direct Worker in Month	193	201	201	201	201	201	201	201	201	201	202	202	202
Direct Workers	5,830	6,044	6,192	6,414	6,735	7,227	7 720	8,213	8,706	9,198	9,787	10 577	11,390
Total Employees	15,271	15,828	15,996	16,230	16,583	17,090	17,603	18,127	18,651	19,177	19,779	20,630	21,711
	NOV.												
RB-1 Direct Man-Hours	498	560	620	685	750	820	900	980	1,080	1,200	1,360	1 565	1,790
All Other Direct Man-Hours	659	650	660	660	660	660	660	660	660	660	660	660	660
Total Direct Man-Hours	1,157	1,210	1,280	1,345	1,410	1,480	1,560	1,640	1,740	1,860	2,020	2,225	2,450
Aver Hrs. per Direct Worker in Month	184	188	188	188	188	188	189	189	189	189	190	190	190
Direct Workers	6,303	6,444	6,810	7,149	7,487	7,852	8,265	8,679	9,197	9,816	10,655	11,731	12,909
Total Employees	16,051	16,381	16,793	17,170	17,525	17,910	18,398	18,865	19,419	20,100	20,959	22,130	23,411

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

BUDD MFG. CO., PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.[1]												
RB-1 Direct Man-Hours	572	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	674	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,246	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	181	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,894	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	16,923	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.												
RB-1 Direct Man-Hours	682	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	682	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,364	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	177	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	7,686	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	17,994	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
RB-1 Direct Man-Hours	717	810	810	810	810	810	810	810	810	810	810	—	—
All Other Direct Man-Hours	664	817	819	832	827	785	753	720	665	630	604	—	—
Total Direct Man-Hours	1,381	1,627	1,629	1,642	1,637	1,595	1,563	1,530	1,475	1,440	1,414	—	—
Aver. Hrs. per Direct Worker in Month	171	179	179	179	179	180	180	180	180	180	180	—	—
Direct Workers	8,080	9,065	9,080	9,150	9,125	8,885	8,700	8,515	8,200	8,000	7,850	—	—
Total Employees	18,615	19,935	19,965	20,100	20,065	19,720	19,450	19,135	18,600	18,260	18,000	—	—
	MAR.												
RB-1 Direct Man-Hours	770	810	810	810	810	810	810	810	810	810	810	810	810
All Other Direct Man-Hours	782	747	735	723	720	720	720	720	720	720	720	720	720
Total Direct Man-Hours	1,552	1,557	1,545	1,533	1,530	1,530	1,530	1,530	1,530	1,530	1,530	1,530	1,530
Aver. Hrs. per Direct Worker in Month	190	182	182	182	182	182	182	182	182	182	182	182	182
Direct Workers	8,168	8,548	8,480	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400	8,400
Total Employees	18,719	18,798	18,646	18,495	18,500	18,500	18,500	18,500	18,500	18,500	18,500	18,500	18,500
	APR.												
RB-1 Direct Man-Hours	638	709	745	778	810	810	810	810	810	810	810	810	810
All Other Direct Man-Hours	636	660	665	658	652	652	652	652	652	652	652	652	652
Total Direct Man-Hours	1,274	1,369	1,410	1,436	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462
Aver. Hrs. per Direct Worker in Month	161	181	182	182	182	182	182	182	182	182	182	182	182
Direct Workers	7,897	7,570	7,745	7,880	8,020	8,020	8,020	8,020	8,020	8,020	8,020	8,020	8,020
Total Employees	18,164	17,485	17,645	17,730	17,820	17,820	17,820	17,820	17,820	17,820	17,820	17,820	17,820
	MAY												
RB-1 Direct Man-Hours	620	606	366	316	158	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	647	629	629	638	608	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,267	1,235	995	954	766	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	173	173	175	175	172	—	—	—	—	—	—	—	—
Net Direct Employment	7,326	7,134	5,697	5,452	4,456	—	—	—	—	—	—	—	—
Total Net Employment	17,312	16,859	13,467	12,887	10,529	—	—	—	—	—	—	—	—
	JUNE												
RB-1 Direct Man-Hours	431	344	279	135	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	662	664	668	638	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,093	1,008	947	773	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	171	171	171	170	—	—	—	—	—	—	—	—	—
Net Direct Employment	6,407	5,898	5,534	4,555	—	—	—	—	—	—	—	—	—
Total Net Employment	15,347	14,111	13,227	10,958	—	—	—	—	—	—	—	—	—
	JULY												
RB-1 Direct Man-Hours	231	145	76	25	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	644	640	600	575	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	876[3]	785	676	600	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	166	182	166	174	—	—	—	—	—	—	—	—	—
Net Direct Employment	5,277	4,310	4,082	3,442	—	—	—	—	—	—	—	—	—
Total Net Employment	12,664	10,539	10,094	8,604	—	—	—	—	—	—	—	—	—
	AUG.												
RB-1 Direct Man-Hours	95	70	25	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	694	625	600	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	789	659	625	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	171	166	174	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	4,603	4,198	3,586	—	—	—	—	—	—	—	—	—	—
Total Net Employment	11,311	10,415	8,941	—	—	—	—	—	—	—	—	—	—

BUDD MFG. CO., PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
RB-1 Direct Man-Hours	63	26	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	677	650	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	740	676	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	177	174	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	4,177	3,877	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	10,742	9,682	—	—	—	—	—	—	—	—	—	—	—
	OCT.[23]												
RB-1 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	700	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	707	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	181	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	3,900	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	10,378	—	—	—	—	—	—	—	—	—	—	—	—

CESSNA AIRCRAFT, WICHITA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
AT-17 Direct Man-Hours	624	662	662	662	662	662	662	662	662	550	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	624	662	662	662	662	662	662	662	662	550	—	—	—
Aver. Hrs. per Direct Worker in Month	196	195	200	195	195	195	200	195	195	195	—	—	—
Direct Workers	3,189	3,395	3,310	3,395	3,395	3,395	3,310	3,395	3,395	2,820	—	—	—
Total Employees	5,609	5,820	5,735	5,820	5,820	5,820	5,735	5,820	5,820	5,245	—	—	—
	FEB.												
UC-78 Direct Man-Hours	630	662	662	662	662	662	662	662	363	239	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	630	662	662	662	662	662	662	662	363	239	—	—	—
Aver. Hrs. per Direct Worker in Month	195	195	195	195	195	195	195	195	195	195	—	—	—
Direct Workers	3,223	3,395	3,395	3,395	3,395	3,395	3,395	3,395	1,862	1,226	—	—	—
Total Employees	5,680	5,895	5,895	5,895	5,895	5,895	5,895	5,895	4,362	3,726	—	—	—
	MAR.[21]												
UC-78 Direct Man-Hours	685	662	662	662	662	662	662	662	662	662	384	265	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	685	662	662	662	662	662	662	662	662	662	384	265	—
Aver. Hrs. per Direct Worker in Month	208	195	195	195	195	195	195	195	195	195	195	195	—
Direct Workers	3,293	3,395	3,395	3,395	3,395	3,395	3,395	3,395	3,395	3,395	1,969	1,359	—
Total Employees	5,838	5,945	5,945	5,945	5,945	5,945	5,945	5,945	5,945	5,945	4,519	3,909	—
	APR.												
UC-78 Direct Man-Hours	646	525	525	525	525	525	525	525	525	525	525	462	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	646	525	525	525	525	525	525	525	525	525	525	462	—
Aver. Hrs. per Direct Worker in Month	197	175	175	175	175	175	175	175	175	175	175	175	—
Direct Workers	3,276	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	2,640	—
Total Employees	5,982	5,600	5,600	5,600	5,600	5,600	5,600	5,500	5,500	5,500	5,500	5,140	—
	MAY												
UC-78 Direct Man-Hours	550	609	609	609	609	609	504	452	452	399	294	189	189
C-106A Direct Man-Hours	—	—	—	—	—	—	75	135	135	200	300	400	400
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	550	609	609	609	609	609	579	587	587	599	594	589	589
Aver. Hrs. per Direct Worker in Month	182	180	180	180	180	180	175	175	175	180	180	180	180
Direct Workers	3,022	3,383	3,383	3,383	3,383	3,383	3,309	3,354	3,354	3,327	3,300	3,272	3,272
Total Employees	5,770	5,983	5,983	5,983	5,983	5,983	5,909	5,954	5,954	5,927	5,900	5,872	5,872
	JUNE												
UC-78 Direct Man-Hours	527	609	609	609	609	504	452	452	399	294	189	189	189
C-106A Direct Man-Hours	—	—	—	—	—	75	135	135	200	300	400	400	400
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	527	609	609	609	609	579	587	587	599	594	589	589	589
Aver. Hrs. per Direct Worker in Month	193	180	180	180	180	175	175	175	180	180	180	180	180
Direct Workers	2,727	3,383	3,383	3,383	3,383	3,309	3,354	3,354	3,327	3,300	3,272	3,272	3,272
Total Employees	5,422	5,983	5,983	5,983	5,983	5,909	5,954	5,954	5,927	5,900	5,872	5,872	5,872
	JULY												
UC-78 Direct Man-Hours	497	580	580	580	580	580	520	460	430	330	230	150	120
C-106A Direct Man-Hours	—	—	—	—	—	—	65	125	153	252	352	432	460
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	497	580	580	580	580	580	585	585	583	582	582	582	580

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CESSNA AIRCRAFT, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
Aver. Hrs. per Direct Worker in Month	[illegible]	191	191	191	191	191	191	191	191	191	191	191	191
Direct Workers	[illegible]	3,037	3,037	3,037	3,037	3,037	3,063	3,063	3,052	3,047	3,047	3,047	3,037
Total Employees	5,575	5,837	5,837	5,837	5,837	5,837	5,863	5,863	5,852	5,847	5,847	5,847	5,837
	AUG.												
UC-78 Direct Man-Hours	552	580	580	580	580	580	520	460	430	330	230	150	120
C-106A Direct Man-Hours	—	—	—	—	—	—	65	125	153	252	352	432	460
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	552	580	580	580	580	580	585	585	583	582	582	582	580
Aver. Hrs. per Direct Worker in Month	196	191	191	191	191	191	191	191	191	191	191	191	191
Direct Workers	2,820	3,037	3,037	3,037	3,037	3,037	3,063	3,063	3,052	3,047	3,047	3,047	3,037
Total Employees	5,764	5,837	5,837	5,837	5,837	5,837	5,863	5,863	5,852	5,847	5,847	5,847	5,837
	SEPT.												
UC-78 Direct Man-Hours	559	572	572	572	572	512	452	422	324	224	144	118	118
C-106A Direct Man-Hours	—	—	—	—	—	65	125	153	250	350	430	454	454
All Other Direct Man Hours	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	561	574	574	574	574	579	579	577	576	576	576	574	574
Aver. Hrs. per Direct Worker in Month	196	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	2,862	2,944	2,944	2,944	2,944	2,970	2,970	2,959	2,954	2,954	2,954	2,944	2,944
Total Employees	5,841	5,837	5,837	5,837	5,837	5,863	5,863	5,852	5,847	5,847	5,847	5,837	5,837
	OCT.												
UC-78 Direct Man-Hours	562	504	504	572	512	452	422	274	176	76	76	—	—
All Other Direct Man-Hours	3	70	70	2	67	127	155	302	400	500	498	574	574
Total Direct Man-Hours	565	574	574	574	579	579	577	576	576	576	574	574	574
Aver. Hrs. per Direct Worker in Month	195	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	2,902	2,944	2,944	2,944	2,970	2,970	2,959	2,954	2,954	2,954	2,944	2,944	2,944
Total Employees	5,910	5,837	5,837	5,837	5,863	5,863	5,852	5,847	5,847	5,847	5,837	5,837	5,837
	NOV.												
UC-78 Direct Man-Hours	533	572	572	512	452	422	274	176	76	76	—	—	—
All Other Direct Man-Hours	6	2	2	67	127	155	302	400	500	498	574	574	574
Total Direct Man-Hours	539	574	574	579	579	577	576	576	576	574	574	574	574
Aver. Hrs. per Direct Worker in Month	184	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	2,935	2,944	2,944	2,970	2,970	2,959	2,954	2,954	2,954	2,944	2,944	2,944	2,944
Total Employees	5,953	5,837	5,837	5,863	5,863	5,852	5,847	5,847	5,847	5,837	5,837	5,837	5,837
	DEC.												
UC-78 Direct Man-Hours	426	427	436	280	180	78	24	—	—	—	—	—	—
All Other Direct Man-Hours	137	161	163	165	202	322	388	431	413	418	419	430	435
Total Direct Man-Hours	563	588	599	445	382	400	412	431	413	418	419	430	435
Aver. Hrs. per Direct Worker in Month	184	184	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	3,063	3,189	3,240	2,405	2,064	2,161	2,225	2,330	2,234	2,262	2,266	2,326	2,349
Total Employees	6,173	6,304	6,285	5,010	4,264	4,416	4,445	4,480	4,259	4,212	4,216	4,301	4,324
	1944 JAN.[1]												
UC-78 Direct Man-Hours	427	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	161	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	588	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	184	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,189	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6,304	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
UC-78 Direct Man-Hours	367	255	81	39	21	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	180	190	301	361	391	431	413	418	419	430	435	436	450
Total Direct Man-Hours	547	445	382	400	412	431	413	418	419	430	435	436	450
Aver. Hrs. per Direct Worker in Month	177	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	3,092	2,405	2,064	2,161	2,225	2,330	2,234	2,262	2,266	2,326	2,349	2,355	2,432
Total Employees	6,095	5,010	4,264	4,416	4,445	4,480	4,259	4,212	4,216	4,301	4,324	4,355	4,432
	MAR.												
UC-78 Direct Man-Hours	154	64	64	18	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	236	318	336	394	431	413	418	419	430	435	436	450	474
Total Direct Man-Hours	390	382	400	412	431	413	418	419	430	435	436	450	474
Aver. Hrs. per Direct Worker in Month	161	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	2,422	2,064	2,161	2,225	2,330	2,234	2,262	2,266	2,326	2,349	2,355	2,432	2,564
Total Employees	5,099	4,264	4,416	4,445	4,480	4,259	4,212	4,216	4,301	4,324	4,355	4,432	4,589
	APR.[11]												
UC-78 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	303	317	329	361	367	394	419	442	446	447	462	487	502
Total Direct Man-Hours	303	317	329	361	367	394	419	442	446	447	462	487	502

CESSNA AIRCRAFT, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.[11]												
Aver. Hrs. per Direct Worker in Month	167	175	175	175	175	180	185	190	190	190	90	190	190
Direct Workers	1,818	1,811	1,879	2,061	2,098	2,190	2,266	2,326	2,349	2,355	2,432	2,564	2,641
Total Employees	4,184	4,066	4,099	4,211	4,123	4,140	4,216	4,301	4,324	4,355	4,432	4,589	4,666

CHANCE-VOUGHT, STRATFORD

	1943 JAN.												
F4U-1 Direct Man-Hours	1,184	1,125	1,332	1,346	1,409	1,469	1,589	1,609	1,669	1,669	1,669	1,733	1,669
YR-4A Direct Man-Hours	13	12	15	15	16	16	18	18	18	18	18	19	18
All Other Direct Man-Hours	119	63	133	135	141	147	159	161	167	167	167	174	167
Total Direct Man-Hours	1,316	1,250[3]	1,480	1,496	1,566	1,632	1,766	1,788	1,854	1,854	1,854	1,926	1,854
Aver. Hrs. per Direct Worker in Month	220	203	229	220	220	220	229	220	220	220	220	229	220
Direct Workers	5,973	6,150	6,471	6,792	7,113	7,413	7,721	8,120	8,420	8,420	8,420	8,420	8,420
Total Employees	10,915	11,121	11,763	12,405	13,047	13,538	13,951	14,550	15,000	15,000	15,000	15,000	15,000
	FEB.												
F4U-1 Direct Man-Hours	1,223	1,332	1,346	1,410	1,469	1,589	1,609	1,669	1,669	1,669	1,733	1,669	1,541
YR-4A Direct Man-Hours	14	15	15	16	16	18	18	18	18	18	19	19	17
All Other Direct Man-Hours	122	133	135	140	147	159	161	167	167	167	174	166	154
Total Direct Man-Hours	1,359	1,480	1,496	1,566	1,632	1,766	1,788	1,854	1,854	1,854	1,926	1,854	1,712
Aver. Hrs. per Direct Worker in Month	218	229	220	220	220	229	220	220	220	220	229	220	203
Direct Workers	6,229	6,471	6,792	7,113	7,413	7,721	8,120	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	11,391	11,763	12,405	13,047	13,538	13,951	14,550	15,000	15,000	15,000	15,000	15,000	15,000
	MAR.												
F4U-1 Direct Man-Hours	1,301	1,346	1,410	1,469	1,589	1,609	1,669	1,669	1,669	1,733	1,669	1,541	1,733
YR-4A Direct Man-Hours	14	15	16	16	18	18	18	18	18	19	18	17	19
All Other Direct Man-Hours	130	135	141	147	159	161	167	167	167	173	167	154	173
Total Direct Man-Hours	1,445	1,496	1,567	1,632	1,766	1,788	1,854	1,854	1,854	1,926[3]	1,854	1,712	1,925
Aver. Hrs. per Direct Worker in Month	219	220	220	220	229	220	220	220	220	229	220	203	229
Direct Workers	6,612	6,792	7,113	7,413	7,721	8,120	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	11,792	12,405	13,047	13,538	13,951	14,550	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	APR.												
F4U-1 Direct Man-Hours	1,304	1,410	1,469	1,589	1,609	1,669	1,669	1,669	1,733	1,669	1,541	1,733	1,669
YR-4A Direct Man-Hours	15	16	16	18	18	18	18	18	19	19	17	19	19
All Other Direct Man-Hours	131	140	147	159	161	167	167	167	174	166	154	174	166
Total Direct Man-Hours	1,450	1,566	1,632	1,766	1,788	1,854	1,854	1,854	1,926	1,854	1,712	1,926	1,854
Aver. Hrs. per Direct Worker in Month	221	220	220	229	220	220	220	220	229	220	203	229	220
Direct Workers	6,571	7,113	7,413	7,721	8,120	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	12,032	13,047	13,538	13,951	14,550	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	MAY												
F4U-1 Direct Man-Hours	1,184	1,469	1,589	1,609	1,669	1,669	1,669	1,669	1,669	1,669	1,669	1,669	1,669
YR-4A Direct Man-Hours	26	16	18	18	18	18	18	18	18	18	18	18	18
All Other Direct Man-Hours	151	145	153	160	164	167	167	167	167	167	167	167	167
Total Direct Man-Hours	1,361	1,630	1,760	1,787	1,851	1,854	1,854	1,854	1,854	1,854	1,854	1,854	1,854
Aver. Hrs. per Direct Worker in Month	205	220	228	220	220	220	220	220	220	220	220	220	220
Direct Workers	6,638	7,413	7,721	8,120	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	12,353	13,538	13,951	14,550	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	JUNE												
F4U-1 Direct Man-Hours	1,237	1,383	1,430	1,555	1,714	1,703	1,766	1,766	1,766	1,766	1,766	1,766	1,766
All Other Direct Man-Hours	97	103	123	159	209	240	287	298	294	294	295	295	295
Total Direct Man-Hours	1,334	1,486	1,553	1,714	1,923	1,943	2,053	2,064	2,060	2,060	2,061	2,061	2,061
Aver. Hrs. per Direct Worker in Month	204	189	191	204	228	231	244	245	245	245	245	245	245
Direct Workers	6,552	7,721	8,120	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	12,287	13,951	14,550	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	JULY												
F4U-1 Direct Man-Hours	1,355	1,430	1,555	1,714	1,703	1,766	1,766	1,766	1,766	1,766	1,766	1,766	1,766
All Other Direct Man-Hours	88	123	159	209	240	287	298	294	294	295	295	295	295
Total Direct Man-Hours	1,443	1,553	1,714	1,923	1,943	2,053	2,064	2,060	2,060	2,061	2,061	2,061	2,061
Aver. Hrs. per Direct Worker in Month	222	191	204	228	231	244	245	245	245	245	245	245	245
Direct Workers	6,491	8,120	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	12,491	14,550	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
	AUG.												
F4U-1 Direct Man-Hours	1,312	1,555	1,714	1,703	1,766	1,766	1,766	1,766	1,766	1,766	1,766	1,766	1,766
All Other Direct Man-Hours	88	159	209	240	287	297	294	294	295	295	295	295	295
Total Direct Man-Hours	1,401[3]	1,714	1,923	1,943	2,053	2,064[4]	2,060	2,060	2,061	2,061	2,061	2,061	2,061
Aver. Hrs. per Direct Worker in Month	218	204	228	231	244	245	245	245	245	245	245	245	245
Direct Workers	6,416	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420	8,420
Total Employees	12,641	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CHANCE VOUGHT, STRATFORD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.[1]												
F4U-1 Direct Man-Hours	1,340	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	90	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,430	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	233	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,285	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	12,748	—	—	—	—	—	—	—	—	—	—	—	—
	OCT.												
F4U-1 Direct Man-Hours	1,365	1,437	1,478	1,454	1,473	1,496	1,462	1,440	1,417	1,417	1,417	1,417	1,417
All Other Direct Man-Hours	99	121	122	130	131	140	140	140	140	140	140	140	140
Total Direct Man-Hours	1,464	1,558	1,600	1,584	1,604	1,636	1,602	1,580	1,557	1,557	1,557	1,557	1,557
Aver. Hrs. per Direct Worker in Month	239	248	250	244	244	245	240	235	232	232	232	232	232
Direct Workers	6,135	6,275	6,400	6,480	6,585	6,675	6,690	6,713	6,713	6,713	6,713	6,713	6,713
Total Employees	12,763	12,950	13,130	13,265	13,425	13,570	13,640	13,718	13,773	13,828	13,883	13,943	14,000
	NOV.												
F4U-1 Direct Man-Hours	1,330	1,478	1,454	1,473	1,496	1,462	1,440	1,417	1,417	1,417	1,417	1,417	1,417
All Other Direct Man-Hours	117	121	129	131	140	140	140	140	140	140	140	140	140
Total Direct Man-Hours	1,447	1,599	1,583	1,604	1,636	1,602	1,580	1,557	1,557	1,557	1,557	1,557	1,557
Aver. Hrs. per Direct Worker in Month	236	250	244	244	245	240	235	232	232	232	232	232	232
Direct Workers	6,126	6,400	6,480	6,585	6,675	6,690	6,713	6,713	6,713	6,713	6,713	6,713	6,713
Total Employees	12,882	13,130	13,265	13,425	13,570	13,640	13,718	13,773	13,828	13,883	13,943	14,000	14,000
	DEC.												
F4U-1 Direct Man-Hours	1,230	1,220	1,205	1,170	1,038	1,084	1,029	1,008	993	869	776	505	155
XF4U-4 Direct Man-Hours	—	—	—	1	2	6	15	44	76	150	197	698	1,071
All Other Direct Man-Hours	124	143	151	162	171	174	176	176	177	176	177	176	177
Total Direct Man-Hours	1,354	1,363	1,356	1,333	1,211	1,264	1,220	1,228	1,246	1,195	1,150	1,379	1,403
Aver. Hrs. per Direct Worker in Month	217	217	216	217	189	208	202	192	208	192	211	226	215
Direct Workers	6,245	6,280	6,280	6,150	6,410	6,080	6,040	6,400	6,000	6,230	5,450	6,099	6,539
Total Employees	13,276	13,600	13,600	13,470	13,730	13,400	13,360	13,720	13,320	13,550	12,770	13,419	13,600
	1944 JAN.[2]												
F4U-1 Direct Man-Hours	1,273	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	130	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,403	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	223	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,323	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	13,550	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.[2]												
F4U-1 Direct Man-Hours	1,195	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	124	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,319	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	214	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,152	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	13,508	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
F4U-1 Direct Man-Hours	1,160	945	976	920	904	888	767	654	222	23	—	—	—
F4U-4 Direct Man-Hours	—	5	12	25	78	113	192	303	737	952	1,078	1,001	1,105
All Other Direct Man-Hours	218	251	276	272	272	287	268	280	275	262	276	252	279
Total Direct Man-Hours	1,378	1,201	1,264	1,217	1,254	1,288	1,227	1,237	1,234	1,237	1,354	1,253	1,384
Aver. Hrs. per Direct Worker in Month	230	205	222	214	220	226	215	217	213	207	218	200	221
Direct Workers	5,995	5,858	5,700	5,700	5,700	5,700	5,700	5,700	5,800	5,974	6,211	6,263	6,277
Total Employees	13,429	13,358	13,100	13,000	13,000	12,975	12,950	12,900	12,975	13,124	13,361	13,413	13,427
	APR.												
F4U-1 Direct Man Hours	933	996	940	924	908	787	674	242	23	—	—	—	—
F4U-4 Direct Man-Hours	—	12	25	78	113	192	303	736	972	1,098	1,021	1,125	1,077
All Other Direct Man-Hours	159	220	222	222	220	215	215	215	215	215	215	215	215
Total Direct Man Hours	1,092	1,228	1,187	1,224	1,241	1,194	1,192	1,193	1,210	1,313	1,236	1,340	1,292
Aver Hrs per Direct Worker in Month	191	219	212	219	222	213	213	209	206	215	203	220	212
Direct Workers	5,726	5,600	5,600	5,600	5,600	5,600	5,600	5,700	5,900	6,100	6,100	6,100	6,100
Total Employees	13,164	13,000	12,900	12,900	12,875	12,850	12,800	12,875	13,050	13,250	13,250	13,250	13,250
	MAY												
F4U-1 Direct Man-Hours	1,037	917	857	829	721	682	468	70	—	—	—	—	—
F4U-4 Direct Man-Hours	2	16	46	119	224	386	588	889	1,041	903	996	952	1,043
All Other Direct Man-Hours	107	109	109	103	91	94	94	86	94	86	94	91	99
Total Direct Man-Hours	1,146	1,042	1,012	1,051	1,036	1,162	1,150	1,045	1,135	989	1,090	1,043	1,142

CHANCE-VOUGHT, STRATFORD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
Aver. Hrs. per Direct Worker in Month	224	204	195	208	190	199	199	181	199	181	199	190	208
Net Direct Employment	5,127	5,100	5,184	5,048	5,447	5,835	5,774	5,772	5,700	5,460	5,475	5,485	5,482
Total Net Employment	11,618	11,673	11,751	11,596	11,970	12,965	12,879	12,852	12,780	12,440	12,555	12,565	12,082
	JUNE												
F4U-1 Direct Man-Hours	906	857	829	721	682	468	70	—	—	—	—	—	—
F4U-4 Direct Man-Hours	11	46	119	224	386	588	889	1,041	903	996	952	1,043	954
All Other Direct Man-Hours	143	109	103	91	94	94	86	94	86	94	91	99	90
Total Direct Man-Hours	1,060	1,012	1,051	1,036	1,162	1,150	1,045	1,135	989	1,090	1,043	1,142	1,044
Aver. Hrs. per Direct Worker in Month	217	195	208	190	199	199	181	199	181	199	190	208	190
Net Direct Employment	4,891	5,184	5,048	5,447	5,835	5,774	5,772	5,700	5,460	5,475	5,485	5,482	5,491
Total Net Employment	11,351	11,757	11,596	11,970	12,965	12,879	12,852	12,780	12,540	12,555	12,565	12,082	11,991
	JULY												
F4U-1 Direct Man-Hours	859	829	721	682	468	70	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	26	119	224	386	588	889	1,041	903	996	952	1,043	954	992
All Other Direct Man-Hours	87	103	91	94	94	86	94	86	94	91	99	90	94
Total Direct Man-Hours	972	1,051	1,036	1,162	1,150	1,045	1,135	989	1,090	1,043	1,142	1,044	1,086
Aver. Hrs. per Direct Worker in Month	200	208	190	199	199	181	199	181	199	190	208	190	199
Net Direct Employment	4,860	5,048	5,447	5,836	5,773	5,770	5,700	5,464	5,475	5,484	5,484	5,491	5,452
Total Net Employment	11,280	11,596	11,970	12,966	12,878	12,850	12,780	12,544	1,2555	12,564	12,084	11,991	11,952
	AUG.												
F4U-1 Direct Man-Hours	851	721	682	468	70	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	84	224	386	588	889	1,041	903	996	952	1,043	954	992	1,030
All Other Direct Man-Hours	97	91	94	94	86	94	86	94	91	99	90	94	99
Total Direct Man-Hours	1,032	1,036	1,162	1,150	1,045	1,135	989	1,090	1,043	1,142	1,044	1,086	1,129
Aver. Hrs. per Direct Worker in Month	212	190	199	199	181	199	181	199	190	208	190	199	208
Net Direct Employment	4,878	5,447	5,835	5,774	5,772	5,700	5,460	5,475	5,485	5,482	5,491	5,453	5,420
Total Net Employment	11,344	11,970	12,965	12,879	12,852	12,780	12,540	12,555	12,565	12,082	11,991	11,953	11,920
	SEPT.												
F4U-1 Direct Man-Hours	839	746	429	89	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	119	354	648	846	1,025	906	970	907	983	874	877	901	773
All Other Direct Man-Hours	92	90	89	78	85	78	75	72	90	82	86	90	78
Total Direct Man-Hours	1,050	1,190	1,166	1,013	1,110	984	1,055[3]	989[3]	1,073	956	963	991	851
Aver. Hrs. per Direct Worker in Month	213	205	205	186	205	186	205	195	216	196	205	216	186
Net Direct Employment	4,921	5,810	5,690	5,440	5,420	5,285	5,150	5,060	4,960	4,890	4,700	4,580	4,570
Total Net Employment	11,549	12,610	12,490	12,240	12,120	11,985	11,850	11,660	11,560	11,390	11,200	11,080	11,070
	OCT.												
F4U-1 Direct Man-Hours	834	429	89	—	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	168	648	846	1,025	906	970	907	983	874	877	901	773	879
All Other Direct Man-Hours	93	89	78	85	78	85	82	90	82	86	90	78	90
Total Direct Man-Hours	1,095	1,166	1,013	1,110	984	1,055	989	1,073	956	963	991	851	969
Aver. Hrs. per Direct Worker in Month	221	205	186	205	186	205	195	216	196	205	216	186	216
Net Direct Employment	4,957	5,690	5,440	5,420	5,285	5,150	5,060	4,960	4,890	4,700	4,580	4,570	4,475
Total Net Employment	11,646	12,490	12,240	12,120	11,985	11,850	11,660	11,560	11,390	11,200	11,080	11,070	10,975
	NOV.												
F4U-1 Direct Man-Hours	734	89	—	—	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	286	846	1,025	906	970	907	983	874	877	901	773	879	831
All Other Direct Man-Hours	88	78	85	78	85	82	90	82	86	90	78	90	86
Total Direct Man-Hours	1,108	1,013	1,110	984	1,055	989	1,073	956	963	991	851	969	917
Aver. Hrs. per Direct Worker in Month	220	186	205	186	205	195	216	196	205	216	186	216	205
Net Direct Employment	5,042	5,440	5,420	5,285	5,150	5,060	4,960	4,890	4,700	4,580	4,570	4,478	4,475
Total Net Employment	11,712	12,240	12,120	11,985	11,850	11,660	11,560	11,390	11,200	11,080	11,070	10,975	10,975
	DEC.												
F4U-1 Direct Man-Hours	279	28	15	29	15	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	710	1,148	1,068	1,207	1,161	1,314	1,251	1,306	1,359	1,229	1,359	1,289	1,193
All Other Direct Man-Hours	82	112	99	110	108	112	117	121	126	114	126	138	150
Total Direct Man-Hours	1,071	1,288	1,182	1,346	1,282	1,426	1,368	1,427	1,485	1,343	1,485	1,427	1,343
Aver. Hrs. per Direct Worker in Month	208	229	201	225	210	229	216	220	229	207	229	220	207
Net Direct Employment	5,140	5,637	5,869	5,990	6,093	6,249	6,342	6,501	6,499	6,500	6,499	6,501	6,500
Total Net Employment	11,803	12,365	12,489	12,418	12,239	12,331	12,313	12,395	12,495	12,595	13,295	13,295	13,295
	1945 JAN.												
F4U-1 Direct Man-Hours	77	15	28	15	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	1,108	1,068	1,207	1,161	1,314	1,251	1,306	1,359	1,229	1,359	1,289	1,193	1,252
All Other Direct Man-Hours	78	99	110	108	112	117	121	126	114	126	138	150	165
Total Direct Man-Hours	1,263	1,182	1,346	1,282	1,426	1,368	1,427	1,485	1,343	1,485	1,427	1,343	1,417

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

CHANCE VOUGHT, STRATFORD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
Aver. Hrs. per Direct Worker in Month	232	201	[illegible]	210	229	216	220	220	207	229	220	207	229
Net Direct Employment	5,435	5,869	5,990	6,093	6,241	6,342	6,301	6,499	6,500	6,499	6,501	6,500	6,201
Total Net Employment	11,996	12,489	12,418	12,239	12,331	12,313	12,395	12,495	12,595	13,295	13,295	13,295	12,700
	FEB.												
F4U-1 Direct Man-Hours	32	12	8	4	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	1,086	1,212	1,117	1,182	1,093	1,101	1,141	1,029	1,136	1,088	1,066	1,127	990
All Other Direct Man-Hours	56	114	116	134	132	135	141	127	141	136	133	141	124
Total Direct Man-Hours	1,174	1,338	1,241	1,320	1,225	1,236	1,282	1,156	1,277	1,224	1,199	1,268	1,114
Aver. Hrs. per Direct Worker in Month	206	227	208	226	213	217	226	204	226	217	213	226	199
Net Direct Employment	5,711	5,907	5,966	5,844	5,740	5,698	5,673	5,656	5,650	5,638	5,619	5,611	5,590
Total Net Employment	12,234	12,418	12,239	12,331	12,313	12,395	12,495	12,595	13,295	13,295	13,295	13,253	13,227
	MAR.												
F4U-1 Direct Man-Hours	34	8	4	—	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	1,162	1,117	1,182	1,093	1,101	1,141	1,029	1,136	1,088	1,066	1,127	990	1,055
All Other Direct Man-Hours	79	116	134	132	135	141	127	141	136	133	141	124	133
Total Direct Man-Hours	1,275	1,241	1,320	1,225	1,236	1,282	1,156	1,277	1,224	1,199	1,268	1,114	1,188
Aver. Hrs. per Direct Worker in Month	222	208	226	213	217	226	204	226	217	213	226	199	213
Net Direct Employment	5,751	5,962	5,840	5,737	5,694	5,673	5,654	5,650	5,636	5,617	5,610	5,591	5,567
Total Net Employment	12,275	12,439	12,331	12,237	12,194	12,163	12,134	12,130	12,106	12,077	12,070	12,041	11,967
	APR.												
F4U-1 Direct Man-Hours	10	—	—	—	—	—	—	—	—	—	—	—	—
F4U-4 Direct Man-Hours	1,081	1,162	1,039	1,008	1,003	888	979	—	—	—	—	—	—
All Other Direct Man-Hours	118	152	146	154	161	152	168	—	—	—	—	—	—
Total Direct Man-Hours	1,209	1,314	1,185	1,162	1,168[3]	1,039[3]	1,147	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	211	225	213	216	225	204	225	—	—	—	—	—	—
Net Direct Employment	5,730	5,837	5,570	5,371	5,190	5,100	5,095	—	—	—	—	—	—
Total Net Employment	12,199	12,357	11,746	11,381	11,270	11,249	11,391	—	—	—	—	—	—
	MAY												
	4	—	—	—	—	—	—	—	—	—	—	—	—
F4U-1 Direct Man-Hours	1,132	972	961	987	868	978	937	—	—	—	—	—	—
F4U-4 Direct Man-Hours	121	148	184	208	191	217	208	—	—	—	—	—	—
All Other Direct Man-Hours	1,257	1,120	1,145	1,195	1,059	1,195	1,145	—	—	—	—	—	—
Total Direct Man-Hours	226	196	199	206	182	205	197	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	5,567	5,726	5,750	5,790	5,829	5,829	5,829	—	—	—	—	—	—
Net Direct Employment	11,885	11,932	11,831	11,913	12,000	12,149	12,174	—	—	—	—	—	—
Total Net Employment													
	JUNE												
	5	—	—	—	—	—	—	—	—	—	—	—	—
F4U-1 Direct Man-Hours	1,018	995	1,013	889	1,002	960	888	—	—	—	—	—	—
F4U-4 Direct Man-Hours	119	126	134	127	144	138	128	—	—	—	—	—	—
All Other Direct Man-Hours	1,142	1,121	1,147	1,016	1,146	1,098	1,016	—	—	—	—	—	—
Total Direct Man-Hours	212	199	205	182	205	196	182	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	5,399	5,628	5,597	5,590	5,590	5,590	5,590	—	—	—	—	—	—
Net Direct Employment	11,598	11,658	11,713	11,956	12,164	12,174	11,934	—	—	—	—	—	—
Total Net Employment													

COLUMBIA AIRCRAFT CORP., VALLEY STREAM, N. Y.

	1943 APR.												
	32	79	126	173	220	267	314	364	364	364	364	364	364
J2F-6 Direct Man-Hours	117	99	83	67	61	35	18	—	—	—	—	—	—
All Other Direct Man-Hours	149	178	209	240	271[4]	302	332	364	364	364	364	364	364
Total Direct Man-Hours	222	220	220	220	220	220	220	220	220	220	220	220	220
Aver. Hrs. per Direct Worker in Month	671	811	951	1,091	1,231	1,371	1,511	1,655	1,655	1,655	1,655	1,655	1,655
Direct Workers	973	1,149	1,325	1,501	1,677	1,853	2,029	2,207	2,207	2,207	2,207	2,207	2,207
Total Employees													
	MAY 48	101	154	207	260	313	364	364	364	364	364	364	364
J2F-6 Direct Man-Hours	114	103	82	61	40	19	—	—	—	—	—	—	—
All Other Direct Man-Hours	162	204	236	268	300	332	364	364	364	364	364	364	364
Total Direct Man-Hours	208	220	220	220	220	220	220	220	220	220	220	220	220
Aver. Hrs. per Direct Worker in Month	780	926	1,072	1,218	1,364	1,510	1,655	1,655	1,655	1,655	1,655	1,655	1,655
Direct Workers	1,174	1,346	1,518	1,690	1,862	2,034	2,207	2,207	2,207	2,207	2,207	2,207	2,207
Total Employees													
	JUNE 122	157	192	227	262	297	332	364	364	364	364	364	364
J2F-6 Direct Man-Hours	136	76	63	50	36	23	10	—	—	—	—	—	—
All Other Direct Man-Hours	258	233	255	277	298	320	342	364	364	364	364	364	364
Total Direct Man-Hours	259	220	220	220	220	220	220	220	220	220	220	220	220
Aver. Hrs. per Direct Worker in Month	960	1,050	1,150	1,257	1,356	1,455	1,554	1,655	1,655	1,655	1,655	1,655	1,655
Direct Workers	1,445	1,554	1,663	1,772	1,881	1,990	2,099	2,207	2,207	2,207	2,207	2,207	2,207
Total Employees													

J2F-6 Direct Man-Hours			226										
All Other Direct Man-Hours		8	59	[illegible]		30	[illegible]						
Total Direct Man-Hours	4		285			[illegible]	364			4			
Aver. Hrs. per Direct Worker in Month			220			[illegible]	220						
Direct Workers						[illegible]							
Total Employees	1,719	1,618	1,297			[illegible]	2,207					207	207
	1,660	1,751	1,842										
	AUG												
J2F-6 Direct Man-Hours	167	215	263	[illegible]	[illegible]	407	407	407	407	407			407
All Other Direct Man-Hours	81	71	53	35	18	—	—	—	—	—			—
Total Direct Man-Hours	248	286	316	346	377	407	407	407	[illegible]	[illegible]	20	20	20
Aver. Hrs. per Direct Worker in Month	214	220	220	[illegible]	220	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,850	1,850
Direct Workers	1,160	1,298	1,436	1,574	1,712	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,550	[illegible]
Total Employees	1,776	1,931	2,086	2,241	2,396	[illegible]	2,550	2,550	2,550	[illegible]	[illegible]		
	SEPT.												
J2F-6 Direct Man-Hours	202	236	270	304	338	372	407	407	[illegible]	[illegible]			407
All Other Direct Man-Hours	56	45	36	28	19	10	—	—	—	—			—
Total Direct Man-Hours	258	281	306	332	357	382	407	407	407		97	407	407
Aver. Hrs. per Direct Worker in Month	222	220	220	220	220	220	220	220	20	[illegible]	220	220	[illegible]
Direct Workers	1,162	1,277	1,392	1,507	1,622	1,737	1,850	1,850	1,850	[illegible]	1,850	1,850	[illegible]
Total Employees	1,866	1,997	2,128	2,259	2,390	2,521	2,650	2,650	2,650	[illegible]	850	2,650	850
	OCT.												
J2F-6 Direct Man-Hours	217	244	271	298	325	352	379	407	407	407	407	[illegible]	407
All Other Direct Man-Hours	50	45	37	30	23	16	8	—	—	—	—	—	—
Total Direct Man-Hours	267	289	308	328	348	368	387	407	407	407	407	407	407
Aver. Hrs. per Direct Worker in Month	218	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	1,223	1,313	1,402	1,492	1,581	1,671	1,760	1,850	1,850	1,850	1,850	1,850	1,850
Total Employees	1,980	2,076	2,171	2,267	2,362	2,458	2,553	2,650	2,650	2,650	2,650	2,650	2,650
	NOV.												
J2F-6 Direct Man-Hours	238	262	278	295	311	327	347	347	347	347	347	347	347
All Other Direct Man-Hours	33	28	23	18	13	8	—	—	—	—	—	—	—
Total Direct Man-Hours	271	290	301	313	324	335	347	347	347	347	347	347	347
Aver. Hrs. per Direct Worker in Month	214	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	1,268	1,319	1,370	1,421	1,472	1,523	1,575	1,575	1,575	1,575	1,575	1,575	1,575
Total Employees	2,065	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
	DEC.												
J2F-6 Direct Man-Hours	238	283	304	325	347	347	347	347	347	347	347	347	347
All Other Direct Man-Hours	16	12	8	4	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	254	295	312	329	347	347	347	347	347	347	347	347	347
Aver. Hrs. per Direct Worker in Month	201	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers[14]	1,262	1,340	1,418	1,496	1,575	1,575	1,575	1,575	1,575	1,575	1,575	1,575	1,575
Total Employees[14]	2,125	2,129	2,133	2,137	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140
	1944 JAN.												
J2F-6 Direct Man-Hours	262	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	14	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	276	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,330	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	2,067	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
J2F-6 Direct Man-Hours	226	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	248	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,386	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	2,022	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
J2F-6 Direct Man-Hours	254	278	302	325	347	347	347	347	347	347	347	347	—
All Other Direct Man-Hours	22	18	10	4	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	276	296	312	329	347	347	347	347	347	347	347	347	—
Aver. Hrs. per Direct Worker in Month	201	210	210	210	210	210	210	210	210	210	210	210	—
Direct Workers	1,375	1,425	1,475	1,525	1,575	1,575	1,575	1,575	1,575	1,575	1,575	1,575	—
Total Employees	2,006	2,041	2,075	2,110	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

COLUMBIA AIRCRAFT CORP., VALLEY STREAM, N. Y. (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
J2F-6 Direct Man Hours	247	281	314	347	347	347	347	347	347	347	347	——	——
All Other Direct Man Hours	16	14	18	—	——	——	——	——	——	——	——	——	——
Total Direct Man Hours	263	295	332	347	347	347	347	347	347	347	347	——	——
Aver. Hrs. per Direct Worker in Month	190	210	210	210	210	210	210	210	210	210	210	——	——
Direct Workers	1,384	1,447	1,580	1,652	1,652	1,652	1,652	1,652	1,652	1,652	1,652	——	——
Total Employees	2,009	2,052	2,096	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	——	——
	MAY												
J2F-6 Direct Man Hours	281	277	277	278	278	276	277	277	274	274	——	——	——
All Other Direct Man-Hours	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Direct Man-Hours	281	277	277	278	278	276	277	277	274	274	——	——	——
Aver. Hrs. per Direct Worker in Month	204	202	210	210	210	195	195	195	194	194	——	——	——
Net Direct Employment	1,377	1,371	1,315	1,315	1,315	1,415	1,415	1,415	1,420	1,420	——	——	——
Total Net Employment	1,994	1,956	1,865	1,865	1,865	2,025	2,025	2,030	2,035	2,035	——	——	——
	JUNE												
J2F-6 Direct Man Hours	270	275	277	277	275	276	276	273	273	——	——	——	——
All Other Direct Man-Hours	——	——	——	——	——	——	——	——	——	——	——	——	——
Total Direct Man-Hours	270	275	277	277	275	276	276	273	273	——	——	——	——
Aver. Hrs. per Direct Worker in Month	197	210	210	210	195	195	195	194	194	——	——	——	——
Net Direct Employment	1,365	1,310	1,319	1,315	1,410	1,415	1,415	1,420	1,420	——	——	——	——
Total Net Employment	1,968	1,865	1,865	1,865	2,025	2,025	2,030	2,030	2,035	——	——	——	——
	JULY												
J2F-6 Direct Man Hours	270	275	275	275	275	275	273	273	——	——	——	——	——
All Other Direct Man-Hours	0	0	1	1	2	2	3	3	——	——	——	——	——
Total Direct Man-Hours	270	275	276	276	277	277	276	276	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	198	204	204	192	192	192	191	191	——	——	——	——	——
Net Direct Employment	1,362	1,350	1,350	1,440	1,445	1,440	1,445	1,445	——	——	——	——	——
Total Net Employment	1,946	1,900	1,900	2,050	2,055	2,055	2,060	2,060	——	——	——	——	——
	AUG.												
J2F-6 Direct Man-Hours	304	288	290	285	285	282	282	——	——	——	——	——	——
All Other Direct Man-Hours	0	1	1	2	2	3	3	——	——	——	——	——	——
Total Direct Man-Hours	304	289	291	287	287	285	285	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	227	225	225	225	210	220	220	——	——	——	——	——	——
Net Direct Employment	1,342	1,280	1,289	1,267	1,357	1,282	1,282	——	——	——	——	——	——
Total Net Employment	1,917	2,000	1,924	1,892	1,982	1,907	1,907	——	——	——	——	——	——
	SEPT.												
J2F-6 Direct Man-Hours	278	282	284	285	282	282	282	——	——	——	——	——	——
All Other Direct Man-Hours	13	10	15	20	25	25	25	——	——	——	——	——	——
Total Direct Man-Hours	281[3]	292	299	305	307	307	307	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	203	200	203	210	210	211	211	——	——	——	——	——	——
Net Direct Employment	1,386	1,457	1,466	1,448	1,463	1,452	1,452	——	——	——	——	——	——
Total Net Employment	1,901	1,997	2,026	2,028	2,043	2,052	2,052	——	——	——	——	——	——
	OCT.												
J2F-6 Direct Man-Hours	295	291	290	287	289	285	282	——	——	——	——	——	——
All Other Direct Man-Hours	15	20	20	20	25	25	25	——	——	——	——	——	——
Total Direct Man-Hours	310	311	310	307	314	310	305[3]	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	213	212	211	209	213	210	207	——	——	——	——	——	——
Net Direct Employment	1,458	1,465	1,465	1,470	1,470	1,475	1,475	——	——	——	——	——	——
Total Net Employment	1,992	2,015	2,025	2,040	2,050	2,065	2,075	——	——	——	——	——	——
	NOV.												
J2F-6 Direct Man-Hours	281	283	277	274	280	282	282	——	——	——	——	——	——
All Other Direct Man-Hours	26	30	35	35	40	40	40	——	——	——	——	——	——
Total Direct Man-Hours	307	313	312	309	320	322	322	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	208	210	209	206	211	214	214	——	——	——	——	——	——
Net Direct Employment	1,477	1,489	1,496	1,500	1,515	1,502	1,502	——	——	——	——	——	——
Total Net Employment	2,093	2,109	2,121	2,125	2,130	2,132	2,132	——	——	——	——	——	——
	DEC.												
J2F-6 Direct Man-Hours	285	287	277	289	280	282	282	——	——	——	——	——	——
All Other Direct Man Hours	6	10	20	30	30	40	40	——	——	——	——	——	——
Total Direct Man-Hours	291	297	297	319	310	322	322	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	198	202	201	216	210	216	216	——	——	——	——	——	——
Net Direct Employment	1,481	1,470	1,478	1,477	1,476	1,491	1,491	——	——	——	——	——	——
Total Net Employment	2,081	2,095	2,095	2,105	2,110	2,120	2,120	——	——	——	——	——	——

COLUMBIA AIRCRAFT CORP., VALLEY STREAM, N. Y. (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
J2F-6 Direct Man-Hours	265	265	280	280	280	280	——	——	——	——	——	——	——
All Other Direct Man-Hours	8	10	15	20	20	20	——	——	——	——	——	——	——
Total Direct Man-Hours	273	275	295	300	300	300	——	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	193	194	205	206	206	206	——	——	——	——	——	——	——
Net Direct Employment	1,417	1,418	1,439	1,456	1,456	1,456	——	——	——	——	——	——	——
Total Net Employment	2,033	2,035	2,052	2,072	2,075	2,075	——	——	——	——	——	——	——
	FEB.												
J2F-6 Direct Man-Hours	225	170	140	143	120	120	120	120	——	——	——	——	——
All Other Direct Man-Hours	36	45	70	90	110	130	140	140	——	——	——	——	——
Total Direct Man-Hours	261	215	210	223[3]	230	250	260	260	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	190	158	155	160	170	181	190	188	——	——	——	——	——
Net Direct Employment	1,377	1,361	1,355	1,394	1,353	1,381	1,368	1,383	——	——	——	——	——
Total Net Employment	1,982	1,963	1,953	1,953	1,963	1,973	1,983	1,993	——	——	——	——	——
	MAR.												
J2F-6 Direct Man-Hours	208	186	147	125	125	125	125	——	——	——	——	——	——
All Other Direct Man-Hours	49	60	80	100	120	130	130	——	——	——	——	——	——
Total Direct Man-Hours	257	246	227	225	245	255	255	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	204	198	183	190	194	201	201	——	——	——	——	——	——
Net Direct Employment	1,258	1,245	1,240	1,184	1,260	1,270	1,270	——	——	——	——	——	——
Total Net Employment	1,840	1,820	1,800	1,810	1,820	1,840	1,840	——	——	——	——	——	——
	APR.												
J2F-6 Direct Man-Hours	154	154	159	159	149	110	100	——	——	——	——	——	——
All Other Direct Man-Hours	69	76	90	90	100	135	145	——	——	——	——	——	——
Total Direct Man-Hours	223	230	249	249	249	245	245	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	198	203	217	216	216	213	213	——	——	——	——	——	——
Net Direct Employment	1,129	1,133	1,147	1,153	1,153	1,153	1,153	——	——	——	——	——	——
Total Net Employment	1,696	1,700	1,720	1,725	1,725	1,725	1,725	——	——	——	——	——	——
	MAY												
J2F-6 Direct Man-Hours	131	115	120	120	66	30	30	——	——	——	——	——	——
All Other Direct Man-Hours	87	95	100	100	155	190	190	——	——	——	——	——	——
Total Direct Man-Hours	218	210	220	220	221	220	220	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	200	200	202	202	202	202	202	——	——	——	——	——	——
Net Direct Employment	1,090	1,050	1,090	1,090	1,090	1,090	1,090	——	——	——	——	——	——
Total Net Employment	1,651	1,609	1,633	1,618	1,593	1,593	1,593	——	——	——	——	——	——
	JUNE												
J2F-6 Direct Man-Hours	93	90	70	40	10	5	5	——	——	——	——	——	——
All Other Direct Man-Hours	113	120	140	170	200	210	210	——	——	——	——	——	——
Total Direct Man-Hours	206	210	210	210	210	215	215	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	200	204	204	204	204	209	209	——	——	——	——	——	——
Net Direct Employment	1,029	1,030	1,030	1,030	1,030	1,030	1,030	——	——	——	——	——	——
Total Net Employment	1,570	1,570	1,570	1,580	15,80	1,580	1,580	——	——	——	——	——	——

CONSOLIDATED-VULTEE, ALLENTOWN, PENNA.

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE[1]												
TBY-1 Direct Man-Hours	N.R.	——	——	——	——	——	——	——	——	——	——	——	——
All Other Direct Man-Hours	N.R.	——	——	——	——	——	——	——	——	——	——	——	——
Total Direct Man-Hours	2[12]	——	——	——	——	——	——	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	54	——	——	——	——	——	——	——	——	——	——	——	——
Direct Workers	35	——	——	——	——	——	——	——	——	——	——	——	——
Total Employees	992	——	——	——	——	——	——	——	——	——	——	——	——
	JULY[1]												
TBY-1 Direct Man-Hours	N.R.	——	——	——	——	——	——	——	——	——	——	——	——
All Other Direct Man-Hours	N.R.	——	——	——	——	——	——	——	——	——	——	——	——
Total Direct Man-Hours	17[12]	——	——	——	——	——	——	——	——	——	——	——	——
Aver. Hrs. per Direct Worker in Month	152	——	——	——	——	——	——	——	——	——	——	——	——
Direct Workers	112	275	355	430	540	625	750	1,000	1,325	1,750	2,125	2,355	2,595
Total Employees	1,187	1,400	1,562	1,718	1,908	2,072	2,275	2,602	3,003	3,503	3,952	4,255	4,567
	AUG.												
TBY-1 Direct Man-Hours	30	37	49	85	103	111	140	188	245	380	455	500	654
All Other Direct Man-Hours	0	9	11	18	20	15	18	20	33	45	48	54	89
Total Direct Man-Hours	30	46	60	103	123	126	158	208	278	425	503	554	743
Aver. Hrs. per Direct Worker in Month	151	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	195	223	289	492	605	605	757	1,000	1,334	2,043	2,416	2,662	3,571
Total Employees	1,442	1,562	1,718	1,921	2,052	2,133	2,359	2,678	3,087	3,870	4,316	4,634	5,614

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, ALLENTON, PENNA. (Cont'd.)

ITEM	Report Month Actual	Forecast for Factory Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
TBY-1 Direct Man-Hours	90	93	86	95	111	130	188	245	380	465	600	654	750
All Other Direct Man-Hours	1	21	18	20	15	8	20	33	45	48	54	89	79
Total Direct Man-Hours	90	114	103	125	126	138	208	278	425	513	654	743	829
Aver. Hrs. per Direct Worker in Month	202	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	200	259	342	605	608	757	1,000	1,334	2,043	2,416	2,662	3,571	3,984
Total Employees	1,506	1,778	1,921	2,052	2,133	2,359	2,678	3,087	3,870	4,316	4,434	5,614	6,097
	OCT.[2]												
TBY-1 Direct Man-Hours	37	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	38	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	169	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	227	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	1,721	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
TBY-1 Direct Man-Hours	51	51	57	56	65	66	70	73	81	103	131	153	186
All Other Direct Man-Hours	3	22	24	24	28	28	30	31	35	44	56	66	79
Total Direct Man-Hours	53[3]	72[3]	81	80	93	94	100	105[3]	116	147	188[3]	219	265
Aver. Hrs. per Direct Worker in Month	173	208	208	200	216	200	216	208	208	216	208	208	208
Direct Workers	307	348	375	402	429	456	487	528	583	714	947	1,106	1,339
Total Employees	1,942	2,237	2,298	2,360	2,426	2,483	2,545	2,618	2,709	2,878	3,153	3,357	3,614
	DEC.												
TBY-1 Direct Man-Hours	62	64	63	69	64	88	90	99	121	147	165	175	259
All Other Direct Man-Hours	7	28	27	29	27	38	39	43	52	63	71	75	111
Total Direct Man-Hours	69	92	90	98	91	126	129	142	173	210	236	250	370
Aver. Hrs. per Direct Worker in Month	175	208	200	216	200	216	208	208	216	208	208	208	200
Direct Workers	395	464	476	478	480	616	652	718	844	1,065	1,195	1,317	1,804
Total Employees	2,256	2,543	2,659	2,727	2,765	2,937	2,995	3,075	3,216	3,459	3,608	3,756	4,252
	1944 JAN.[2]												
TBY-1 Direct Man-Hours	89	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	92[3]	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	198	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	463	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	2,471	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
TBY-1 Direct Man-Hours	99	102	97	110	111	120	135	175	205	243	318	425	461
All Other Direct Man-Hours	2	7	8	8	9	9	12	13	14	22	26	37	36
Total Direct Man-Hours	101	109	105	118	120	129	147	188	219	265	344	462	497
Aver. Hrs. per Direct Worker in Month	194	206	190	205	198	198	206	198	198	198	191	206	183
Direct Workers	520	532	550	575	605	653	714	947	1,106	1,339	1,804	2,245	2,717
Total Employees	2,608	2,781	2,835	2,896	2,948	3,010	3,086	3,341	3,519	3,778	4,252	4,702	5,177
	MAR.												
TBY-1 Direct Man-Hours	101	97	110	111	120	135	175	205	243	318	425	461	528
All Other Direct Man-Hours	2	8	8	9	9	12	13	14	22	26	37	36	42
Total Direct Man-Hours	103	105	118	120	129	147	188	219	265	344	462	497	570
Aver. Hrs. per Direct Worker in Month	189	200	216	208	208	216	208	208	208	200	216	192	216
Direct Workers	542	550	575	605	653	714	947	1,106	1,339	1,804	2,245	2,717	2,770
Total Employees	2,591	2,835	2,896	2,948	3,010	3,086	3,341	3,519	3,778	4,252	4,702	5,177	5,231
	APR.												
TBY-1 Direct Man-Hours	103	110	111	120	135	175	205	243	318	425	461	528	498
All Other Direct Man-Hours	2	8	9	9	12	13	14	22	26	37	36	42	39
Total Direct Man-Hours	105	118	120	129	147	188	219	265	344	462	497	570	537
Aver. Hrs. per Direct Worker in Month	192	216	208	208	216	208	208	208	200	216	192	216	200
Direct Workers	548	575	605	653	714	947	1,106	1,339	1,804	2,245	2,717	2,770	2,817
Total Employees	2,579	2,896	2,948	3,010	3,086	3,341	3,519	3,778	4,252	4,702	5,177	5,231	5,291
	MAY												
TBY-2 Direct Man-Hours	111	104	115	147	188	219	265	344	462	497	570	537	570
All Other Direct Man-Hours	111	104	115	147	188	219	265	344	462	497	570	537	570
Total Direct Man-Hours	206	190	208	216	208	208	208	200	216	192	216	200	216
Aver. Hrs. per Direct Worker in Month	536	547	555	680	902	1,053	1,275	1,718	2,138	2,587	2,639	2,683	2,637
Net Direct Employment	2,678	2,615	2,658	2,801	3,047	3,182	3,399	3,826	4,239	4,670	4,709	4,712	4,630
Total Net Employment													

CONSOLIDATED-VULTEE, ALLENTOWN, PENNA. (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
TBY-2 Direct Man Hours	104	115	147	188	219	265	344	462	497	570	537	570	545
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	104	115	147	188	219	265	344	462	497	570	537	570	545
Aver. Hrs per Direct Worker in Month	190	208	216	208	208	208	200	216	192	216	200	216	208
Net Direct Employment	547	555	680	902	1,053	1,275	1,718	2,138	2,587	2,639	2,683	2,637	2,619
Total Net Employment	2,615	2,658	2,801	3,047	3,182	3,399	3,826	4,239	4,676	4,709	4,712	4,630	4,487
	JULY												
TBY-2 Direct Man-Hours	108	137	168	201	234	261	322	316	385	387	449	430	430
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	108	137	168	201	234	261	322	316	385	387	449	430	430
Aver. Hrs per Direct Worker in Month	189	195	187	187	187	180	195	173	195	180	195	187	187
Net Direct Employment	571	700	900	1,075	1,250	1,450	1,650	1,825	1,975	2,150	2,300	2,300	2,300
Total Net Employment	2,538	2,600	2,850	3,075	3,300	3,550	3,800	4,025	4,225	4,450	4,650	4,700	4,750
	AUG.												
TBY-2 Direct Man-Hours	132	168	201	234	261	322	316	385	387	449	430	356	293
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	132	168	201	234	261	322	316	385	387	449	430	356	293
Aver. Hrs per Direct Worker in Month	185	187	187	187	180	195	173	195	180	195	187	187	195
Net Direct Employment	715	900	1,075	1,250	1,450	1,650	1,825	1,975	2,150	2,300	2,300	1,900	1,500
Total Net Employment	2,689	2,850	3,075	3,300	3,550	3,800	4,025	4,225	4,450	4,650	4,700	3,300	3,950
	SEPT.												
TBY-2 Direct Man-Hours	153	234	262	284	341	330	400	387	424	407	378	334	254
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	153	234	262	284	341	330	400	387	424	407	378	334	254
Aver. Hrs. per Direct Worker in Month	178	187	187	180	195	173	195	180	195	187	187	195	180
Net Direct Employment	861	1,250	1,400	1,575	1,750	1,908	2,050	2,150	2,175	2,175	2,020	1,715	1,410
Total Net Employment	2,907	3,110	3,260	3,435	3,610	3,785	3,910	4,010	4,025	4,005	3,825	3,475	3,145
	OCT.												
TBY-2 Direct Man-Hours	198	262	284	341	330	400	387	424	407	378	334	254	137
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	198	262	284	341	330	400	387	424	407	378	334	254	137
Aver. Hrs per Direct Worker in Month	193	187	180	195	173	195	180	195	187	187	195	180	195
Net Direct Employment	1,026	1,400	1,525	1,750	1,925	2,050	2,150	2,175	2,175	2,020	1,715	1,410	700
Total Net Employment	3,080	3,260	3,435	3,610	3,785	3,910	4,010	4,025	4,005	3,825	3,475	3,145	2,080
	NOV.												
TBY-2 Direct Man-Hours	226	286	348	341	424	425	497	505	522	544	502	337	206
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	226	277[3]	348	341	424	425	497	505	522	544	502	337	206
Aver. Hrs. per Direct Worker in Month	187	180	195	173	195	180	195	187	187	195	180	195	187
Net Direct Employment	1,210	1,540	1,785	1,970	2,175	2,360	2,550	2,700	2,790	2,790	2,790	1,935	1,100
Total Net Employment	3,315	3,760	4,080	4,400	4,690	4,980	5,230	5,410	5,700	5,700	5,700	3,715	2,180
	DEC.												
TBY-2 Direct Man Hours	258	348	341	424	425	497	505	522	544	502	337	206	81
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	80[3]
Total Direct Man-Hours	258	348	341	424	425	497	505	522	544	502	337	206	80
Aver Hrs per Direct Worker in Month	195	195	173	195	180	195	187	187	195	180	195	187	180
Net Direct Employment	1,326	1,785	1,970	2,174	2,361	2,549	2,701	2,791	2,790	2,789	1,728	1,102	450
Total Net Employment	3,578	4,080	4,400	4,800	1,980	5,230	5,410	5,700	5,700	5,700	3,715	2,180	1,280
	1945 JAN.												
TBY-2 Direct Man-Hours	309	380	468	450	497	505	522	575	558	585	551	441	371
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	309	380	468	450	497	505	522	575	558	585	551	441	371
Aver. Hrs. per Direct Worker in Month	209	173	195	180	195	187	187	195	180	195	187	180	195
Net Direct Employment	1,476	2,197	2,400	2,500	2,540	2,701	2,791	2,949	3,100	3,000	2,947	2,450	1,903
Total Net Employment	3,968	4,730	5,015	5,220	5,330	5,510	5,800	5,960	6,110	6,010	5,960	4,650	3,600
	FEB.												
TBY-2 Direct Man-Hours	333	468	450	497	505	522	575	558	585	551	441	371	280
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	333	468	450	497	505	522	575	558	585	551	441	371	280
Aver. Hrs per Direct Worker in Month	193	195	180	195	187	187	195	180	195	187	180	195	173
Net Direct Employment	1,721	2,400	2,500	2,549	2,701	2,791	2,949	3,100	3,000	2,947	2,450	1,903	1,618
Total Net Employment	4,411	5,015	5,220	5,330	5,510	5,800	5,960	6,110	6,010	5,960	4,650	3,600	2,200

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, ALLENTOWN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAR.												
[illegible] Direct Man Hours	865		5	481	580	675	738	685	551	441	671	280	—
[illegible] Direct Man Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	865	50	5	481	580	675	738	685	551	441	671	280	—
Aver. Hrs. per Direct Worker in Month	208	208	208	187	187	195	180	195	187	180	195	173	—
Net Direct Employment	1,786	2,750	575	2,570	2,700	2,950	3,100	3,000	2,950	2,450	1,900	1,200	—
Total Net Employment	4,047	4,750	525	580	5,710	5,960	6,110	6,010	5,960	4,650	3,600	2,200	—
	APR.												
TBY-2 Direct Man Hours	362	493	481	505	575	558	585	551	441	371	208	—	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	362	493	481	505	575	558	585	551	441	371	208	—	—
Aver. Hrs. per Direct Worker in Month	200	195	187	187	195	180	195	187	180	195	173	—	—
Net Direct Employment	1,807	2,375	2,570	2,700	2,950	3,100	3,000	2,950	2,450	1,900	1,200	—	—
Total Net Employment	4,833	5,825	580	5,710	5,960	6,110	6,010	5,960	4,650	3,600	2,200	—	—
	MAY												
TBY-2 Direct Man Hours	374	357	408	477	540	675	645	515	458	252	67	—	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	374	357	408	477	540	675	645	515	458	252	67	—	—
Aver. Hrs. per Direct Worker in Month	202	189	189	197	182	197	189	182	197	175	189	—	—
Net Direct Employment	1,849	1,890	2,155	2,421	2,968	3,426	3,413	2,833	2,325	1,447	354	—	—
Total Net Employment	5,024	4,990	5,255	5,521	6,068	6,526	6,513	5,633	4,625	2,947	754	—	—
	JUNE												
TBY-2 Direct Man Hours	376	313	270	171	26	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	376	313	270	171	26	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	204	187	194	180	194	—	—	—	—	—	—	—	—
Net Direct Employment	1,847	1,674	1,390	948	134	—	—	—	—	—	—	—	—
Total Net Employment	4,944	4,040	2,939	2,129	741	—	—	—	—	—	—	—	—

CONSOLIDATED-VULTEE, DOWNEY (Does not include Engineering and Development)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
BT-13A Direct Man Hours	419	467	524	513	541	542	559	531	525	515	513	508	506
XP-54 Direct Man-Hours	44	69	76	74	73	73	73	66	60	56	56	55	51
All Other Direct Man-Hours	152	222	239	224	193	186	173	124	72	45	45	45	45
Total Direct Man-Hours	615	758	839	811	807	801	805	721	657	616	614	608	602
Aver. Hrs. per Direct Worker in Month	194	192	216	208	208	208	216	208	208	208	208	208	208
Direct Workers	3,177	3,950	4,040	3,900	3,880	3,850	3,730	3,460	3,160	2,960	2,950	2,920	2,900
Total Employees	6,857	7,621	7,930	7,714	7,683	7,637	7,528	7,031	6,558	6,248	6,232	6,186	6,150
	FEB.												
BT-13A Direct Man-Hours	357	368	570	547	534	554	527	518	510	500	514	497	473
All Other Direct Man Hours	202	301	327	310	303	307	290	246	237	221	176	115	78
Total Direct Man Hours	559	869	897	857	837	861	817	774[3]	747	721	690	612	551
Aver. Hrs. per Direct Worker in Month	181	216	208	208	208	216	208	208	208	208	208	208	200
Direct Workers	3,090	4,020	4,310	4,120	4,020	3,990	3,930	3,720	3,590	3,470	3,320	2,940	2,760
Total Employees	6,749	7,957	8,325	8,029	7,885	7,905	7,733	7,416	7,193	7,019	6,786	6,200	5,858
	MAR.												
BT-13A Direct Man Hours	445	368	522	480	498	475	470	468	465	478	485	446	477
All Other Direct Man Hours	191	313	356	372	391	374	368	357	334	371	215	158	144
Total Direct Man Hours	636	681	878	852	889	849	838	825	799	749[3]	700	604	621
Aver. Hrs. per Direct Worker in Month	196	208	208	208	216	208	208	208	208	208	208	200	216
Direct Workers	3,247	3,260	4,220	4,100	4,100	4,070	4,030	3,950	3,830	3,580	3,360	3,020	2,880
Total Employees	6,334	6,722	8,210	8,025	8,123	7,985	7,917	7,797	7,625	7,226	6,875	6,277	6,185
	APR.												
BT-13A Direct Man Hours	420	295	280	300	297	302	300	300	298	300	276	317	272
All Other Direct Man Hours	243	373	376	387	361	350	337	316	254	199	144	143	131
Total Direct Man Hours	663	668	656	687	658	652	637	616	552	499	420	460	403
Aver. Hrs. per Direct Worker in Month	188	208	208	216	208	208	208	208	208	208	200	216	200
Direct Workers	3,534	3,212	4,134	3,181	3,164	3,163	3,063	2,962	2,654	2,399	2,098	2,130	2,013
Total Employees	7,058	6,737	8,627	6,732	6,642	6,597	6,484	6,327	5,846	5,448	4,939	5,068	4,998
	MAY												
BT-13-15 (SNV-1) Direct Man Hours	358	280	500	297	302	300	300	298	300	276	317	272	308
All Other Direct Man Hours	197	263	271	278	293	293	277	261	209	129	95	86	93
Total Direct Man Hours	555	543	771	575	595	593	577	559	509	405	412	358	401
Aver. Hrs. per Direct Worker in Month	175	208	216	208	208	208	208	208	208	200	216	200	216
Direct Workers	3,187	2,610	3,045	2,765	2,863	2,849	2,776	2,686	2,448	2,026	1,912	1,791	1,860
Total Employees	6,283	5,705	5,790	5,913	6,098	6,074	5,950	5,820	5,448	4,745	4,655	4,386	4,567

CONSOLIDATED-VULTEE, DOWNEY (Does not include Engineering and Development) (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
BT-13-15 (SNV-1) Direct Man Hours	319	329	355	366	380	360	273	246	231	247	245	224	221
All Other Direct Man-Hours	239	309	323	332	347	361	370	370	348	375	339	334	275
Total Direct Man-Hours	558	638	678	698	727	721	643	616	579	622	544	555	496
Aver. Hrs. per Direct Worker in Month	173	216	208	208	208	208	208	208	208	208	216	216	208
Direct Workers	3,227	2,952	3,259	3,357	3,495	3,468	3,092	2,983	2,897	2,882	2,718	2,571	2,385
Total Employees	6,312	6,297	6,714	6,867	7,085	7,040	6,432	6,251	6,084	6,187	5,868	5,726	5,330
	JULY												
BT-13-15 (SNV-1) Direct Man-Hours	340	385	358	343	332	258	227	213	223	189	198	190	190
All Other Direct Man-Hours	261	287	302	321	333	343	350	329	351	313	306	250	191
Total Direct Man-Hours	601	672	660	664	665	601	577	542	574	502	504	440	390
Aver. Hrs. per Direct Worker in Month	179	183	183	183	183	183	176	190	176	190	183	183	183
Direct Workers	3,359	3,668	3,607	3,627	3,635	3,286	3,155	3,079	3,023	2,856	2,653	2,403	2,132
Total Employees	6,503	7,113	7,012	7,044	7,055	6,633	6,338	6,167	6,198	5,840	5,638	5,216	4,809
	AUG.												
BT-13-15 (SNV-1) Direct Man-Hours	354	363	351	343	269	235	220	233	196	205	197	205	221
All Other Direct Man-Hours	267	289	307	323	343	362	345	359	314	308	252	193	154
Total Direct Man-Hours	621	652	658	666	612	597	565	592	510	513	449	398	375
Aver. Hrs. per Direct Worker in Month	182	183	183	183	183	183	176	190	176	190	183	183	190
Direct Workers	3,419	3,553	3,595	3,639	3,343	3,262	3,210	3,114	2,897	2,698	2,453	2,175	1,973
Total Employees	6,699	6,947	6,995	7,052	6,618	6,497	6,360	6,338	5,897	5,708	5,288	4,872	4,609
	SEPT.												
BT-13A Direct Man-Hours	308	287	274	275	274	261	282	260	220	171	94	88	35
All Other Direct Man-Hours	277	277	256	249	246	261	319	332	332	253	173	144	128
Total Direct Man-Hours	585	564	530	524	520	522	601	592	552	424	267	232	163
Aver. Hrs. per Direct Worker in Month	168	183	183	183	183	176	190	176	190	182	182	190	184
Direct Workers	3,483	3,082	2,895	2,863	2,843	2,966	3,163	3,364	2,910	2,320	1,460	1,220	890
Total Employees	6,869	6,230	5,952	5,903	5,872	6,000	6,411	6,587	6,025	4,990	3,807	3,471	2,955
	OCT.[2]												
BT-13A Direct Man-Hours	299	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	285	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	584	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	164	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,558	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6,906	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
BT-13B Direct Man-Hours	330	319	318	300	306	282	226	179	117	79	—	—	—
All Other Direct Man-Hours	277	368[25]	362[25]	326[25]	321	289	299	276	237	190	119	108	85
Total Direct Man-Hours	607	687[25]	680[25]	626[25]	627	571	525	455	354	269	119	108	85
Aver. Hrs. per Direct Worker in Month	175	173	173	166	179	166	179	173	173	179	173	173	173
Direct Workers	3,473	3,975[25]	3,928[25]	3,769[25]	3,502	3,440	2,933	2,630	2,046	1,503	688	624	491
Total Employees	6,902	7,555[25]	7,485[25]	7,165[25]	6,820	6,607	5,976	5,484	4,627	3,854	2,634	2,541	2,346
	DEC.[2]												
BT-13B Direct Man-Hours	304	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	271	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	575	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,193	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6,435	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[2]												
BT-13B Direct Man-Hours	304	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	286	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	590	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,175	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	6,401	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
BT-13B Direct Man-Hours	285	207	197	89	24	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	247	270	278	366	365	391	440	451	449	411	388	404	370
Total Direct Man-Hours	532	477	475	455	389	391	440	451	449	411	388	404	370
Aver. Hrs. per Direct Worker in Month	177	193	179	193	186	186	193	186	186	186	179	193	172
Direct Workers[10]	2,997	2,472	2,654	2,358	2,091	2,102	2,280	2,425	2,414	2,210	2,168	2,093	2,151
Total Employees[10]	6,702	5,639	5,822	5,454	4,977	4,995	5,327	5,512	5,494	5,167	5,053	5,025	4,981

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, DOWNEY (Does not include Engineering and Development) (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
BT-13B Direct Man Hours	136	197	89	24	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	459	508	416	470	544	654	651	591	490	420	413	311	263
Total Direct Man-Hours	595	705	505	494	544	654	651	591	490	420	413	311	263
Aver. Hrs. per Direct Worker in Month	214	198	214	206	206	214	206	206	206	198	214	190	214
Direct Workers	2,778	2,547	2,363	2,397	2,641	3,059	3,160	2,868	2,378	2,118	1,932	1,632	1,231
Total Employees	5,818	5,828	5,518	5,577	5,986	6,711	6,884	6,384	5,542	5,102	4,780	4,264	3,577
	APR.												
BT-13B Direct Man-Hours	139	92	32	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	348	463	499	477	537	569	559	539	500	528	387	350	252
Total Direct Man-Hours	487	555	531	477	537	569	559	539	500	528	387	350	252
Aver. Hrs. per Direct Worker in Month	206	209	201	201	210	201	201	201	193	210	186	210	193
Direct Workers	2,360	2,658	2,640	2,371	2,557	2,828	2,779	2,680	2,585	2,514	2,084	1,667	1,303
Total Employees	5,522	5,790	5,761	5,324	5,625	6,067	5,985	5,825	5,671	5,556	4,856	4,178	3,587
	MAY												
BT-13B & SNV-2 Direct Man-Hours	113	27	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	421	495	567	590	569	552	523	464	450	300	342	322	356
Total Direct Man Hours	534	522	567	590	569	552	523	464	450	300	342	322	356
Aver Hrs per Direct Worker in Month	221	188	188	196	188	188	188	181	196	173	196	181	196
Net Direct Workers	2,412	2,776	3,014	3,014	3,027	2,937	2,781	2,565	2,296	1,733	1,749	1,781	1,819
Total Net Employment	5,517	5,873	6,198	6,438	6,456	6,309	6,057	5,708	5,273	4,353	4,381	4,433	4,496
	JUNE												
BT-13B Direct Man-Hours	33	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	469	632	657	639	633	564	504	504	311	185	74	27	14
Total Direct Man Hours	502	632	657	639	633	564	504	504	311	185	74	27	14
Aver Hrs per Direct Worker in Month	189	194	201	194	194	194	186	201	178	201	185	204	192
Net Direct Workers	2,657	3,265	3,262	3,297	3,270	2,911	2,706	2,503	1,744	921	401	132	73
Total Net Employment	5,853	6,528	6,524	6,578	6,533	5,964	5,647	5,332	4,446	3,321	2,657	2,241	2,160
	JULY												
BT-13B Direct Man-Hours	31	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	461	475	489	466	395	357	364	249	220	170	146	147	175
Total Direct Man-Hours	492	475	489	466	395	357	364	249	220	170	146	147	175
Aver. Hrs. per Direct Worker in Month	186	201	193	193	193	185	201	178	201	185	201	193	193
Net Direct Workers	2,641	2,362	2,525	2,410	2,040	1,922	1,812	1,396	1,092	916	726	758	905
Total Net Employment	5,716	5,297	5,520	5,363	4,856	4,695	4,545	3,975	3,559	3,318	3,059	3,103	3,302
	AUG.[31]												
BT-13B Direct Man-Hours	13	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	516	570	558	499	485	478	333	316	284	301	281	288	312
Total Direct Man-Hours	529	570	558	499	485	478	333	316	284	301	281	288	312
Aver. Hrs. per Direct Worker in Month	207	194	194	194	188	202	164	182	188	204	197	197	204
Net Direct Workers	2,550	2,933	2,871	2,563	2,580	2,359	2,028	1,739	1,508	1,476	1,426	1,464	1,526
Total Net Employment	5,889	6,209	6,135	5,725	5,753	5,447	4,963	4,572	4,329	4,286	4,207	4,260	4,338

CONSOLIDATED-VULTEE, FT. WORTH

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.[3]												
B-24D Direct Man-Hours	1,000	—	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	114	—	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	38	—	—	—	—	—	—	—	—	—	—	—	—
B-24DM Direct Man-Hours	249	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	9	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,410	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	168	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	8,392	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	15,744	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.[3]												
B-24D Direct Man-Hours	997	—	—	—	—	—	—	—	—	—	—	—	—
B-24E Direct Man-Hours	59	—	—	—	—	—	—	—	—	—	—	—	—
B-24DM Direct Man-Hours	154	—	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	233	—	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	9	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	6	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,458	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	159	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	9,177	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	18,475	—	—	—	—	—	—	—	—	—	—	—	—

CONSOLIDATED-VULTEE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
B-24D Direct Man Hours	1,273	1,400	1,550	1,750	1,930	2,130	2,340	2,480	2,540	2,540	2,600	2,700	2,580
B-24E Direct Man Hours	170	140	90	130	160	180	190	210	210	210	218	202	218
C-87 Direct Man-Hours	374	340	340	320	340	310	310	310	320	310	320	294	316
B-32 Direct Man-Hours	4	168	217	280	350	450	560	630	830	956	1,130	1,160	1,370
All Other Direct Man-Hours	6	14	22	48	72	112	157	192	222	252	292	332	372
Total Direct Man-Hours	1,827	2,062	2,219	2,528	2,852	3,182	3,557	3,822	4,112	4,268	4,560	4,378	4,856
Aver. Hrs. per Direct Worker in Month	213	200	200	200	208	200	200	200	200	208	192	192	208
Direct Workers	8,582	10,310	11,090	12,640	13,800	15,910	17,790	19,110	20,560	21,340	21,950	22,700	23,300
Total Employees	17,958	20,310	21,590	23,640	25,300	27,910	30,290	32,110	34,060	35,340	36,450	37,700	38,500
	APR.												
B-24D Direct Man-Hours	1,399[26]	1,550	1,750	2,080	2,040	2,100	2,180	2,390	2,390	2,500	2,350	2,600	2,480
B-24E Direct Man Hours	156	180	180	315	457	503	540	495	462	460	370	413	340
C-87 Direct Man-Hours	375[26]	360	340	320	340	310	310	310	310	320	294	316	291
B-32 Direct Man-Hours	4	8	12	17	28	45	70	87	126	168	217	290	340
All Other Direct Man-Hours	5	12	20	45	78	139	200	241	262	332	332	372	372
Total Direct Man-Hours	1,939	2,110	2,302	2,777	2,943	3,097	3,300	3,523	3,550	3,780	3,563	3,991	3,823
Aver. Hrs. per Direct Worker in Month	197	200	200	208	200	200	200	200	200	208	192	208	192
Direct Workers	9,798	10,550	11,520	13,300	14,700	15,480	16,500	17,600	17,800	18,200	18,550	19,200	19,900
Total Employees	19,238[27]	20,050	21,520	23,800	25,700	26,980	28,500	30,100	30,800	31,700	32,550	33,700	34,900
	MAY												
B-24D Direct Man-Hours	1,499	1,750	2,080	2,040	2,100	2,180	2,390	2,390	2,487	2,329	2,497	2,176	2,188
B-24E Direct Man-Hours	182	200	315	457	503	540	495	462	460	370	413	340	343
C-87 Direct Man-Hours	356	340	340	320	310	310	310	310	320	294	316	291	300
B-32 Direct Man-Hours	8	16	26	36	63	83	132	181	268	330	466	569	677
All Other Direct Man-Hours	10	20	45	78	139	200	241	292	365	397	468	474	492
Total Direct Man-Hours	2,055	2,326	2,806	2,931	3,115	3,313	3,568	3,635	3,900	3,720	4,160	3,850	4,000
Aver. Hrs. per Direct Worker in Month	189	200	208	200	200	200	200	200	208	192	208	192	200
Direct Workers	10,868	11,630	13,490	14,655	15,575	16,565	17,840	18,175	18,750	19,375	20,000	20,052	20,000
Total Employees	20,457[27]	21,630	24,000	25,655	27,075	28,565	30,340	31,175	32,300	33,400	34,500	35,000	35,000
	JUNE												
B-24D Direct Man-Hours	1,722	2,080	2,040	2,100	2,180	2,260	2,260	2,300	2,120	2,250	2,050	2,050	1,460
B-24E Direct Man-Hours	215	315	457	503	540	495	462	460	370	413	340	343	333
C-87 Direct Man-Hours[28]	340	340	330	350	340	260	110	0	—	—	—	—	—
B-32 Direct Man-Hours	10	16	26	55	83	132	181	268	330	466	569	677	792
All Other Direct Man-Hours	7	13	20	45	85	160	240	333	390	513	560	672	775
Total Direct Man-Hours	2,294	2,764	2,873	3,053	3,228	3,307	3,253	3,361	3,210	3,642	3,519	3,742	3,360
Aver. Hrs. per Direct Worker in Month	196	208	200	200	200	200	200	208	192	208	192	200	200
Direct Workers	11,682	13,288	14,365	15,265	16,140	16,535	16,265	16,159	16,719	17,510	18,328	18,710	16,800
Total Employees	21,994[27]	23,800	25,365	26,765	28,140	29,035	29,265	29,650	30,700	32,000	33,300	33,710	30,800
	JULY												
B-24D Direct Man-Hours	1,982	2,040	2,140	2,160	2,190	2,100	2,000	1,820	1,890	1,690	1,700	1,500	1,190
B-24E Direct Man-Hours	229	393	313	324	297	270	235	214	208	192	189	178	172
C-87 Direct Man-Hours[28]	341	330	350	340	260	110	0	—	—	—	—	—	—
B-32 Direct Man-Hours	14	26	55	83	132	181	268	330	466	569	677	792	925
B-36 Direct Man-Hours	—	—	—	—	—	—	108	181	260	280	366	382	513
All Other Direct Man-Hours	4	10	20	45	85	120	170	220	325	383	445	485	510
Total Direct Man-Hours	2,570	2,799	2,878	2,952	2,964	2,781	2,781	2,765	3,149	3,114	3,377	3,337	3,310
Aver. Hrs per Direct Worker in Month	206	200	200	200	200	200	200	192	208	192	208	200	200
Direct Workers	12,480	13,995	14,390	14,760	14,820	13,905	13,905	14,400	15,150	16,200	16,200	16,685	16,550
Total Employees	23,420[27]	25,195	25,890	26,560	26,920	26,305	26,605	27,400	28,450	29,800	30,100	30,885	31,050
	AUG.												
B-24D, J Direct Man-Hours	1,829	2,025	2,013	2,102	2,242	2,269	2,152	2,201	1,897	1,902	1,581	1,240	408
B-24E, H Direct Man-Hours	497	418	429	385	352	330	274	275	240	247	230	222	228
C-87 Direct Man-Hours[28]	316	350	340	260	110	0	—	—	—	—	—	—	—
B-32 Direct Man-Hours	19	55	83	133	186	284	365	490	569	677	792	925	1,140
B-36 Direct Man-Hours	—	—	—	—	—	20	66	108	142	261	382	656	1,344
All Other Direct Man-Hours	27	45	85	105	130	167	128	196	232	303	335	387	450
Total Direct Man-Hours	2,688	2,893	2,950	2,985	3,020	3,070	2,985	3,270	3,080	3,390	3,320	3,430	3,570
Aver. Hrs per Direct Worker in Month	195	194	194	194	194	194	187	202	187	202	194	194	202
Direct Workers	13,811	14,912	15,200	15,400	15,600	15,800	16,000	16,200	16,500	16,800	17,100	17,400	17,700
Total Employees	25,248[27]	26,900	27,500	28,000	28,500	29,000	29,500	30,000	30,500	31,100	31,700	32,400	32,700
	SEPT.												
B-24D, J Direct Man-Hours	2,145	2,057	1,985	1,870	1,800	1,720	1,810	1,570	1,700	1,530	1,390	862	24
B-24H Direct Man-Hours	468	496	480	450	430	394	407	365	392	355	346	340	308
C-87 Direct Man-Hours[28]	375	404	496	608	715	683	678	476	234	65	—	—	—
B-32 Direct Man-Hours	16	83	122	181	280	385	550	660	905	1,060	1,220	1,440	1,510
B-36 Direct Man-Hours	—	—	—	—	—	—	19	102	171	240	262	663	1,300

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED VULTEE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
All Other Direct Man Hours	37	80	100	125	162	173	191	227	298	330	382	445	468
Total Direct Man Hours	3,041	3,120	3,193	3,271	3,387	3,355	3,655	3,400	3,700	3,580	3,600	3,750	3,610
Aver Hrs per Direct Worker in Month	197	190	190	190	190	183	198	183	198	190	190	198	190
Direct Workers	15,429	16,450	16,800	17,000	17,830	18,310	18,490	18,610	18,710	18,800	18,910	18,970	18,990
Total Employees	27,238[37]	28,850	29,500	30,000	31,130	31,910	32,390	32,710	32,860	33,000	33,210	33,310	33,350
	OCT.												
B-24J Direct Man Hours	2,087	2,165	2,030	1,860	1,720	1,810	1,570	1700	1,530	1,202	590	—	—
B-24H Direct Man-Hours	427	480	450	430	394	407	365	392	355	346	340	308	78
C-87 Direct Man-Hours	384	496	608	715	683	678	476	234	65	—	—	—	—
B-32 Direct Man Hours	28	83	146	275	385	550	660	905	1,060	1,220	1,440	1,510	1,550
B-36 Direct Man-Hours	—	—	—	—	—	19	102	171	240	430	910	1,300	1,550
All Other Direct Man-Hours	66	100	125	162	173	191	227	298	330	382	445	468	442
Total Direct Man Hours	2,992	3,324	3,379	3,442	3,355	3,655	3,400	3,700	3,580	3,580	3,725	3,586	3,620
Aver Hrs per Direct Worker in Month	183	190	190	190	183	198	183	198	190	190	198	190	190
Direct Workers	16,362	17,500	17,750	18,050	18,350	18,500	18,610	18,740	18,850	18,850	18,850	18,900	19,020
Total Employees	28,725[37]	30,200	30,750	31,350	31,950	32,400	32,710	32,890	33,050	33,150	33,190	33,260	33,380
	NOV.												
B-24J Direct Man Hours	2,094	2,046	1,860	1,666	1,634	1,206	1,287	1,046	1,085	1,040	494	—	—
B-24H Direct Man-Hours	492	450	430	394	407	365	382	355	346	340	308	98	—
C-87 Direct Man-Hours[24]	397	404	425	485	603	695	653	590	265	44	—	—	—
B-32 Direct Man-Hours	44	95	240	320	500	620	830	1,010	1,220	1,460	1,610	1,750	1,690
B-36 Direct Man-Hours	—	—	—	—	—	—	—	19	102	191	520	1,110	1,302
All Other Direct Man-Hours	94	105	152	145	196	232	278	325	382	455	488	480	468
Total Direct Man-Hours	3,121	3,100	3,107	3,010	3,340	3,118	3,480[3]	3,345	3,400	3,530	3,420	3,438	3,460
Aver Hrs. per Direct Worker in Month	189	189	189	181	197	181	197	189	189	197	189	189	189
Direct Workers	16,539	16,400	16,420	16,600	16,910	17,200	17,410	17,700	17,980	17,900	18,090	18,150	18,300
Total Employees	29,223[37]	28,990	28,920	29,150	29,520	29,900	30,220	30,640	31,010	31,020	31,390	31,550	31,850
	DEC.												
B-24J Direct Man-Hours	1,713	1,750	1,478	1,525	1,270	1,330	1,275	1,040	250	121	—	—	—
B-24H Direct Man-Hours	429	365	350	255	236	240	232	225	224	110	34	—	—
C-87 Direct Man-Hours	349	341	480	610	575	590	370	84	37	—	—	—	—
B-32 Direct Man-Hours	99	183	310	515	630	850	946	1,040	1,285	1,460	1,573	1,727	1,771
B-36 Direct Man-Hours	—	—	—	—	—	3	10	20	32	42	55	74	90
All Other Direct Man-Hours	152	90	140	191	216	258	325	382	455	447	480	448	442
Total Direct Man-Hours	2,742	2,729	2,758	3,096	2,927	3,271	3,158	2,791	2,283	2,180	2,142	2,249	2,303
Aver. Hrs. per Direct Worker in Month	176	190	182	198	182	198	190	190	198	190	190	190	190
Direct Workers	15,574	14,390	15,110	15,600	16,000	16,500	16,600	14,700	11,550	11,500	11,300	11,800	12,100
Total Employees	29,535	28,290	28,910	28,700	28,450	28,350	28,450	26,070	20,550	20,500	20,300	20,800	21,100
	1944 JAN.[3]												
B-24J Direct Man-Hours	1,579	—	—	—	—	—	—	—	—	—	—	—	—
B-24H Direct Man-Hours	357	—	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	273	—	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	138	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	120	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,467	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	182	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	13,539	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	27,204	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-24J Direct Man-Hours	1,146	1,332	1,220	1,306	1,234	1,202	1,220	1,152	1,030	720	360	96	—
B-24H Direct Man-Hours	298	255	185	58	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	368	392	410	392	319	148	16	—	—	—	—	—	—
B-32 Direct Man-Hours	163	240	302	632	885	1,071	1,420	1,404	1,552	1,742	2,020	2,305	2,077
B-36 Direct Man-Hours	—	—	—	20	55	80	110	176	226	276	331	436	466
All Other Direct Man-Hours	85	121	143	212	247	299	309	328	392	379	372	363	355
Total Direct Man-Hours	2,060	2,340	2,260	2,620	2,640[3]	2,800	3,075	3,060	3,200	3,117	3,083	3,200	2,898
Aver Hrs per Direct Worker in Month	170	198	182	198	190	190	198	190	190	190	190	198	174
Direct Workers	12,115	11,800	12,400	13,200	13,900	14,700	15,500	16,100	16,800	16,400	16,250	16,200	16,600
Total Employees	25,104	24,500	25,000	25,800	26,600	27,500	28,400	29,300	30,000	30,000	30,000	30,000	30,000
	MAR.												
B-24J Direct Man-Hours	1,208	1,045	1,006	1,000	989	984	968	857	629	310	91	—	—
B-24H Direct Man-Hours	185	138	92	3	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	302	348	331	230	102	31	—	—	—	—	—	—	—
B-32 Direct Man-Hours	209	352	385	511	600	795	865	900	1,082	1,300	1,560	1,310	1,561
B-36 Direct Man-Hours	—	—	—	—	—	20	35	53	84	140	233	290	340
All Other Direct Man-Hours	111	120	137	153	181	220	242	290	345	390	350	330	319
Total Direct Man-Hours	2,075	2,003	1,951	1,897	1,872	2,050	2,110	2,100	2,140	2,140	2,240	1,930	2,220

CONSOLIDATED-VULTEE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
Aver. Hrs. per Direct Worker in Month	181	185	186	181	178	186	178	178	178	178	186	162	86
Direct Workers	11,438	10,800	10,500	10,500	10,500	11,000	11,800	11,800	12,000	12,000	12,000	11,900	11,850
Total Employees	23,858	23,200	22,800	22,800	22,800	23,400	24,200	24,200	24,400	24,400	24,400	24,300	24,300
	APR.												
B-24J Direct Man-Hours	1,062	1,006	1,000	989	984	968	857	629	310	91	—	—	—
B-24J (F) Direct Man-Hours	135	92	3	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	272	331	230	102	31	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	277	385	511	600	795	865	900	1,082	1,300	1,560	1,310	1,561	1,350
B-36 Direct Man-Hours	—	—	—	—	20	35	53	84	140	233	290	340	410
All Other Direct Man-Hours	112	137	153	181	220	242	290	345	390	356	330	317	285
Total Direct Man-Hours	1,858	1,951	1,897	1,872	2,050	2,110	2,100	2,140	2,140	2,240	1,930	2,220[3]	2,045
Aver. Hrs. per Direct Worker in Month	171	186	181	178	186	178	178	178	178	178	186	162	186	170
Direct Workers	10,850	10,500	10,500	10,500	11,000	11,800	11,800	12,000	12,000	12,000	11,900	11,900	12,000
Total Employees	23,028	22,800	22,800	22,800	23,400	24,200	24,200	24,400	24,400	24,400	24,300	24,300	24,400
	MAY												
B-24J Direct Man-Hours	1,123	1,064	1,036	1,068	1,006	986	586	236	88	—	—	—	—
B-24J (F) Direct Man-Hours	114	3	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	307	303	152	37	8	5	8	6	3	—	—	—	—
B-32 Direct Man-Hours	331	449	630	785	905	959	1,045	1,155	1,275	1,260	1,320	1,298	1,366
XB-36 Direct Man-Hours	96	119	133	154	130	160	229	314	224	198	161	133	125
B-36 Direct Man-Hours	—	—	—	20	30	53	89	140	233	290	370	380	450
All Other Direct Man-Hours	27	28	27	24	23	41	58	64	63	53	73	61	55
Total Direct Man-Hours	1,998	1,966	1,978	2,088	2,102	2,204	2,015	1,915	1,886	1,801	1,924	1,872	1,996
Aver. Hrs. per Direct Worker in Month	219	211	211	219	211	211	200	200	204	190	204	192	204
Net Direct Employment	9,118	9,310	9,390	9,540	9,970	10,440	10,050	9,600	9,390	9,490	9,450	9,760	9,780
Total Net Employment	22,652	23,010	23,290	23,440	23,870	24,340	23,950	23,500	23,290	23,390	23,350	23,660	23,680
	JUNE												
B-24J Direct Man-Hours	1,178	1,100	1,066	1,006	986	586	236	88	—	—	—	—	—
B-24J (F) Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	239	154	37	8	5	6	3	—	—	—	—	—	—
B-32 Direct Man-Hours	323	800	808	781	960	877	1,096	1,080	1,069	1,257	1,429	1,169	1,231
XB-36 Direct Man-Hours	118	133	154	130	160	229	314	224	198	161	133	125	34
B-36 Direct Man-Hours	—	—	20	30	53	89	140	233	290	370	380	450	570
All Other Direct Man-Hours	20	25	21	23	41	58	64	63	53	73	61	55	35
Total Direct Man-Hours	1,883	2,212	2,106	1,978	2,205	1,845	1,853	1,656[3]	1,610	1,861	2,003	1,799	1,870
Aver. Hrs. per Direct Worker in Month	207	207	208	200	200	200	200	208	184	208	192	208	200
Net Direct Employment	9,101	10,687	10,125	9,890	11,025	9,225	9,265	7,960	8,750	8,947	10,432	8,649	9,350
Total Net Employment	22,610	24,087	23,425	23,090	24,125	22,225	22,265	20,960	21,750	21,947	23,432	21,649	22,350
	JULY												
B-24J Direct Man-Hours	1,140	1,069	1,010	807	406	72	—	—	—	—	—	—	—
C-87 Direct Man-Hours	149	27	2	2	1	0	—	—	—	—	—	—	—
B-32 Direct Man-Hours	360	767	719	891	811	1,012	998	990	1,167	1,004	1,096	1,169	1,234
XB-36 Direct Man-Hours	99	155	218	304	321	210	157	145	90	—	—	—	—
B-36 Direct Man-Hours	—	—	—	6	17	49	79	100	128	192	330	530	629
All Other Direct Man-Hours	39	36	31	41	58	64	63	53	73	61	55	35	31
Total Direct Man-Hours	1,787	2,054	1,980	2,051	1,614	1,407	1,297	1,288	1,457[3]	1,257	1,481	1,734	1,894
Aver. Hrs. per Direct Worker in Month	205	208	200	200	200	200	208	184	208	192	208	200	200
Net Direct Employment	8,710	9,850	9,900	10,253	8,690	7,035	6,240	6,980	6,990	6,540	7,125	8,670	9,470
Total Net Employment	22,189	23,150	23,100	23,353	21,690	19,935	19,140	19,780	19,690	19,140	19,725	21,270	22,070
	AUG.												
B-24J Direct Man-Hours	1,136	1,010	807	406	72	—	—	—	—	—	—	—	—
C-87 Direct Man-Hours	17	2	2	1	0	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	450	719	891	811	1,012	998	990	1,167	1,004	1,096	1,169	1,234	1,291
XB-36 Direct Man-Hours	112	218	304	321	210	201	145	90	—	—	—	—	—
B-36 Direct Man-Hours	—	—	6	17	49	79	100	128	192	330	530	629	704
All Other Direct Man-Hours	34	31	41	58	64	63	53	73	61	55	35	31	31
Total Direct Man-Hours	1,749	1,980	2,051	1,614	1,407	1,341	1,288	1,457[3]	1,257	1,481	1,734	1,894	2,026
Aver. Hrs. per Direct Worker in Month	214	200	200	200	200	208	184	208	192	208	200	200	208
Net Direct Employment	8,179	9,900	10,253	8,069	7,035	6,448	7,000	7,010	6,547	7,120	8,670	9,470	9,740
Total Net Employment	21,622	23,250	23,503	21,169	20,035	19,348	19,800	19,710	19,147	19,720	21,270	22,070	22,340
	SEPT.												
B-24J Direct Man-Hours	957	802	404	72	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	606	842	1,174	1,252	1,430	1,408	1,086	1,002	1,611	1,506	1,441	1,461	1,331
B-36 Direct Man-Hours	—	6	17	49	79	100	128	192	330	530	629	704	800
All Other Direct Man-Hours	156	200	331	429	369	286	180	62	56	35	26	21	11
Total Direct Man-Hours	1,719	1,850	1,916	1,802	1,878	1,792	2,003	1,856	1,997	2,071	2,096	2,186	2,142

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
Aver. Hrs. per Direct Worker in Month	218	215	208	200	206	188	206	200	206	200	200	206	196
Net Direct Employment	7,907	8,110	9,210	9,020	9,120	9,540	9,750	9,275	9,680	10,350	10,475	10,610	10,950
Total Net Employment	21,128	21,840	22,440	22,220	22,320	22,710	22,950	22,475	22,880	23,550	23,675	23,810	24,150
	OCT.												
B-24J Direct Man-Hours	957	802	174	72	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	606	776	1,158	1,332	1,607	1,776	1,498	1,484	1,494	1,504	1,614	1,684	1,754
B-36 Direct Man-Hours	—	6	17	49	79	100	128	192	330	530	629	704	800
All Other Direct Man-Hours	156	200	321	429	369	286	189	62	56	35	26	21	11
Total Direct Man-Hours	1,719	1,984	1,670	1,882	2,055	1,862	1,815	1,738	1,880	2,069	2,269	2,409	2,565
Aver. Hrs. per Direct Worker in Month	218	215	208	200	206	188	206	200	206	200	200	206	196
Net Direct Employment	7,907	9,240	91,50	9,400	9,950	9,940	8,820	8,690	9,140	10,350	11,350	11,690	13,200
Total Net Employment	21,128	22,340	22,250	22,500	23,050	23,010	21,930	21,790	22,240	23,150	24,050	24,290	25,800
	NOV.												
B-24J Direct Man-Hours	635	278	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	998	1,067	1,387	1,234	1,378	1,494	1,564	1,406	1,394	1,486	1,431	1,473	1,372
B-36 Direct Man-Hours	—	87	94	100	138	152	330	530	629	704	800	831	855
All Other Direct Man-Hours	161	343	395	443	475	482	420	437	494	622	629	618	505
Total Direct Man-Hours	1,794	1,775	1,876	1,777	1,991	2,128	2,314	2,373	2,517	2,812	2,860	2,922	2,732
Aver. Hrs. per Direct Worker in Month	214	214	219	206	212	204	212	200	200	204	196	204	200
Net Direct Employment	8,376	8,300	8,555	8,626	9,400	10,431	10,915	11,865	12,585	13,784	14,592	14,323	13,660
Total Net Employment	21,177	21,100	21,355	21,426	22,200	23,231	23,715	24,665	25,385	26,484	27,292	27,023	26,360
	DEC.												
B-24 Direct Man-Hours	95	—	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	1,398	1,457	1,460	1,571	1,618	1,669	1,714	1,766	1,888	1,790	1,918	1,823	1,703
B-36 Direct Man-Hours	—	3	18	32	42	65	86	98	129	157	189	212	256
All Other Direct Man-Hours	191	275	373	407	394	428	407	445	461	477	527	514	472
Total Direct Man-Hours	1,684	1,735	1,851	2,010	2,054	2,162	2,207	2,309	2,478	2,424	2,634	2,549	2,431
Aver. Hrs. per Direct Worker in Month	204	210	200	210	206	212	208	208	212	198	212	206	198
Net Direct Employment	8,248	8,261	9,205	9,571	9,971	10,198	10,611	11,101	11,689	12,242	12,424	12,374	12,278
Total Net Employment	20,845	20,911	21,905	22,321	22,771	22,998	23,411	23,901	24,489	25,042	25,224	25,174	25,078
	1945 JAN.												
B-32 Direct Man-Hours	1,755	1,787	1,954	1,884	1,904	1,884	1,926	1,908	1,819	1,826	1,764	1,702	1,636
B-36 Direct Man-Hours	0	152	192	244	238	307	351	392	495	562	616	693	728
XB-36 Direct Man-Hours	188	210	210	230	240	230	240	230	210	200	200	190	160
All Other Direct Man-Hours	56	102	122	126	125	89	101	137	158	183	210	238	254
Total Direct Man-Hours	1,999	2,251	2,478	2,484	2,487[1]	2,510	2,618	2,667	2,682	2,771	2,790	2,823	2,778
Aver. Hrs. per Direct Worker in Month	214	212	212	212	212	212	212	212	212	212	212	212	212
Net Direct Employment	9,324	10,600	11,688	11,720	11,730	11,830	12,349	12,600	12,650	13,070	13,160	13,320	13,103
Total Net Employment	21,693	22,900	23,988	24,020	24,030	24,130	24,649	25,000	25,180	25,700	25,890	26,150	25,903
	FEB.												
B-32 Direct Man-Hours	1,575	1,757	1,614	1,685	1,593	1,650	1,668	1,526	1,716	1,706	1,666	1,856	1,651
B-36 Direct Man-Hours	—	32	42	65	86	98	129	157	189	212	256	329	367
XB-36 Direct Man-Hours	177	210	220	230	240	240	230	210	200	200	190	160	110
All Other Direct Man-Hours	38	116	144	198	220	231	192	195	190	230	242	231	220
Total Direct Man-Hours	1,790	2,115	2,020	2,178	2,139	2,219	2,219	2,088	2,295	2,348	2,354	2,576	2,348
Aver. Hrs. per Direct Worker in Month	179	201	188	201	195	195	201	188	201	195	188	201	180
Net Direct Employment	9,990	10,500	10,700	10,800	10,920	11,320	11,000	11,100	11,400	12,000	12,500	12,800	13,000
Total Net Employment	22,900	23,500	23,700	23,800	23,920	24,320	24,090	24,100	24,400	25,000	25,500	25,800	26,000
	MAR.												
B-32 Direct Man-Hours	1,678	1,123	1,400	1,399	1,501	1,670	1,526	1,716	1,706	1,666	1,856	1,651	1,696
B-36 Direct Man-Hours	—	50	77	96	98	129	157	189	212	256	329	367	414
XB-36 Direct Man-Hours	189	180	210	220	230	250	240	230	220	200	180	110	80
All Other Direct Man-Hours	44	144	200	221	231	193	197	190	230	242	231	220	213
Total Direct Man-Hours	1,911	1,797	1,887	1,936	2,060	2,242	2,120	2,325	2,368	2,364	2,596	2,348	2,403
Aver. Hrs. per Direct Worker in Month	204	188	201	195	195	201	188	201	195	188	201	180	195
Net Direct Employment	9,378	9 558	9,388	9,928	10,564	11,154	11,276	11,567	12,143	12,574	12,915	13,044	12,323
Total Net Employment	22,748	22 878	22,688	23,178	23,714	24 154	24,276	24,567	25,143	25,574	25,915	26,044	25,323
	APR.												
B-32 Direct Man-Hours	1,471	1,405	1,404	1,506	1,675	1,533	1,723	1 712	1,670	1,861	1,653	1,699	1,624
B-36 Direct Man-Hours	1	70	121	123	129	157	189	212	256	329	367	414	481
XB+YB-36 Direct Man-Hours	169	190	200	220	240	240	270	260	240	210	120	80	0
All Other Direct Man-Hours	34	175	196	213	231	235	190	230	242	231	220	213	204
Total Direct Man-Hours	1,675	1,840	1,921	2,062	2,275	2,165	2,372	2,414	2,408	2,631	2,360	2,406	2,309
Aver. Hrs. per Direct Worker in Month	192	208	200	200	208	192	208	200	188	208	184	200	200
Net Direct Employment	8,730	8,846	9,605	10,310	10,938	11,276	11,404	12,070	12,899	12,649	12,826	12,030	11,545
Total Net Employment	21,908	21,696	22,205	22,910	23,538	23,876	24,004	24,770	25,509	25,349	25,526	24,530	22,545

CONSOLIDATED-VULTEE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
B-32 Direct Man-Hours	1,332	553	389	333	232	157	86	41	—	—	—	—	—
B-36 Direct Man-Hours	1	171	195	254	311	387	416	517	644	712	801	930	1,195
XB+YB-36 Direct Man-Hours	165	220	318	336	293	249	247	240	270	220	220	—	—
All Other Direct Man-Hours	29	52	64	64	64	44	24	4	4	4	4	4	4
Total Direct Man-Hours	1,527	996	966	987	900	837	773	802	918	936	1,025	934	1,199
Aver. Hrs. per Direct Worker in Month	232	200	200	208	192	208	200	192	208	184	200	200	208
Net Direct Employment	6,569	4,980	4,830	4,745	4,687	4,024	3,865	4 177	4,413	5,087	5,125	4,670	5,764
Total Net Employment	17,844	12,924	11,330	10,995	10,687	10,024	9,865	10,177	10 413	11,087	11,125	10,670	11,764
	JUNE												
B-32 Direct Man-Hours	495	431	351	231	156	86	40	—	—	—	—	—	—
B-36 Direct Man-Hours	4	20	84	150	195	254	311	420	416	517	644	750	800
XB-36 Direct Man-Hours	160	180	220	240	270	288	294	298	226	219	112	90	49
All Other Direct Man-Hours	37	53	64	53	44	24	3	4	3	4	4	4	3
Total Direct Man-Hours	696	684	719	674	665	652	648	722	645	740	760	844	852
Aver. Hrs. per Direct Worker in Month	161	180	192	180	192	192	184	180	192	172	184	184	192	180
Net Direct Employment	4,323	3,780	3,740	3,720	3,460	3,540	3,600	3,750	3,750	4,000	4,120	4,370	4,730
Total Net Employment	12,839	10,780	10,340	9,920	9,460	9,540	9,600	9,750	9,750	10,000	10,120	10,370	10,730

CONSOLIDATED-VULTEE, NASHVILLE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
V-72 Direct Man-Hours	15	2	—	—	—	—	—	—	—	—	—	—	—
A-31C Direct Man-Hours	124	225	160	—	—	—	—	—	—	—	—	—	—
A-35A Direct Man-Hours	217	210	147	—	—	—	—	—	—	—	—	—	—
A-35B Direct Man-Hours	80	116	268	419	454	537	600	621	726	775	831	900	958
All Other Direct Man-Hours	99	106	125	205	175	125	220	325	325	325	315	312	—
Total Direct Man-Hours	535	659	700	624	629	662	820	946	1,051	1,100	1,146	1,212	1,263
Aver. Hrs. per Direct Worker in Month	176	200	208	180	180	180	200	200	200	200	200	200	200
Direct Workers	3,041	3,295	3,365	3,470	3,480	3,678	4,100	4,730	5,255	5,500	5,730	6,060	6,315
Total Employees	5,769	6,228	6,326	6,489	6,511	6,804	7,544	8,330	8,855	9,100	9,330	9,660	9,915
	FEB.												
V-72 Direct Man-Hours	6	—	—	—	—	—	—	—	—	—	—	—	—
A-31C Direct Man-Hours	101	160	125	—	—	—	—	—	—	—	—	—	—
A-35A Direct Man-Hours	151	200	160	—	—	—	—	—	—	—	—	—	—
A-35B Direct Man-Hours	128	245	370	543	608	687	774	840	884	897	869	838	811
All Other Direct Man-Hours	103	130	208	176	125	220	325	325	325	310	312	305	300
Total Direct Man-Hours	488[2]	735	863	719	733	907	1,099	1,165	1,209	1,207	1,181	1,143	1,111
Aver. Hrs. per Direct Worker in Month	165	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	2,955	3,675	4,314	3,595	3,666	4,536	5,493	5,824	6,044	6,034	5,906	5,715	5,554
Total Employees	5,749	6,575	7,314	6,745	6,966	7,936	8,993	9,424	9,644	9,634	9,506	9,315	9,154
	MAR.												
A-31C Direct Man-Hours	115	59	—	—	—	—	—	—	—	—	—	—	—
A-35A Direct Man-Hours	160	63	31	—	—	—	—	—	—	—	—	—	—
A-35B Direct Man-Hours	210	302	416	449	529	604	682	753	872	903	845	818	796
All Other Direct Man-Hours	82	138	185	188	138	220	239	256	232	238	227	222	227
Total Direct Man-Hours	567	562	632	637	667	824	921	1,009	1,104	1,141	1,072	1,040	1,023
Aver. Hrs. per Direct Worker in Month	197	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	2,874	2,810	3,160	3,185	3,335	4,120	4,605	5,045	5,520	5,705	5,360	5,200	5,115
Total Employees	5,755	5,620	6,194	6,242	6,436	7,580	8,196	8,677	9 218	9,415	9,031	8 834	8,713
	APR.												
A-31C Direct Man-Hours	55	24	—	—	—	—	—	—	—	—	—	—	—
A-35A Direct Man-Hours	154	22	—	—	—	—	—	—	—	—	—	—	—
A-35B Direct Man-Hours	193	335	469	552	514	492	474	461	450	441	433	426	420
All Other Direct Man-Hours	72	194	161	135	148	164	164	164	164	164	164	164	164
Total Direct Man-Hours	474	575	630	687	662	656	638	625	614	605	597	590	584
Aver. Hrs. per Direct Worker in Month	172	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	2,895	2,876	3,148	3,435	3,310	3,278	3,188	3,123	3,068	3,023	2,983	2,948	2,918
Total Employees	5,872	5,826	6,098	6,385	6,260	6,228	6,138	6,073	6,018	5,973	5,933	5,898	5 868
	MAY												
A-31C Direct Man-Hours	11	—	—	—	—	—	—	—	—	—	—	—	—
A-35A Direct Man-Hours	17	—	—	—	—	—	—	—	—	—	—	—	—
A-35B Direct Man-Hours	326	516	587	527	500	467	407	318	248	179	57	—	—
A-20B Direct Man-Hours	—	—	—	33	67	115	189	244	320	406	490	492	574
All Other Direct Man-Hours	67	77	126	129	116	116	108	130	135	120	160	145	154
Total Direct Man-Hours	421	593	713	689	683	698	704	692	703	705	707	637	728
Aver. Hrs. per Direct Worker in Month	157	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	2,680	2,965	3,565	3,445	3,415	3,490	3,520	3,460	3,515	3,525	3,535	3,185	3,640
Total Employees	5,608	5,915	6,513	6,395	6,365	6,440	6,470	6,410	6,465	6,475	6,485	6,135	6,590

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, NASHVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
A-35B Direct Man Hours	311	111	107	128	121	125	177	368	262	113			
A-20H Direct Man Hours	—			11	43	121	162	244	290	381	493	528	603
All Other Direct Man Hours	95	102	109	111	113	115	121	120	128	136	130	106	119
Total Direct Man Hours	406	416	476	600	677	761	760	732	680	630	623	634	722
Aver. Hrs. per Direct Worker in Month	166	190	190	190	190	200	197	190	177	164	162	165	182
Direct Workers	2,452	2,716	3,032	3,158	3,363	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,975
Total Employees	5,430	5,753	6,125	6,258	6,663	6,950	6,950	6,950	6,950	6,950	6,950	6,950	7,075
	JULY												
A-35B Direct Man-Hours	310	349	109	134	393	311	235	195	105	—	—	—	
A-20H Direct Man-Hours	—	—	11	43	121	162	244	290	381	493	528	603	715
All Other Direct Man-Hours	122	129	118	108	103	104	100	94	96	99	106	119	125
Total Direct Man-Hours	432	478	538	585	617	607	579	579	582	592	634	722	840
Aver. Hrs. per Direct Worker in Month	182	190	195	195	195	192	183	183	181	187	195	195	195
Direct Workers	2,368	2,518	2,758	2,998	3,164	3,164	3,164	3,164	3,164	3,164	3,521	3,703	4,308
Total Employees	5,390	5,570	5,838	6,098	6,264	6,264	6,264	6,264	6,264	6,264	6,351	6,803	7,408
	AUG.												
A-35B Direct Man Hours	324	399	439	422	410	373	357	376	326	310	251	87	8
A-20H Direct Man Hours	—	—	21	21	25	36	48	68	103	138	148	138	122
All Other Direct Man-Hours	107	117	126	136	136	126	128	131	129	102	102	98	88
Total Direct Man-Hours	431	516	586	579	571	535	533	575	558	550	501	323	218
Aver. Hrs. per Direct Worker in Month	173	185	194	192	189	177	176	190	185	182	180	175	170
Direct Workers	2,496	2,789	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	2,783	1,846	1,282
Total Employees	5,613	5,889	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	5,883	4,946	4,382
	SEPT.												
A-35B Direct Man-Hours	351	390	421	448	396	310	342	318	274	193	108	6	—
All Other Direct Man-Hours	110	128	131	133	140	176	184	123	87	80	72	67	—
Total Direct Man-Hours	461	518	552	581	536	486	526	441	361	273	180	73	—
Aver. Hrs. per Direct Worker in Month	171	170	170	170	170	163	170	170	170	170	170	170	—
Direct Workers	2,689	3,047	3,253	3,412	3,153	2,982	3,094	2,594	2,124	1,606	1,059	429	—
Total Employees	5,776	6,147	6,353	6,512	6,253	6,082	6,194	5,694	5,224	4,706	4,159	3,529	—
	OCT.												
A-35B Direct Man-Hours	381	390	421	448	396	333	319	318	287	163	108	36	—
P-38 Direct Man-Hours	—	—	—	4	19	28	40	42	53	176	269	322	367
All Other Direct Man-Hours	154	149	178	209	253	369	377	378	407	417	388	416	416
Total Direct Man-Hours	535	539	599	661	668	730	736	738	747	756	765	774	783
Aver. Hrs. per Direct Worker in Month	192	180	180	180	173	187	180	180	180	180	180	180	180
Direct Workers	2,791	2,994	3,328	3,672	3,861	3,904	4,089	4,100	4,150	4,200	4,250	4,300	4,350
Total Employees	5,773	6,054	6,419	6,794	7,014	7,088	7,305	7,348	7,430	7,510	7,590	7,670	7,750
	NOV.												
A-35B Direct Man-Hours	418	330	342	316	334	285	273	243	195	92	36	6	—
P-38J Direct Man-Hours	—	—	—	7	14	22	30	37	49	75	107	118	142
All Other Direct Man-Hours	189	252	233	217	220	238	242	265	301	378	402	421	403
Total Direct Man-Hours	607	582	575	540	568	545	545	545	545	545	545	545	545
Aver. Hrs. per Direct Worker in Month	201	175	173	168	177	170	170	170	170	170	170	170	170
Direct Workers	3,020	3,325	3,325	3,207	3,207	3,207	3,207	3,207	3,207	3,207	3,207	3,207	3,207
Total Employees	6,058	6,325	6,325	6,207	6,207	6,207	6,207	6,207	6,207	6,207	6,207	6,207	6,207
	DEC.												
A-35B Direct Man-Hours	289	342	314	328	313	287	270	207	92	43	6	—	—
P-38J Direct Man Hours	—	—	—	22	25	34	44	56	98	124	154	174	196
All Other Direct Man-Hours	265	249	230	216	206	223	230	281	354	377	384	370	348
Total Direct Man-Hours	554	591	544	566	544	544	544	544	544	544	544	544	544
Aver. Hrs. per Direct Worker in Month	166	170	163	177	170	170	170	170	170	170	170	170	170
Direct Workers	3,343	3,478	3,339	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
Total Employees	6,438	6,578	6,439	6,300	6,300	6,300	6,300	6,300	6,300	6,300	6,300	6,300	6,300
	1944 JAN.												
A-35B Direct Man-Hours	309	278	294	251	228	189	147	73	21	3	—	—	—
P-38J Direct Man-Hours	—	—	5	20	40	64	86	105	116	137	147	160	178
All Other Direct Man-Hours	250	244	247	234	278	274	294	368	390	387	380	345	367
Total Direct Man-Hours	559	522	546	505	546	527	527	546	527	527	527	505	545
Aver. Hrs. per Direct Worker in Month	167	163	176	163	176	170	170	176	170	170	170	163	176
Direct Workers	3,357	3,200	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100
Total Employees	6,402	6,200	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100
	FEB.												
A-35B Direct Man-Hours	239	139	45	12	—	—	—	—	—	—	—	—	—
P-38J Direct Man-Hours	—	5	20	40	64	87	108	120	142	153	160	208	199
All Other Direct Man-Hours	189	204	201	217	240	208	303	349	343	335	314	310	293

CONSOLIDATED-VULTEE, NASHVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB.												
Total Direct Man Hours	428	318	266	269	304	355	411	469	485	458	474	518	492
Aver. Hrs. per Direct Worker in Month	138	176	163	176	170	170	176	170	170	170	163	176	157
Direct Workers	3,102	1,977	1,632	1,528	1,788	2,088	2,335	2,759	2,853	2,871	2,908	2,943	3,134
Total Employees	6,019	4,777	4,282	4,048	4,188	4,538	4,835	5,309	5,453	5,521	5,578	5,693	5,934
	MAR.												
A-35B Direct Man-Hours	129	59	20	—	—	—	—	—	—	—	—	—	—
P-38J Direct Man-Hours	1	23	44	70	92	110	121	147	161	179	220	199	266
All Other Direct Man-Hours	168	212	222	235	248	256	265	269	267	259	259	230	230
Total Direct Man-Hours	298	294	286	305	340	366	386	416	428	438	479	429	496
Aver. Hrs. per Direct Worker in Month	129	163	176	170	170	176	170	170	170	163	176	157	176
Direct Workers	2,315	1,804	1,625	1,794	2,000	2,079	2,271	2,447	2,518	2,687	2,722	2,732	2,818
Total Employees	4,970	4,254	4,025	4,194	4,400	4,479	4,696	4,897	4,993	5,187	5,247	5,282	5,393
	APR.												
A-35B Direct Man-Hours	54	16	—	—	—	—	—	—	—	—	—	—	—
P-38 Direct Man-Hours	—	30	67	102	102	121	150	162	182	208	213	249	302
All Other Direct Man-Hours	174	227	228	221	251	265	267	279	258	272	231	255	216
Total Direct Man-Hours	228	273	295	323	353	386	417	441	440	480	444	504	518
Aver. Hrs. per Direct Worker in Month	142	176	170	170	176	170	170	170	163	176	157	176	163
Direct Workers	1,604	1,551	1,735	1,900	2,006	2,271	2,453	2,594	2,699	2,727	2,828	2,864	3,178
Total Employees	4,073	3,951	4,135	4,300	4,406	4,696	4,903	5,069	5,199	5,252	5,378	5,439	5,778
	MAY												
A-35B Direct Man-Hours	36	12	—	—	—	—	—	—	—	—	—	—	—
P-38L-1-VN Direct Man-Hours	1	12	22	41	58	84	118	148	227	234	309	338	400
P-38L-1-LO Direct Man-Hours	—	—	6	12	18	21	25	28	—	—	—	—	—
All Other Direct Man-Hours	198	235	244	253	262	259	254	251	247	232	222	212	198
Total Direct Man-Hours	235	259	272	306	338	364	397	427	474	466	531	550	598
Aver. Hrs. per Direct Worker in Month	159	170	170	176	170	170	174	167	181	160	181	167	181
Net Direct Employment	1,479	1,524	1,600	1,739	1,988	2,141	2,282	2,557	2,619	2,913	2,934	3,293	3,304
Total Net Employment	3,926	3,924	4,000	4,139	4,413	4,591	4,757	5,057	5,144	5,463	5,509	5,893	5,929
	JUNE												
A-35B Direct Man-Hours	30	—	—	—	—	—	—	—	—	—	—	—	—
P-38L-1-NV Direct Man-Hours	1	3	28	55	80	112	131	203	217	292	320	385	430
P-38L-1-LO Direct Man-Hours	—	6	12	18	21	25	28	—	—	—	—	—	—
All Other Direct Man-Hours	188	259	278	305	302	297	278	273	263	255	235	219	186
Total Direct Man-Hours	219	268	318	378	403	434	437	476	480	547	555	604	616
Aver. Hrs. per Direct Worker in Month	157	170	176	170	170	174	167	181	160	181	167	181	174
Net Direct Employment	1,397	1,576	1,807	2,224	2,371	2,404	2,617	2,630	3,000	3,022	3,323	3,337	3,540
Total Net Employment	3,900	4,101	4,357	4,799	4,971	5,119	5,267	5,305	5,730	5,782	6,113	6,157	6,390
	JULY												
P-38L-1-VN Direct Man-Hours	3	28	55	80	112	131	203	217	292	320	385	430	508
P-38L-1-LO Direct Man-Hours	1	12	18	21	25	28	—	—	—	—	—	—	—
All Other Direct Man-Hours	286	278	305	302	297	278	273	263	255	235	219	186	179
Total Direct Man-Hours	290	318	378	403	434	437	476	480	547	555	604	616	687
Aver. Hrs. per Direct Worker in Month	193	176	170	170	174	167	181	160	181	167	181	174	174
Net Direct Employment	1,499	1,807	2,224	2,371	2,494	2,617	2,630	3,000	3,022	3,323	3,337	3,540	3,948
Total Net Employment	4,107	4,357	4,799	4,971	5,119	5,267	5,305	5,730	5,782	6,113	6,157	6,390	6,828
	AUG.												
P-38L-1-VN Direct Man-Hours	11	40	70	102	109	205	232	295	300	365	446	495	558
P-38L-1-LO Direct Man-Hours	3	18	21	25	28	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	307	278	273	259	253	229	205	202	199	196	194	190	183
Total Direct Man-Hours	321	336	364	386	390	434	437	497	499	561	640	685	741
Aver. Hrs. per Direct Worker in Month	189	170	170	174	167	181	160	181	167	181	174	174	181
Net Direct Employment	1,695	1,976	2,141	2,218	2,335	2,398	2,731	2,746	2,988	3,099	3,678	3,937	4,094
Total Net Employment	4,248	4,551	4,741	4,843	4,985	5,093	5,461	5,506	5,778	5,919	6,528	6,817	7,004
	SEPT.												
P-38L-1-VN Direct Man-Hours	22	66	104	150	210	230	295	300	377	430	497	552	622
P-38L-1-LO Direct Man-Hours	9	16	10	5	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	255	247	247	238	242	186	187	161	168	163	161	155	152
Total Direct Man-Hours	286	329	361	393	452	416	482	461	545	593	658	707	774
Aver. Hrs. per Direct Worker in Month	165	170	174	167	181	160	181	167	181	174	174	181	167
Net Direct Employment	1,738	1,935	2,075	2,353	2,497	2,600	2,663	2,760	3,011	3,408	3,782	3,906	4,635
Total Net Employment	4,160	4,385	4,550	4,853	5,022	5,151	5,241	5,366	5,647	6,078	6,491	6,654	7,429
	OCT.												
P-38L-1-VN Direct Man-Hours	42	93	136	173	206	259	284	356	381	437	490	530	619
P-38L-1-LO Direct Man-Hours	11	10	5	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	287	247	238	242	190	193	161	168	163	158	158	147	146

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, NASHVILLE (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 OCT.												
Total Direct Man-Hours	290	170	379	415	386	452	445	524	544	595	648	677	765
Aver. Hrs. per Direct Worker in Month	156	174	167	181	160	181	167	181	174	174	181	167	181
Net Direct Employment	1,862	2,011	2,269	2,293	2,413	2,497	2,665	2,895	3,126	3,420	3,580	4,054	4,227
Total Net Employment	4,163	4,335	4,616	4,663	4,807	4,915	5,107	5,361	5,617	5,936	6,121	6,620	6,819
	NOV.												
P-38L-1 VN Direct Man-Hours	62	106	157	202	265	268	356	382	452	512	524	590	619
P-38L-1 LO Direct Man Hours	12	5	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	247	239	231	189	186	163	168	163	161	163	143	142	131
Total Direct Man Hours	321	350	388	391	451	431	524	545	613	675	667	732	750
Aver. Hrs. per Direct Worker in Month	161	174	188	167	188	174	188	181	181	188	174	188	181
Net Direct Employment	1,993	2,011	2,064	2,341	2,399	2,477	2,787	3,011	3,387	3,590	3,833	3,894	4,144
Total Net Employment	4,254	4,295	4,371	4,671	4,752	4,854	5,188	5,436	5,836	6,064	6,332	6,418	6,693
	DEC.												
P-38L-5 VN Direct Man-Hours	82	174	201	279	316	357	395	445	514	539	623	648	677
P-38L-1 LO Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	248	250	235	177	141	128	93	65	65	65	64	64	57
Total Direct Man Hours	335	424	436	456	457	485	488	510	579	604	687	712	734
Aver. Hrs. per Direct Worker in Month	164	184	167	170	170	180	181	181	188	174	188	181	174
Net Direct Employment	2,041	2,304	2,611	2,682	2,688	2,694	2,696	2,818	3,080	3,471	3,654	3,934	4,218
Total Net Employment	4,284	4,566	4,892	4,982	4,988	4,994	5,014	5,154	5,439	5,854	6,061	6,491	6,960
	1945 JAN.												
P-38L-5-VN Direct Man-Hours	162	192	248	257	299	323	360	392	423	141	371	328	289
All Other Direct Man-Hours	276	243	246	202	198	161	130	124	103	83	42	36	35
Total Direct Man-Hours	438	435	494	459	497	484	490	516	526	524	413	364	324
Aver. Hrs. per Direct Worker in Month	197	182	205	190	205	198	198	205	190	205	198	190	205
Net Direct Employment	2,229	2,390	2,410	2,416	2,424	2,444	2,475	2,517	2,768	2,556	2,086	1,916	1,580
Total Net Employment	4,642	5,027	5,067	5,116	5,124	5,144	5,175	5,217	5,468	5,231	4,086	4,416	1,080
	FEB.												
P-38L-5-VN Direct Man-Hours	206	263	274	339	343	373	406	430	540	371	329	307	266
All Other Direct Man-Hours	246	267	229	204	182	152	138	110	80	29	28	28	26
Total Direct Man-Hours	452	530	503	543	525	525	544	540	530	400	357	335	292
Aver. Hrs. per Direct Worker in Month	184	205	190	205	198	198	205	190	205	198	190	205	182
Net Direct Employment	2,454	2,585	2,647	2,649	2,652	2,652	2,654	2,842	2,585	2,020	1,879	1,634	1,604
Total Net Employment	5,157	5,433	5,547	5,549	5,552	5,552	5,554	5,742	5,435	4,720	4,429	4,059	3,904
	MAR.												
P-38L-5-VN Direct Man-Hours	296	282	343	343	335	328	314	308	303	288	307	266	275
All Other Direct Man-Hours	243	214	175	148	148	132	111	81	28	28	27	26	25
Total Direct Man-Hours	539	496	518	491	483	460	425	389	331	316	334	292	300
Aver. Hrs. per Direct Worker in Month	210	190	205	198	198	205	190	205	198	190	205	182	198
Net Direct Employment	2,562	2,612	2,528	2,479	2,439	2,244	2,237	1,898	1,672	1,663	1,627	1,605	1,515
Total Net Employment	5,373	5,362	5,228	5,129	5,039	4,794	4,737	4,348	4,072	3,963	3,902	3,855	3,740
	APR.												
P-38L-5-VN Direct Man-Hours	313	150	81	29	14	6	1	—	—	—	—	—	—
All Other Direct Man-Hours	157	148	158	165	182	165	177	155	124	116	55	25	25
Total Direct Man-Hours	470	298	239	194	196	171	178	155	124	116	55	25	25
Aver. Hrs. per Direct Worker in Month	196	175	198	198	205	190	205	198	190	205	182	198	198
Net Direct Employment	2,400	1,703	1,207	980	956	900	868	783	653	566	302	126	126
Total Net Employment	5,200	3,603	2,432	1,980	1,931	1,825	1,743	1,583	1,328	1,141	702	526	526
	MAY												
P-38L-5-VN Direct Man-Hours	155	7	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	75	135	142	160	169	200	174	163	179	129	98	91	87
Total Direct Man-Hours	230	142	142	160	169	200	174	163	179	129	98	91	87
Aver. Hrs. per Direct Worker in Month	150	198	190	205	182	205	190	190	198	175	198	198	198
Net Direct Employment	1,534	717	747	780	929	976	916	858	904	737	495	460	439
Total Net Employment	3,619	1,817	1,494	1,560	1,858	1,952	1,832	1,716	1,808	1,474	990	920	878
	JUNE												
P-38L-5-VN Direct Man-Hours	13	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	76	140	104	109	119	115	135	149	159	158	150	146	141
Total Direct Man-Hours	89	140	104	109	119	115	135	149	159	158	150	146	141
Aver. Hrs. per Direct Worker in Month	130	190	205	182	205	190	190	198	175	198	198	198	190
Net Direct Employment	687	737	507	599	580	547	711	753	909	798	758	737	742
Total Net Employment	2,058	1,474	1,014	1,198	1,160	1,094	1,422	1,506	1,818	1,596	1,516	1,474	1,484

CONSOLIDATED-VULTEE, NEW ORLEANS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
P4Y-1 Direct Man Hours	—	—	22	48	68	102	123	164	210	265	325	385	490
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	22	48	68	102	123	164	210	265	325	385	490
Aver. Hrs. per Direct Worker in Month	—	—	165	165	165	165	165	165	165	165	165	165	165
Direct Workers	—	—	130	291	409	618	743	994	1,280	1,601	1,972	2,348	2,460
Total Employees	75	150	390	690	924	1,358	1,521	1,772	2,058	2,379	2,750	3,126	3,360
	FEB.[28]												
P4Y-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	—	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
P4Y-1 Direct Man-Hours	0	0	21	42	65	104	166	229	291	389	458	540	713
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	0	0	21	42	65	104	166	229	291	389	458	540	713
Aver. Hrs. per Direct Worker in Month	0	0	208	208	216	208	208	208	208	216	208	200	216
Direct Workers	0	0	100	200	300	500	800	1,100	1,400	1,800	2,200	2,700	3,300
Total Employees	402	515	754	978	1,200	1,500	1,900	2,300	2,700	3,200	3,700	4,300	5,000
	APR.[28]												
P4Y-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	—	—	—	—	—	—	—	—	—	—	—	—	—
	MAY												
P4Y-1 Direct Man-Hours	0	42	65	104	166	229	291	389	458	540	713	820	1,080
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	0	42	65	104	166	229	291	389	458	540	713	820	1,080
Aver. Hrs. per Direct Worker in Month	0	208	216	208	208	208	208	216	208	200	216	200	216
Direct Workers	0	200	300	500	800	1,100	1,400	1,800	2,200	2,700	3,300	4,100	5,000
Total Employees	883	978	1,200	1,500	1,900	2,300	2,700	3,200	3,700	4,300	5,000	5,900	6,800
	JUNE												
P4Y-1 Direct Man-Hours	3	6	20	59	119	198	288	376	475	639	722	927	1,030
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3	6	20	59	119	198	288	376	475	639	722	927	1,030
Aver. Hrs. per Direct Worker in Month	195	206	198	198	198	198	206	198	190	206	190	206	198
Direct Workers	9	30	100	300	600	1,000	1,400	1,900	2,500	3,100	3,800	4,500	5,200
Total Employees	963	1,150	1,400	1,700	2,100	2,600	3,100	3,700	4,400	5,100	5,900	6,750	7,600
	JULY												
P4Y-1 Direct Man-Hours	4	20	59	119	198	288	376	475	639	722	927	1,030	1,049
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	4	20	59	119	198	288	376	475	639	722	927	1,030	1,049
Aver. Hrs. per Direct Worker in Month	200	198	198	198	198	206	198	190	206	190	206	198	198
Direct Workers	22	101	298	601	1,000	1,398	1,899	2,500	3,102	3,800	4,500	5,202	5,298
Total Employees	1,115	1,401	1,698	2,101	2,600	3,098	3,699	4,400	5,102	5,900	6,750	7,602	7,799
	AUG.												
P4Y-1 Direct Man-Hours	11	59	119	198	288	376	475	639	722	927	1,030	1,049	1,092
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	11	59	119	198	288	376	475	639	722	927	1,030	1,049	1,092
Aver. Hrs. per Direct Worker in Month	169	198	198	198	206	198	190	206	190	206	198	198	206
Direct Workers	63	300	600	1,000	1,400	1,900	2,500	3,100	3,800	4,500	5,200	5,300	5,300
Total Employees	1,277	1,650	2,100	2,600	3,100	3,700	4,400	5,100	5,900	6,750	7,600	7,800	7,800
	SEPT.												
PBY-5 Direct Man-Hours	29	37	55	95	149	217	317	370	490	559	658	789	500
PBY-5A Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	342
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	29	37	55	95	149	217	317	370	490	559	658	789	842
Aver. Hrs. per Direct Worker in Month	192	198	198	206	198	190	206	198	198	198	198	206	198
Direct Workers	150	185	280	460	750	1,140	1,540	1,945	2,375	2,825	3,325	3,830	4,250
Total Employees	1,421	1,572	1,644	1,819	2,153	2,636	3,137	3,665	4,192	4,720	5,317	5,908	6,415

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED VULTEE, NEW ORLEANS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
PBY-5 Direct Man Hours	36	90	113	168	228	340	418	577	673	792	810	750	700
PBY-5A Direct Man Hours	—	—	—	—	—	—	—	—	—	—	127	210	280
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	36	90	113	168	228	340	418	577	673	792	937	960	980
Aver. Hrs. per Direct Worker in Month	178	198	206	198	190	206	190	206	198	198	206	198	198
Direct Workers	202	500	550	850	200	1,650	2,200	2,800	3,400	4,000	4,550	4,850	4,950
Total Employees	1,445	1,900	1,900	2,300	2,750	3,300	4,000	4,750	5,500	6,250	6,950	7,350	7,500
	NOV.												
PBY-5 Direct Man Hours	50	113	168	228	340	418	577	673	792	810	750	700	670
PBY-5A Direct Man-Hours	—	—	—	—	—	—	—	—	—	127	210	280	340
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	50	113	168	228	340	418	577	673	792	937	960	980	1,010
Aver. Hrs. per Direct Worker in Month	187	206	198	190	206	190	206	198	198	206	198	198	198
Direct Workers	265	550	850	1,200	1,650	2,200	2,800	3,400	4,000	4,550	4,850	4,950	5,100
Total Employees	1,515	1,900	2,300	2,750	3,300	4,000	4,750	5,500	6,250	6,950	7,350	7,500	7,700
	DEC.												
PBY-5 Direct Man Hours	55	30	30	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man Hours	10	61	110	236	315	454	546	655	794	874	946	946	919
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	65	91	140	236	315	454	546	655	794	874	946	946	919
Aver. Hrs. per Direct Worker in Month	178	182	175	189	175	189	182	182	189	182	182	182	182
Direct Workers	366	500	800	1,250	1,800	2,400	3,000	3,600	4,200	4,800	5,200	5,200	5,050
Total Employees	1,817	2,150	2,650	3,250	3,900	4,625	5,350	6,075	6,800	7,525	8,050	8,050	7,900
	1944 JAN.[1]												
PBY-5 Direct Man Hours	30	—	—	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man-Hours	57	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	87	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	182	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	477	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	2,123	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
PBY-5 Direct Man-Hours	27	20	3	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man-Hours	65	197	302	454	546	655	794	874	946	946	919	935	815
All Other Direct Man-Hours	11	10	10	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	103	227	315	454	546	655	794	874	946	946	919	935	815
Aver. Hrs. per Direct Worker in Month	143	189	175	189	182	182	189	182	182	182	182	189	168
Direct Workers	724	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,200	5,200	5,050	5,950	4,850
Total Employees	2,640[29]	3,200	3,900	4,625	5,350	6,075	6,800	7,525	8,050	8,050	7,900	7,800	7,700
	MAR.												
PBY-5 Direct Man-Hours	23	4	—	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man-Hours	112	232	375	468	576	689	791	891	917	882	888	780	836
All Other Direct Man-Hours	11	11	3	5	7	10	10	10	10	10	10	10	10
Total Direct Man-Hours	146	247	378	473	583	699	801	901	927	892	898	790	846
Aver. Hrs. per Direct Worker in Month	145	175	189	182	182	189	182	182	182	182	189	168	182
Direct Workers	1,011	1,410	2,000	2,600	3,200	3,800	4,400	4,950	5,100	4,900	4,750	4,700	4,650
Total Employees	3,111[29]	3,560	4,225	4,950	5,675	6,400	7,125	7,800	7,950	7,750	7,575	7,525	7,475
	APR.												
PBY-5 Direct Man Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man-Hours	189	347	467	575	689	791	891	917	882	888	780	870	786
All Other Direct Man Hours	10	4	6	8	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	206	351	473	583	699	801	901	927	892	898	790	880	796
Aver. Hrs. per Direct Worker in Month	163	189	182	182	189	182	182	182	182	189	168	189	175
Direct Workers	1,260	1,850	2,600	3,200	3,800	4,400	4,950	5,100	4,900	4,750	4,700	4,650	4,550
Total Employees	3,173[29]	4,113	4,950	5,675	6,400	7,125	7,800	7,950	7,750	7,575	7,525	7,475	7,350
	MAY												
PBY-5A (PBY-6A) Direct Man Hours	224	279	281	153	190	545	600	637	765	746	906	847	878
All Other Direct Man Hours	6	8	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	230	287	301	463	500	555	610	647	775	756	916	857	888
Aver. Hrs. per Direct Worker in Month	200	182	182	189	182	182	182	175	189	168	189	175	189
Net Direct Employment	1,150	1,576	2,150	2,450	2,750	3,050	3,350	3,700	4,100	4,500	4,850	4,900	4,700
Total Net Employment	3,074	4,612	5,225	5,555	5,885	6,215	6,545	6,925	7,350	7,770	8,130	8,180	7,970
	JUNE												
PBY-5A (PBY-6A) Direct Man-Hours	235	319	453	490	545	600	637	765	746	906	847	878	818
All Other Direct Man-Hours	6	8	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	241	327	463	500	555	610	647	775	756	916	857	888	828

CONSOLIDATED-VULTEE, NEW ORLEANS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
Aver. Hrs. per Direct Worker in Month	197	182	189	182	182	182	175	189	168	189	175	189	182
Net Direct Employment	1,223	1,796	2,450	2,750	3,050	3,350	3,700	4,100	4,350	4,350	4,900	4,700	4,550
Total Net Employment	4,359	4,976	5,565	5,895	6,225	6,555	6,930	7,350	7,760	8,110	8,160	7,955	7,795
	JULY												
PBY-5A (PBY-6A) Direct Man-Hours	308	394	490	545	600	637	765	746	906	847	878	818	800
All Other Direct Man-Hours	7	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	315	404	500	555	610	647	775	756	916	857	888	828	810
Aver. Hrs. per Direct Worker in Month	212	189	182	182	182	175	189	168	189	175	189	182	182
Net Direct Employment	1,488	2,141	2,750	3,050	3,350	3,700	4,100	4,500	4,850	4,900	4,700	4,550	4,450
Total Net Employment	4,842	5,431	5,895	6,225	6,555	6,930	7,350	7,760	8,110	8,160	7,955	7,795	7,685
	AUG.												
PBY-5A (PBY-6A) Direct Man-Hours	339	385	438	488	527	641	—	—	—	—	—	—	—
All Other Direct Man-Hours	7	10	10	10	10	10	—	—	—	—	—	—	—
Total Direct Man-Hours	346	395	448	498	537	651	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	206	189	169	169	163	176	—	—	—	—	—	—	—
Net Direct Employment	1,675	2,084	2,650	2,950	3,300	3,700	—	—	—	—	—	—	—
Total Net Employment	5,105	5,369	5,825	6,155	6,530	6,950	—	—	—	—	—	—	—
	SEPT.												
PBY-5A (PBY-6A) Direct Man-Hours	338	438	488	527	641	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	6	10	10	10	10	—	—	—	—	—	—	—	—
Total Direct Man-Hours	344	448	498	537	651	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	203	198	169	163	176	—	—	—	—	—	—	—	—
Net Direct Employment	1,693	2,259	2,950	3,300	3,700	—	—	—	—	—	—	—	—
Total Net Employment	5,151	5,607	6,155	6,530	6,950	—	—	—	—	—	—	—	—
	OCT.												
PBY-5A (PBY-6A) Direct Man-Hours	334	467	576	764	754	870	805	843	767	733	738	674	711
All Other Direct Man-Hours	8	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	342	477	586	774	764	880	815	853	777	743	748	684	721
Aver. Hrs. per Direct Worker in Month	191	188	163	176	156	176	163	176	169	169	176	163	176
Net Direct Employment	1,792	2,533	3,600	4,400	4,900	5,000	5,000	4,850	4,600	4,400	4,250	4,200	4,100
Total Net Employment	5,489	6,177	7,050	7,950	8,500	8,600	8,600	8,425	8,125	7,875	7,675	7,600	7,475
	NOV.												
PBY-5A (PBY-6A) Direct Man-Hours	403	740	650	536	553	511	553	531	531	553	511	518	497
All Other Direct Man-Hours	8	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	411	750	660	546	563	521	563	541	541	563	521	528	507
Aver. Hrs. per Direct Worker in Month	204	150	165	156	176	163	176	169	169	176	163	176	169
Net Direct Employment	2,019[30]	5,000	4,000	3,500	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,000	3,000
Total Net Employment	5,973	9,500	8,000	7,300	6,800	6,600	6,600	6,550	6,550	6,500	6,500	6,250	6,200
	DEC.												
PBY-5A (PBY-6A) Direct Man-Hours	427	470	470	557	528	553	514	505	509	462	491	463	446
All Other Direct Man-Hours	4	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	431	480	480	567	538	563	524	515	519	472	501	473	456
Aver. Hrs. per Direct Worker in Month	195	183	156	176	163	176	169	169	176	163	176	169	163
Net Direct Employment	2,214[30]	2,627	3,075	3,225	3,300	3,200	3,100	3,050	2,950	2,900	2,850	2,800	2,800
Total Net Employment	6,204	6,307	6,475	6,625	6,700	6,575	6,450	6,375	6,225	6,150	6,075	6,000	6,000
	1945 JAN.												
PBY-5A (PBY-6A) Direct Man-Hours	496	453	540	524	592	594	594	588	511	518	480	463	491
All Other Direct Man-Hours	2	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	498	463	550	534	602	604	604	598	521	528	490	473	501
Aver. Hrs. per Direct Worker in Month	216	172	176	163	176	169	169	176	163	176	169	163	176
Net Direct Employment	2,303[30]	2,701	3,125	3,275	3,425	3,575	3,575	3,400	3,200	3,000	2,900	2,900	2,850
Total Net Employment	6,317	6,535	6,725	6,875	7,025	7,175	7,175	6,950	6,650	6,350	6,200	6,200	6,125
	FEB.												
PBY-5A (PBY-6A) Direct Man-Hours	439	540	524	592	594	594	588	511	518	480	463	496	435
All Other Direct Man-Hours	7	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	446	550	534	602	604	604	598	521	528	490	473	506	445
Aver. Hrs. per Direct Worker in Month	190	198	163	176	169	169	176	163	176	169	163	176	156
Net Direct Employment	2,344[30]	2,768	3,275	3,425	3,575	3,575	3,400	3,200	3,000	2,900	2,900	2,875	2,850
Total Net Employment	6,421	6,621	6,875	7,025	7,175	7,175	6,950	6,650	6,350	6,200	6,200	6,163	6,125
	MAR.												
PBY-5A (PBY-6A) Direct Man-Hours	480	470	526	522	539	502	495	509	471	446	474	411	429
All Other Direct Man-Hours	9	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	489	480	536	532	549	512	505	519	481	456	484	421	439

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, NEW ORLEANS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	MAR. 1945												
Aver. Hrs. per Direct Worker in Month	212	182	6	169	169	176	163	176	169	163	176	156	169
Net Direct Employment	2,361[m]	2,636	3,050	3,150	3,250	3,250	3,100	2,950	2,850	2,800	2,750	2,700	2,600
Total Net Employment	6,383	6,412	6,500	6,650	6,750	6,700	6,450	6,200	6,000	5,900	5,800	5,650	5,450
	APR.												
PBY 6A Direct Man-Hours	467	511	518	539	562	495	509	471	446	474	411	429	413
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	477	521	528	549	572	505	519	481	456	484	421	439	423
Aver. Hrs. per Direct Worker in Month	206	192	169	169	176	163	176	169	163	176	156	169	169
Net Direct Employment	2,318[m]	2,707	3,125	3,250	3,250	3,100	2,950	2,850	2,800	2,750	2,700	2,600	2,500
Total Net Employment	6,332	6,420	6,550	6,650	6,500	6,250	6,000	5,800	5,700	5,600	5,450	5,250	5,100
	MAY												
PBY 6A Direct Man-Hours	517	518	539	562	495	509	471	446	474	411	429	413	436
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	527	528	549	572	505	519	481	456	484	421	439	423	446
Aver. Hrs. per Direct Worker in Month	224	190	169	176	163	176	169	163	176	156	169	169	182
Net Direct Employment	2,359[m]	2,777	3,250	3,250	3,100	2,950	2,850	2,800	2,750	2,700	2,600	2,500	2,450
Total Net Employment	6,147	6,277	6,600	6,500	6,250	6,000	5,800	5,700	5,600	5,450	5,250	5,100	5,000
	JUNE												
PBY 6A Direct Man-Hours	421	539	562	495	509	471	446	474	411	429	413	436	396
All Other Direct Man-Hours	10	10	10	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	431	549	572	505	519	481	456	484	421	439	423	446	406
Aver. Hrs. per Direct Worker in Month	190	169	176	163	176	169	163	176	156	169	169	182	169
Net Direct Employment	2,268	3,250	3,250	3,100	2,950	2,850	2,800	2,750	2,700	2,600	2,500	2,450	2,400
Total Net Employment	5,764	6,600	6,500	6,250	6,000	5,800	5,700	5,600	5,450	5,250	5,100	5,000	4,990

CONSOLIDATED-VULTEE, SAN DIEGO

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-24 Direct Man-Hours	2,617	2,732	3,041	2,988	3,032	3,081	3,347	3,499	3,588	3,700	3,700	3,700	3,700
PBY Direct Man-Hours	1,230	1,250	1,340	1,200	1,300	970	230	—	—	—	—	—	—
PB2Y Direct Man-Hours	628	882	1,140	1,380	1,432	1,670	2,462	2,190	2,100	1,920	1,960	2,000	2,000
All Other Direct Man-Hours	329	339	353	360	367	379	398	415	417	419	421	423	425
Total Direct Man-Hours	4,804	5,203	5,874	6,018[3]	6,131	6,100	6,437	6,104	6,105	6,039	6,081	6,123	6,125
Aver. Hrs. per Direct Worker in Month	190	185	208	200	200	200	208	200	200	200	200	200	200
Direct Workers	25,349	28,100	28,200	30,100	30,500	30,500	31,000	30,500	30,500	30,500	30,500	30,600	30,600
Total Employees	44,345	48,400	48,700	50,800	51,200	51,200	51,700	51,200	51,200	51,200	51,200	51,300	51,300
	FEB.												
B-24 Direct Man-Hours	2,362	2,770	2,916	3,063	3,164	3,265	3,423	3,577	3,700	3,700	3,700	3,700	3,700
PBY Direct Man-Hours	1,110	1,130	1,118	1,297	1,327	53	—	—	—	—	—	—	—
PB2Y Direct Man-Hours	567	924	1,145	1,836	1,768	1,914	2,074	2,080	2,080	2,080	2,000	2,000	2,000
All Other Direct Man-Hours	319	343	355	362	369	383	400	417	419	421	423	425	427
Total Direct Man-Hours	4,358	5,167	5,534	6,558	6,628	5,615	5,897	6,074	6,199	6,201	6,123	6,125	6,127
Aver. Hrs. per Direct Worker in Month	172	208	200	200	200	208	200	200	200	200	200	200	200
Direct Workers	25,382	24,840	27,670	32,790	32,905	26,995	29,485	30,370	30,995	31,005	30,615	30,625	30,635
Total Employees	44,729	45,340	48,740	53,490	53,605	47,695	50,185	51,070	51,695	51,705	51,315	51,325	51,335
	MAR.												
B-24 Direct Man-Hours	2,488	2,754	2,920	3,164	3,265	3,423	3,577	3,700	3,700	3,700	3,700	3,700	3,700
PBY Direct Man-Hours	1,156	800	775	1,115	1,062	1,008	830	820	648	480	—	—	—
PB2Y Direct Man-Hours	790	1,000	1,125	1,258	1,221	1,198	1,376	1,440	1,568	1,664	2,080	2,080	2,080
All Other Direct Man-Hours	295	355	362	369	383	400	417	419	421	423	425	427	430
Total Direct Man-Hours	4,735	1,909	5,182	5,906	5,931	6,029	6,200	6,379	6,337	6,267	6,205	6,207	6,210
Aver. Hrs. per Direct Worker in Month	188	200	200	200	208	200	200	200	200	200	200	200	208
Direct Workers	25,238	24 715	25,910	29,530	28,515	30,145	31,000	31,895	31,685	31,335	31,025	31,035	27,930
Total Employees	44,725	45 045	46 410	50,230	49,215	50,845	51,700	52,595	52,385	52,035	51,725	51,735	48,030
	APR.												
B-24 Direct Man-Hours	2,319	2,921	3,135	3,265	3,423	3,577	3,700	3,700	3,700	3,700	3,700	3,700	3,700
PBY Direct Man-Hours	986	800	775	1,062	1,008	830	820	648	480	—	—	—	—
PB2Y Direct Man-Hours	769	1,000	1,125	1,221	1,198	1,376	1 440	1,568	1,664	2,080	2,080	2,080	2,080
All Other Direct Man-Hours	233	362	369	383	400	417	419	421	423	425	427	430	432
Total Direct Man-Hours	4,328	5 083	5,404	5,931	6,029	6,200	6,379	6,337	6,267	6,205	6,207	6,210	6,212
Aver. Hrs. per Direct Worker in Month	175	200	200	208	200	200	200	200	200	200	200	208	200
Direct Workers	24,780	25 415	27,020	28,515	30,145	31,000	31,895	31,685	31,335	31,025	31,035	29,855	31,060
Total Employees	43,996	45 415	47,520	49,215	50,845	51,700	52,595	52,385	52 035	51,725	51,735	50,555	51,760
	MAY												
B-24 Direct Man Hours	2,366	2,700	2,870	2,975	2,975	2,915	3,012	3,050	3,085	2,827	3,025	2,856	2,711
PBY Direct Man-Hours	890	1,012	983	983	973	1,065	1,162	1,162	1,162	1,134	1,134	1,134	1,134
PB2Y Direct Man-Hours	671	713	698	685	671	657	400	—	—	—	—	—	—

CONSOLIDATED-VULTEE, SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	MAY 1943												
PB4Y Direct Man Hours	—	—	—	—	—	—	20	38	60	64	165	430	480
All Other Direct Man-Hours	220	362	383	400	417	419	421	423	425	427	430	432	434
Total Direct Man-Hours	4,147	4,787	4,934	5,043	5,036	5,056	5 015	4 670	4 732	4,452	4,754	4 752	4 759
Aver. Hrs. per Direct Worker in Month	172	176	183	176	176	176	176	170	176	162	176	176	176
Direct Workers	24,071	27,199	26,963	28,653	28,614	28,727	28,488	27 471	26 852	27,481	27,011	27,000	27,040
Total Employees	43,211	45,699	45,463	47,153	47,114	47,227	46,988	45 971	45 352	45,981	45,511	45,550	45,540
	JUNE												
B-24 Direct Man Hours	2,433	2,658	2,771	2,844	2,940	2,872	2,834	2,650	2 451	2,460	2,475	2,386	2,384
PBY Direct Man-Hours	802	1,096	1,096	1,259	1,210	1,277	1,264	1 333	1 239	1,227	1,214	1,214	1,214
PB2Y Direct Man-Hours	587	674	504	299	224	—	—	—	—	—	—	—	—
PB4Y Direct Man-Hours	—	—	—	—	—	13	30	85	181	302	429	561	532
All Other Direct Man-Hours	236	383	400	417	419	421	423	425	427	429	431	433	435
Total Direct Man-Hours	4,058	4,811	4,771	4,819	4,793	4,583	4,551	4 493	4 298	4,418	4,549	4,594	4,575
Aver. Hrs. per Direct Worker in Month	176	181	173	169	165	165	165	165	159	165	165	165	165
Direct Workers	23,071	26,580	27,578	28,515	29,048	27,776	27,582	27,230	27 031	26,776	27,570	27,842	27,727
Total Employees	42,066	45,080	46,078	47,015	47,548	46,276	46,082	45,730	45,531	45,276	46,070	46,342	46,227
	JULY												
B-24D Direct Man-Hours	2,446	2,824	2,824	2,952	2,872	2,785	2,655	2,546	2 481	2,478	2,411	2,411	2,344
PBY Direct Man-Hours	921	1,096	1,109	1,152	1,235	1,289	1,277	1,266	1,254	1,243	1,232	1,221	1,210
PB2Y Direct Man-Hours	504	378	211	203	93	—	—	—	—	—	—	—	—
PB4Y Direct Man-Hours	—	—	—	—	13	30	85	181	302	429	561	532	587
All Other Direct Man-Hours	220	291	293	295	297	299	301	303	305	306	306	306	306
Total Direct Man-Hours	4,091	4,589	4,437	4,602	4,510	4,403	4,318	4,296	4,342	4,456	4,510	4,470	4,359[3]
Aver. Hrs. per Direct Worker in Month	189	173	173	173	173	173	173	166	179	166	179	173	173
Direct Workers	21,695	26,526	25,647	26,601	26,069	25,451	24,960	25,880	25,257	26,843	25,196	25 838	25,197
Total Employees	40,130	44,526	43,647	44,601	44,069	43,451	42,960	43 880	42,257	44,843	43,196	43,838	43,197
	AUG.												
B-24 Direct Man-Hours	2,300	2,855	2,984	2,838	2,782	2,455	2,430	2,474	2 449	2,405	2,381	2,425	2,357
PBY-5A Direct Man-Hours	971	959	1,039	1,117	1,117	1,106	1,106	1,095	1,084	1,073	1,062	1,052	1,041
PB2Y Direct Man-Hours	309	341	210	15	—	—	—	—	—	—	—	—	—
PB4Y Direct Man-Hours	—	—	—	13	30	85	181	302	429	561	532	587	651
C-87 Direct Man-Hours	—	—	—	—	—	6	17	46	119	234	348	468	548
All Other Direct Man-Hours	224	268	270	272	274	276	278	280	282	283	283	283	283
Total Direct Man-Hours	3,804	4,423	4,503	4,255	4,203	3,928	4,012	4,197	4,363	4,556	4,606	4,815	4,880
Aver. Hrs. per Direct Worker in Month	185	180	180	180	180	180	173	187	173	187	180	180	187
Direct Workers	20,550	24,572	25,017	23,639	23,350	21,822	23,191	22,444	25,220	24,364	25,589	26,750	26,096
Total Employees	38,467	42,572	43,017	40,639	40,350	38,822	40,191	39,444	43,220	42,364	45 589	44,750	44,096
	SEPT.												
B-24 Direct Man-Hours	2,342	2,942	2,767	2,808	2,481	2,421	2,552	2,380	2,467	2,374	2,300	2,341	2,210
PBY-5A Direct Man-Hours	980	1,049	1,128	1,117	1,106	1,002	738	469	185	—	—	—	—
PB2Y-3 Direct Man-Hours	175	139	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	—	3	9	14	63	127	247	423	479	613	768	887	1,073
C-87 Direct Man-Hours	—	—	—	—	8	15	39	108	165	228	282	305	333
All Other Direct Man-Hours	170	268	270	272	274	276	278	280	282	283	283	283	283
Total Direct Man-Hours	3,667	4,401	4,174	4,211	3,932	3,841	3,854	3,660	3,578	3,498	3,633	3,816	3,899
Aver. Hrs. per Direct Worker in Month	184	180	180	180	180	173	187	173	187	180	180	187	180
Direct Workers	19,943	24,450	23,189	23,394	21,844	22,202	20,610	21,156	19,134	19,433	20,183	20,406	21,661
Total Employees	37,776	42,450	40,589	40,794	38,844	39,202	37,610	38 156	35,934	35,933	36,683	36,906	38,661
	OCT.[3]												
B-24 Direct Man-Hours	2,531	-	-	-	-	—	—	—	—	—	—	—	—
PBY-5A Direct Man-Hours	1,011	-	-	-	-	—	—	—	—	—	—	—	—
PB2Y-3 Direct Man-Hours	93	-	-	-	-	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	195	—	—	—	-	—	—	—	—	—	—	—	—
Total Direct Man Hours	3,830	—	-	-	-	—	—	—	-	-	-	-	-
Aver. Hrs. per Direct Worker in Month	194	-	—	—	-	—	—	—	-	-	—	—	—
Direct Workers	19,717	—	-	-	-	—	—	—	-	-	—	—	—
Total Employees	37,641	—	—	-	-	—	—	—	-	-	—	—	—
	NOV.												
B-24 Direct Man-Hours	2,311	2,639	2,311	2,311	2,944	2,734	2,802	2,555	2 487	2 311	2,250	2,193	2,109
PBY-5A Direct Man-Hours	985	1,045	1,188	879	411	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	—	33	141	236	340	483	606	713	769	816	922	1,016	1,139
C-87 Direct Man-Hours	—	—	17	31	79	178	249	316	360	377	400	410	430
All Other Direct Man-Hours	219	190	256	248	264	248	255	217	217	226	190	190	190
Total Direct Man-Hours	3,515	3,907	3,913	3,705	4,038	3,643	3,912	3,901	3,833	3,914[3]	3,762	3,809	3,868
Aver. Hrs. per Direct Worker in Month	180	180	180	173	187	173	187	180	180	187	180	180	180
Direct Workers	19,569	21,706	21,739	21,416	21,594	21,059	20,920	21,117	21,294	20,930	20,900	21,161	21,489
Total Employees	37,429	40,196	40,257	39,659	39,989	38,998	38,741	39,106	39,433	38,759	38,704	39,187	39,794

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.[1]												
B-24 Direct Man-Hours	2,296	—	—	—	—	—	—	—	—	—	—	—	—
PBY Direct Man-Hours	955	—	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	58	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	191	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,500	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	18,899	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	36,969	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[2]												
B-24 Direct Man-Hours	2,138	—	—	—	—	—	—	—	—	—	—	—	—
PBY-5A Direct Man Hours	893	—	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man Hours	221	—	—	—	—	—	—	—	—	—	—	—	—
C-87 Direct Man Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	183	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,442	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	18,585	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	36,926	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-24 Direct Man-Hours	2,008	2,403	2,188	2,315	2,216	2,203	2,166	2,061	2,034	2,008	1,884	2,007	1,555
PBY-5A Direct Man-Hours	551	126	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	346	398	475	603	675	776	883	949	959	884	812	784	725
C-87-C Direct Man Hours	48	183	142	293	321	343	348	335	319	250	201	151	53
R2Y-1 Direct Man Hours	—	—	15	22	69	130	203	298	370	459	533	618	676
B-32 Direct Man Hours	—	—	—	—	—	—	—	—	58	126	344	650	645
All Other Direct Man-Hours	285	341	375	327	294	234	242	234	234	234	225	242	216
Total Direct Man-Hours	3,238	3,451	3,195	3,560	3,575	3,686	3,842	3,877	3,974	3,961	3,999	4,452	3,870
Aver. Hrs per Direct Worker in Month	176	196	182	196	189	189	196	189	189	189	182	196	175
Direct Workers	18,411	17,607	17,555	18,163	18,915	19,503	19,602	20,513	21,026	20,958	21,973	22,714	22,114
Total Employees	36,720	35,497	35,393	36,253	37,088	37,870	38,062	39,072	39,672	93,543	40,691	41,677	40,951
	MAR.												
B-24 Direct Man-Hours	2,205	2,075	2,200	2,084	2,054	2,097	1,993	1,967	1,936	1,856	1,958	1,780	18,64
PBY-5A Direct Man-Hours	133	—	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	453	412	520	621	716	845	942	952	876	804	778	723	703
RY-3 (C-87 Direct Man-Hours	151	228	285	318	344	346	342	316	249	199	149	53	—
R2Y-1 Direct Man-Hours	17	18	29	63	118	176	259	317	388	456	526	592	695
B-32 Direct Man-Hours	—	—	—	—	—	—	—	39	67	235	384	423	604
All Other Direct Man-Hours	292	375	327	294	304	257	249	234	234	225	242	216	242
Total Direct Man-Hours	3,251	3,108	3,361	3,380	3,481[3]	3,721	3,785	3,825	3,750	3,775	4,037	3,787	4,108
Aver. Hrs per Direct Worker in Month	189	182	196	189	189	196	189	189	189	182	196	175	196
Direct Workers	17,245	17,077	17,148	17,884	18,418	18,985	20,026	20,238	19,841	20,742	20,597	21,640	20,959
Total Employees	35,192	34,412	34,521	35,697	36,114	36,864	38,145	38,549	37,792	39,136	38,862	40,074	39,360
	APR.												
B-24 Direct Man-Hours	1,856	2,096	1,967	1,951	1,993	1,887	1,859	1,831	1,731	1,838	1,609	1,790	1,055
PB4Y-2 Direct Man Hours	427	523	625	722	844	940	945	876	798	782	711	707	663
RY-3 Direct Man Hours	171	285	318	344	346	342	316	249	198	150	53	—	—
R2Y-1 Direct Man Hours	34	55	67	117	176	258	314	384	453	525	592	707	780
B-32 Direct Man Hours	—	—	—	—	—	—	37	98	225	400	419	627	775
All other Direct Man Hours	195	337	314	279	287	279	279	259	235	252	226	252	235
Total Direct Man Hours	2,683	3,296	3,291	3,413	3,646	3,706	3,750	3,697	3,640	3,947	3,610	4,083	3,508
Aver. Hrs per Direct Worker in Month	168	196	189	189	196	189	189	189	182	196	175	196	182
Direct Workers	18,126	16,816	17,413	18,058	18,602	19,608	19,841	19,561	20,000	20,138	20,629	20,831	19,275
Total Employees	33,280	33,855	34,756	35,408	36,120	37,340	37,792	37,259	37,735	37,996	38,559	38,936	36,714
	MAY												
B-24 Direct Man-Hours	1,879	2,057	2,031	2,074	1,960	1,938	1,915	1,811	1,914	1,680	1,876	1,098	—
PB4Y-2 Direct Man Hours	436	555	732	857	939	1,004	948	865	850	759	773	706	713
RY-3 Direct Man Hours	167	271	323	339	339	332	271	217	178	56	—	—	—
R2Y-1 Direct Man Hours	65	85	95	115	170	219	314	381	477	450	443	406	393
B-32 Direct Man Hours	—	—	—	—	—	22	114	248	330	353	436	641	838
All Other Direct Man Hours	249	321	296	324	315	315	295	269	288	258	288	288	299
Total Direct Man-Hours	2,796	3,289	3,477	3,709	3,723	3,830	3,857	3,791	4,037	3,556	3,816	3,139	2,243
Aver. Hrs per Direct Worker in Month	194	189	189	196	189	189	189	182	196	175	196	182	196
Net Direct Employment	14,414	17,402	18,397	18,923	19,698	20,265	20,407	20,830	20,597	20,320	19,469	17,247	11,444
Total Net Employment	32,106	35,718	37,098	37,786	38,563	39,673	39,990	40,415	39,948	39,032	37,383	34,842	27,248
	JUNE												
B-24 Direct Man-Hours	1,803	1,884	1,937	1,846	1,818	1,790	1,700	1,801	1,579	1,753	1,290	—	—
PB4Y-2 Direct Man-Hours	309	561	689	789	898	950	804	858	740	753	691	702	655
RY-3 Direct Man-Hours	190	276	336	338	342	335	268	222	170	96	—	—	—

CONSOLIDATED-VULTEE, SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
R2Y-1 Direct Man Hours	67	—	—	—	21	110	242	341	350	436	633	880	1,345
B-32 Direct Man-Hours	—	—	—	—	—	—	269	288	258	288	288	299	290
All Other Direct Man-Hours	152	296	324	315	315	295	269	288	258	288	2,902	1,881	1,990
Total Direct Man-Hours	2,611	3,017	3,286	3,288	3,394	3,480	3,373	3,510	3,097	3,326	182	196	189
Aver. Hrs. per Direct Worker in Month	198	189	196	189	189	189	182	196	175	196	15,945	9,597	10 529
Net Direct Employment	13,157	15,962	16,765	17,397	17,958	18,413	18,533	17,908	17,697	16,669	33,926	22,850	25 369
Total Net Employment	31,732	33,962	34,927	35,870	36,649	37,198	37,440	36,547	36,116	35,352			
	JULY												
B-24 Direct Man-Hours	1,814	1,723	1,563	1,402	1,225	1,005	1,020	901	1,006	926	994	289	—
PB4Y-2 Direct Man-Hours	468	1,142	1,168	1,205	1,116	1,003	975	866	886	796	805	755	740
RY-3 Direct Man-Hours	182	283	345	341	342	347	364	322	—	—	—	—	—
R2Y-1 Direct Man-Hours	41	—	—	—	—	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	—	—	—	10	55	122	170	175	217	316	439	522	621
All Other Direct Man-Hours	203	334	325	461	520	669	743	738	848	803	835	794	763
Total Direct Man-Hours	2,708	3,482	3,401	3,419	3,258	3,146	3,272	3,002	2,957	2,841	3,073	2,360	2,124
Aver. Hrs. per Direct Worker in Month	205	196	189	189	189	182	196	175	196	182	196	189	189
Net Direct Employment	13,216	17,765	17,995	18,090	17,238	17,286	16,694	17,154	15,087	15,610	15,679	12,486	11,238
Total Net Employment	31,623	36,538	36,780	36,880	35,990	36,041	35,419	35,902	33,732	34,281	34,354	29,729	26,757
	AUG.												
B-24 Direct Man-Hours	1,852	1,697	1,550	1,309	1,161	1,045	759	698	643	693	663	—	—
PB4Y-2 Direct Man-Hours	747	912	988	968	872	878	648	653	473	102	—	—	—
RY-3 Direct Man-Hours	80	20	20	22	33	112	104	101	94	94	88	86	85
All Other Direct Man-Hours	258	299	427	502	668	730	733	827	765	796	689	678	672
Total Direct Man-Hours	2,937	2,933[31]	3,020[31]	2,868[31]	2,969[31]	3,149[31]	2,667[31]	2,884[31]	2,765[31]	2,662[31]	2,627[31]	2,144[31]	2,379[31]
Aver. Hrs. per Direct Worker in Month	207	190	190	190	183	197	175	197	183	197	190	189	196
Net Direct Employment	14,171	15,442	15,902	15,130	16,269	16,020	15,201	14,668	15,148	13,536	13,852	11,344	12,138
Total Net Employment	34,133	35,550	36,056	35,122	36,370	36,095	35,166	34,608	35,137	33,363	33,712	29,103	29,977
	SEPT.[32]												
B-24 Direct Man-Hours	1,488	1,440	1,200	1,047	1,335	1,181	1,014	920	814	781	230	—	—
PB4Y-2 Direct Man-Hours	910	1,004	1,018	897	955	827	843	777	775	745	712	719	677
RY-3 Direct Man-Hours	45	22	31	56	153	142	167	155	151	146	136	117	94
B-32 Direct Man-Hours	13	31	130	205	369	545	716	894	1,111	1,263	1,391	1,413	1,396
PB2Y-3 Direct Man-Hours	119	162	134	124	116	110	106	102	98	48	—	—	—
R2Y-1 Direct Man-Hours	22	8	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	142	307	357	357	511	483	573	564	672	677	772	762	659
Total Direct Man-Hours	2,739	2,974	2,870	2,686	3,439	3,288	3,419	3,412	3,621	3,660	3,241	3,011	2,826
Aver. Hrs. per Direct Worker in Month	203	190	190	183	196	176	197	183	197	190	190	196	189
Net Direct Employment	13,499	15,657	15,119	14,702	17,546	18,729	17,376	18,682	18,406	19,294	17,053	15,362	14,952
Total Net Employment	32,658	35,356	34,742	34,146	37,395	38,703	37,215	38,652	38,348	39,325	36,897	33,039	32,598
	OCT.												
B-24 Direct Man-Hours	1,200	1,213	985	1,212	1,031	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	969	1,018	1,046	1,003	893	—	—	—	—	—	—	—	—
RY-3 Direct Man-Hours	51	51	56	158	142	—	—	—	—	—	—	—	—
B-32 Direct Man-Hours	38	130	205	369	545	716	894	1,111	1,263	1,391	1 413	1,396	1,370
PB2Y-3 Direct Man-Hours	154	186	170	160	150	144	138	134	113	—	—	—	—
R2Y-1 Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	152	357	357	511	512	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,569	2,955	2,819	3,408	3,273	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	196	190	183	197	175	—	—	—	—	—	—	—	—
Net Direct Employment	13,106	15,566	15,429	17,322	18,748	—	—	—	—	—	—	—	—
Total Net Employment	31,535	34,590	34,332	36,502	37,969	—	—	—	—	—	—	—	—
	NOV.												
B-24 Direct Man-Hours	1,169	1,106	1,154	1,024	1,055	988	684	375	198	—	—	—	—
PB4Y-2 Direct Man-Hours	954	1,030	1,037	892	938	840	862	809	799	785	746	745	725
RY-3 Direct Man-Hours	63	78	204	185	165	160	158	150	145	142	135	134	131
B-32 Direct Man-Hours	66	205	369	545	778	925	1,164	1,305	1,482	1,713	1,674	1,670	1,586
PB2Y-3 Direct Man-Hours	150	169	157	149	142	136	131	96	—	—	—	—	—
R2Y-1 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	180	317	399	334	390	411	450	436	440	468	442	463	455
Total Direct Man-Hours	2,583	2,905	3,320	3,129	3,468	3,460	3,449	3,171	3,064	3,108	2,997	3,012	2,897
Aver. Hrs. per Direct Worker in Month	201	183	197	175	197	182	197	190	190	197	182	190	190
Net Direct Employment	12,876	15,898	16,878	17,922	17,628	19,011	17,529	16,709	16,143	15,790	16,467	15,812	15,259
Total Net Employment	31,315	34,683	35,763	36,911	36,578	38,090	36,466	35,564	34,940	34,551	35,289	34,575	33,957
	DEC.												
B-24 Direct Man-Hours	1,021	1,130	1,008	1,124	848	717	403	207	—	—	—	—	—
PB4Y-2 Direct Man-Hours	939	932	830	851	821	820	791	756	762	718	710	703	672
RY-3 Direct Man-Hours	110	119	107	123	110	169	161	153	136	117	113	104	94

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED-VULTEE, SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
B-32 Direct Man-Hours	99	394	503	738	922	1,159	1,367	1,542	1,928	1,852	1,766	1,712	1,553
PB2Y-3 Direct Man-Hours	141	125	90	104	101	96	94	—	—	—	—	—	—
All Other Direct Man-Hours	194	106	370	383	307	421	384	386	386	385	385	387	378
Total Direct Man-Hours	2,504	3,166	2,917	3,333	3,199	3,382	3,200	3,044	3,212	3,072	2,974	2,906	2,697
Aver. Hrs. per Direct Worker in Month	191	197	175	197	182	197	190	190	197	182	190	190	182
Net Direct Employment	13,111	15,783	16,008	16,939	17,577	17,189	16,863	16,037	16,320	16,879	15,611	15,312	14,818
Total Net Employment	31,124	34,091	35,093	35,357	36,059	35,642	35,285	34,373	34,681	35,293	33,905	33,576	33,026
	1945 JAN.												
B-24 Direct Man-Hours	1,084	1,021	1,139	909	728	335	65	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	1,014	889	914	839	842	798	778	780	732	700	689	688	688
RY-3 Direct Man-Hours	135	126	198	181	173	162	156	152	138	111	98	95	93
B-32 Direct Man-Hours	99	207	497	735	1,039	1,543	1,698	2,094	2,076	2,181	2,042	1,894	1,897
PB2Y-3 Direct Man-Hours	151	142	136	131	126	122	74	—	—	—	—	—	—
All Other Direct Man-Hours	222	311	367	357	398	375	378	411	392	418	418	386	409
Total Direct Man-Hours	2,705	2,696	3,251	3,152	3,306	3,335	3,149	3,437	3,338	3,410	3,247	3,063	3,087
Aver Hrs per Direct Worker in Month	204	175	197	183	197	190	190	197	183	197	190	183	197
Net Direct Employment	13,231	15,416	16,506	17,241	16,787	17,552	16,552	17,413	18,223	17,275	17,053	16,712	15,627
Total Net Employment	31,355	34,000	35,360	36,246	35,704	36,693	35,547	36,880	37,853	36,715	36,470	36,106	34,804
	FEB.												
B-24 Direct Man-Hours	949	1,057	959	745	340	59	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	846	856	796	786	746	729	728	680	678	666	638	640	619
RY-3 Direct Man-Hours	157	187	192	205	151	146	124	81	69	67	65	64	16
B-32 Direct Man-Hours	52	272	412	589	773	1,179	1,517	1,593	1,758	1,752	1,724	1,699	1,573
PB2Y-3 Direct Man-Hours	131	125	120	116	112	69	—	—	—	—	—	—	—
All Other Direct Man-Hours	246	332	335	376	386	398	406	378	360	233	188	191	184
Total Direct Man-Hours	2,381	2,829	2,814	2,817	2,508	2,580	2,775	2,732	2,865	2,718	2,615	2,594	2,392
Aver. Hrs. per Direct Worker in Month	183	197	183	197	190	190	197	183	197	190	183	197	175
Net Direct Employment	13,021	14,355	15,383	14,288	13,174	13,543	14,035	14,893	14,494	14,254	14,250	13,111	13,624
Total Net Employment	31,809	33,516	34,647	33,456	32,065	32,563	33,440	34,384	33,945	33,682	33,678	32,425	32,989
	MAR.												
B-24 Direct Man-Hours	997	923	722	281	4	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	938	804	800	751	674	705	623	648	648	579	625	573	593
RY-3 Direct Man-Hours	235	252	266	249	227	184	128	123	100	—	—	—	—
B-32 Direct Man-Hours	150	150	503	749	894	1,205	1,302	1,509	1,644	1,478	1,485	1,404	1,422
PB2Y-3 Direct Man-Hours	140	119	130	123	99	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	207	216	268	219	478	465	415	355	361	273	183	178	184
Total Direct Man-Hours	2,667	2,604	2,689	2,372	2,376	2,559	2,468	2,635	2,753	2,330	2,293	2,155	2,199
Aver. Hrs. per Direct Worker in Month	208	190	205	190	190	197	183	197	190	188	197	175	190
Net Direct Employment	12,805	13,705	13,117	12,478	12,504	12,991	13,498	13,378	14,492	12,729	11,629	12,306	11,559
Total Net Employment	31,367	32,320	31,412	29,920	29,794	30,131	30,489	30,073	31,043	29,137	27,895	28,432	27,446
	APR.												
B-24 Direct Man-Hours	773	505	90	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	707	751	670	605	612	573	578	572	550	552	531	537	518
RY-3 Direct Man-Hours	337	305	276	226	148	105	98	94	74	—	—	—	—
B-32 Direct Man-Hours	204	488	641	778	1,040	1,094	1,234	1,354	1,163	1,170	1,089	1,107	1,030
PB2Y-3 Direct Man-Hours	114	110	105	95	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	165	234	332	469	505	483	480	481	416	157	151	158	152
Total Direct Man-Hours	2,300	2,393	2,114	2,173	2,305	2,255	2,390	2,501	2,203	1,879	1,771	1,802	1,700
Aver Hrs per Direct Worker in Month	193	205	189	189	196	189	196	189	182	196	180	180	189
Net Direct Employment	11,913	11,673	11,185	11,497	11,760	11,931	12,194	13,233	12,104	9,587	9,839	9,534	8,995
Total Net Employment	29,649	28,452	27,374	27,239	27,357	27,355	27,505	28,403	27,134	21,487	21,739	21,434	20,295
	MAY												
B-24 Direct Man-Hours	530	130	89	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	701	631	546	555	492	524	498	462	434	377	349	322	320
RY-3 Direct Man-Hours	284	251	318	318	287	262	146	41	27	—	—	—	—
B-32 Direct Man-Hours	210	10	—	—	—	—	—	—	—	—	—	—	—
PB2Y-3 Direct Man-Hours	93	50	50	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	202	311	310	319	200	245	211	201	207	186	182	181	182
Total Direct Man-Hours	2,020	1,383	1,313	1,192	1,069	1,031	855	704	668	563	531	503	502
Aver Hrs per Direct Worker in Month	213	190	190	196	189	196	189	182	196	180	189	189	196
Net Direct Employment	9,499	7,275	6,919	6,082	5,656	5,260	4,524	3,868	3,408	3,128	2,810	2,651	2,561
Total Net Employment	24,685	18,020	16,490	13,960	12,503	11,829	10,390	9,051	7,966	7,285	6,008	6,206	5,929
	JUNE												
B-24 Direct Man-Hours	109	—	—	—	—	—	—	—	—	—	—	—	—
PB4Y-2 Direct Man-Hours	740	587	614	488	532	495	489	447	377	350	322	320	305
RY-3 Direct Man-Hours	229	198	332	317	241	200	190	130	87	—	—	—	—

CONSOLIDATED-VULTEE, SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JUNE												
B-32 Direct Man-Hours	19	26	3	—	—	—	—	—	—	—	—	—	—
PB2Y-3 Direct Man-Hours	46	20	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	287	352	367	260	235	231	229	247	218	202	196	182	161
Total Direct Man-Hours	1,430	1,283	1,316	1,066	1,008	926	908	824	682	552	518	502	466
Aver. Hrs. per Direct Worker in Month	199	184	196	175	189	189	182	196	174	189	189	189	182
Net Direct Employment	7,186	6,973	6,708	6,088	5,333	4,900	4,989	4,204	3,920	2,921	2,741	2,656	2,560
Total Net Employment	18,655	15,535	14,972	13,612	11,976	11,004	11,203	9,836	9,171	6,834	6,413	6,214	5,990

CONSOLIDATED-VULTEE, WAYNE (STINSON DIV.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
AT-19 Direct Man-Hours	24	58	97	110	126	113	103	97	81	11	—	—	—
L-5 Direct Man-Hours	74	62	53	54	59	62	72	70	67	63	61	60	58
All Other Direct Man-Hours	14	11	11	11	11	11	11	11	11	12	12	12	12
Total Direct Man-Hours	112	131	139[1]	175	196	186	187[2]	178	159	86	73	72	70
Aver. Hrs. per Direct Worker in Month	185	171	197	185	185	185	197	185	185	185	185	185	185
Direct Workers	608	768	707	947	1,058	1,004	947	963	861	465	395	387	379
Total Employees	1,428	1,610	1,567	1,817	1,938	1,864	1,787	1,783	1,661	1,225	1,115	1,067	1,019
	FEB.												
AT-19 Direct Man-Hours	35	52	70	105	92	90	88	86	84	46	—	—	—
L-5 Direct Man-Hours	72	80	82	80	78	76	74	72	70	68	66	64	62
All Other Direct Man-Hours	9	9	9	9	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	116	141	161	195[3]	180	176	172	168	164	124	76	74	72
Aver. Hrs. per Direct Worker in Month	171	197	185	185	185	197	185	185	185	185	185	185	171
Direct Workers	676	717	872	1,051	971	891	928	907	887	670	412	401	423
Total Employees	1,528	1,577	1,742	1,931	1,831	1,731	1,748	1,707	1,647	1,390	1,092	1,041	1,023
	MAR.												
AT-19 Direct Man-Hours	56	70	90	95	90	88	80	40	—	—	—	—	—
L-5 Direct Man-Hours	88	88	84	80	84	82	78	72	68	66	64	—	—
All Other Direct Man-Hours	13	5	2	2	2	2	2	2	2	2	2	—	—
Total Direct Man-Hours	157	163	176	177	176	172	160	114	70	68	66	—	—
Aver. Hrs. per Direct Worker in Month	210	185	185	185	197	185	185	185	185	185	185	—	—
Direct Workers	750	880	950	956	894	930	865	615	378	367	346	—	—
Total Employees	1,770	1,815	1,880	1,886	1,854	1,890	1,820	1,465	1,028	917	846	—	—
	APR.												
AT-19 Direct Man-Hours	75	82	80	74	69	62	60	57	55	—	—	—	—
L-5 Direct Man-Hours	93	85	89	93	91	95	98	105	112	—	—	—	—
All Other Direct Man-Hours	5	2	2	2	2	2	2	2	2	—	—	—	—
Total Direct Man-Hours	173	169	171	169	162	159	160	164	169	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	185	185	197	185	185	185	185	185	—	—	—	—
Direct Workers	933	912	923	861	885	863	866	890	917	—	—	—	—
Total Employees	1,820	1,830	1,843	1,781	1,820	1,803	1,816	1,840	1,877	—	—	—	—
	MAY												
AT-19 Direct Man-Hours	72	75	71	70	69	67	64	63	51	50	50	49	49
L-5 Direct Man-Hours	85	89	95	90	96	99	109	113	114	107	103	100	98
All Other Direct Man-Hours	1	2	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	158	166	168	162	167	168	175	177	167	159	155	151	149
Aver. Hrs. per Direct Worker in Month	185	185	197	185	185	185	185	185	185	180	185	180	185
Direct Workers	854	895	855	878	901	910	950	956	906	885	837	841	804
Total Employees	1,814	1,830	1,795	1,828	1,851	1,865	1,910	1,916	1,871	1,855	1,817	1,826	1,794
	JUNE												
AT-19VW Direct Man-Hours	64	65	68	67	67	66	60	55	55	55	55	54	54
L-5VW Direct Man-Hours	95	127	126	151	162	175	191	204	202	200	198	196	194
All Other Direct Man-Hours	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Direct Man-Hours	160	193	195	219	230	242	252	260	258	256	254	251	249
Aver. Hrs. per Direct Worker in Month	166	187	194	187	187	187	194	194	187	194	187	194	187
Direct Workers	965	1,030	1,005	1,170	1,230	1,295	1,300	1,345	1,380	1,320	1,355	1,295	1,330
Total Employees	1,846	1,950	1,925	2,160	2,270	2,355	2,370	2,415	2,460	2,420	2,455	2,395	2,420
	JULY												
AT-19VW Direct Man-Hours	66	68	68	67	67	66	56	55	55	55	55	54	54
L-5VW Direct Man-Hours	101	110	136	151	171	191	210	204	200	196	194	192	190
All Other Direct Man-Hours	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Direct Man-Hours	168	179	205	219	239	258	267	260	256	252	250	247	245
Aver. Hrs. per Direct Worker in Month	182	187	187	187	187	194	194	187	187	187	187	187	187
Direct Workers	947	957	1,094	1,171	1,275	1,331	1,374	1,391	1,369	1,347	1,335	1,323	1,311
Total Employees	1,918	1,917	2,074	2,221	2,335	2,401	2,449	2,471	2,439	2,421	2,415	2,393	2,381

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED VULTEE, WAYNE (VENSON DIV.) (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
AT-19VW Direct Man Hours	57	57	57	56	56	47	47	47	47	46	46	46	
L-5VW Direct Man Hours	93	6	129	137	146	159	157	156	155	154	153	153	
All Other Direct Man Hours	2	1	1	1	1	1	2	1	1	1	2	1	
Total Direct Man Hours	152	174	187	194	203	207	206	204	203	201	201	200	
Aver. Hrs. per Direct Worker in Month	181	187	194	187	194	194	194	194	194	194	194	194	
Direct Workers	861	930	960	1,040	1,045	1,060	1,050	1,040	1,040	1,040	1,035	1,030	
Total Employees	1,864	1,865	1,900	1,990	2,020	2,040	2,050	2,050	2,040	2,040	2,030	2,025	
	SEPT.												
AT-19VW Direct Man-Hours	50	52	51	50	41	40	40	39	38	38	38	37	37
L-5VW Direct Man-Hours	95	107	117	124	136	128	140	125	137	136	128	133	131
All Other Direct Man-Hours	3	1	1	1	1	1	1	1	2	1	1	1	1
Total Direct Man-Hours	148	160	169	175	178	169	181	165	177	175	167	171	169
Aver. Hrs. per Direct Worker in Month	173	183	183	183	183	176	190	176	190	190	183	190	190
Direct Workers	826	875	925	958	975	960	950	940	930	920	910	900	890
Total Employees	1,747	1,775	1,825	1,863	1,890	1,880	1,870	1,860	1,846	1,832	1,818	1,804	1,790
	OCT.												
AT-19 Direct Man Hours	49	46	47	39	36	44	34	37	36	33	37	32	35
L-5 Direct Man-Hours	108	95	96	90	84	79	64	74	74	72	75	70	70
All Other Direct Man-Hours	2	2	1	1	2	1	1	1	1	1	1	1	1
Total Direct Man-Hours	159	143	144	130	122	124	109	112	111	106	113	103	106
Aver. Hrs. per Direct Worker in Month	184	176	183	176	176	190	176	183	183	176	190	176	183
Direct Workers	861	811	786	740	692	650	621	614	607	600	593	586	580
Total Employees	1,761	1,691	1,648	1,580	1,520	1,465	1,417	1,404	1,391	1,378	1,365	1,352	1,340
	NOV.												
AT-19 Direct Man Hours	45	47	39	36	44	34	37	36	33	37	32	35	33
L-5 Direct Man-Hours	94	96	90	84	79	64	74	74	72	75	70	70	67
All Other Direct Man-Hours	2	1	1	2	1	1	1	1	1	1	1	1	1
Total Direct Man-Hours	141	144	130	122	124	99	112	111	106	113	103	106	101
Aver. Hrs. per Direct Worker in Month	169	183	176	176	190	176	183	183	176	190	176	183	176
Direct Workers	834	786	740	692	650	564	614	607	600	593	586	580	573
Total Employees	1,718	1,648	1,580	1,520	1,465	1,417	1,404	1,391	1,378	1,365	1,352	1,340	13,27
	DEC.												
AT-19 Direct Man-Hours	42	38	36	44	34	37	36	33	37	32	35	33	33
L-5 Direct Man-Hours	83	89	84	79	74	74	74	72	75	70	70	67	66
All Other Direct Man-Hours	2	1	2	1	1	1	1	1	1	1	1	1	1
Total Direct Man-Hours	127	128	122	124	109	112	111	106	113	103	106	101	100
Aver. Hrs. per Direct Worker in Month	168	176	176	190	176	183	183	176	190	176	183	176	176
Direct Workers	756	727	692	650	621	614	607	600	593	586	580	573	566
Total Employees	1,614	1,597	1,520	1,465	1,417	1,404	1,391	1,378	1,365	1,352	1,340	1,327	1,314
	1944 JAN.[2]												
AT-19 Direct Man-Hours	46	—	—	—	—	—	—	—	—	—	—	—	—
L-5 Direct Man-Hours	83	—	—	—	—	—	—	—	—	—	—	—	—
All Other Man Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	130	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	703	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	1,546	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
AT-19 Direct Man-Hours	42	40	39	39	39	37	39	36	39	36	35	37	37
L-5 Direct Man-Hours	78	75	74	74	72	71	70	69	67	66	66	63	60
All Other Direct Man-Hours	3	2	2	3	2	3	3	3	3	3	3	3	3
Total Direct Man-Hours	123	117	115	116	113	111	112	108	109	105	104	103	100
Aver. Hrs. per Direct Worker in Month	190	188	188	189	189	187	190	186	190	187	187	187	184
Direct Workers	648	621	614	611	600	593	586	580	573	566	559	552	545
Total Employees	1,468	1,417	1,404	1,391	1,378	1,363	1,352	1,340	1,327	1,314	1,301	1,288	1,275
	MAR.												
AT-19 Direct Man-Hours	38	40	39	38	38	37	38	39	37	37	35	37	34
L-5 Direct Man-Hours	64	62	63	62	60	64	59	60	59	58	60	55	62
All Other Direct Man-Hours	2	2	2	4	2	2	3	2	3	3	3	3	3
Total Direct Man-Hours	104	104	104	104	100	103	100	101	99	98	98	95	99
Aver. Hrs. per Direct Worker in Month	184	188	189	189	184	191	186	191	197	187	189	184	192
Direct Workers	562	555	551	547	543	539	535	531	527	523	519	515	511
Total Employees	1,328	1,305	1,295	1,285	1,275	1,265	1,255	1,245	1,235	1,225	1,215	1,205	1,195

CONSOLIDATED-VULTEE, WAYNE (STINSON DIV.) (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
AT-19 Direct Man-Hours	38	37	37	35	36	30	20	9					
L-5 Direct Man-Hours	59	59	58	56	60	56	58	56	45	34	34	34	33
All Other Direct Man-Hours	4	3	3	3	3	3	3	3	3	3	3	2	3
Total Direct Man-Hours	101	99	98	94	99	89	81	68	48	37	37	36	36
Aver. Hrs. per Direct Worker in Month	193	190	190	184	195	184	190	184	184	190	190	190	190
Direct Workers	521	521	515	512	508	482	428	371	263	193	192	191	191
Total Employees	1,235	1,207	1,190	1,176	1,161	1,104	1,030	943	805	685	634	583	533
	MAY												
AT-19 Direct Man-Hours	39	37	36	36	32	20	8						
L-5 Direct Man-Hours	61	61	58	61	57	63	64	55	38	38	38	38	38
All Other Direct Man-Hours	3	3	3	3	5	14	21	37	59	50	38	52	57
Total Direct Man-Hours	103	101	97	100	94	97	93	92	97	88	96	90	95
Aver. Hrs. per Direct Worker in Month	198	195	188	195	184	190	184	184	195	178	195	184	195
Net Direct Employment	521	518	516	513	511	510	506	500	497	494	492	489	487
Total Net Employment	1,309	1,300	1,292	1,283	1,275	1,268	1,258	1,246	1,237	1,228	1,218	1,209	1,201
	JUNE												
AT-19 Direct Man-Hours	40	37	36	32	20	8							
L-5 Direct Man-Hours	62	60	63	58	64	64	54	38	38	38	38	38	38
All Other Direct Man-Hours	3	3	3	5	14	21	38	59	50	58	52	57	57
Total Direct Man-Hours	105	100	102	95	98	93	92	97	88	96	90	95	95
Aver. Hrs. per Direct Worker in Month	213	204	209	195	204	195	195	207	189	207	196	207	208
Net Direct Employment	492	489	487	486	481	476	471	468	465	463	460	458	453
Total Net Employment	1,308	1,300	1,291	1,283	1,271	1,260	1,249	1,240	1,231	1,223	1,215	1,198	1,188
	JULY												
AT-19 Direct Man-Hours	35	36	32	20	8								
L-5 Direct Man-Hours	60	64	59	64	64	54	42	38	43	40	40	40	39
All Other Direct Man-Hours	2	4	8	14	21	38	58	50	58	52	55	55	53
Total Direct Man-Hours	97	104	99	98	93	92	100	88	101	92	95	95	92
Aver. Hrs. per Direct Worker in Month	199	214	205	204	195	195	211	189	216	200	207	210	204
Net Direct Employment	487	486	484	481	476	471	468	465	463	460	458	453	450
Total Net Employment	1,316	1,306	1,295	1,282	1,269	1,255	1,242	1,231	1,223	1,215	1,198	1,188	1,176
	AUG.												
AT-19 Direct Man-Hours	40	30	22	9									
L-5 Direct Man-Hours	66	61	63	62	57	41	38	42	39	40	40	39	42
All Other Direct Man-Hours	3	8	12	14	26	49	45	55	58	56	56	54	56
Total Direct Man-Hours	109	99	97	85	83	90	83	97	97	96	96	93	98
Aver. Hrs. per Direct Worker in Month	221	199	198	190	198	198	182	205	198	198	198	190	202
Net Direct Employment	492	497	490	447	418	455	456	473	490	485	485	489	485
Total Net Employment	1,328	1,341	1,323	1,206	1,129	1,229	1,231	1,278	1,323	1,310	1,310	1,320	1,310
	SEPT.												
AT-19 Direct Man-Hours	32	25	16										
L-5 Direct Man-Hours	63	76	87	94	92	94	91	92	91	90	91	87	90
All Other Direct Man-Hours	4	8	12	22	44	48	67	82	73	65	60	57	56
Total Direct Man-Hours	99	109	115	116	136	142	158	174	164	155	151	144	146
Aver. Hrs. per Direct Worker in Month	194	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	509	551	581	586	687	717	798	879	829	783	763	727	737
Total Net Employment	1,318	1,381	1,426	1,446	1,682	1,721	1,823	1,929	1,859	1,803	1,778	1,732	1,745
	OCT.												
AT-19 Direct Man-Hours	25	15											
L-5 Direct Man-Hours	73	79	85	85	84	84	84	84	84	83	83	84	84
All Other Direct Man-Hours	3	9	21	37	33	35	37	37	37	40	43	43	41
Total Direct Man-Hours	101	103	106	122	117	119	121	121	121	123	126	127	125
Aver. Hrs. per Direct Worker in Month	196	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	514	520	535	616	591	601	611	611	611	621	636	641	631
Total Net Employment	1,338	1,355	1,392	1,511	1,511	1,531	1,551	1,561	1,561	1,571	1,586	1,591	1,581
	NOV.												
AT-19 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
L-5 Direct Man-Hours	75	86	85	85	85	85	85	84	84	84	85	85	85
All Other Direct Man-Hours	9	20	29	29	30	31	36	38	42	44	44	42	40
Total Direct Man-Hours	91	106	114	114	115	116	121	122	126	128	129	127	125
Aver. Hrs. per Direct Worker in Month	181	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	502	535	576	576	581	586	611	616	636	646	651	641	631
Total Net Employment	1,381	1,430	1,486	1,496	1,511	1,528	1,561	1,566	1,586	1,596	1,601	1,591	1,581

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CONSOLIDATED VULTEE, WAYNE (STINSON DIV.) (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
All Other Direct Man-Hours	84	94	96	98	97	96	96	95	94	94	93	93	92
Total Direct Man-Hours	16	23	25	32	28	30	31	31	32	32	34	29	22
Aver. Hrs. per Direct Worker in Month	100	117	121	130	125	126	127	126	126	126	127	122	114
Net Direct Employment	200	198	198	198	198	198	198	198	198	198	198	198	198
Total Net Employment	500	591	611	657	631	636	641	636	636	636	641	616	576
	1,409	1,521	1,551	1,607	1,591	1,606	1,611	1,606	1,606	1,606	1,611	1,566	1,506
	1945 JAN.												
L-5 Direct Man-Hours	94	92	95	93	88	67	60	60	59	59	59	58	57
All Other Direct Man-Hours	25	19	21	26	26	24	29	29	33	31	37	35	33
Total Direct Man-Hours	119	111	116	119	114	91	89	89	92	90	96	93	90
Aver. Hrs. per Direct Worker in Month	218	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	546	561	586	601	576	460	449	449	465	455	485	470	455
Total Net Employment	1,464	1,479	1,504	1,519	1,476	1,340	1,309	1,299	1,315	1,305	1,335	1,320	1,305
	FEB.												
L-5 Direct Man-Hours	84	95	93	88	67	60	60	59	59	59	58	57	57
All Other Direct Man-Hours	19	29	32	31	31	34	35	37	41	41	41	40	36
Total Direct Man-Hours	103	124	125	119	98	94	95	96	100	100	99	97	93
Aver. Hrs. per Direct Worker in Month	188	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	547	626	631	601	495	475	480	485	505	505	500	489	470
Total Net Employment	1,444	1,526	1,521	1,481	1,355	1,325	1,330	1,335	1,355	1,355	1,350	1,339	1,320
	MAR.												
L-5 Direct Man-Hours	83	92	88	67	59	59	58	58	58	57	57	57	45
All Other Direct Man-Hours	22	32	31	31	34	35	37	41	41	41	40	36	37
Total Direct Man-Hours	105	124	119	98	93	94	95	99	99	98	97	93	82
Aver. Hrs. per Direct Worker in Month	207	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	507	626	601	495	470	475	480	500	500	495	490	470	414
Total Net Employment	1,383	1,501	1,471	1,355	1,320	1,325	1,330	1,350	1,350	1,345	1,340	1,320	1,214
	APR.												
L-5 Direct Man-Hours	73	79	63	57	57	57	57	56	56	55	49	13	—
All Other Direct Man-Hours	25	30	34	36	38	37	40	36	36	33	29	31	30
Total Direct Man-Hours	98	109	97	93	95	94	97	92	92	88	78	44	30
Aver. Hrs. per Direct Worker in Month	199	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	493	551	490	470	480	475	490	465	465	444	394	222	152
Total Net Employment	1,360	1,421	1,340	1,310	1,310	1,305	1,320	1,265	1,260	1,209	1,094	662	507
	MAY												
L-5 Direct Man-Hours	77	66	60	60	59	58	58	58	57	50	14	—	—
All Other Direct Man-Hours	22	25	20	20	17	17	12	12	7	7	7	7	7
Total Direct Man-Hours	99	91	80	80	76	75	70	70	64	57	21	7	7
Aver. Hrs. per Direct Worker in Month	197	198	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	502	459	404	404	384	379	353	353	323	288	106	35	35
Total Net Employment	1,350	1,153	1,054	1,004	964	939	893	883	823	728	306	115	115
	JUNE												
L-5 Direct Man-Hours	64	66	61	61	60	60	59	56	31	7	—	—	—
All Other Direct Man-Hours	16	18	20	17	17	12	12	7	7	7	7	7	7
Total Direct Man-Hours	80	84	81	78	77	72	71	63	38	14	7	7	7
Aver. Hrs. per Direct Worker in Month	171	164	164	164	164	164	164	164	164	164	164	164	164
Net Direct Employment	468	512	494	476	470	439	433	384	232	85	43	43	43
Total Net Employment	1,294	1,292	1,195	1,158	1,120	1,059	1,043	949	652	275	130	139	139

CULVER, WICHITA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
YPQ-14 Direct Man-Hours	28	24	23	28	—	—	—	—	—	—	—	—	—
TD-2C-1 Direct Man-Hours	1	—	—	6	15	23	29	35	35	35	35	35	35
PQ-14A Direct Man-Hours	4	—	—	—	32	29	29	35	47	58	58	58	58
All Other Direct Man-Hours	9	7	5	6	5	5	5	1	1	1	1	1	1
Total Direct Man-Hours	42	31	28	40	52	57	63	71	83	94	94	94	94
Aver. Hrs. per Direct Worker in Month	172	202	203	202	202	202	202	202	202	202	202	202	202
Direct Workers	237	151	138	197	259	284	313	351	405	467	467	467	467
Total Employees	465	248	226	323	425	466	513	576	664	766	766	766	766
	DEC.												
YPQ-14A, B Direct Man-Hours	34	41	45	30	10	—	—	—	—	—	—	—	—
PQ-14A Direct Man-Hours	4	9	18	46	76	85	86	82	81	80	80	5	—
PQ-14 Direct Man-Hours	—	—	—	—	—	7	17	24	31	36	41	121	131

CULVER, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
All Other Direct Man-Hours	3	4	2	4	4	5	7	9	5	9	9	9	9
Total Direct Man-Hours	43	54	65	80	90	100	110	115	120	125	130	135	140
Aver. Hrs. per Direct Worker in Month	161	192	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	269	281	325	400	450	500	550	575	600	625	650	675	700
Total Employees	516	531	605	700	775	850	925	965	1,000	1,025	1,075	1,100	1,125
	1944 JAN.[3]												
YPQ-14AB Direct Man-Hours	44	—	—	—	—	—	—	—	—	—	—	—	—
TD-2C-1 Direct Man-Hours	8	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	56	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	192	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	290	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	537	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
YPQ-14AB Direct Man-Hours	43	34	25	—	—	—	—	—	—	—	—	—	—
TD-2C-1 Direct Man-Hours	19	42	62	93	98	103	108	100	63	5	—	—	—
PQ-14 Direct Man-Hours	2	—	—	5	10	15	15	28	70	133	143	148	148
All Other Direct Man-Hours	64	4	3	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	192	80	90	100	110	120	125	130	135	140	145	150	150
Aver. Hrs. per Direct Worker in Month	335	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	583	400	450	500	550	600	625	650	675	700	725	750	750
Total Employees		700	775	850	925	990	1,025	1,050	1,100	1,125	1,150	1,175	1,175
	MAR.												
YPQ-14A, B, Direct Man-Hours	25	25	—	—	—	—	—	—	—	—	—	—	—
TD-2C-1 Direct Man-Hours	47	62	93	98	103	108	100	63	5	—	—	—	—
PQ-14 Direct Man-Hours	2	—	5	10	15	15	28	70	133	143	148	148	148
All Other Direct Man-Hours	74	3	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	201	90	100	110	120	125	130	135	140	145	150	150	150
Aver. Hrs. per Direct Worker in Month	369	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	624	448	500	550	600	625	650	675	700	725	750	750	750
Total Employees		773	850	925	990	1,025	1,050	1,100	1,125	1,150	1,175	1,175	1,175
	APR.												
YPQ-14A, B Direct Man-Hours	16	15	15	—	—	—	—	—	—	—	—	—	—
TD-2C-1 Direct Man-Hours	56	68	93	103	108	100	63	37	—	—	—	—	—
PQ-14 Direct Man-Hours	2	—	—	15	15	28	70	101	143	148	148	148	148
All Other Direct Man-Hours	74	2	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	148	84	110	118[3]	123[3]	128[3]	133[3]	138[3]	145	150	150	150	150
Aver. Hrs. per Direct Worker in Month	183	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	408	425	550	590	615	640	666	690	725	750	750	750	750
Total Employees	675	775	925	980	1,015	1,040	1,091	1,115	1,150	1,175	1,175	1,175	1,175
	MAY												
PQ-14 Direct Man-Hours	92	108	118	123	128	133	138	143	148	148	148	148	148
All Other Direct Man-Hours	3	2	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	95	110	120	125	130	135	140	145	150	150	150	150	150
Aver. Hrs. per Direct Worker in Month	208	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	456	550	600	625	650	675	700	725	750	750	750	750	750
Total Net Employment	750	925	990	1,025	1,050	1,100	1,125	1,150	1,175	1,175	1,175	1,175	1,175
	JUNE												
PQ-14 Direct Man-Hours	97	118	123	128	133	138	143	148	148	148	148	148	148
All Other Direct Man-Hours	3	2	2	2	2	2	2	2	2	2	2	2	2
Total Direct Man-Hours	100	120	125	130	135	140	145	150	150	150	150	150	150
Aver. Hrs. per Direct Worker in Month	206	200	200	200	200	200	200	200	300	200	200	200	200
Net Direct Employment	485	600	625	650	675	700	725	750	750	750	750	750	750
Total Net Employment	798	990	1,025	1,050	1,100	1,125	1,150	1,175	1,175	1,175	1,175	1,175	1,175
	JULY												
PQ-14 Direct Man-Hours	105	97	97	97	97	87	87	77	77	67	67	—	—
All Other Direct Man-Hours	3	3	3	3	3	3	3	3	3	3	3	—	—
Total Direct Man-Hours	108	100	100	100	100	90	90	80	80	70	70	—	—
Aver. Hrs. per Direct Worker in Month	207	200	200	200	200	200	200	200	200	200	200	—	—
Net Direct Employment	522	500	500	500	500	450	450	400	400	350	350	—	—
Total Net Employment	846	833	833	833	833	750	750	667	667	583	583	—	—
	AUG.												
PQ-14 Direct Man-Hours	111	94	94	90	98	93	88	79	63	50	15	—	—
All Other Direct Man-Hours	3	3	3	3	3	3	3	2	3	3	3	—	—
Total Direct Man-Hours	114	97	97	93	101	96	91	82	66	53	18	—	—

TABLE 9. LABOR REQUIREMENTS -- REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CULVER, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
Aver. Hrs. per Direct Worker in Month	216	200	200	200	200	200	200	200	200	200	—	—	—
Net Direct Employment	531	485	485	485	505	480	465	410	330	265	90	—	—
Total Net Employment	857	789	789	736	821	781	740	667	537	431	146	—	—
	SEPT.												
PQ-14 Direct Man-Hours	91	97	101	87	87	77	77	77	77	69	47	47	47
All Other Direct Man-Hours	3	5	5	8	8	8	8	8	8	11	8	8	8
Total Direct Man-Hours	94	102	106	95	95	85	85	85	85	80	55	55	55
Aver. Hrs. per Direct Worker in Month	197	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	478	510	530	475	475	425	425	425	425	400	275	275	275
Total Net Employment	795	850	870	792	792	708	708	708	708	667	458	458	458
	OCT.												
PQ-14 Direct Man-Hours	89	101	87	87	77	77	77	77	69	47	47	47	—
All Other Direct Man-Hours	3	5	8	8	8	8	8	8	11	8	8	8	—
Total Direct Man-Hours	92	106	95	95	85	85	85	85	80	55	55	55	—
Aver. Hrs. per Direct Worker in Month	201	200	200	200	200	200	200	200	200	200	200	200	—
Net Direct Employment	454	530	475	475	425	425	425	425	400	275	725	275	—
Total Net Employment	758	870	792	792	708	708	708	708	667	458	458	458	—
	NOV.												
PQ-14 Direct Man-Hours	90	87	87	77	77	77	77	69	47	47	47	—	—
All Other Direct Man-Hours	3	8	8	8	8	8	8	11	8	8	8	—	—
Total Direct Man-Hours	93	95	95	85	85	85	85	80	55	55	55	—	—
Aver. Hrs. per Direct Worker in Month	193	200	200	200	200	200	200	200	200	200	200	—	—
Net Direct Employment	481	475	475	425	425	425	425	400	275	275	275	—	—
Total Net Employment	773	792	792	708	708	708	708	667	458	458	458	—	—
	DEC.												
PQ-14 Direct Man-Hours	86	82	81	81	79	79	79	79	79	79	74	68	—
All Other Direct Man-Hours	3	4	5	5	5	5	5	5	5	5	10	16	—
Total Direct Man Hours	89	86	86	86	84	84	84	84	84	84	84	84	—
Aver. Hrs. per Direct Worker in Month	180	200	200	200	200	200	200	200	200	200	200	200	—
Net Direct Employment	495	430	430	430	420	420	420	420	420	420	420	420	—
Total Net Employment	781	720	720	720	710	710	710	710	710	710	710	710	—
	1945 JAN.												
PQ-14 Direct Man-Hours	74	61	60	53	52	53	52	52	52	51	50	48	46
Culver Wing Portion Direct Man-Hours	11	18	25	33	27	26	25	25	24	24	23	23	22
All Other Direct Man-Hours	3	5	8	10	10	10	10	10	10	10	10	10	10
Total Direct Man-Hours	88	84	88	96	89	89	87	87	86	85	83	81	78
Aver. Hrs. per Direct Worker in Month	191	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	459	433	451	491	456	454	448	445	442	433	434	413	402
Total Net Employment	738	722	746	796	760	757	747	742	737	722	707	692	677
	FEB.												
PQ-14 Direct Man Hours	51	60	53	52	53	52	52	52	51	50	—	—	—
Wing Portion Direct Man-Hours	17	25	33	27	26	25	25	24	24	23	—	—	—
All Other Direct Man-Hours	3	8	10	10	10	10	10	10	10	10	—	—	—
Total Direct Man-Hours	71	93	96	89	89	87	87	86	85	83	—	—	—
Aver. Hrs per Direct Worker in Month	173	195	195	195	195	195	195	195	195	195	—	—	—
Net Direct Employment	410	476	491	457	454	448	445	442	433	434	—	—	—
Total Net Employment	690	771	796	761	757	747	742	737	722	707	—	—	—
	MAR.												
PQ-14 Direct Man-Hours	53	50	48	48	47	47	48	47	45	—	—	—	—
Wing Portion Direct Man Hours	20	29	28	27	26	26	25	24	24	—	—	—	—
PQ-15 Direct Man Hours	—	—	—	—	—	—	—	—	—	82	82	82	82
All Other Direct Man Hours	4	3	5	7	8	9	10	10	10	—	—	—	—
Total Direct Man Hours	77	82	81	82	81	82	83	81	79	82	82	82	82
Aver. Hrs. per Direct Worker in Month	196	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	390	421	415	421	417	422	424	415	404	419	419	419	419
Total Net Employment	665	714	692	702	695	703	707	692	673	698	698	698	698
	APR.												
PQ-14 Direct Man-Hours	50	48	48	47	48	48	47	45	—	—	—	—	—
Wing Portion Direct Man Hours	15	28	27	26	25	25	24	24	—	—	—	—	—
PQ-15 Direct Man-Hours	—	—	—	—	—	—	—	—	82	82	82	82	—
All Other Direct Man-Hours	3	5	7	8	9	10	10	10	—	—	—	—	—
Total Direct Man-Hours	68	81	82	81	82	83	81	79	82	82	82	82	—

CULVER, WICHITA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 APR.												
Aver. Hrs. per Direct Worker in Month	186	195	195	195	195	195	195	195	195	195	195	195	—
Net Direct Employment	369	415	421	417	422	424	415	404	419	419	419	419	—
Total Net Employment	630	692	702	695	703	707	692	673	698	698	698	698	—
	MAY												
PQ-14 Direct Man-Hours	53	48	47	47	48	47	45	—	—	—	—	—	—
Wing Portion Direct Man-Hours	17	27	26	26	25	24	24	—	—	—	—	—	—
PQ-15 Direct Man-Hours	—	—	—	—	—	—	—	82	82	82	82	82	82
All Other Direct Man-Hours	3	7	8	9	10	10	10	—	—	—	—	—	—
Total Direct Man-Hours	73	82	81	82	83	81	79	82	82	82	82	82	82
Aver. Hrs. per Direct Worker in Month	209	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	347	421	417	422	424	415	404	419	419	419	419	419	419
Total Net Employment	598	702	695	703	707	692	673	698	698	698	698	698	698
	JUNE												
PQ-14 Direct Man-Hours	44	47	47	47	48	49	48	47	47	47	48	46	—
Wing Portion Direct Man-Hours	17	23	22	22	22	24	23	23	23	23	22	17	—
PQ-15 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	70
All Other Direct Man-Hours	4	5	6	6	5	2	4	5	5	5	5	12	5
Total Direct Man-Hours	65	75	75	75	75	75	75	75	75	75	75	75	75
Aver. Hrs. per Direct Worker in Month	202	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	323	385	385	385	385	385	385	385	385	385	385	385	385
Total Net Employment	566	640	640	640	640	640	640	640	640	640	640	640	640

CURTISS-WRIGHT CORP., BUFFALO

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
P-40 Direct Man-Hours	2,054	1,635	1,665	1,853	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,252	—
P-47 Direct Man-Hours	415	660	840	1,000	900	900	900	775	—	—	—	—	—
C-46 Direct Man-Hours	1,474	2,127	2,429	3,000	3,500	3,800	3,900	4,000	4,000	3,730	3,730	3,730	3,730
P-60 Direct Man-Hours	5	27	59	116	116	203	240	400	800	900	1,150	1,505	352
All Other Direct Man-Hours	785	977	942	862	762	699	613	583	570	637	642	671	612
Total Direct Man-Hours	4,733	5,426	5,935	6,831	7,168	7,492	7,543	7,648	7,260	7,157	7,412	7,158	4,694
Aver. Hrs. per Direct Worker in Month	198	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	25,641	27,404	29,975	34,500	36,202	37,838	38,096	38,626	36,667	36,146	37,434	36,152	23,707
Total Employees	39,771	41,786	44,921	50,292	52,417	54,476	54,875	55,546	52,907	52,764	53,656	51,673	35,841
	FEB.												
P-40 Direct Man-Hours	1,449	1,665	1,853	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,600	1,470	1,050
P-47G Direct Man-Hours	273	840	1,000	900	900	900	775	—	—	—	—	—	—
C-46 Direct Man-Hours	1,350	2,429	3,000	3,500	3,800	3,900	4,000	4,000	3,730	3,730	3,730	3,730	3,730
P-60C Direct Man-Hours	7	46	93	97	124	241	392	748	805	989	1,687	1,788	2,157
All Other Direct Man-Hours	662	942	862	762	699	613	583	570	637	642	671	612	505
Total Direct Man-Hours	3,741	5,922	6,808	7,149	7,413	7,544	7,640	7,208	7,062	7,251	7,688	7,600	7,442
Aver. Hrs. per Direct Worker in Month	147	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	25,376	30,379	34,925	36,674	38,028	38,700	39,193	36,977	36,228	37,197	39,439	38,988	38,177
Total Employees	40,125	45,814	50,948	52,991	54,492	55,311	55,921	53,382	52,530	53,646	56,212	55,687	54,758
	MAR.												
P-40 Direct Man-Hours	1,771	1,776	1,800	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,470	1,050	630
P-47G Direct Man-Hours	490	500	600	300	78	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,411	1,440	1,720	3,570	3,600	3,800	3,730	3,730	3,730	3,730	3,730	3,370	3,730
P-60C Direct Man-Hours	28	40	80	120	240	400	750	750	1,000	1,050	1,375	1,875	2,250
All Other Direct Man-Hours	600	594	650	861	864	888	923	923	947	953	913	895	861
Total Direct Man-Hours	4,300	4,350	4,850	6,741	6,762	6,978	7,293	7,293	7,567	7,623	7,488	7,550	7,471
Aver. Hrs. per Direct Worker in Month	168	168	168	168	168	168	168	168	168	168	168	168	168
Direct Workers	25,570	25,884	28,859	40,112	40,236	41,522	43,396	43,396	45,027	45,360	44,556	44,925	44,455
Total Employees	40,295	40,653	44,069	56,986	57,125	58,603	60,742	60,742	62,623	63,000	62,078	62,506	61,963
	APR.												
P-40 Direct Man-Hours	2,008	2,000	2,000	2,000	1,960	1,900	1,840	1,770	1,700	1,530	1,360	1,180	920
P-47G Direct Man-Hours	510	520	560	600	600	600	380	140	—	—	—	—	—
C-46 Direct Man-Hours	1,394	1,640	1,920	2,160	2,500	2,760	3,060	3,200	3,160	3,060	2,940	2,900	2,900
P-60C Direct Man-Hours	58	130	220	320	440	540	660	780	880	1,000	1,120	1,220	1,340
All Other Direct Man-Hours	245	232	232	232	232	232	232	225	225	200	175	150	125
Total Direct Man-Hours	4,215	4,522	4,932	5,312	5,732	6,032	6,172	6,115	5,965	5,790	5,595	5,450	5,285
Aver. Hrs. per Direct Worker in Month	100	168	168	168	168	168	168	168	168	168	168	168	168
Direct Workers	26,363	26,917	29,357	31,619	34,119	35,905	36,738	36,399	35,506	34,464	33,304	32,440	31,438
Total Employees	41,042	41,569	44,447	47,032	49,870	51,905	52,885	52,472	51,462	50,273	48,952	47,965	46,841
	MAY												
P-40 Direct Man-Hours	2,202	1,860	1,840	1,800	1,760	1,720	1,680	1,340	1,000	640	480	480	480
P-47G Direct Man-Hours	455	560	600	600	600	380	140	—	—	—	—	—	—
C-46 Direct Man-Hours	1,447	1,800	1,980	2,170	2,360	2,600	2,800	3,120	3,380	3,080	3,800	3,800	3,800

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT CORP., BUFFALO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
All Other Direct Man-Hours	258	258	260	260	260	275	250	225	225	200	175	150	125
Total Direct Man-Hours	4,362	4,478	4,680	4,830	4,980	4,975	4,870	4,685	4,695	4,520	4,455	4,430	4,405
Aver. Hrs. per Direct Worker in Month	177	180	182	185	185	185	185	185	185	185	185	185	185
Direct Workers	24,689	24,878	25,714	26,108	26,919	26,892	26,324	25,324	24,892	24,432	24,081	23,946	23,811
Total Employees	41,311	41,514	42,513	42,973	43,917	43,890	43,239	42,056	41,558	41,015	40,614	40,446	40,295
	JUNE												
P 49N Direct Man-Hours	2,214	2,150	1,900	1,760	1,720	1,680	1,340	1,000	640	480	480	480	480
P 47G Direct Man-Hours	381	450	500	600	380	110	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,595	1,500	1,950	2,360	2,600	2,800	3,120	3,380	3,680	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	199	260	260	260	275	250	225	225	200	175	150	125	125
Total Direct Man-Hours	4,389	4,100[3]	4,610	4,980	4,975	4,870	4,685	4,605	4,520	4,455	4,430	4,405	4,405
Aver. Hrs. per Direct Worker in Month	175	170	175	180	185	185	185	185	185	185	185	185	185
Direct Workers	25,032	25,882	26,343	27,667	26,892	26,324	25,324	24,892	24,432	24,081	23,946	23,811	23,811
Total Employees	41,682	42,674	43,211	44,755	43,890	43,239	42,056	41,558	41,015	40,614	40,446	40,295	40,295
	JULY												
P 40N Direct Man-Hours	2,104	1,900	1,800	1,720	1,680	1,340	1,000	640	480	480	480	480	480
P 47G Direct Man-Hours	400	600	600	532	400	25	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,665	1,700	1,950	2,600	2,800	3,120	3,380	3,680	3,800	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	164	260	260	275	250	225	225	200	175	150	125	125	125
Total Direct Man-Hours	4,333	4,460	4,610	5,127	5,130	4,710	4,605	4,520	4,455	4,430	4,405	4,405	4,405
Aver. Hrs. per Direct Worker in Month	170	175	180	185	185	185	185	185	185	185	185	185	185
Direct Workers	25,437	25,486	25,611	27,714	27,730	25,459	24,892	24,432	24,081	23,946	23,811	23,811	23,811
Total Employees	42,072	42,121	42,274	44,722	44,739	42,094	41,381	40,801	40,363	40,188	40,020	40,020	40,020
	AUG.												
P 40N Direct Man-Hours	2,015	1,800	1,720	1,680	1,340	1,000	640	480	480	480	480	480	480
P 47G Direct Man-Hours	432	576	600	504	250	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,770	1,915	2,035	2,800	3,120	3,380	3,680	3,800	3,800	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	175	260	275	250	225	225	200	175	150	125	125	125	125
Total Direct Man-Hours	4,392	4,551	4,630	5,234	4,935	4,605	4,520	4,455	4,430	4,405	4,405	4,405	4,405
Aver. Hrs. per Direct Worker in Month	177	180	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	24,863	25,283	25,027	28,292	26,676	24,892	24,432	24,081	23,946	23,811	23,811	23,811	23,811
Total Employees	41,513	41,933	41,677	44,942	43,326	41,392	40,832	40,381	40,166	40,020	40,020	40,020	40,020
	SEPT.												
P-40N Direct Man-Hours	1,851	1,690	1,660	1,340	1,000	640	480	480	480	480	480	480	480
P-47G Direct Man-Hours	431	313	313	250	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,773	2,140	2,350	3,120	3,380	3,680	3,800	3,800	3,800	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	168	175	200	225	225	200	175	150	125	125	125	125	125
Total Direct Man-Hours	4,223	4,318	4,523	4,935	4,605	4,520	4,455	4,430	4,405	4,405	4,405	4,405	4,405
Aver. Hrs. per Direct Worker in Month	177	180	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	23,891	23,989	24,449	26,676	24,892	24,432	24,081	23,946	23,811	23,811	23,811	23,811	23,811
Total Employees	40,594	40,689	41,149	43,326	41,392	40,832	40,381	40,166	40,020	40,020	40,020	40,020	40,020
	OCT.												
P 40N Direct Man-Hours	1,850	1,660	1,340	1,000	640	480	480	480	480	480	480	480	480
P 47G Direct Man-Hours	400	340	340	200	160	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,780	2,292	2,549	2,980	3,405	3,750	3,775	3,800	3,800	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	170	200	225	225	200	175	150	125	125	125	125	125	125
Total Direct Man-Hours	4,200	4,492	4,454	4,405	4,405	4,405	4,405	4,405	4,405	4,405	4,405	4,405	4,405
Aver. Hrs. per Direct Worker in Month	180	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	23,320	24,956	24,744	24,472	24,472	24,472	24,472	24,472	24,472	24,472	24,472	24,472	24,472
Total Employees	40,020	41,656	41,444	41,172	41,172	41,172	41,172	41,172	41,172	41,172	41,172	41,172	41,172
	NOV.												
P-40N Direct Man-Hours	1,877	1,340	1,000	640	480	480	480	480	480	480	480	480	480
P-47G Direct Man-Hours	486	340	200	160	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,660	2,549	2,980	3,380	3,700	3,700	3,750	3,750	3,750	3,800	3,800	3,800	3,800
All Other Direct Man-Hours	175	190	215	215	215	215	215	215	215	215	215	215	215
Total Direct Man-Hours	4 198	4,419	4,395	4,395	4,395	4,395	4,445	4,445	4,445	4,495	4,495	4,495	4,495
Aver. Hrs. per Direct Worker in Month	181	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	23,219	24,600	24,400	24,400	24,400	24,400	24,700	24,700	24,700	25,000	25,000	25,000	25,000
Total Employees	40,272	41,700	41,500	41,500	41,500	41,500	41,800	41,800	41,800	42,100	42,100	42,100	42,100
	DEC.												
P-40N Direct Man-Hours	1,782	1,630	1,355	1,070	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	—
P-47G Direct Man-Hours	354	157	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	1,960	2,360	2,800	3,085	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	—
All Other Direct Man-Hours	215	215	215	215	215	215	215	215	215	215	215	215	—
Total Direct Man-Hours	4,311	4,362	4,370	4,370	4,375	4,375	4,375	4,375	4,375	4,375	4,37	4,375	—

CURTISS-WRIGHT CORP., BUFFALO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
Aver. Hrs. per Direct Worker in Month	185	187	188	188	188	188	188	188	188	188	188	188	—
Direct Workers	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	—
Total Employees	42,500	42,500	42,500	42,500	42,500	42,500	42,500	42,500	42,500	42,500	42,500	42,500	—
	1944 JAN.[3]												
P 40N Direct Man-Hours	1,807	—	—	—	—	—	—	—	—	—	—	—	—
P-47G Direct Man-Hours	178	—	—	—	—	—	—	—	—	—	—	—	—
C 46 Direct Man-Hours	2,134	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	133	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	4,252	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	184	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	23,160	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	42,751	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-40N Direct Man-Hours	1,460	1,200	1,070	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020
P-47G Direct Man-Hours	14	7	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	2,387	2,741	3,085	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140
All Other Direct Man-Hours	149	215	215	215	215	215	215	215	215	215	215	215	215
Total Direct Man-Hours	4,010	4,163	4,370	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375
Aver. Hrs. per Direct Worker in Month	176	188	188	188	188	188	188	188	188	188	188	188	188
Direct Workers	22,737	22,200	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300	23,300
Total Employees	43,163	42,900	44,000	44,000	43,800	43,500	43,200	42,900	42,600	42,500	42,500	42,500	42,500
	MAR.												
P-40N Direct Maa-Hours	1,289	1,241	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020
P-47G Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	2,503	2,500	3,140	3,140	3,140	3,140	3,140	3,140	3,140	1,140	3,140	3,140	3,140
All Other Direct Man-Hours	170	175	175	175	175	175	175	175	175	175	175	175	175
Total Direct Man-Hours	3,965	3,916	4,335	4,335	4,335	4,335	4,335	4,335	4,335	4,335	4,335	4,335	4,335
Aver. Hrs. per Direct Worker in Month	177	178	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	22,377	22,000	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080
Total Employees	42,822	42,000	44,000	43,800	43,500	43,200	42,900	42,600	42,500	42,500	42,500	42,500	42,500
	APR.												
P-40N Direct Man-Hours	1,092	900	950	950	950	950	950	950	750	300	—	—	—
O-47G Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	2,157	2,500	2,850	3,080	3,000	2,800	2,700	2,600	2,500	2,400	2,350	2,300	2,250
All Other Direct Man-Hours	140	140	140	140	140	140	140	140	140	140	140	140	140
Total Direct Man-Hours	3,390	3,540	3,940	4,170	4,060	3,890	3,790	3,640	3,390	2,840	2,490	2,440	2,390
Aver. Hrs. per Direct Worker in Month	161	170	175	175	175	180	180	180	175	175	180	180	180
Direct Workers	21,077	20,800	22,500	23,800	23,400	21,600	21,000	20,200	19,400	16,200	13,800	13,600	13,300
Total Employees	42,210	42,000	44,500	46,000	45,400	43,600	42,900	42,000	40,500	35,000	29,800	29,600	29,000
	MAY												
C-46 Direct Man-Hours	2,729	3,025	2,965	2,880	2,760	2,450	2,250	2,050	1,975	1,890	1,805	1,732	1,655
P-40N Direct Man-Hours	728	1,150	1,035	960	920	920	920	920	825	—	—	—	—
All Other Direct Man-Hours	120	140	140	140	140	140	140	140	140	140	140	140	140
Total Direct Man-Hours	3,577	4,315	4,140	3,980	3,820	3,510	3,310	3,110	2,940	2,030	1,945	1,872	1,795
Aver. Hrs. per Direct Worker in Month	190	184	184	191	184	184	184	177	191	170	191	177	191
Net Direct Employment	18,802	23,400	22,500	20,800	20,700	19,000	18,000	17,300	15,200	12,000	10,600	10,600	9,500
Total Net Employment	41,046	45,700	44,800	43,100	43,000	41,300	40,100	39,300	33,800	26,600	23,000	23,000	21,000
	JUNE												
C-46 Direct Man-Hours	2,563	2,588	2,617	2,670	2,738	2,648	2,483	2,466	2,410	2,344	2,306	2,268	2,221
P-40N Direct Man-Hours	542	758	996	1,024	1,009	924	924	832	76	—	—	—	—
All Other Direct Man-Hours	89	130	130	130	125	150	90	110	105	130	155	155	155
Total Direct Man-Hours	3,194	3,476	3,743	3,824	3,872	3,722	3,497	3,408	2,491	2,474	2,461	2,423	2,376
Aver. Hrs. per Direct Worker in Month	184	188	196	190	192	192	181	192	178	188	186	200	198
Net Direct Employment	17,378	18,808	19,489	20,510	20,042	19,781	19,740	18,104	14,590	13,260	13,231	12,115	12,000
Total Net Employment	39,523	41,508	42,489	43,810	43,442	43,088	43,040	41,104	37,090	35,260	34,731	33,115	33,000
	JULY												
C-46 Direct Man-Hours	2,335	2,617	2,670	2,738	2,648	2,483	2,466	2,410	2,344	2,306	2,268	2,221	2,190
P-40N Direct Man-Hours	689	996	1,024	1,009	924	924	832	360	—	—	—	—	—
XF-15C Direct Man-Hours	24	25	25	20	20	10	5	—	—	—	—	—	—
All Other Direct Man-Hours	82	105	105	105	130	80	105	105	130	155	155	155	155
Total Direct Man-Hours	3,130	3,743	3,824	3,872	3,722	3,497	3,408	2,875	2,474	2,461	2,423	2,376	2,345
Aver. Hrs. per Direct Worker in Month	184	196	190	192	192	181	192	178	188	186	200	198	198
Net Direct Employment	16,980	19,100	20,130	20,170	19,390	19,320	17,750	16,150	13,160	13,230	12,120	12,000	11,840
Total Net Employment	38,931	42,100	43,430	43,470	42,690	42,620	40,750	38,650	35,160	34,730	33,120	32,500	31,840

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT CORP., BUFFALO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
C-46 Direct Man-Hours	2,611	2,670	38	2,648	2,483	2,166	2,410	2,344	2,306	2,268	1,480	1,459	1,443
P-40N Direct Man-Hours	847	960	920	880	600	408	40	—	—	—	—	—	—
XF15C Direct Man-Hours	46	90	90	90	90	90	90	60	20	10	—	—	—
All Other Direct Man-Hours	62	105	105	130	80	105	105	130	155	155	155	155	155
Total Direct Man-Hours	3,566	3,825	3,853	3,748	3,253	3,069	2,645	2,564	2,521	2,413	1,645	1,614	1,598
Aver. Hrs. per Direct Worker in Month	203	190	192	192	181	192	178	188	186	200	198	198	196
Net Direct Employment	17,528	20,130	20,068	19,520	17,972	15,984	14,860	13,638	13,553	12,215	8,308	8,152	8,152
Total Net Employment	40,204	43,430	43,368	42,820	41,272	38,984	37,360	35,638	35,053	33,215	28,808	28,152	27,652
	SEPT.												
C-46 Direct Man-Hours	2,480	2,821	2,760	2,715	2,704	2,686	2,624	2,622	2,104	1,819	1,667	1,660	1,662
P-40N Direct Man-Hours	817	483	174	90	80	10	10	—	—	—	—	—	—
XF15C Direct Man-Hours	54	60	60	60	60	60	60	60	60	60	20	10	—
All Other Direct Man-Hours	53	65	105	105	105	105	105	105	155	155	155	155	155
Total Direct Man-Hours	3,404	3,429	3,099	2,970	2,949	2,861	2,799	2,787	2,319	2,034	1,842	1,825	1,817
Aver. Hrs. per Direct Worker in Month	192	192	185	181	181	178	188	186	200	198	198	196	196
Net Direct Employment	17,784	17,859	16,751	16,408	16,293	16,073	14,988	14,984	11,595	10,273	9,303	9,311	9,270
Total Net Employment	41,117	40,859	38,751	37,908	37,698	37,073	35,238	34,484	30,095	27,773	25,803	24,811	23,770
	OCT.												
C-46 Direct Man-Hours	2,622	2,725	2,150	2,859	2,735	2,724	2,622	2,104	1,819	1,667	1,660	1,662	1,662
P-40N Direct Man-Hours	469	194	88	80	10	10	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	65	75	60	75	75	75	75	75	75	20	10	—	—
All Other Direct Man-Hours	52	55	44	55	55	105	105	155	155	205	205	205	205
Total Direct Man-Hours	3,208	3,049	2,342	3,069	2,875	2,914	2,802	2,334	2,049	1,892	1,875	1,867	1,867
Aver. Hrs. per Direct Worker in Month	190	185	145[33]	190	178	188	183	190	184	185	196	190	190
Net Direct Employment	16,898	16,481	16,151	16,151	16,151	15,500	15,311	12,284	11,136	10,227	9,566	9,826	9,826
Total Net Employment	39,936	38,481	37,651	37,451	37,151	35,750	34,811	30,784	28,636	26,727	25,066	24,326	24,326
	NOV.												
C-46 Direct Man-Hours	2,762	2,150	3,063	2,842	2,714	2,696	2,566	2,058	1,690	1,660	1,662	1,662	1,662
P-40N Direct Man-Hours	101	88	80	10	10	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	88	60	75	75	75	75	75	75	20	10	—	—	—
All Other Direct Man-Hours	53	44	55	55	105	105	155	155	205	205	205	205	205
Total Direct Man-Hours	3,004	2,342	3,273	2,982	2,904	2,876	2,796	2,288	1,915	1,875	1,867	1,867	1,867
Aver. Hrs. per Direct Worker in Month	188	145[33]	195	178	188	183	190	184	185	196	190	190	190
Net Direct Employment	16,010	16,151	16,788	16,752	15,447	15,716	14,716	12,435	10,351	9,566	9,826	9,826	9,826
Total Net Employment	38,486	37,851	40,185	37,752	35,697	35,216	33,216	29,935	26,851	25,066	24,326	24,326	23,826
	DEC.												
C-46 Direct Man-Hours	2,083	2,935	2,792	2,700	2,658	2,550	2,043	1,659	1,659	1,644	1,644	1,634	1,634
P-40N Direct Man-Hours	33	80	10	10	—	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	66	75	90	90	90	90	90	51	10	—	—	—	—
All Other Direct Man-Hours	81	90	90	105	105	155	155	205	205	205	205	250	205
Total Direct Man-Hours	2,263	3,180	2,982	2,905	2,853	2,795	2,288	1,915	1,874	1,849	1,849	1,839	1,839
Aver. Hrs. per Direct Worker in Month	146[33]	190	178	188	183	190	184	185	196	188	188	188	188
Net Direct Employment	15,510	16,737	16,753	15,452	15,590	14,711	12,435	10,351	9,561	9,835	9,835	9,782	9,782
Total Net Employment	37,597	38,053	37,752	35,702	35,090	33,216	29,935	26,851	25,066	24,326	24,326	23,782	23,782
	1945 JAN.												
C-46 Direct Man-Hours	2,675	2,688	2,697	2,635	2,550	2,444	2,404	2,367	2,336	2,307	2,224	2,204	1,585
P-40 Direct Man-Hours	27	30	20	—	—	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	99	90	90	90	90	90	51	10	—	—	—	—	—
All Other Direct Man-Hours	148	130	130	130	155	155	205	205	205	205	205	205	205
Total Direct Man-Hours	2,949	2,938	2,937	2,855	2,795	2,689	2,660	2,582	2,541	2,512	2,429	2,409	1,790
Aver. Hrs. per Direct Worker in Month	192	178	188	183	190	184	185	190	188	188	188	188	180
Net Direct Employment	15,341	16,505	15,622	15,601	14,716	14,614	14,378	13,589	13,516	13,362	12,920	12,814	9,944
Total Net Employment	36,886	37,505	35,872	35,101	33,216	32,114	31,378	30,339	30,016	29,612	28,670	28,064	23,944
	FEB.												
C-46 Direct Man-Hours	2,394	2,697	2,635	2,550	2,444	2,404	2,367	2,336	2,307	2,224	2,204	1,585	1,585
P-40N Direct Man-Hours	25	20	—	—	—	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	92	90	90	90	90	51	10	—	—	—	—	—	—
All Other Direct Man-Hours	152	130	130	155	155	205	205	205	205	205	205	205	205
Total Direct Man-Hours	2,663	2,937	2,855	2,795	2,689	2,660	2,582	2,541	2,512	2,429	2,409	1,790	1,790
Aver. Hrs. per Direct Worker in Month	177	188	183	190	184	185	190	188	188	188	188	180	180
Net Direct Employment	15,079	15,622	15,601	14,711	14,614	14,378	13,589	13,516	13,362	12,920	12,814	9,944	9,944
Total Net Employment	35,772	35,872	35,101	33,216	32,114	31,378	30,339	30,016	29,612	28,670	28,064	23,944	23,944
	MAR.												
C-46 Direct Man-Hours	2,508	2,323	2,477	2,476	2,320	2,312	2,118	2,312	2,104	2,085	1,629	1,490	1,629
P-40N Direct Man-Hours	25	15	—	—	—	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	102	90	90	90	51	10	—	—	—	—	—	—	—

CURTISS-WRIGHT CORP., BUFFALO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAR.												
All Other Direct Man-Hours	196	210	210	210	260	260	260	260	260	260	260	260	260
Total Direct Man Hours	2,831	2,638	2,777	2,776	2,631	2,582	2,378	2,572	2,364	2,345	1,889	1,750	1,889
Aver. Hrs. per Direct Worker in Month	201	183	190	190	183	190	176	194	183	183	190	176	190
Net Direct Employment	14,101	14,417	14,616	14,614	14,378	13,589	13,516	13,258	12,920	12,814	9,944	9,944	9,944
Total Net Employment	33,806	33,417	33,116	32,114	31,378	30,339	30,016	29,612	28,670	28,064	23,944	23,944	23,944
	APR.												
C-46 Direct Man-Hours	2,167	2,303	2,325	2,280	2,367	2,078	2,332	2,064	2,045	1,629	1,490	1,629	1,629
P-40N Direct Man-Hours	8	—	—	—	—	—	—	—	—	—	—	—	—
XF15C-1 Direct Man-Hours	75	90	90	51	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	186	230	250	300	300	300	300	300	300	300	260	260	260
Total Direct Man-Hours	2,436	2,623	2,665	2,631	2,677	2,378	2,632	2,364	2,345	1,929	1,750	1 889	1,889
Aver. Hrs. per Direct Worker in Month	186	190	190	183	197	176	197	183	183	190	176	190	190
Net Direct Employment	13,087	13,805	14,026	14,378	13,589	13,516	13,362	12,920	12,814	10,153	9,944	9,944	9,944
Total Net Employment	31,338	31,805	31,526	31,378	30,339	30,016	29,612	28,670	28,064	24,153	23,944	23,944	23,944
	MAY												
C-46 Direct Man-Hours	2,158	1,506	2,092	2,088	1,867	1,987	1,885	1,840	1,860	1,780	1,795	1,775	1,755
CW20E Direct Man-Hours	—	—	—	—	5	10	14	28	71	186	278	286	228
XA43 Direct Man-Hours	—	5	26	62	108	157	201	233	248	244	221	185	141
All Other Direct Man-Hours	252	298	310	310	300	316	280	280	270	70	70	60	60
Total Direct Man-Hours	2,410	1,809	2,428	2,460	2,280	2,470	2,380	2,381	2,349[3]	2,270[3]	2,364	2,306	2,184
Aver. Hrs. per Direct Worker in Month	193	145	187	190	176	190	183	183	190	176	190	190	190
Net Direct Employment	12,521	12,511	13,000	13,000	13,000	13,000	13,000	13,000	12,900	12,900	12,500	12,100	11,500
Total Net Employment	30,243	30,011	30,000	29,950	29,750	29,500	29,250	29,000	28,650	28,450	27,750	27,250	26,650
	JUNE												
C-46 Direct Man-Hours	1,795	2,092	2,088	1,867	1,987	1,885	1,840	1,860	1,780	1,795	1,775	1,875	1,875
CW20E Direct Man-Hours	—	—	—	5	10	13	27	67	177	264	272	217	217
XA43 Direct Man-Hours	—	8	30	63	99	135	164	181	182	169	144	109	74
All Other Direct Man-Hours	229	310	310	300	316	280	280	270	70	70	60	60	60
Total Direct Man-Hours	2,024	2,410	2,428	2,235	2,412	2,313	2,311	2,378	2,209	2,298	2,251	2,261	2,226
Aver. Hrs. per Direct Worker in Month	172	187	190	176	190	183	183	190	176	190	190	190	190
Net Direct Employment	11,792	12,900	12,800	12,700	12,700	12,600	12,600	12,500	12,500	12,100	11,900	11,800	11,600
Total Net Employment	27,958	29,400	28,800	28,200	27,700	27,500	27,500	27,300	27,300	26,500	26,100	25,900	25,500

CURTISS-WRIGHT CORP., COLUMBUS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
SO3C Direct Man-Hours	918	870	784	637	567	459	390	346	346	344	330	299	216
SB2C Direct Man-Hours	1,215	1,359	1,490	1,723	1,888	2,035	2,143	2,243	2,282	2,286	2,286	2,286	2,278
SC Direct Man-Hours	—	2	11	13	15	18	35	65	117	182	230	282	329
All Other Direct Man-Hours	6	47	52	66	93	117	142	152	155	158	161	175	188
Total Direct Man-Hours	2,139	2,275[3]	2,337	2,439	2,563	2,629	2,710	2,806	2,900	2,970	3,037	3,042	3,011
Aver. Hrs. per Direct Worker in Month	181	181	181	181	181	181	181	181	181	181	181	181	181
Direct Workers	11,810	12,560	12,890	13,475	14,200	14,550	14,975	15,500	16,040	16,424	16,600	16,825	16,650
Total Employees	19,415	20,600	21,100	22,000	22,800	23,500	24,000	24,800	25,600	25,900	26,200	27,000	26,200
	FEB.												
SO3C Direct Man-Hours	771	784	637	567	459	390	346	346	344	330	299	217	78
SB2C Direct Man-Hours	1,409	1,490	1,723	1,888	2,035	2,143	2,243	2,282	2,286	2,286	2,278	2,219	
SC Direct Man-Hours	1	11	13	15	18	35	65	117	182	230	282	329	381
All Other Direct Man-Hours	11	52	66	93	117	142	152	155	158	161	175	188	198
Total Direct Man-Hours	2,192	2,337	2,439	2,563	2,629	2,710	2,806	2,900	2,970	3,007	3,042	3,011[3]	2,876
Aver. Hrs. per Direct Worker in Month	198	186	186	186	186	186	186	186	186	186	186	186	186
Direct Workers	11,064	12,560	13,113	13,780	14,134	14,570	15,086	15,591	15,968	16,167	16,355	16,188	15,462
Total Employees	19,547	22,060	22,740	23,534	24,015	24,578	25,221	25,853	26,357	26,683	27,000	26,183	24,807
	MAR.												
SO3C Direct Man-Hours	728	715	637	594	563	546	533	529	498	442	338	165	35
SB2C Direct Man-Hours	1,269	1,305	1,385	2,240	2,275	2,275	2,275	2,275	2,253	2,210	2,136	2,015	1,798
SC Direct Man-Hours	1	3	7	20	52	87	117	152	195	238	290	347	399
All Other Direct Man-Hours	17	50	56	108	130	137	132	104	75	51	30	26	26
Total Direct Man-Hours	2,015	2,073	2,085	2,962	3,020	3,045	3,057	3,060	3,021	2,941	2,794	2,553	2,258
Aver. Hrs. per Direct Worker in Month	176	185	185	187	187	187	187	187	187	187	187	187	187
Direct Workers	11,438	11,205	11,205	15,840	16,150	16,283	16,348	16,355	16,155	15,727	14,941	13,652	12,075
Total Employees	19,987	19,755	19,755	26,011	26,310	26,508	26,823	27,000	26,150	25,072	23,636	21,697	19,470
	APR.												
SO3C Direct Man-Hours	698	637	594	563	546	533	529	498	442	338	165	35	—
SB2C Direct Man-Hours	1,268	1,446	1,460	2,275	2,275	2,275	2,275	2,253	2,210	2,136	2,015	1,798	1,213
SC Direct Man-Hours	0	3	7	52	87	117	152	195	238	290	347	399	442

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT CORP., COLUMBUS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 APR.												
All Other Direct Man-Hours	19	82	109	132	137	132	104	75	51	30	26	26	24
Total Direct Man-Hours	1,982	2,167[3]	2,170	3,020[3]	3,045	3,057	3,060	3,021	2,941	2,794	2,553	2,258	1,670[3]
Aver. Hrs. per Direct Worker in Month	168	185	185	187	187	187	187	187	187	187	187	187	187
Direct Workers	11,770	11,710	11,730	16,150	16,283	16,348	16,355	16,155	15,727	14,941	13,652	12,075	8,930
Total Employees	20,448	20,448	20,448	26,310	26,608	26,823	27,000	26,150	25,072	23,636	21,697	19,470	18,715
	MAY												
SO3C Direct Man-Hours	604	594	563	546	533	519	498	442	338	165	35	—	—
SB2C Direct Man-Hours	1,540	1,473	1,517	1,603	1,722	1,907	2,080	2,197	2,253	2,266	2,244	2,162	2,045
SC Direct Man-Hours	1	22	52	87	117	152	195	238	290	347	399	442	468
All Other Direct Man-Hours	24	109	133	139	132	104	75	51	30	26	26	24	20
Total Direct Man-Hours	2,169	2,198	2,265	2,375	2,504	2,682	2,848	2,928	2,911	2,804	2,704	2,628	2,533
Aver. Hrs. per Direct Worker in Month	184	185	185	183	183	186	188	185	185	185	185	185	185
Direct Workers	11,814	11,900	12,300	13,000	13,700	14,400	15,100	15,800	15,700	15,100	14,600	14,200	13,700
Total Employees	20,741	21,000	22,000	23,000	24,000	25,000	26,000	27,000	27,000	26,000	25,000	24,000	23,000
	JUNE												
SO3C Direct Man-Hours	540	540	530	520	510	500	430	250	110	35	—	—	—
SB2C Direct Man-Hours	1,649	1,750	1,900	2,050	2,200	2,250	2,300	2,370	2,430	2,450	2,410	2,360	2,320
SC Direct Man-Hours	1	6	40	90	140	190	240	300	360	400	450	468	468
BTC Direct Man-Hours	—	—	1	5	12	30	40	100	140	170	200	240	280
All Other Direct Man-Hours	22	34	49	85	108	120	120	100	80	65	60	52	52
Total Direct Man Hours	2,212	2,330	2,520	2,750	2,970	3,090	3,130	3,120	3,120	3,120	3,120	3,120	3,120
Aver. Hrs. per Direct Worker in Month	186	185	185	183	185	185	185	185	185	185	185	185	185
Direct Workers	11,899	12,595	13,622	14,865	16,054	16,703	16,919	16,865	16,865	16,865	16,865	16,865	16,865
Total Employees	21,314	22,295	23,422	24,665	25,954	26,703	27,019	26,965	26,965	26,965	26,965	26,965	26,965
	JULY												
SO3C Direct Man-Hours	457	530	520	510	500	430	250	110	35	—	—	—	—
SB2C Direct Man-Hours	1,844	1,900	2,050	2,200	2,250	2,330	2,420	2,530	2,590	2,550	2,480	2,450	2,410
SC Direct Man-Hours	1	40	90	140	190	240	350	400	430	450	468	468	468
All Other Direct Man-Hours	26	49	85	108	120	120	100	80	65	60	52	52	42
Total Direct Man-Hours	2,328	2,519	2,745	2,958	3,060	3,120	3,120	3,120	3,120	3,060	3,000	2,970	2,920
Aver. Hrs. per Direct Worker in Month	191	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	12,209	13,616	14,838	15,989	16,541	16,865	16,865	16,865	16,865	16,541	16,216	16,054	15,784
Total Employees	22,094	23,516	24,838	25,989	26,641	27,065	27,065	27,065	26,841	26,516	26,354	26,184	
	AUG.												
SO3C Direct Man-Hours	327	420	510	500	500	420	310	275	110	—	—	—	—
SB2C Direct Man-Hours	1,861	1,900	1,930	2,060	2,180	2,250	2,330	2,350	2,350	2,340	2,275	2,140	1,930
SC Direct Man-Hours	1	90	140	190	240	350	400	430	450	468	468	468	459
All Other Direct Man-Hours	27	85	108	120	120	100	80	65	60	52	52	42	30
Total Direct Man-Hours	2,216	2,495	2,688	2,870	3,040	3,120	3,120	3,120	2,970	2,860	2,795	2,650	2,419
Aver. Hrs. per Direct Worker in Month	178	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	12,477	13,500	14,500	15,500	16,400	16,900	16,900	16,900	16,100	15,500	15,100	14,300	13,000
Total Employees	22,575	23,600	24,600	25,800	26,500	27,000	27,000	27,000	26,300	25,700	25,300	24,300	22,000
	SEPT.												
SO3C Direct Man-Hours	399	459	403	500	420	310	275	110	—	—	—	—	—
SB2C Direct Man-Hours	1,733	1,811	1,846	2,180	2,250	2,330	2,350	2,350	2,340	2,275	2,140	1,930	1,500
SC Direct Man-Hours	8	26	74	240	350	400	430	450	468	468	468	459	433
All Other Direct Man-Hours	26	46	59	68	68	68	46	46	46	55	63	63	81
Total Direct Man-Hours	2,166	2,342	2,382	2,988	3,088	3,108	3,101	2,956	2,854	2,798	2,671	2,452	2,014
Aver. Hrs. per Direct Worker in Month	174	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	12,466	12,700	12,800	16,200	16,700	16,800	16,800	16,000	15,500	15,200	14,500	13,300	10,900
Total Employees	22,779	23,000	23,100	26,500	27,000	27,000	27,000	26,300	25,800	25,400	24,500	22,300	18,900
	OCT.												
SO3C Direct Man-Hours	278	290	299	295	247	160	52	—	—	—	—	—	—
SB2C Direct Man-Hours	1,888	1,982	2,056	1,945	1,845	1,830	2,018	2,087	2,144	2,180	2,140	2,067	2,002
SC Direct Man-Hours	20	42	61	92	123	149	156	176	261	388	468	695	816
All Other Direct Man-Hours	64	79	104	83	64	83	100	119	149	169	201	182	192
Total Direct Man-Hours	2,250	2,393	2,520	2,415	2,279	2,222	2,326	2,382	2,554	2,737	2,809	2,944	3,010
Aver. Hrs. per Direct Worker in Month	180	186	186	186	186	186	186	186	186	186	186	186	186
Direct Workers	12,492	12,900	13,000	13,000	12,000	11,600	12,600	12,800	13,700	14,700	15,100	15,800	16,200
Total Employees	22,978	23,400	24,100	23,500	22,500	22,200	23,200	23,400	24,300	25,400	25,800	26,500	27,000
	NOV.												
SO3C Direct Man-Hours	250	299	295	247	160	52	—	—	—	—	—	—	—
SB2C Direct Man-Hours	1,645	1,736	1,723	1,740	1,830	2,018	2,087	2,144	2,180	2,140	2,067	2,002	1,945
SC Direct Man-Hours	27	61	92	123	149	156	176	261	388	468	695	816	834
All Other Direct Man-Hours	394	424	305	150	83	100	119	149	169	201	182	192	190
Total Direct Man-Hours	2,316	2,520	2,415	2,279	2,222	2,326	2,382	2,554	2,737	2,809	2,944	3,010	2,969

CURTISS-WRIGHT CORP., COLUMBUS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs. per Direct Worker in Month	184	186	186	186	186	186	186	186	186	186	186	186	186
Direct Workers	12,603	13,600	13,000	12,786	11,979	12,600	12,800	13,700	14,700	15,100	15,800	16,200	16,800
Total Employees	23,371	24,100	23,500	22,786	22,579	23,200	23,400	24,300	25,400	25,800	26,500	27,000	27,800
	DEC.												
SO3C Direct Man-Hours	153	295	247	160	52	—	—	—	—	—	—	—	—
SB2C Direct Man-Hours	1,710	1,723	1,740	1,830	2,018	2,087	2,144	2,180	2,140	2,067	2,002	1,945	1,896
SC Direct Man-Hours	32	92	123	149	156	176	261	388	468	695	816	834	783
All Other Direct Man-Hours	209	305	169	83	100	119	149	169	201	182	192	190	195
Total Direct Man-Hours	2,104	2,415	2,270[3]	2,222	2,326	2,382	2,554	2,737	2,809	2,944	3,010	2,969	2,874
Aver. Hrs. per Direct Worker in Month	166	186	186	186	186	186	186	186	186	186	186	186	186
Direct Workers	12,698	13,000	12,000	11,600	12,600	12,800	13,700	14,700	15,100	15,800	16,200	16,000	15,500
Total Employees	23,833	23,800	22,800	22,500	23,500	23,700	24,600	25,700	26,100	26,800	27,000	26,800	26,300
	1944 JAN.[2]												
SO3C Direct Man-Hours	84	—	—	—	—	—	—	—	—	—	—	—	—
SB2C Direct Man-Hours	1,791	—	—	—	—	—	—	—	—	—	—	—	—
SC Direct Man-Hours	35	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	315	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,225	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	176	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	12,664	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	24,285	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
SO3C Direct Man-Hours	11	—	—	—	—	—	—	—	—	—	—	—	—
SB2C Direct Man-Hours	1,799	1,736	1,964	2,049	2,075	2,032	1,929	1,857	1,831	1,747	1,685	1,680	1,611
SC Direct Man-Hours	48	65	93	115	162	276	397	549	705	779	792	741	678
All Other Direct Man-Hours	265	247	170	161	161	168	188	203	215	197	185	189	188
Total Direct Man-Hours	2,123	2,048	2,227	2,325	2,398	2,476	2,514	2,609	2,751	2,723	2,662	2,610	2,477
Aver. Hrs. per Direct Worker in Month	186	186	186	186	186	186	186	186	186	186	186	186	186
Direct Workers	11,427	11,040	12,005	12,534	12,927	13,348	13,553	14,065	14,830	14,679	14,350	14,070	13,353
Total Employees	24,378	24,585	25,234	25,619	25,732	25,973	26,048	26,330	26,770	26,499	26,030	25,530	24,473
	MAR.[2]												
SB2C Direct Man-Hours	1,751	—	—	—	—	—	—	—	—	—	—	—	—
SC Direct Man-Hours	86	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	183	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,020	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	196	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	10,305	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	23,886	—	—	—	—	—	—	—	—	—	—	—	—
	APR.												
SB2C Direct Man-Hours	1,534	1,645	1,594	1,556	1,523	1,505	1,498	1,437	1,380	1,351	1,322	1,297	1,275
SC Direct Man-Hours	69	115	162	276	397	549	705	779	792	741	678	627	588
All Other Direct Man-Hours	182	148	140	140	134	129	125	124	123	126	134	148	164
Total Direct Man-Hours	1,785	1,908	1,896	1,972	2,054	2,183	2,323[3]	2,340	2,295	2,218	2,134	2,072	2,027
Aver. Hrs. per Direct Worker in Month	154	167	166	169	173	179	182	183	186	186	186	186	186
Direct Workers	10,836	11,395	11,456	11,682	11,873	12,209	12,750	12,717	12,372	11,957	11,504	11,170	10,927
Total Employees	23,372	23,080	23,141	23,417	23,658	24,094	24,735	24,671	24,002	23,197	22,368	21,670	21,278
	MAY												
SB2C Direct Man-Hours	1,627	1,833	1,757	1,659	1,580	1,561	1,526	1,450	1,427	1,422	1,422	1,394	1,385
SC Direct Man-Hours	92	126	302	500	647	752	802	754	678	628	590	561	537
XBTC Direct Man-Hours	5	26	27	32	44	53	28	15	—	—	—	—	—
All Other Direct Man-Hours	116	158	183	177	181	177	202	256	296	260	266	271	303
Total Direct Man-Hours	1,840	2,143	2,269	2,368	2,452	2,543	2,558	2,475	2,401	2,310	2,278	2,226	2,225
Aver. Hrs. per Direct Worker in Month	176	177	186	188	185	186	185	186	191	186	189	186	184
Net Direct Employment	10,468	11,742	12,234	12,613	13,281	13,671	13,825	13,437	12,599	12,453	12,032	12,001	12,093
Total Net Employment	22,601	22,271	22,527	23,018	23,974	24,945	25,321	25,020	24,400	23,575	22,538	22,150	22,140
	JUNE												
SB2C Direct Man-Hours	1,393	1,757	1,659	1,580	1,561	1,526	1,450	1,427	1,422	1,421	1,394	1,385	1,358
SC Direct Man-Hours	168	302	500	647	752	802	754	678	628	590	561	537	515
XBTC Direct Man-Hours	17	27	32	44	53	28	15	—	—	—	—	—	—
All Other Direct Man-Hours	156	183	177	181	175	196	244	280	235	210	185	160	160
Total Direct Man-Hours	1,734	2,269	2,368	2,452	2,541	2,552	2,463	2,385	2,285	2,221	2,140	2,082	2,033
Aver. Hrs. per Direct Worker in Month	168	186	188	185	186	185	186	191	186	189	186	184	183
Net Direct Employment	10,339	12,234	12,613	13,281	13,660	13,797	13,278	12,516	12,318	11,735	11,537	11,316	11,140
Total Net Employment	22,144	22,927	23,418	24,374	25,345	25,721	25,420	24,800	23,975	22,938	22,550	22,340	22,205

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT CORP., COLUMBUS (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JULY												
SB2C Direct Man Hours	1,606	1,659	80	1,061	1,526	1,119	1,128	1,422	1,421	1,394	1,385	1,358	1,326
SC Direct Man Hours	263	300	647	552	802	751	978	628	590	561	537	515	496
XBTC Direct Man Hours	28	32	11	03	28	15	-	- -	----	- —	----	----	—
All Other Direct Man Hours	170	177	181	175	196	245	280	235	210	185	160	160	160
Total Direct Man Hours	2,067	2 368	2 452	2 541	2,552	2,463	2,386	2,285	2,221	2,140	2,082	2,033	1,982
Aver Hrs per Direct Worker in Month	203	188	85	186	185	186	191	186	189	186	184	183	183
Net Direct Employment	10,184	12,613	13,281	13,659	13,797	13,278	12,516	12,318	11,735	11,537	11,316	11,140	10,861
Total Net Employment	22,075	23,418	24 374	25 345	25,721	25,420	24,800	23,975	22,938	22,550	22,340	22,205	21,661
	AUG.												
SB2C Direct Man-Hours	1,314	1,410	1,325	1,284	1,310	1,361	1,434	1,378	1,266	1,201	1,157	1,136	1,144
SC Direct Man Hours	371	703	807	796	714	642	596	561	532	508	486	468	455
XBTC Direct Man-Hours	39	39	39	38	37	35	18	2	----	----	----	----	----
All Other Direct Man Hours	122	126	136	177	233	305	317	313	310	310	310	310	310
Total Direct Man Hours	1,846	2,278	2,307	2,295	2,294	2,343	2,365	2,254	2,108	2,019	1,953	1,914	1,909
Aver Hrs. per Direct Worker in Month	188	210	211	205	203	205	204	210	206	205	203	204	209
Net Direct Employment	9,840	10,827	10,923	11,195	11,312	11,418	11,605	10,718	10,218	9,873	9,630	9,401	9,156
Total Net Employment	21,879	21,814	21,941	22,295	22,433	22,548	22,757	21,518	20,864	20,227	19,655	19,277	18,765
	SEPT.												
SB2C Direct Man Hours	1,033	1,325	1,284	1,310	1,361	1,434	1,378	1,266	1,201	1,157	1,136	1,144	1,278
SC Direct Man Hours	553	807	796	714	642	596	561	532	508	486	468	455	442
XBTC Direct Man-Hours	36	39	38	37	35	18	2	----	----	----	----	----	----
All Other Direct Man-Hours	111	136	177	233	305	317	313	310	310	310	310	310	310
Total Direct Man-Hours	1,733	2,307	2,295	2,294	2,343	2,365	2,254	2,108	2,019	1,953	1,914	1,909	2,102
Aver Hrs per Direct Worker in Month	180	211	205	203	205	204	210	206	205	203	204	209	215
Net Direct Employment	9,616	10,923	11,195	11,312	11,418	11,605	10,718	10,218	9,873	9,630	9,401	9,156	9,451
Total Net Employment	21,458	21,941	22,295	22,433	22,548	22,757	21,518	20,864	20,227	19,655	19,277	18,765	19,301
	OCT.												
SB2C Direct Man Hours	907	1,284	1,310	1,361	1,434	1,378	1,266	1,201	1,157	1,136	1,144	1,278	1,437
SC Direct Man Hours	640	796	714	642	596	561	532	508	486	468	455	442	431
XBTC Direct Man-Hours	40	38	37	----	----	----	----	----	----	----	----	----	----
All Other Direct Man-Hours	137	177	233	340	335	315	310	310	310	310	310	310	310
Total Direct Man-Hours	1,724	2,295	2,294	2,343	2,365	2,254	2,108	2,019	1,953	1,914	1,909	2,030	2,178
Aver. Hrs. per Direct Worker in Month	183	205	203	205	204	210	206	205	203	204	209	215	222
Net Direct Employment	9,398	11,195	11,312	11,418	11,605	10,718	10,218	9,873	9,630	9,401	9,156	9,451	9,816
Total Net Employment	21,027	22,295	22,433	22,548	22,757	21,518	20,864	20,227	19,655	19,277	18,765	19,301	19,763
	NOV.												
SB2C Direct Man-Hours	909	1,310	1,361	1,434	1,378	1,266	1,201	1,157	1,136	1,144	1,278	1,437	1,372
SC Direct Man-Hours	686	714	642	596	561	532	508	486	468	455	442	431	420
XBTC Direct Man-Hours	41	37	35	----	----	----	----	----	----	----	----	----	----
All Other Direct Man-Hours	89	233	305	335	315	310	310	310	310	310	310	310	310
Total Direct Man-Hours	1,725	2,294	2,343	2,365	2,254	2,108	2,019	1,953	1,914	1,909	2,030	2,178	2,102
Aver Hrs per Direct Worker in Month	185	203	205	204	210	206	205	203	204	209	215	222	215
Net Direct Employment	9,323	11,312	11,418	11,605	10,718	10,218	9,873	9,630	9,401	9,156	9,451	9,816	9,795
Total Net Employment	20,890	22,433	22,548	22,757	21,518	20,864	20,227	19,655	19,277	18,765	19,301	19,663	19,645
	DEC.												
SB2C Direct Man-Hours	910	1,203	1,223	1,505	1,415	1,486	1,547	1,474	1,595	1,495	1,099	1,378	1,582
SC Direct Man Hours	690	498	400	430	366	374	276	243	274	224	254	235	225
XBTC Direct Man Hours	40	40	40	40	40	20	0	0	0	0	0	0	0
All Other Direct Man Hours	83	87	87	87	87	107	127	127	127	127	127	127	127
Total Direct Man Hours	1,723	1,828	1,750	2,062	1,908	1,987	1,950	1,844	1,996	1,846	2,080	1,940	1,934
Aver Hrs per Direct Worker in Month	184	185	169	190	175	184	183	174	188	172	193	178	177
Net Direct Employment	9,378	9,876	10,353	10,876	10,903	10,789	10,673	10,628	10,628	10,764	10,772	10,899	10,902
Total Net Employment	20,785	21,076	21,555	22,076	22,103	21,899	21,648	21,558	21,558	21,829	21,922	22,099	22,102
	1945 JAN.												
SB2C Direct Man Hours	917	1,036	1,308	1,346	1,416	1,346	1,424	1,571	1,453	1,672	1,558	1,554	1,667
SC Direct Man Hours	690	500	528	435	444	484	300	305	273	288	262	260	231
XBTC Direct Man Hours	33	40	40	40	20	0	0	0	0	0	0	0	0
All Other Direct Man Hours	83	87	87	87	107	120	120	120	120	120	120	120	120
Total Direct Man Hours	1,723	1,663	1,963	1,908	1,987	1,950	1,844	1,996	1,846	2,080	1,940	1,934	2,018
Aver Hrs per Direct Worker in Month	185	169	191	175	184	183	174	188	172	193	178	177	185
Net Direct Employment	9,315	9,840	10,301	10,903	10,799	10,673	10,628	10,628	10,764	10,772	10,899	10,902	10,902
Total Net Employment	20,759	21,040	21,501	22 103	21,899	21,648	21,558	21,558	21,829	21,922	22,099	22,102	22,102
	FEB.												
SB2C Direct Man Hours	800	1,298	1,346	1,416	1,346	1,424	1,571	1,453	1,672	1,558	1,554	1,638	1,482
SC Direct Man Hours	640	528	435	444	484	300	305	273	288	262	260	260	240
XBTC Direct Man-Hours	29	40	40	20	----	----	----	----	----	----	----	----	----

CURTISS-WRIGHT CORP., COLUMBUS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 FEB.												
All Other Direct Man Hours	63	87	87	107	120	120	120	120	120	120	120	120	120
Total Direct Man-Hours	1,592	1,953	1,908	1,987	1,950	1,844	1,996	1,846	2,080	1,940	1,934	2,018	1,842
Aver Hrs. per Direct Worker in Month	175	190	175	184	183	174	188	172	193	178	177	185	169
Net Direct Employment	9 074	10,301	10,903	10,799	10,673	10,628	10,628	10,764	10,772	10,899	10,902	10,902	10,902
Total Net Employment	20,813	21,501	22,103	21,899	21,648	21,558	21,558	21,829	21 922	22 099	22,102	22,102	22,102
	MAR.												
SB2C Direct Man-Hours	1,159	1,123	1,277	1,337	1,406	1,508	1,386	1,632	1,525	1,514	1,601	1,462	1,633
SC Direct Man-Hours	702	513	497	473	380	423	368	374	345	336	344	320	330
XBTC Direct Man-Hours	25	25	20	20	----	----	----	----	----	----	----	----	----
BT2C Direct Man-Hours	16	30	40	50	60	70	70	70	70	70	70	50	30
All Other Direct Man-Hours	35	55	55	55	55	55	55	55	55	55	55	55	55
Total Direct Man-Hours	1,937	1,746	1,889	1,935	1,901	2,056	1,879	2,131	1,995	1,975	2,070	1,887	2,048
Aver. Hrs. per Direct Worker in Month	209	179	188	189	181	196	174	196	181	179	187	171	185
Net Direct Employment	9,274	9,773	10,073	10,244	10,510	10,510	10,780	10,870	11,050	11,050	11,050	11,050	11,050
Total Net Employment	20,669	20,773	21,073	21,269	21,560	21,560	21,830	21,920	22,100	22,100	22,100	22,100	22,100
	APR.												
SB2C Direct Man-Hours	939	1,277	1,347	1,386	1,508	1,386	1,632	1,525	1,514	1,601	1,462	1,633	1,668
SC Direct Man-Hours	597	497	473	380	423	368	374	345	336	344	320	330	321
XBTC Direct Man-Hours	14	20	20	20	----	----	----	----	----	----	----	----	----
BT2C Direct Man-Hours	24	40	50	60	70	70	70	70	70	70	50	30	10
All Other Direct Man-Hours	24	55	55	55	55	55	55	55	55	55	55	55	55
Total Direct Man-Hours	1,598	1,889	1,945	1,901	2,056	1,879	2,131	1,995	1,975	2,070	1,887	2,048	2,054
Aver. Hrs. per Direct Worker in Month	170	188	189	181	196	174	196	181	179	187	171	185	186
Net Direct Employment	9,376	10,073	10,298	10,510	10,510	10,780	10,870	11,050	11,050	11,050	11,050	11,050	11,050
Total Net Employment	20,164	21,073	21,323	21,560	21,560	21,830	21,920	22,100	22,100	22,100	22,100	22,100	22,100
	MAY												
SB2C Direct Man-Hours	983	1,104	1,165	1,491	1,318	1,575	1,445	1,429	1,530	1,371	1,557	1,587	1,618
SC Direct Man-Hours	579	532	479	440	436	431	425	421	415	411	406	402	399
XBTC Direct Man-Hours	9	20	20	----	----	----	----	----	----	----	----	----	----
BT2C Direct Man-Hours	33	50	60	70	70	70	70	70	70	50	30	10	----
All Other Direct Man-Hours	9	55	55	55	55	55	55	55	55	55	55	55	55
Total Direct Man-Hours	1,613	1,761	1,779	2,056	1,879	2,131	1,995	1,975	2,070	1,887	2,048	2,054	2,072
Aver. Hrs. per Direct Worker in Month	179	189	181	196	174	196	181	179	187	171	185	186	188
Net Direct Employment	9,030	9,323	9,835	10,510	10,780	10,870	11,050	11,050	11,050	11,050	11,050	11,050	11,050
Total Net Employment	19,629	20,323	20,860	21,560	21,830	21,920	22,100	22,100	22,100	22,100	22,100	22,100	22,100
	JUNE												
SB2C Direct Man-Hours	851	1,205	1,525	1,363	1,627	1,494	1,498	1,587	1,456	1,636	1,660	1,673	1,493
SC Direct Man-Hours	501	479	440	436	431	425	421	415	411	406	402	399	397
XBTC Direct Man-Hours	----	----	----	----	----	----	----	----	----	----	----	----	----
BT2C Direct Man-Hours	----	----	----	----	----	----	----	----	----	----	----	----	----
All Other Direct Man-Hours	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Direct Man-Hours	----	----	----	----	----	----	----	----	----	----	----	----	----
Aver. Hrs. per Direct Worker in Month	----	----	----	----	----	----	----	----	----	----	----	----	----
Net Direct Employment	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Net Employment	----	----	----	----	----	----	----	----	----	----	----	----	----

CURTISS-WRIGHT CORP., LOUISVILLE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
C-76 Direct Man-Hours	149	340	407	480	554	606	681	733	771	771	771	- —	- -
All Other Direct Man-Hours	----	----	----	----	----	----	----	----	----	-	----	- —	- -
Total Direct Man-Hours	149	340	407	480	554	606	681	733	771	771	771	----	- -
Aver. Hrs per Direct Worker in Month	156	192	208	208	208	208	216	208	208	208	208	----	----
Direct Workers	953	1,634	1,955	2,310	2,662	2,912	3,274	3,524	3,708	3,708	3,708	----	- -
Total Employees	2,229	2,888	3,417	3,938	4,418	4,744	5,186	5,526	5,758	5,758	5,758	----	- -
	FEB.												
C-76 Direct Man-Hours	181	242	326	444	582	705	749	791	812	818	850	818	787
All Other Direct Man-Hours	—	-	----	----	----	----	----	----	----	----	----	- -	- -
Total Direct Man-Hours	181	242	326	444	582	705	749	791	812	818	850	818	787
Aver. Hrs. per Direct Worker in Month	180	216	208	208	208	216	208	208	208	208	216	208	200
Direct Workers	1,005	1,119	1,566	2,134	2,800	3,266	3,602	3,802	3,903	3,932	3,934	3,934	3,934
Total Employees	2,330	2,511	3,089	3,807	4,629	5,226	5,657	5,908	6,040	6,079	6,081	6,081	6,081
	MAR.												
C-76 Direct Man-Hours	210	264	377	511	628	668	704	722	728	756	728	672	756
All Other Direct Man-Hours	----	29	42	57	70	74	78	80	81	84	81	75	84
Total Direct Man-Hours	210	293	419	568	698	742	782	802	809	840	809	747	840

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS WRIGHT CORP., LOUISVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
Aver. Hrs. per Direct Worker in Month	6	208	208	208	216	208	208	208	208	216	208	192	216
Direct Workers	536	1,411	2,014	2,732	3,229	3,366	3,762	3,859	3,858	3,890	3,890	3,990	3,890
Total Employees	2,672	3,320	4,108	5,003	5,682	6,113	6,377	6,506	6,550	6,559	6,559	6,559	6,559
	APR.												
C-76 Direct Man-Hours	297	377	511	628	668	704	722	728	756	728	672	756	700
All Other Direct Man-Hours	0	42	57	70	74	78	80	81	84	81	75	84	79
Total Direct Man-Hours	297	419	568	698	742	782	802	809	840	809	747	840	779
Aver. Hrs. per Direct Worker in Month	214	208	208	216	208	208	208	208	216	208	192	216	200
Direct Workers	1,385	2,014	2,732	3,229	3,366	3,762	3,859	3,858	3,890	3,890	3,890	3,890	3,890
Total Employees	2,959	1,108	5,003	5,682	6,113	6,377	6,506	6,550	6,559	6,559	6,559	6,559	6,559
	MAY												
C-76 Direct Man-Hours	317	327	329	330	344	376	418	463	459	423	477	441	477
All Other Direct Man-Hours	3	15	37	37	38	42	46	51	51	47	53	49	53
Total Direct Man-Hours	320	342	366	367	382	418	464	514	510	470	530	490	530
Aver. Hrs. per Direct Worker in Month	208	204	212	204	204	204	204	212	204	188	212	196	212
Direct Workers	1,538	1,675	1,725	1,800	1,875	2,050	2,275	2,425	2,500	2,500	2,500	2,500	2,500
Total Employees	3,325	3,602	3,677	3,765	3,855	4,050	4,275	4,425	4,500	4,500	4,500	4,500	4,500
	JUNE												
C-76 Direct Man-Hours	143	181	196	227	252	275	307	325	342	389	364	396	380
All Other Direct Man-Hours	2	9	12	17	22	31	46	57	70	91	91	99	95
Total Direct Man-Hours	145	190	208	244	274	306	353	382	412	480	455	495	475
Aver. Hrs. per Direct Worker in Month	109	169	169	173	175	179	190	186	181	198	182	198	190
Direct Workers	1,322	1,123	1,229	1,410	1,567	1,709	1,856	2,050	2,275	2,425	2,500	2,500	2,500
Total Employees	3,528	3,273	3,359	3,520	3,657	3,779	3,906	4,080	4,295	4,435	4,500	4,500	4,500
	JULY												
C-76 Direct Man-Hours	146	204	238	263	275	307	325	342	389	364	396	380	380
All Other Direct Man-Hours	0	4	6	11	31	46	57	70	91	91	99	95	95
Total Direct Man-Hours	146	208	244	274	306	353	382	412	480	455	495	475	475
Aver. Hrs. per Direct Worker in Month	179	169	173	175	179	190	186	181	198	182	198	190	190
Direct Workers	848	1,229	1,410	1,567	1,709	1,856	2,050	2,275	2,425	2,500	2,500	2,500	2,500
Total Employees	3,378	3,359	3,520	3,657	3,779	3,906	4,080	4,295	4,435	4,500	4,500	4,500	4,500
	AUG.												
C-76 Direct Man-Hours	91	90	70	60	50	40	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	25	60	100	170	260	325	400	500	594	617	665	742
Total Direct Man-Hours	91	115	130	160	220	300	325	400	500	594	617	665	742
Aver. Hrs. per Direct Worker in Month	135	132	130	132	132	153	143	160	182	198	190	190	198
Direct Workers	673	871	1,000	1,212	1,667	1,960	2,275	2,500	2,725	3,000	3,250	3,500	3,750
Total Employees	3,222	3,520	3,657	3,779	3,906	4,080	4,295	4,510	4,725	5,000	5,250	5,500	5,750
	SEPT.												
C-76 Direct Man-Hours	97	70	60	50	40	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	38	60	100	170	280	320	330	420	520	620	720	810	910
Total Direct Man-Hours	135	130	160	220	320	320	330	420	520	620	720	810	910
Aver. Hrs. per Direct Worker in Month	190	105	116	138	185	185	190	190	190	190	190	190	190
Direct Workers	707	1,260	1,380	1,600	1,720	1,720	1,737	2,211	2,737	3,263	3,789	4,263	4,789
Total Employees	3,364	3,750	3,900	4,150	4,300	4,330	4,377	4,911	5,527	6,148	6,774	7,343	7,949
	OCT.												
C-76 Direct Man-Hours	83	70	50	40	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	44	70	100	170	280	320	330	420	520	620	720	810	910
Total Direct Man-Hours	127	140	150	210	280	320	330	420	520	620	720	810	910
Aver. Hrs. per Direct Worker in Month	162	145	128	144	173	185	190	190	190	190	190	190	190
Direct Workers	782	960	1,180	1,450	1,620	1,720	1,737	2,211	2,737	3,263	3,789	4,263	4,789
Total Employees	3,633	3,750	3,900	4,150	4,300	4,330	4,377	4,911	5,527	6,148	6,774	7,343	7,949
	NOV.												
C-76 Direct Man-Hours	70	50	40	—	—	—	—	—	—	—	—	—	—
C-46A Direct Man-Hours	4	20	70	110	320	330	420	520	620	720	810	910	1,000
All Other Direct Man-Hours	90	121	75	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	164	191	185	110	320	330	420	520	620	720	810	910	1,000
Aver. Hrs. per Direct Worker in Month	205	162	128	86	185	190	190	190	190	190	190	190	190
Direct Workers	799	1,180	1,450	1,920	1,720	1,737	2,211	2,737	3,263	3,789	4,263	4,789	5,263
Total Employees	3,701	3,900	4,150	4,300	4,330	4,377	4,911	5,527	6,148	6,774	7,343	7,949	8,508
	DEC.												
C-76 Direct Man-Hours	58	9	—	—	—	—	—	—	—	—	—	—	—
C-46A Direct Man-Hours	4	20	56	126	274	292	349	523	483	531	724	627	830
All Other Direct Man-Hours	131	150	124	68	4	—	—	—	—	—	—	—	—

CURTISS-WRIGHT CORP., LOUISVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
Total Direct Man-Hours	193	179	180	194	278	292	349	523	483	531	724	627	830
Aver. Hrs. per Direct Worker in Month	211	160	160	170	200	160	160	200	160	60	200	160	200
Direct Workers	912	1,115	1,120	1,140	1,388	1,823	2,178	2,617	3,020	3,320	3,620	3,920	4,250
Total Employees	3,608	3,125	3,219	3,244	3,528	3,986	4,415	4,852	5,283	5,691	5,919	6,237	6,581
	1944 JAN.												
C-76 Direct Man-Hours	14	5	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	8	82	170	209	240	278	313	348	388	449	502	549	570
All Other Direct Man-Hours	133	89	43	24	5	—	—	—	—	—	—	—	—
Total Direct Man-Hours	155	176	213	233	245	278	313	348	388	449	502	549	570
Aver. Hrs. per Direct Worker in Month	167	174	174	174	174	174	174	174	174	174	174	174	174
Direct Workers	927	1,014	1,224	1,339	1,406	1,600	1,800	2,000	2,230	2,581	2,887	3,157	3,276
Total Employees	3,286	3,170	3,448	3,619	3,717	3,976	4,251	4,504	4,821	5,358	5,834	6,243	6,381
	FEB.[2]												
C-76 Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	40	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	103	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	147	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	169	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	868	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	3,169	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
C-76 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
C-46A Direct Man-Hours	93	170	209	240	278	313	348	388	449	502	549	570	602
All Other Direct Man-Hours	43	43	24	5	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	139	213	233	245	278	313	348	388	449	502	549	570	602
Aver. Hrs. per Direct Worker in Month	167	174	174	174	174	174	174	174	174	174	174	174	174
Direct Workers	833	1,224	1,339	1,406	1,600	1,800	2,000	2,230	2,581	2,887	3,157	3,276	3,457
Total Employees	3,231	3,448	3,619	3,717	3,976	4,251	4,504	4,821	5,358	5,834	6,243	6,381	6,593
	APR.												
C-46A Direct Man-Hours	122	272	304	338	367	403	464	520	562	580	608	630	672
All Other Direct Man-Hours	15	5	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	137	277	304	338	367	403	464	520	562	580	608	630	672
Aver. Hrs. per Direct Worker in Month	174	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	788	1,536	1,688	1,880	2,037	2,237	2,575	2,889	3,123	3,221	3,378	3,501	3,732
Total Employees	3,396	4,042	4,220	4,476	4,693	4,953	5,479	5,895	6,141	6,251	6,420	6,555	6,798
	MAY												
C-46A Direct Man-Hours	127	123	175	196	233	294	336	340	388	363	448	432	478
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	127	123	175	196	233	294	336	340	388	363	448	432	478
Aver. Hrs. per Direct Worker in Month	179	188	188	184	192	192	192	184	199	177	199	184	199
Net Direct Employment	709	657	931	1,067	1,213	1,529	1,750	1,850	1,950	2,050	2,150	2,250	2,350
Total Net Employment	3,343	3,273	3,532	3,632	3,812	4,229	4,526	4,655	4,566	4,644	4,762	4,880	4,998
	JUNE												
C-46A Direct Man-Hours	111	175	196	233	294	336	340	388	363	448	432	478	484
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	111	175	196	233	294	336	340	388	363	448	432	478	484
Aver. Hrs. per Direct Worker in Month	154	188	184	192	192	192	184	199	177	199	184	199	202
Net Direct Employment	721	931	1,067	1,213	1,529	1,750	1,850	1,950	2,050	2,150	2,250	2,350	2,390
Total Net Employment	3,039	3,532	3,632	3,812	4,229	4,526	4,642	4,566	4,644	4,762	4,880	4,998	5,057
	JULY												
C-46A Direct Man-Hours	178	196	233	294	336	340	388	363	448	432	478	484	471
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	178	196	233	294	336	340	388	363	448	432	478	484	471
Aver. Hrs. per Direct Worker in Month	170	184	192	192	192	184	199	177	199	184	199	192	192
Net Direct Employment	1,040	1,067	1,213	1,529	1,750	1,850	1,950	2,050	2,150	2,250	2,350	2,520	2,500
Total Net Employment	3,283	3,632	3,812	4,229	4,526	4,642	4,566	4,644	4,762	4,880	4,998	5,187	5,167
	AUG.												
C-46A Direct Man-Hours	246	326	311	352	330	332	284	292	248	222	88	—	—
All Other Direct Man-Hours	9	16	9	9	8	8	8	6	6	4	3	—	—
Total Direct Man-Hours	255	342	320	361	338	340	292	298	254	226	91	—	—
Aver. Hrs. per Direct Worker in Month	184	192	192	192	184	199	177	199	184	199	192	—	—
Net Direct Employment	1,389	1,781	1,667	1,880	1,837	1,709	1,650	1,497	1,380	1,136	474	—	—
Total Net Employment	3,884	4,549	4,706	4,749	4,678	4,517	4,286	4,011	3,620	3,127	2,065	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT CORP., LOUISVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
C-46A Direct Man-Hours	264	321	332	330	312	284	292	248	222	88	—	—	—
All Other Direct Man-Hours	14	9	9	8	8	8	6	6	4	3	—	—	—
Total Direct Man-Hours	278	330	341	338	340	292	298	254	226	91	—	—	—
Aver. Hrs. per Direct Worker in Month	181	192	192	184	189	177	199	184	199	192	—	—	—
Net Direct Employment	1,590	1,667	1,780	1,837	1,709	1,650	1,497	1,380	1,136	474	—	—	—
Total Net Employment	4,234	4,668	4,749	4,678	4,517	4,286	4,011	3,620	3,127	2,065	—	—	—
	OCT.												
C-46A Direct Man-Hours	323	352	330	332	284	292	248	222	88	—	—	—	—
All Other Direct Man-Hours	5	9	8	8	8	6	6	4	3	—	—	—	—
Total Direct Man-Hours	328	361	338	340	292	298	254	226	91	—	—	—	—
Aver. Hrs. per Direct Worker in Month	236	192	184	199	177	199	184	199	192	—	—	—	—
Net Direct Employment	1,394	1,880	1,837	1,709	1,650	1,497	1,380	1,136	474	—	—	—	—
Total Net Employment	4,342	4,749	4,678	4,517	4,286	4,011	3,620	3,127	2,065	—	—	—	—
	NOV.												
C-46A Direct Man-Hours	343	335	350	320	305	283	273	131	—	—	—	—	—
All Other Direct Man-Hours	1	5	4	4	4	3	3	3	—	—	—	—	—
Total Direct Man-Hours	344	340	354	324	309	286	276	134	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	237	184	192	177	199	184	199	192	—	—	—	—	—
Net Direct Employment	1,449	1,850	1,842	1,832	1,553	1,555	1,387	700	—	—	—	—	—
Total Net Employment	4,397	4,575	4,521	4,438	4,027	3,862	3,459	2,474	—	—	—	—	—
	DEC.												
C-46A Direct Man-Hours	274	350	320	305	283	273	131	—	—	—	—	—	—
All Other Direct Man-Hours	1	4	4	4	3	3	3	—	—	—	—	—	—
Total Direct Man-Hours	275	354	324	309	286	276	134	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	192	177	199	184	199	192	—	—	—	—	—	—
Net Direct Employment	1,501	1,842	1,832	1,553	1,555	1,387	700	—	—	—	—	—	—
Total Net Employment	4,402	4,521	4,438	4,027	3,862	3,459	2,474	—	—	—	—	—	—
	1945 JAN.												
C-46A Direct Man-Hours	314	320	305	283	273	131	—	—	—	—	—	—	—
All Other Direct Man-Hours	1	4	4	3	3	3	—	—	—	—	—	—	—
Total Direct Man-Hours	315	324	309	286	276	134	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	219	177	199	184	199	192	—	—	—	—	—	—	—
Net Direct Employment	1,435	1,832	1,553	1,555	1,387	700	—	—	—	—	—	—	—
Total Net Employment	4,210	4,438	4,027	3,862	3,459	2,474	—	—	—	—	—	—	—
	FEB.												
C-46A Direct Man-Hours	259	280	252	217	82	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	9	22	50	85	220	—	—	—	—	—	—	—	—
Total Direct Man-Hours	268	302	302	302	302	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	199	199	184	199	192	—	—	—	—	—	—	—	—
Net Direct Employment	1,346	1,512	1,512	1,512	1,512	—	—	—	—	—	—	—	—
Total Net Employment	4,036	3,986	3,986	3,986	3,986	—	—	—	—	—	—	—	—
	MAR.												
C-46A Direct Man-Hours	236	224	193	82	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	7	26	79	177	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	243	250	272	259	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	194	184	199	192	—	—	—	—	—	—	—	—	—
Net Direct Employment	1,252	1,359	1,359	1,350	—	—	—	—	—	—	—	—	—
Total Net Employment	3,825	3,459	3,409	3,250	—	—	—	—	—	—	—	—	—
	APR.												
C-46A Direct Man-Hours	201	193	82	8	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	17	12	10	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	217	210	94	18	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	178	199	192	192	—	—	—	—	—	—	—	—	—
Net Direct Employment	1,217	1,050	490	94	—	—	—	—	—	—	—	—	—
Total Net Employment	3,489	3,050	1,990	194	—	—	—	—	—	—	—	—	—
	MAY												
C-46A Direct Man-Hours	168	82	8	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	35	12	10	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	203	94	18	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	182	192	192	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	1,115	490	94	—	—	—	—	—	—	—	—	—	—
Total Net Employment	3,005	1,990	450	—	—	—	—	—	—	—	—	—	—

CURTISS-WRIGHT CORP., LOUISVILLE (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JUNE[2]												
C-46A Direct Man-Hours	95	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	21	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	116	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	150	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	774	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	2,082	—	—	—	—	—	—	—	—	—	—	—	—

CURTISS-WRIGHT CORP., ST. LOUIS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
A-25 Direct Man-Hours	396	715	1,113	1,271	1,552	1,759	2,019	2,264	2,366	2,441	2,469	2,569	2,469
C-76 Direct Man-Hours	86	66	30	—	—	—	—	—	—	—	—	—	—
AT-9 Direct Man-Hours	50	20	5	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	725	522	498	492	470	489	501	302	303	303	303	315	303
Total Direct Man-Hours	1,257	1,333[3]	1,636	1,763	2,022	2,248	2,518[3]	2,568[3]	2,669	2,744	2,772	2,884	2,772
Aver. Hrs. per Direct Worker in Month	188	184	207	199	199	199	207	199	199	199	199	207	199
Direct Workers	6,694	7,228	7,903	8,859	10,161	11,296	12,164	12,904	13,412	13,789	13,930	13,930	13,930
Total Employees	13,508	13,878	14,728	15,874	17,401	18,781	19,899	20,829	21,512	21,989	22,130	22,130	22,030
	FEB.												
A-25 Direct Man-Hours	447	1,113	1,271	1,552	1,759	2,019	2,264	2,366	2,441	2,469	2,569	2,469	2,370
C-76 Direct Man-Hours	67	40	10	10	—	—	—	—	—	—	—	—	—
AT-9 Direct Man-Hours	22	8	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	685	485	482	460	489	501	302	303	303	303	315	303	291
Total Direct Man-Hours	1,221	1,646	1,763	2,022	2,248	2,520	2,566	2,669	2,744	2,772	2,884	2,772	2,661
Aver. Hrs. per Direct Worker in Month	176	207	199	199	199	207	199	199	199	199	207	199	191
Direct Workers	6,880	7,951	8,859	10,161	11,296	12,173	12,894	13,412	13,789	13,930	13,930	13,930	13,930
Total Employees	13,936	15,114	16,129	17,538	18,781	19,908	20,819	21,512	21,989	22,130	22,130	22,030	21,930
	MAR.												
A-25 (SB2C-1) Direct Man-Hours	604	876	1,152	1,556	2,019	2,264	2,366	2,441	2,469	2,569	2,469	2,370	2,569
C-76 Direct Man-Hours	50	25	8	—	—	—	—	—	—	—	—	—	—
AT-9 Direct Man-Hours	9	5	2	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	674	669	674	692	501	302	303	303	303	315	303	291	315
Total Direct Man-Hours	1,337	1,575	1,836	2,248	2,520	2,566	2,669	2,744	2,772	2,884	2,772	2,661	2,884
Aver. Hrs. per Direct Worker in Month	189	199	199	199	207	199	199	199	199	207	199	191	207
Direct Workers	7,255	7,915	9,226	11,296	12,173	12,894	13,412	13,789	13,930	13,930	13,930	13,930	13,930
Total Employees	14,867	15,185	16,603	18,781	19,908	20,819	21,512	21,989	22,130	22,130	22,030	21,930	21,730
	APR.												
A-25 (SB2C-1) Direct Man-Hours	761	837	956	2,019	2,264	2,366	2,441	2,469	2,569	2,469	2,370	2,569	2,364
C-76 Direct Man-Hours	19	8	—	—	—	—	—	—	—	—	—	—	—
AT-9 Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	691	674	692	501	302	303	300	303	315	303	291	315	291
Total Direct Man-Hours	1,476	1,519	1,648	2,520	2,566	2,669	2,741	2,772	2,884	2,772	2,661	2,884	2,655
Aver. Hrs. per Direct Worker in Month	195	199	199	207	199	199	199	199	207	199	191	207	192
Direct Workers	7,583	7,633	8,281	12,173	12,894	13,412	13,789	13,930	13,930	13,930	13,930	13,930	13,828
Total Employees	15,532	15,764	16,512	20,499	21,320	21,928	22,400	22,631	22,726	22,286	21,930	21,730	21,428
	MAY												
A-25A Direct Man-Hours	856	924	1,216	1,294	1,369	1,349	1,276	1,206	982	743	474	315	86
C-76 Direct Man-Hours	12	10	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	—	—	10	48	112	172	260	407	563	702	972	1,091	1,372
AT-9 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	696	692	501	380	301	300	303	315	303	317	296	300	308
Total Direct Man-Hours	1,565	1,626	1,727	1,722	1,782	1,821	1,839	1,928	1,848	1,762	1,742	1,706	1,766
Aver. Hrs. per Direct Worker in Month	199	197	205	205	197	197	197	205	199	199	190	205	190
Direct Workers	7,878	8,254	8,424	8,400	9,046	9,243	9,335	9,405	9,286	9,274	8,498	8,979	8,615
Total Employees	15,920	16,304	16,574	16,550	17,296	17,543	17,635	17,705	17,586	17,574	16,798	17,279	16,915
	JUNE												
A-25A Direct Man-Hours	940	1,120	1,296	1,371	1,347	1,274	1,193	975	743	636	272	104	11
C-46 Direct Man-Hours	—	4	38	91	170	268	406	540	680	820	1,076	1,439	1,634
C-76 Direct Man-Hours	15	10	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	660	537	301	233	226	230	254	271	296	409	399	414	351
Total Direct Man-Hours	1,615	1,671	1,635	1,695	1,743	1,772	1,853	1,786	1,719	1,865	1,747	1,957	1,996
Aver. Hrs. per Direct Worker in Month	196	205	205	197	197	197	205	199	190	205	190	205	197
Direct Workers	8,241	8,151	7,976	8,604	8,848	8,995	9,039	8,975	9,047	9,098	9,195	9,546	10,132
Total Employees	16,443	16,351	16,176	16,854	17,148	17,295	17,339	17,275	17,347	17,398	17,495	17,846	18,432
	JULY												
A-25A Direct Man-Hours	899	918	923	957	964	976	976	743	636	272	104	11	—
C-46A Direct Man-Hours	—	42	91	128	241	406	539	680	820	1,076	1,439	1,634	1,850
C-76 Direct Man-Hours	15	6	—	—	—	—	—	—	—	—	—	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1943

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS WRIGHT CORP., ST. LOUIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
A-25A Direct Man-Hours	1												
All Other Direct Man-Hours	675	573	630	616	540	471	271	296	409	399	414	351	294
Total Direct Man-Hours	1,579	1,439	1,653	1,609	1,715	1,583	1,786	1,719	1,865	1,747	1,957	1,996	2,144
Aver. Hrs. per Direct Worker in Month	186	186	195	195	195	203	195	188	203	188	203	195	195
Direct Workers	8,485	8,274	8,477	8,713	8,948	9,128	9,159	9,144	9,187	9,293	9,640	10,236	10,995
Total Employees	16,822	16,574	16,777	17,013	17,248	17,428	17,459	17,444	17,487	17,593	17,940	18,536	19,295
	AUG.												
A-25A Direct Man-Hours	1,119	1,295	1,305	1,255	1,136	876	743	636	272	104	11	—	—
C-46A Direct Man-Hours	1	48	126	200	336	539	680	820	1,076	1,439	1,634	1,850	2,119
C-76 Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	362	269	286	290	341	371	296	409	399	414	351	294	275
Total Direct Man-Hours	1,484	1,612	1,717	1,745	1,813	1,786	1,719	1,865	1,747	1,957	1,996	2,144	2,394
Aver. Hrs. per Direct Worker in Month	177	186	195	195	203	195	188	203	188	203	195	195	203
Direct Workers	8,386	8,665	8,806	8,948	9,128	9,159	9,144	9,187	9,293	9,640	10,236	10,995	11,793
Total Employees	16,893	17,140	17,231	17,373	17,728	17,784	17,794	17,862	17,993	18,365	18,986	19,770	20,593
	SEPT.												
A-25A Direct Man-Hours	1,311	1,353	1,336	1,380	1,283	1,038	786	336	74	11	—	—	—
C-46A Direct Man-Hours	7	34	83	190	299	461	789	1,022	1,469	1,634	1,850	2,119	2,252
C-76 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	211	205	240	230	204	220	290	399	414	351	294	275	266
Total Direct Man-Hours	1,530	1,592	1,659	1,800	1,786	1,719	1,865	1,757	1,957	1,996	2,144	2,394	2,518
Aver. Hrs. per Direct Worker in Month	184	184	185	197	195	188	203	188	203	195	195	203	188
Direct Workers	8,296	8,652	8,948	9,128	9,159	9,144	9,187	9,293	9,640	10,236	10,995	11,793	13,394
Total Employees	16,942	17,077	17,373	17,728	17,784	17,794	17,862	17,993	18,365	18,986	19,770	20,593	22,219
	OCT.												
A-25 Direct Man-Hours	1,299	1,207	1,043	842	735	743	644	576	344	139	25	—	—
C-46 Direct Man-Hours	21	102	193	304	145	642	690	858	1,002	1,243	1,537	1,702	1,898
All Other Direct Man-Hours	187	202	243	143	99	172	175	204	231	222	258	281	255
Total Direct Man-Hours	1,507	1,511	1,479	1,289	1,279	1,557	1,509	1,638	1,577	1,604	1,820	1,983	2,153
Aver. Hrs. per Direct Worker in Month	177	180	197	195	188	203	188	203	195	195	203	188	195
Direct Workers	8,525	8,394	7,508	6,610	6,803	7,768	8,027	8,069	8,087	8,226	8,966	10,548	11,041
Total Employees	17,230	17,094	16,208	15,310	15,503	16,468	16,727	16,769	16,787	16,991	17,716	19,323	19,841
	NOV.												
A-25 Direct Man-Hours	1,355	1,312	701	234	103	27	—	—	—	—	—	—	—
C-46 Direct Man-Hours	45	155	297	459	720	891	1,202	1,379	1,582	1,840	1,928	2,054	2,150
All Other Direct Man-Hours	203	207	196	193	204	252	270	256	267	267	259	260	260
Total Direct Man-Hours	1,603	1,674	1,194	886	1,027	1,170	1,472	1,635	1,849	2,107	2,187	2,314	2,410
Aver. Hrs. per Direct Worker in Month	186	197	195	188	203	188	203	195	195	203	188	195	195
Direct Workers	8,629	8,497	6,123	4,713	5,059	6,223	7,251	8,385	9,482	10,379	11,633	11,867	12,359
Total Employees	17,589	17,597	15,173	13,713	14,009	15,123	16,101	17,185	18,232	19,079	20,283	20,467	20,909
	DEC.												
A-25 Direct Man-Hours	1,012	652	348	100	27	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	72	174	383	715	891	1,202	1,379	1,582	1,840	1,928	2,054	2,150	2,213
All Other Direct Man-Hours	225	193	187	215	260	272	256	267	267	259	260	260	260
Total Direct Man-Hours	1,309	1,019	918	1,030	1,178	1,474	1,635	1,849	2,107	2,187	2,314	2,410	2,473
Aver. Hrs. per Direct Worker in Month	166	177	170	183	170	183	177	177	183	177	177	177	170
Direct Workers	7,871	5,757	5,400	5,628	6,929	8,056	9,237	10,446	11,514	12,356	13,073	13,616	14,547
Total Employees	17,016	11,884	14,492	14,648	15,877	16,903	17,905	18,939	19,820	20,464	20,986	21,318	21,987
	1944 JAN.												
A-25A Direct Man-Hours	705	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	130	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	210	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,045	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	162	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	6,437	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	15,241	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
A-25 Direct Man-Hours	426	165	45	6	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	248	406	497	711	872	1,059	1,298	1,429	1,599	1,742	1,868	2,049	1,884
All Other Direct Man-Hours	92	117	137	145	174	174	180	177	177	177	167	180	160
Total Direct Man-Hours	766	688	679	862	1,046	1,233	1,478	1,606	1,776	1,919	2,035	2,229	2,044
Aver. Hrs. per Direct Worker in Month	145	172	170	183	177	177	183	177	177	177	170	183	163
Direct Workers	5,272	4,005	3,994	4,710	5,909	6,966	8,069	9,076	10,055	10,850	11,954	12,181	12,540
Total Employees	13,915	12,646	12,644	13,385	14,809	15,668	16,769	17,776	18,755	19,550	20,654	20,881	21,240

CURTISS-WRIGHT CORP., ST. LOUIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
A-25 Direct Man-Hours	124	30	15	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	404	197	711	872	1,059	1,298	1,429	1,599	1,742	1,868	1,868	1,884	2,114
All Other Direct Man-Hours	114	139	151	174	174	180	177	177	177	167	180	160	180
Total Direct Man-Hours	642	666	877	1,046	1,233	1,478	1,606	1,776	1,919	2,035	2,229	2,044	2,294
Aver. Hrs. per Direct Worker in Month	154	170	183	177	177	183	177	177	177	170	183	163	183
Direct Workers	4,274	3,918	4,792	5,909	6,966	8,069	9,076	10,055	10,850	11,954	12,181	12,540	12,540
Total Employees	12,710	12,318	13,292	14,509	15,666	16,769	17,776	18,755	19,550	20,654	20,881	21,240	21,240
	APR.												
C-46 Direct Man-Hours	467	666	800	901	1,026	1,167	1,325	1,429	1,555	1,662	1,553	1,885	1,825
A-25 Direct Man-Hours	27	12	6	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	95	117	120	144	176	194	254	291	232	270	222	165	133
Total Direct Man-Hours	589	795	926	1,045	1,202	1,361	1,579	1,720	1,787	1,932	1,775	2,050	1,958
Aver. Hrs. per Direct Worker in Month	147	165	165	172	183	177	177	177	170	183	163	183	170
Direct Workers	4,010	4,818	5,612	6,076	6,568	7,689	8,921	9,718	10,518	10 557	10,390	11,204	11,518
Total Employees	12,284	13,018	13,862	14,376	14,968	16,189	17,521	18,418	19,218	19 257	19,590	19,904	20,218
	MAY												
C-46 Direct Man-Hours	543	660	825	1,100	1,310	1,355	1,465	1,660	1 805	1,669	1,967	1,847	1,685
A-25A Direct Man-Hours	11	6	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	107	120	144	176	194	254	291	232	270	222	165	133	110
Total Direct Man-Hours	661	780	969	1,276	1,504	1,609	1,756	1,892	2,075	1,891	2,132	1,980	1,795
Aver. Hrs. per Direct Worker in Month	192	198	198	205	198	198	198	192	205	182	205	198	205
Net Direct Employment	3,388	3,939	4,894	6,224	7,595	8,126	8,868	9,854	10,122	10.390	10,400	10,000	8,756
Total Net Employment	11,617	11,764	12,744	14,124	15,545	16,126	16,918	18,004	18,372	18,640	18,650	18,200	16,906
	JUNE												
C-46A Direct Man-Hours	534	560	600	635	715	835	910	1,050	1 060	1,150	1,040	1,085	945
A-25A Direct Man-Hours	3	2	1	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	98	102	131	194	254	291	232	270	222	165	133	110	90
Total Direct Man-Hours	635	664	732	829	969	1,126	1,142	1,320	1 282	1 315	1,173	1,195	1,035
Aver. Hrs. per Direct Worker in Month	171	175	185	192	198	198	190	198	182	205	190	205	198
Net Direct Employment	3,714	3,791	3,957	4,318	4,894	5,687	6,011	6,666	7,043	6 414	6,173	5,829	5,227
Total Net Employment	10,807	10,591	10,857	11,818	12,444	13,287	13,661	14,366	14,743	14,114	13,873	13,429	12,727
	JULY												
C-46A Direct Man-Hours	625	660	670	730	835	910	1,050	1,060	1,150	1,040	1,085	945	645
A-25A Direct Man-Hours	1	1	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	89	132	162	204	185	157	189	176	225	208	225	173	130
Total Direct Man-Hours	715	793	832	934	1,020	1,067	1,239	1,236	1,375	1,248	1,310	1,118	775
Aver. Hrs. per Direct Worker in Month	182	180	173	182	182	175	189	168	189	175	189	182	182
Net Direct Employment	3,925	4,406	4,806	5,131	5,604	6,097	6,555	7,357	7 275	7,131	6,931	6,143	4,258
Total Net Employment	10,434	11,607	12,547	13,031	13,456	13,876	14,255	14,955	14,787	14,557	14,285	13,426	11,433
	AUG.												
C-46 Direct Man-Hours	712	740	799	820	785	751	684	714	428	147	—	—	—
A-25 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	141	146	154	153	87	95	69	70	62	55	40	30	30
Total Direct Man-Hours	854	886	953	973	872	846	753	784	490	202	40	30	30
Aver. Hrs. per Direct Worker in Month	199	186	186	184	184	195	180	203	188	203	195	195	203
Net Direct Employment	4,273	4,760	5,120	5,290	4,750	4,340	4,180	3,860	3,610	994	204	154	148
Total Net Employment	11,276	11,985	12,170	12,136	11,496	10,944	10,618	10,033	8 3 0	3,994	2,454	2,154	2,148
	SEPT.												
C-46 Direct Man-Hours	704	735	770	805	798	702	676	373	115	—	—	—	—
All Other Direct Man-Hours	128	167	161	166	134	95	73	62	82	91	76	56	56
Total Direct Man-Hours	832	902	931	971	932	797	749	435	197	91	76	56	56
Aver. Hrs. per Direct Worker in Month	190	195	195	188	195	180	203	188	203	195	195	203	188
Net Direct Employment	4,381	4,623	4,773	5,164	4,777	4,426	3,689	2,312	970	467	388	276	298
Total Net Employment	11,264	11,070	11,294	11,597	10,802	10 123	8,926	6,812	3 970	2,467	2,388	2,276	2,298
	OCT.												
C-46A Direct Man-Hours	774	742	752	773	702	676	373	115	—	—	—	—	—
All Other Direct Man-Hours	62	150	197	207	150	96	61	73	82	67	47	47	47
Total Direct Man-Hours	836	892	949	980	852	772	434	188	82	67	47	47	47
Aver. Hrs. per Direct Worker in Month	188	195	188	195	180	203	188	203	195	195	203	188	203
Net Direct Employment	4,440	4,575	5,045	5,025	4,732	3,804	2,306	926	421	342	232	250	232
Total Net Employment	11,119	11,118	11,358	10,946	10,301	8,932	6,872	3,926	2,421	2,342	2,232	2,250	2,232
	NOV.												
C-46A Direct Man-Hours	733	752	773	702	676	373	115	—	—	—	—	—	—
All Other Direct Man-Hours	181	226	267	297	319	191	532	578	556	537	477	297	227
Total Direct Man-Hours	913	978	1,040	999	995	761	647	578	556	537	477	297	227

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS WRIGHT CORP., ST. LOUIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 NOV.												
Aver. Hrs. per Direct Worker in Month	196	188	195	180	203	188	203	195	195	203	188	203	188
Net Direct Employment	4,659	4,253	4,331	5,051	4,993	4,062	3,189	2,962	2,851	2,645	2,537	1,463	1,207
Total Net Employment	11,409	11,858	11,862	11,210	10,117	8,261	7,089	5,962	5,651	5,245	5,037	3,463	3,207
	DEC.												
C-46 Direct Man Hours	637	847	723	695	381	116	—	—	—	—	—	—	—
All Other Direct Man Hours	156	290	347	416	494	692	754	557	546	455	436	346	256
Total Direct Man Hours	793	1,137	1,070	1,111	875	808	754	557	546	455	436	346	256
Aver. Hrs. per Direct Worker in Month	159	207	191	205	188	203	195	195	203	188	203	188	188
Net Direct Employment	4,995	5,490	5,599	5,417	4,652	3,981	3,865	2,856	2,690	2,420	2,148	1,840	1,362
Total Net Employment	11,690	12,128	12,093	11,664	10,097	8,590	7,965	6,656	5,990	5,220	4,448	3,840	3,362
	1945 JAN.												
C-46A Direct Man-Hours	—	13	86	180	452	687	741	736	643	659	613	570	577
All Other Direct Man-Hours	1,064	1,085	1,225	995	813	587	431	424	387	342	323	314	309
Total Direct Man-Hours	1,064	1,098	1,311	1,175	1,265	1,274	1,172	1,160	1,030	1,001	936	884	886
Aver. Hrs. per Direct Worker in Month	195	180	202	187	202	195	195	202	187	202	195	187	195
Net Direct Employment	5,465	6,098	6,488	6,282	6,263	6,531	6,008	5,742	5,509	4,957	4,800	4,725	4,545
Total Net Employment	12,244	12,936	13,321	13,052	12,986	13,154	12,535	11,932	11,389	10,207	9,800	9,525	9,145
	FEB.												
C-46E Direct Man-Hours	—	118	216	562	784	757	719	631	646	603	561	567	493
All Other Direct Man-Hours	1,022	1,229	1,032	823	574	441	445	405	386	276	104	21	19
Total Direct Man-Hours	1,022	1,347	1,248	1,385	1,358	1,198	1,164	1,036	1,032	879	665	588	512
Aver. Hrs. per Direct Worker in Month	174	200	185	203	193	193	200	185	200	193	185	193	178
Net Direct Employment	5,886	6,735	6,745	6,923	7,034	6,208	5,821	5,601	5,162	4,555	3,593	3,045	2,876
Total Net Employment	12,846	13,530	13,465	13,473	13,289	12,308	11,821	11,301	10,362	9,155	7,293	6,145	5,976
	MAR.												
C-46E Direct Man-Hours	104	271	543	573	585	580	502	509	467	434	231	390	400
All Other Direct Man-Hours	1,026	824	639	451	439	461	437	424	299	120	226	26	27
Total Direct Man-Hours	1,130	1,095	1,182	1,024	1,024	1,041	939	933	766	554	457	416	427
Aver. Hrs. per Direct Worker in Month	189	185	200	193	193	200	185	200	193	185	193	178	193
Net Direct Employment	5,968	5,919	5,910	5,304	5,306	5,203	5,078	4,664	3,968	2,996	2,366	2,334	2,210
Total Net Employment	12,827	12,422	12,056	11,004	10,806	10,503	10,178	9,464	8,168	6,596	5,666	5,434	5,210
	APR.												
C-46E Direct Man-Hours	127	400	538	565	567	503	535	501	472	481	433	435	378
All Other Direct Man-Hours	749	665	434	384	398	379	364	262	108	14	13	15	14
Total Direct Man-Hours	876	1,065	972	949	965	882	899	763	580	495	446	450	392
Aver. Hrs. per Direct Worker in Month	149	190	193	193	200	185	200	193	185	193	178	193	193
Net Direct Employment	5,892	5,603	5,038	4,917	4,824	4,769	4,493	3,952	3,134	2,565	2,506	2,330	2,032
Total Net Employment	12,548	11,903	11,038	10,617	10,124	9,769	9,293	8,152	6,934	6,165	5,906	5,530	5,032
	MAY												
C-46E Direct Man-Hours	341	129	29	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	707	235	27	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,048	364	56	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	192	170	160	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	5,449	2,140	349	—	—	—	—	—	—	—	—	—	—
Total Net Employment	11,850	6,390	2,099	—	—	—	—	—	—	—	—	—	—
	JUNE												
C-46E Direct Man-Hours	305	135	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	330	115	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	635	250	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	171	160	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	3,715	1,563	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	8,460	3,763	—	—	—	—	—	—	—	—	—	—	—

DOUGLAS, CHICAGO

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
C-54A Direct Man-Hours	29	104	198	281	368	467	644	762	931	1,134	1,377	1,667	1,884
All Other Direct Man-Hours	—	4	18	26	35	46	63	74	91	113	134	165	186
Total Direct Man-Hours	29	108	216	307	403	513	707	836	1,022	1,247	1,511	1,832	2,070
Aver. Hrs. per Direct Worker in Month	196	176	198	191	191	183	196	191	191	191	191	191	191
Direct Workers	154	620	1,100	1,625	2,125	2,810	3,580	4,400	5,375	6,530	7,950	9,630	10,880
Total Employees	1,619	1,970	3,100	4,125	5,125	6,410	7,780	9,100	10,475	12,050	13,850	15,730	17,080
	1943 FEB.												
C-54A Direct Man-Hours	12	122	235	370	468	646	766	936	1,138	1,384	1,674	1,892	1,951
All Other Direct Man-Hours	0	12	23	36	46	63	74	91	113	134	165	186	196
Total Direct Man-Hours	42	134	258	406	514	709	840	1,027	1,251	1,518	1,839	2,078	2,147
Aver. Hrs. per Direct Worker in Month	149	198	191	191	183	198	191	191	191	191	191	191	183
Direct Workers	281	675	1,350	2,125	2,810	3,580	4,400	5,375	6,550	7,950	9,630	11,580	11,730
Total Employees	2,462	3,375	4,450	5,525	6,560	7,780	9,100	10,475	12,050	13,850	15,730	17,080	17,930
	MAR.												
C-54A Direct Man-Hours	114	208	331	448	646	766	936	1,138	1,384	1,674	1,892	1,951	2,111
All Other Direct Man-Hours	0	12	32	46	63	74	91	113	134	165	186	196	212
Total Direct Man-Hours	114	220	363	494	709	840	1,027	1,251	1,518	1,839	2,078	2,147	2,323
Aver. Hrs. per Direct Worker in Month	222	191	191	183	198	191	191	191	191	191	191	183	198
Direct Workers	514	1,150	1,900	2,700	3,580	4,400	5,375	6,550	7,950	9,630	10,880	11,730	11,730
Total Employees	3,264	4,150	5,300	6,500	7,780	9,100	10,475	12,050	13,850	15,730	17,080	17,930	17,930
	APR.												
C-54A Direct Man-Hours	227	325	500	758	1,019	1,353	1,685	1,934	2,090	2,144	2,055	2,220	2,055
All Other Direct Man-Hours	0	24	50	76	102	135	168	193	209	214	206	222	206
Total Direct Man-Hours	227	349	550	834	1,121	1,488	1,853	2,127	2,299	2,358	2,261	2,442	2,261
Aver. Hrs. per Direct Worker in Month	222	195	195	202	195	195	195	195	195	195	187	202	187
Direct Workers	1,021	1,790	2,820	4,130	5,750	7,630	9,500	10,910	11,790	12,090	12,090	12,090	12,090
Total Employees	4,786	6,165	8,010	9,830	11,940	14,240	16,440	18,120	19,200	19,560	19,560	19,560	19,560
	MAY												
C-54A Direct Man-Hours	343	500	758	1,019	1,353	1,685	1,934	2,090	2,144	2,055	2,220	2,055	2,220
All Other Direct Man-Hours	0	50	76	102	135	168	193	209	214	206	222	206	222
Total Direct Man-Hours	343	550	834	1,121	1,488	1,853	2,127	2,299	2,358	2,261	2,442	2,261	2,442
Aver. Hrs. per Direct Worker in Month	198	195	202	195	195	195	195	195	195	187	202	187	202
Direct Workers	1,731	2,820	4,130	5,750	7,630	9,500	10,910	11,790	12,090	12,090	12,090	12,090	12,090
Total Employees	6,355	8,010	9,830	11,940	14,240	16,440	18,120	19,200	19,560	19,560	19,560	19,560	19,560
	JUNE												
C-54A Direct Man-Hours	511	736	914	1,118	1,359	1,600	1,873	2,109	2,250	2,618	2,482	2,700	2,618
All Other Direct Man-Hours	29	74	91	112	136	160	187	211	225	262	248	270	262
Total Direct Man-Hours	540	810	1,005	1,230	1,495	1,760	2,060	2,320	2,475	2,880	2,730	2,970	2,880
Aver. Hrs. per Direct Worker in Month	224	232	223	223	223	223	223	223	215	232	215	232	223
Direct Workers	2,552	3,500	4,500	5,500	6,700	7,900	9,200	10,400	11,500	12,400	12,700	12,800	12,800
Total Employees	8,051	9,600	11,000	12,300	13,700	15,000	16,400	17,600	18,700	19,600	19,900	20,000	20,000
	JULY												
C-54A Direct Man-Hours	807	943	1,130	1,361	1,600	1,873	2,109	2,250	2,618	2,482	2,700	2,618	2,618
All Other Direct Man-Hours	20	62	100	134	160	187	211	225	262	248	270	262	262
Total Direct Man-Hours	827	1,005	1,230	1,495	1,760	2,060	2,320	2,475	2,880	2,730	2,970	2,880	2,880
Aver. Hrs. per Direct Worker in Month	240	223	223	223	223	223	223	215	232	215	232	223	223
Direct Workers	3,436	4,500	5,500	6,700	7,900	9,200	10,400	11,500	12,400	12,700	12,800	12,800	12,800
Total Employees	9,621	11,000	12,300	13,700	15,000	16,400	17,600	18,700	19,600	19,900	20,000	20,000	20,000
	AUG.												
C-54A Direct Man-Hours	855	908	1,035	1,162	1,289	1,416	1,543	1,669	1,796	1,933	2,051	2,168	2,227
All Other Direct Man-Hours	12	101	115	129	143	157	171	186	200	215	228	241	247
Total Direct Man-Hours	867	1,009	1,150	1,291	1,432	1,573	1,714	1,855	1,996	2,148	2,279	2,409	2,474
Aver. Hrs. per Direct Worker in Month	202	217	217	217	217	217	217	217	217	217	217	217	217
Direct Workers	4,294	4,650	5,300	5,950	6,600	7,250	7,900	8,550	9,200	9,900	10,500	11,100	11,400
Total Employees	10,591	11,300	12,200	13,050	13,800	14,450	15,100	15,750	16,400	17,100	17,700	18,300	18,600
	SEPT.												
C-54A Direct Man-Hours	958	1,110	1,201	1,289	1,416	1,543	1,669	1,796	1,933	2,051	2,168	2,227	2,265
All Other Direct Man-Hours	15	40	90	143	157	171	186	200	215	228	241	247	252
Total Direct Man-Hours	973	1,150	1,291	1,432	1,573	1,714	1,855	1,996	2,148	2,279	2,409	2,474	2,517
Aver. Hrs. per Direct Worker in Month	213	217	217	217	217	217	217	217	217	217	217	217	217
Direct Workers	4,560	5,300	5,950	6,600	7,250	7,900	8,550	9,200	9,900	10,500	11,100	11,400	11,600
Total Employees	11,065	12,150	13,050	13,800	14,450	15,100	15,750	16,400	17,100	17,700	18,300	18,600	18,800
	OCT.												
C-54A Direct Man-Hours	1,038	1,133	1,328	1,601	1,914	2,265	2,442	2,442	2,442	2,442	2,442	2,442	2,442
All Other Direct Man-Hours	25	126	148	178	213	252	271	271	271	271	271	271	271
Total Direct Man-Hours	1,063	1,259	1,476	1,779	2,127	2,517	2,713	2,713	2,713	2,713	2,713	2,713	2,713
Aver. Hrs. per Direct Worker in Month	213	217	217	217	217	217	217	217	217	217	217	217	217
Direct Workers	4,992	5,800	6,800	8,200	9,800	11,600	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Total Employees	11,735	12,900	14,000	15,400	17,000	18,800	19,700	19,700	19,700	19,700	19,700	19,700	19,700
	NOV.												
C-54A Direct Man-Hours	1,082	1,353	1,565	1,844	2,142	2,422	2,627	2,683	2,683	2,683	2,683	2,683	2,683
All Other Direct Man-Hours	35	75	174	205	238	269	292	298	298	298	298	298	298
Total Direct Man-Hours	1,117	1,428	1,739	2,049	2,380	2,691	2,919	2,981	2,981	2,981	2,981	2,981	2,981

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)[1]

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, CHICAGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs. per Direct Worker in Month	200	207	207	207	207	207	207	207	207	207	207	207	207
Direct Workers	5,578	6,300	8,400	9,900	11,300	13,000	14,100	14,400	14,400	14,400	14,400	14,400	11,400
Total Employees	12,396	14,100	15,600	17,100	18,700	20,200	21,300	21,600	21,600	21,600	21,600	21,600	21,600
	DEC.												
C-54A Direct Man-Hours	1,245	1,297	1,498	1,736	2,028	2,302	2,540	2,668	2,704	2,704	2,704	2,704	2,303
All Other Direct Man-Hours	40	144	167	193	225	256	282	296	300	300	300	300	278
Total Direct Man-Hours	1,285	1,441	1,665	1,929	2,253	2,558	2,822	2,964	3,004	3,004	3,004	3,004	2,781
Aver. Hrs. per Direct Worker in Month	203	205	205	205	205	205	205	205	205	205	205	205	205
Direct Workers	6,339	7,100	8,200	9,500	11,100	12,600	13,900	14,600	14,800	14,800	14,800	14,800	13,700
Total Employees	13,995	14,800	15,900	17,200	18,800	20,300	21,600	22,300	22,500	22,500	22,500	22,500	21,400
	1944 JAN.[2]												
C-54A Direct Man-Hours	1,339	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	30	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,369	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	194	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	7,065	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	14,632	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
C-54A Direct Man-Hours	1,407	1,512	1,620	1,710	1,818	1,926	2,034	2,142	2,250	2,340	2,430	2,430	2,430
All Other Direct Man-Hours	25	168	180	190	202	214	226	238	250	260	270	270	270
Total Direct Man-Hours	1,432	1,680	1,800	1,900	2,020	2,140	2,260	2,380	2,500	2,600	2,700	2,700	2,700
Aver. Hrs. per Direct Worker in Month	189	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	7,593	8,400	9,000	9,500	10,100	10,700	11,300	11,900	12,500	13,000	13,500	13,500	13,500
Total Employees	15,081	16,000	16,700	17,200	17,800	18,400	19,000	19,600	20,200	20,700	21,200	21,200	21,200
	MAR.												
C-54A Direct Man-Hours	1,503	1,357	1,604	1,685	1,765	1,932	1,957	2,059	2,134	2,160	2,333	2,074	2,333
All Other Direct Man-Hours	30	151	178	187	196	215	217	229	237	240	259	230	259
Total Direct Man-Hours	1,533	1,508	1,782	1,872	1,961	2,147	2,174	2,288	2,371	2,400	2,592	2,304	2,592
Aver. Hrs. per Direct Worker in Month	215	200	216	208	208	216	208	208	208	200	216	192	216
Direct Workers	7,127	7,540	8,250	9,000	9,430	9,940	10,450	11,000	11,400	12,000	12,000	12,000	12,000
Total Employees	14,874	15,700	16,500	17,300	17,800	18,400	19,000	19,600	20,000	20,600	20,600	20,600	20,600
	APR.												
C-54A Direct Man-Hours	1,445	1,501	1,537	1,633	1,808	1,861	1,957	2,059	2,052	2,333	2,074	2,333	2,160
All Other Direct Man-Hours	28	167	171	182	201	207	217	229	228	259	230	259	240
Total Direct Man-Hours	1,473	1,668	1,708	1,815	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400
Aver. Hrs. per Direct Worker in Month	206	216	208	208	216	208	208	208	200	216	192	216	200
Direct Workers	7,147	7,720	8,210	8,725	9,300	9,940	10,450	11,000	11,400	12,000	12,000	12,000	12,000
Total Employees	14,856	15,600	16,300	17,000	17,700	18,400	19,000	19,600	20,000	20,600	20,600	20,600	20,600
	MAY												
C-54 Direct Man-Hours	1,482	1,708	1,815	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,482	1,708	1,815	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592
Aver. Hrs. per Direct Worker in Month	209	208	208	216	208	208	208	200	216	192	216	200	216
Net Direct Employment	7,090	8,212	8,726	9,301	9,942	10,452	11,000	11,400	12,000	12,000	12,000	12,000	12,000
Total Net Employment	15,414	16,532	17,231	17,931	18,632	19,232	19,830	20,230	20,830	20,830	20,830	20,830	20,830
	JUNE												
C-54 Direct Man-Hours	1,460	1,815	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,460	1,815	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496
Aver. Hrs. per Direct Worker in Month	204	208	216	208	208	208	200	216	192	216	200	216	208
Net Direct Employment	7,148	8,725	9,301	9,942	10,452	11,000	11,400	12,000	12,000	12,000	12,000	12,000	12,000
Total Net Employment	15,485	17,250	17,971	18,697	19,307	19,905	20,310	20,915	20,905	20,900	20,890	20,890	20,890
	JULY												
C-54 Direct Man-Hours	1,478	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,592
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,478	2,009	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,592
Aver. Hrs. per Direct Worker in Month	204	216	208	208	208	200	216	192	216	200	216	208	216
Net Direct Employment	7,235	9,300	9,940	10,450	11,000	11,400	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Total Net Employment	15,666	17,976	18,697	19,308	19,911	20,316	20,895	20,887	20,886	20,876	20,873	20,875	20,847
	AUG.												
C-54 Direct Man-Hours	1,517	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,592	2,592
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,517	2,068	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,592	2,592

DOUGLAS, CHICAGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
Aver. Hrs. per Direct Worker in Month	206	208	208	208	200	216	192	216	200	216	208	216	216
Net Direct Employment	7,356	9,940	10,450	11,000	11,400	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Total Net Employment	15,703	18,697	19,308	19,911	20,316	20,895	20,887	20,886	20,876	20,873	20,875	20,879	20,845
	SEPT.												
C-54 Direct Man-Hours	1,492	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,496	2,592	2,400
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,492	2,174	2,288	2,280	2,592	2,304	2,592	2,400	2,592	2,496	2,496	2,592	2,400
Aver. Hrs. per Direct Worker in Month	200	208	208	200	216	192	216	200	216	200	208	216	200
Net Direct Employment	7,463	10,450	11,000	11,400	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Total Net Employment	15,749	19,322	19,924	20,326	20,904	20,895	20,892	20,886	20,885	20,886	20,859	20,858	20,856
	OCT.												
C-54 Direct Man-Hours	1,611	2,371	2,300	2,506	2,246	2,538	2,360	2,419	2,163	2,038	1,987	1,730	1,814
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,611	2,371	2,300	2,506	2,246	2,538	2,360	2,419	2,163	2,038	1,987	1,730	1,814
Aver. Hrs. per Direct Worker in Month	204	208	200	216	192	216	200	216	208	208	216	200	216
Net Direct Employment	7,888	11,400	11,500	11,600	11,700	11,750	11,800	11,200	10,400	9,800	9,200	8,650	8,400
Total Net Employment	15,933	19,000	19,200	19,400	19,600	19,700	19,800	19,150	18,300	17,650	17,000	16,350	16,000
	NOV.												
C-54 Direct Man-Hours	1,685	1,630	1,810	1,640	1,872	1,758	1,918	1,862	1,882	1,978	1,848	2,011	1,955
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,685	1,630	1,810	1,640	1,872	1,758	1,918	1,862	1,882	1,978	1,848	2,011	1,955
Aver. Hrs. per Direct Worker in Month	200	189	204	182	204	189	204	196	196	204	189	204	196
Net Direct Employment	8,442	8,624	8,873	9,011	9,180	9,300	9,400	9,500	9,600	9,690	9,780	9,870	9,960
Total Net Employment	16,192	16,374	16,623	16,761	16,930	17,050	17,150	17,250	17,350	17,440	17,530	17,620	17,710
	DEC.												
C-54 Direct Man-Hours	1,640	1,810	1,640	1,872	1,758	1,918	1,862	1,882	1,978	1,848	2,011	1,955	1,880
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,640	1,810	1,640	1,872	1,758	1,918	1,862	1,882	1,978	1,848	2,011	1,955	1,880
Aver. Hrs. per Direct Worker in Month	190	204	182	204	189	204	196	196	204	189	204	196	189
Net Direct Employment	8,630	8,873	9,011	9,180	9,300	9,400	9,500	9,600	9,690	9,780	9,858	9,974	9,947
Total Net Employment	16,397	16,600	16,790	16,930	17,050	17,150	17,250	17,350	17,440	17,530	17,620	17,710	17,710
	1945 JAN.												
C-54 Direct Man-Hours	1,857	1,647	1,876	1,777	1,948	1,901	1,931	2,040	1,823	1,897	1,764	1,653	1,734
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,857	1,647	1,876	1,777	1,948	1,901	1,931	2,040	1,823	1,897	1,764	1,653	1,734
Aver. Hrs. per Direct Worker in Month	210	182	204	189	204	196	196	204	189	204	196	189	204
Net Direct Employment	8,853	9,050	9,200	9,400	9,550	9,700	9,850	10,000	9,650	9,300	9,000	8,750	8,500
Total Net Employment	16,721	16,800	16,950	17,150	17,300	17,450	17,600	17,750	17,400	17,050	16,750	16,500	16,250
	FEB.												
C-54 Direct Man-Hours	1,654	1,876	1,777	1,948	1,901	1,931	2,040	1,823	1,897	1,764	1,653	1,734	1,502
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,654	1,876	1,777	1,948	1,901	1,931	2,040	1,823	1,897	1,764	1,653	1,734	1,502
Aver. Hrs. per Direct Worker in Month	181	204	189	204	196	196	204	189	204	196	189	204	182
Net Direct Employment	9,146	9,200	9,400	9,550	9,700	9,850	10,000	9,650	9,300	9,000	8,750	8,500	8,250
Total Net Employment	17,153	16,950	17,150	17,300	17,450	17,600	17,750	17,400	17,050	16,750	16,500	16,250	16,000
	MAR.												
C-54 Direct Man-Hours	1,795	1,747	1,912	1,856	1,867	1,975	1,869	2,048	1,945	1,802	1,900	1,642	1,685
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,795	1,747	1,912	1,856	1,867	1,975	1,869	2,048	1,945	1,802	1,900	1,642	1,685
Aver. Hrs. per Direct Worker in Month	197	189	204	196	196	204	189	204	196	189	204	182	196
Net Direct Employment	9,116	9,248	9,375	9,470	9,530	9,680	9,890	10,040	9,924	9,536	9,314	9,026	8,597
Total Net Employment	17,151	17,234	17,353	17,412	17,418	17,574	17,826	17,983	17,876	17,479	17,280	16,982	16,517
	APR.												
C-54 Direct Man-Hours	1,643	1,941	1,885	1,899	2,024	1,919	2,098	1,981	1,852	1,944	1,665	1,695	1,449
All Other Direct Man-Hours	33	37	37	37	37	37	37	37	37	20	3	3	3
Total Direct Man-Hours	1,676	1,978	1,922	1,936	2,061	1,956	2,135	2,018	1,889	1,964[3]	1,668	1,698	1,452
Aver. Hrs. per Direct Worker in Month	187	204	196	196	204	189	204	196	189	204	182	196	189
Net Direct Employment	8,963	9,696	9,806	9,878	10,103	10,349	10,466	10,296	9,905	9,137	9,165	8,663	7,683
Total Net Employment	16,953	17,605	17,683	17,704	17,947	18,244	18,372	18,228	17,909	16,738	16,368	15,574	13,811
	MAY												
C-54 Direct Man-Hours	1,750	1,854	1,851	1,937	1,807	1,954	1,850	1,748	1,899	1,666	1,742	1,355	1,095
All Other Direct Man-Hours	39	37	37	37	37	37	37	37	20	3	3	3	3
Total Direct Man-Hours	1,789	1,891	1,888	1,974	1,844	1,991	1,887	1,785	1,919	1,669	1,745	1,358	1,098

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

(Direct Man Hours, Average Direct Hours per Month, Direct and Total Employment)

DOUGLAS, CHICAGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast or Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
Aver. Hrs. per Direct Worker in Month	202	196	196	204	189	204	196	189	204	182	196	189	201
Net Direct Employment	8,864	9,647	9,632	9,679	9,758	9,758	9,630	9,442	9,408	9,173	8,903	7,185	5,382
Total Net Employment	16,832	17,628	17,565	17,619	17,744	17,748	17,650	17,447	17,139	16,478	15,938	12,690	10,278
	JUNE												
C-54 Direct Man Hours	1,705	1,855	2,047	1,914	2,078	1,933	1,854	2,024	1,803	1,888	1,433	1,201	1,222
All Other Direct Man-Hours	40	37	37	37	37	37	37	20	3	3	3	3	3
Total Direct Man-Hours	1,745	1,892	2,084	1,951	2,115	1,970	1,891	2,044	1,806	1,891	1,436	1,204	1,225
Aver. Hrs. per Direct Worker in Month	200	196	204	189	204	196	189	204	182	196	189	204	196
Net Direct Employment	8,716	9,651	10,215	10,322	10,369	10,053	10,006	10,019	9,925	9,650	7,600	5,900	6,250
Total Net Employment	16,625	17,585	18,189	18,344	18,398	18,100	18,047	17,789	17,378	16,683	13,745	10,957	10,929

DOUGLAS, EL SEGUNDO

	1943 JAN.												
SBD Direct Man-Hours	1,395	1,380	1,620	1,655	1,745	1,771	1,792	1,713	1,527	1,180	797	513	250
SB2D Direct Man Hours	40	48	69	80	95	117	199	262	438	644	892	1,198	1,362
All Other Direct Man Hours	411	339	393	344	347	354	387	387	390	379	375	394	399
Total Direct Man-Hours	1,846	1,767	2,082	2,079	2,187	2,242	2,378	2,362	2,353	2,203	2,064	2,105	2,011
Aver. Hrs. per Direct Worker in Month	N.R.	180	202	195	195	195	202	195	195	195	195	202	195
Direct Workers	9,470	9,819	10,307	10,658	11,217	11,499	11,730	12,100	12,070	11,300	10,570	10,420	10,310
Total Employees	18,422	18,902	19,841	20,517	21,593	22,136	22,550	23,260	23,200	21,730	20,330	20,030	19,820
	FEB.												
SBD Direct Man-Hours	1,315	1,482	1,508	1,522	1,558	1,612	1,542	1,385	1,178	890	512	200	27
SB2D Direct Man-Hours	39	58	85	147	194	350	484	605	824	1,056	1,473	1,703	1,795
All Other Direct Man-Hours	348	399	418	418	436	487	492	514	525	549	565	567	544
Total Direct Man-Hours	1,702	1,939	2,011	2,087	2,188	2,449	2,518	2,504	2,527	2,495	2,550	2,470	2,366
Aver. Hrs. per Direct Worker in Month	187	202	195	195	195	202	195	195	195	195	202	195	187
Direct Workers	9,104	9,570	10,310	10,610	11,220	12,124	12,913	12,845	12,959	12,795	12,624	12,660	12,647
Total Employees	18,973	19,523	21,032	21,644	22,889	24,433	26,343	26,205	26,476	26,102	25,753	25,826	25,800
	MAR.												
SBD Direct Man-Hours	1,542	1,530	1,546	1,558	1,612	1,542	1,385	1,178	890	512	200	27	—
SB2D Direct Man-Hours	59	90	140	194	350	484	605	824	1,056	1,473	1,703	1,795	1,909
All Other Direct Man-Hours	432	409	409	415	465	469	490	500	522	537	540	517	527
Total Direct Man-Hours	2,033	2,029	2,095	2,167	2,427	2,495	2,480	2,502	2,468	2,522	2,443	2,339	2,436
Aver. Hrs. per Direct Worker in Month	197	195	195	195	202	195	195	195	195	202	195	187	202
Direct Workers	10,320	10,405	10,745	11,113	12,015	12,795	12,718	12,831	12,656	12,465	12,528	12,509	12,059
Total Employees	20,478	20,945	21,676	22,693	24,935	26,725	26,543	26,791	26,426	26,025	26,158	26,109	25,169
	APR.												
SBD Direct Man-Hours	1,518	1,540	1,560	1,612	1,542	1,385	1,178	890	512	200	27	—	—
SB2D Direct Man-Hours	60	80	150	350	484	605	824	1,056	1,473	1,703	1,795	1,909	1,750
All Other Direct Man-Hours	386	404	417	475	469	490	500	522	537	540	517	527	469
Total Direct Man-Hours	1,959	2,024	2,127	2,437	2,495	2,480	2,502	2,468	2,522	2,443	2,339	2,436	2,219
Aver. Hrs. per Direct Worker in Month	191	195	195	202	195	195	195	195	202	195	187	202	187
Direct Workers	10,262	10,380	10,930	12,040	12,795	12,718	12,831	12,656	12,465	12,528	12,509	12,059	11,866
Total Employees	20,307	20,660	21,830	24,340	25,985	26,238	26,791	26,426	26,025	26,158	26,109	25,169	24,746
	MAY												
SBD Direct Man-Hours	1,521	1,490	1,510	1,430	1,203	1,024	775	446	174	25	—	—	—
SB2D Direct Man-Hours	71	120	220	480	640	800	1,030	1,420	1,650	1,750	1,840	1,677	1,800
All Other Direct Man-Hours	272	243	275	315	324	352	371	393	423	483	473	443	463
Total Direct Man-Hours	1,864	1,853	2,005	2,225	2,167	2,176	2,176	2,259	2,247	2,258	2,313	2,120	2,263
Aver. Hrs. per Direct Worker in Month	191	195	202	195	195	195	195	202	195	187	202	187	202
Direct Workers	9,757	9,503	9,935	11,410	11,120	11,159	11,159	11,183	11,527	12,075	11,450	11,313	11,203
Total Employees	19,910	19,803	20,845	24,264	23,320	23,429	23,429	23,473	24,187	25,350	24,040	23,743	23,513
	JUNE												
SBD Direct Man-Hours	1,520	1,580	1,620	1,620	1,590	1,510	1,280	1,030	880	765	520	505	190
SB2D Direct Man-Hours	86	150	200	300	345	430	580	730	941	1,120	1,200	1,470	1,490
All Other Direct Man-Hours	222	254	289	317	325	323	319	339	316	315	327	336	268
Total Direct Man-Hours	1,828	1,984	2,109	2,237	2,260	2,263	2,179	2,099	2,037	2,200	2,047	2,311	1,948
Aver. Hrs. per Direct Worker in Month	195	202	195	195	195	195	202	195	187	202	187	202	195
Direct Workers	9,376	9,822	10,815	11,472	11,590	11,605	10,787	10,764	10,893	10,891	10,947	11,441	9,990
Total Employees	20,050	20,642	22,715	24,028	24,274	24,302	22,599	22,551	22,821	22,817	22,935	23,969	20,929
	JULY												
SBD Direct Man-Hours	1,442	1,290	1,221	1,160	1,102	1,005	955	870	855	710	630	456	390
SB2D Direct Man-Hours	105	118	148	178	208	271	390	500	675	750	958	1,062	1,189
All Other Direct Man-Hours	208	230	224	223	224	236	243	252	282	287	297	290	294
Total Direct Man-Hours	1,755	1,638	1,593	1,561	1,534	1,512	1,588	1,622	1,812	1,747	1,885	1,808	1,873

DOUGLAS, TULSA

ITEM	Report Month (Actual)	Forecast or Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
Aver. Hrs. per Direct Worker in Month	191	190	192	195	211	202	195	—	205	187	—	192	—
Direct Workers	9,201	8,671	8,297	8,005	7,867	8,011	8,144	8,614	8,911	9,142	—	9,172	—
Total Employees	20,222	18,963	18,207	17,595	17,288	17,611	17,804	18,477	—	—	—	—	—
	AUG.												
SBD Direct Man-Hours	1,249	1,190	1,120	1,070	1,055	935	860	845	765	715	—	340	225
SB2D Direct Man-Hours	117	130	180	220	265	300	500	680	945	1,160	—	1,310	1,380
All Other Direct Man-Hours	206	193	211	216	233	240	271	289	280	296	—	298	302
Total Direct Man-Hours	1,572	1,513	1,506	1,506	1,553	1,475	1,631	1,814	1,990	2,171	1,696	1,948	1,907
Aver. Hrs. per Direct Worker in Month	181	185	190	190	195	187	202	187	202	195	195	202	195
Direct Workers	8,705	8,178	7,926	7,926	7,964	8,069	8,072	8,980	9,342	9,779	9,570	9,579	9,779
Total Employees	19,664	18,318	17,596	17,596	17,364	17,132	17,272	19,220	19,582	20,110	20,110	20,117	—
	SEPT.												
SBD Direct Man-Hours	1,142	1,110	1,070	1,055	935	860	845	765	715	715	385	340	225
BTD Direct Man-Hours	118	110	200	225	320	450	600	750	990	1,190	1,210	1,310	1,380
All Other Direct Man-Hours	181	181	186	193	237	251	279	292	296	289	293	302	298
Total Direct Man-Hours	1,441	1,401	1,456	1,483	1,492	1,561	1,724	1,747	1,915	1,834	1,888	1,952	1,903
Aver. Hrs. per Direct Worker in Month	178	85	185	190	195	187	202	187	202	195	195	202	195
Direct Workers	8,092	7,735	7,570	7,805	7,636	8,348	8,535	9,342	9,480	9,405	9,682	9,663	9,759
Total Employees	18,924	18,155	18,120	17,555	17,236	17,858	17,940	19,618	19,908	19,751	20,332	20,292	20,494
	OCT.[2]												
SBD Direct Man-Hours	1,130	—	—	—	—	—	—	—	—	—	—	—	—
BTD Direct Man-Hours	119	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	154	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,403	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	178	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	7,892	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	18,198	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
SBD Direct Man-Hours	1,141	1,085	982	905	887	740	661	468	412	363	210	86	—
BTD Direct Man-Hours	157	236	336	463	630	788	1,010	1,184	1,270	1,375	1,386	1,354	1,025
All Other Direct Man-Hours	150	169	192	208	246	294	313	304	309	318	287	258	192
Total Direct Man-Hours	1,448	1,490	1,510	1,576	1,763	1,822	1,984	1,956	1,991	2,056	1,883	1,698	1,217
Aver. Hrs. per Direct Worker in Month	189	190	192	190	205	190	205	198	198	205	198	198	198
Direct Workers	7,676	7,842	7,865	8,295	8,600	9,589	9,665	9,875	10,056	10,029	9,510	8,576	6,146
Total Employees	17,259	17,422	17,455	17,915	18,250	19,274	19,427	19,849	20,212	20,158	19,115	17,238	12,353
	DEC.												
SBD Direct Man-Hours	962	766	709	741	655	646	554	471	408	350	261	105	—
BTD Direct Man-Hours	216	299	465	684	894	1,103	1,234	1,401	1,584	1,630	1,689	1,688	1,667
TB2D-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	22	60	98
All Other Direct Man-Hours	189	201	240	331	383	499	516	510	536	524	491	421	360
Total Direct Man-Hours	1,367	1,266	1,414	1,756	1,932	2,248	2,304	2,382	2,528	2,504	2,463	2,274	2,125
Aver. Hrs. per Direct Worker in Month	218	203	195	211	195	211	203	203	211	203	203	203	195
Direct Workers	6,282	6,236	7,251	8,322	9,908	10,654	11,350	11,734	11,981	12,335	12,133	11,202	10,897
Total Employees	14,688	13,844	15,662	17,643	19,915	21,415	22,814	21,935	24,081	24,793	24,387	22,516	21,903
	1944 JAN.[3]												
SBD Direct Man-Hours	835	—	—	—	—	—	—	—	—	—	—	—	—
BTD Direct Man-Hours	223	—	—	—	—	—	—	—	—	—	—	—	—
TB2D Direct Man-Hours	0	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	191	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,249	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	214	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	5,830	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	13,712	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
SBD Direct Man-Hours	693	741	655	646	554	471	408	350	261	105	—	—	—
BTD Direct Man-Hours	251	684	894	1,103	1,234	1,401	1,584	1,630	1,689	1,688	1,667	1,668	1,440
TB2D-1 Direct Man-Hours	—	—	—	—	—	—	—	22	60	98	146	156	156
All Other Direct Man-Hours	194	347	400	517	533	527	551	536	500	426	362	339	292
Total Direct Man-Hours	1,138	1,772	1,949	2,266	2,321	2,399	2,543	2,516	2,472	2,279	2,127	2,153	1,888
Aver. Hrs. per Direct Worker in Month	213	211	195	211	203	203	211	203	203	203	195	211	187
Direct Workers	5,350	8,398	9,995	10,739	11,433	11,818	12,052	12,394	12,177	11,227	10,908	10,203	10,096
Total Employees	13,208	17,806	20,090	21,585	22,980	23,754	24,225	24,912	24,476	22,566	21,925	20,508	20,293
	MAR.												
SBD Direct Man-Hours	519	655	646	554	471	408	350	261	105	—	—	—	—
BTD Direct Man-Hours	330	894	1,103	1,234	1,401	1,584	1,630	1,689	1,688	1,667	1,668	1,440	1,580
TB2D-1 Direct Man-Hours	—	—	—	—	—	—	—	22	60	98	146	156	212

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands) Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, EL SEGUNDO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
All Other Direct Man-Hours	228	171	171	137	118	192	190	173	127	375	339	314	356
Total Direct Man-Hours	1,027	1,870	2,173	2,320	2,484	2,470	2,445	2,280	2,140	2,173	1,910	2,148	
Aver. Hrs. per Direct Worker in Month	220	211	211	203	203	211	203	203	203	195	211	187	211
Direct Workers	4,697	8,861	10,303	11,429	12,233	11,773	12,167	12,044	11,232	10,971	10,209	10,214	10,180
Total Employees	12,552	19,276	21,699	22,012	22,972	23,661	24,156	24,208	22,576	22,058	20,701	20,530	20,462
	APR.												
SBD Direct Man Hours	362	265	206	87									
BTD Direct Man-Hours	357	566	622	688	820	924	1,061	1,192	1,327	1,522	1,476	1,762	1,667
BT2D Direct Man-Hours	----						2	17	36	57	69	125	189
All Other Direct Man-Hours	213	398	391	363	373	381	364	347	324	354	332	387	360
Total Direct Man Hours	932	1,229	1,219	1,138	1,193	1,305	1,427	1,556	1,687	1,933	1,877	2,274	2,216
Aver. Hrs. per Direct Worker in Month	210	225	217	217	225	217	217	217	217	225	200	225	208
Direct Workers	4,448	5,462	5,618	5,242	5,302	6,014	6,576	7,171	7,774	8,591	9,385	10,107	10,653
Total Employees	12,038	12,563	12,663	12,283	12,263	12,860	13,795	14,639	15,665	17,080	18,363	19,531	20,531
	MAY												
SBD Direct Man-Hours	346	228	88	--	----	--	----	----	----	-- --	--	----	----
BTD Direct Man-Hours	473	381	279	271	259	259	254	87	----	----	-- --	----	----
All Other Direct Man-Hours	152	195	304	386	413	502	539	487	366	340	422	441	533
Total Direct Man-Hours	971	804	671	657	672	761	793	574	366	340	422	441	533
Aver. Hrs. per Direct Worker in Month	191	186	186	193	186	186	186	186	193	172	193	178	193
Net Direct Employment	5,081	4,323	3,608	3,404	3,613	4,091	4,274	3,086	1,896	1,977	2,187	2,478	2,762
Total Net Employment	13,646	10,730	8,708	8,254	8,613	9,391	9,674	7,761	5,796	5,927	6,287	6,778	7,212
	JUNE												
SBD Direct Man-Hours	238	88	--	-- --	-- --	-- --	----	----	----	-- --	----	----	-- --
BTD Direct Man-Hours	344	279	271	259	259	254	87	----	----	----	-- --	----	-- --
All Other Direct Man-Hours	171	304	386	413	502	539	487	366	340	422	441	533	564
Total Direct Man-Hours	753	671	657	672	761	793	574	366	340	422	441	533	564
Aver. Hrs. per Direct Worker in Month	191	186	193	186	186	186	186	186	193	172	193	178	193	186
Net Direct Employment	3,942	3,608	3,404	3,610	4,091	4,274	3,086	1,896	1,977	2,187	2,478	2,762	3,032
Total Net Employment	11,405	8,708	8,254	8,613	9,391	9,674	7,761	5,796	5,927	6,287	6,778	7,212	7,682
	JULY												
SBD Direct Man-Hours	57	----	----	----	-- --	----	----	----	----	----	----	----	----
BTD Direct Man-Hours	231	269	261	259	253	88	----	----	----	----	--	----	--
All Other Direct Man-Hours	196	218	266	373	501	574	652	613	701	658	723	695	684
Total Direct Man-Hours	484	487	527	634	754	662	652	613	704	658	723	695	684
Aver. Hrs. per Direct Worker in Month	178	193	186	186	186	186	193	172	193	178	193	186	186
Net Direct Employment	2,720	2,523	2,833	3,409	4,054	3,559	3,378	3,564	3,648	3,697	3,746	3,737	3,677
Total Net Employment	8,343	7,248	7,443	7,939	8,534	8,024	7,828	7,999	8,068	8,102	8,136	8,112	8,037
	AUG.												
SBD Direct Man-Hours	6	----	-- --	-- --	-- --	----	----	----	----	--	--	----	----
BTD Direct Man-Hours	174	100	63	59	51	47	28	16	6	4	3	----	--
All Other Direct Man-Hours	347	528	578	628	688	741	696	802	737	782	872	781	754
Total Direct Man-Hours	527	628	641	687	739	788	724	818	743	786	875	781	754
Aver. Hrs. per Direct Worker in Month	196	186	186	186	186	193	172	193	178	193	186	186	193
Net Direct Employment	2,691	3,376	3,446	3,694	3,973	4,083	4,209	4,238	4,174	4,073	4,704	4,199	3,907
Total Net Employment	7,232	7 961	7 981	8,379	8,848	9,018	9,194	9,289	9,149	9,008	9,989	9,184	8,767
	SEPT.												
BTD Direct Man-Hours	123	69	52	52	47	35	30	19	9	3		--	--
All Other Direct Man-Hours	427	525	529	613	662	609	673	621	659	728	673	649	537
Total Direct Man-Hours	550	594	581	665	709	644	703	640	668	731	673	649	537
Aver. Hrs. per Direct Worker in Month	190	186	186	186	193	172	193	178	193	186	186	193	178
Net Direct Employment	2,896	3,194	3,124	3,575	3,674	3,741	3,642	3,596	3,461	3,930	3,618	3,363	3,017
Total Net Employment	7,114	7,146	7,279	7,985	8,114	8,214	8,042	7 931	7,681	8,438	7,914	7,497	6,880
	OCT.												
BTD Direct Man Hours	68	59	51	47	35	30	19	9	3			--	--
All Other Direct Man-Hours	514	623	683	744	682	772	765	914	919	879	837	679	667
Total Direct Man-Hours	582	682	734	791	717	802	784	923	922	879	837	679	667
Aver. Hrs. per Direct Worker in Month	197	186	186	193	172	193	178	193	186	186	193	178	193
Net Direct Employment	2,951	3 667	3,946	4,098	4,169	4,155	4,404	4,788	4,952	4,726	4,337	3,815	3,456
Total Net Employment	7,119	8,573	9,059	9,201	9,382	9,397	9,715	10,270	10,573	10,188	9,590	8,649	8,039
	NOV.												
BTD Direct Man-Hours	53	52	50	34	14	4	4	2	----	----	----	----	----
All Other Direct Man-Hours	553	642	693	646	748	742	846	841	843	828	731	684	440
Total Direct Man-Hours	606	694	743	680	762	746	850	843	843	828	731	684	440

DOUGLAS, EL SEGUNDO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 NOV.												
Aver. Hrs. per Direct Worker in Month	197	191	198	176	198	186	198	186	198	191	198	186	198	191
Net Direct Employment	3,082	3,634	3,753	3,864	3,848	4,011	4,293	4,424	4,424	4,252	3,930	3,455	2,304
Total Net Employment	7,255	8,083	8,409	8,689	8,716	9,017	9,307	9,507	9,507	9,256	8,923	8,067	6,258
	DEC.												
BTD Direct Man-Hours	36	36	36	45	42	45	39	21	10	10	5	3	----
All Other Direct Man-Hours	559	617	566	658	641	750	749	763	747	651	610	392	188
Total Direct Man-Hours	595	653	602	703	683	795	788	784	757	661	615	395	188
Aver. Hrs. per Direct Worker in Month	190	198	176	198	183	198	191	191	198	183	198	191	183
Net Direct Employment	3,135	3,298	3,420	3,551	3,732	4,015	4,126	4 105	3 823	3.612	3,106	2,068	1,027
Total Net Employment	7,240	7,746	8,018	8,194	8,424	8,760	8,948	8 917	8 458	8,122	7,329	5,776	4,074
	1945 JAN.												
BTD Direct Man-Hours	23	16	21	21	22	9	--	-- --	----	----	----	----	----
All Other Direct Man-Hours	660	566	658	641	750	749	763	747	651	636	533	476	452
Total Direct Man-Hours	683	582	679	662	772	758	763	747	651	636	533	476	452
Aver. Hrs. per Direct Worker in Month	211	176	198	183	198	191	191	198	183	198	191	183	198
Net Direct Employment	3,329	3,307	3,429	3,617	3,898	3,969	3,995	3,773	3,557	3,212	2,791	2,601	2,283
Total Net Employment	7,340	7,376	7,684	7,983	8,332	8,339	8,272	7,920	7,574	7,087	6,540	6,035	5,495
	FEB.												
BTD Direct Man-Hours	13	14	13	13	10	----	----	----	----	----	----	----	----
BT2D Direct Man-Hours	----	----	----	----	----	33	109	159	221	246	271	316	348
All Other Direct Man-Hours	611	667	661	778	805	838	855	754	752	657	560	537	443
Total Direct Man-Hours	624	681	674	791	815	871	964	913	973	903	831	853	791
Aver. Hrs. per Direct Worker in Month	183	185	171	185	178	178	185	171	185	178	171	185	164
Net Direct Employment	3,405	3,681	3,942	4,276	4,579	4,893	5 211	5 339	5,259	5,073	4,801	4,611	4,823
Total Net Employment	7,721	8,282	8,696	9,468	10,004	10,421	10,834	11 113	11,233	11,008	10,625	10,356	10,652
	MAR.												
BTD-1 Direct Man-Hours	6	7	7	7	3	1	-- --	-- --	--	-- --	----	-- --	----
XBT2D-1 Direct Man-Hours	130	126	142	170	175	210	197	190	128	70	34	12	6
BT2D-1 Direct Man-Hours	----	-- --	-- --	--	----	6	29	74	127	181	278	328	476
All Other Direct Man-Hours	571	541	647	672	685	695	627	656	596	530	527	436	442
Total Direct Man-Hours	707	674	796	849	863	912	853	920	851	781	839	776	924
Aver. Hrs. per Direct Worker in Month	202	171	185	178	178	185	171	185	178	171	185	164	185
Net Direct Employment	3,501	3,941	4,303	4,770	4,848	4,930	4 988	4,973	4,781	4,567	4,535	4,732	4,995
Total Net Employment	8,003	8,939	9,695	10,147	10,538	10,618	10,757	10,535	10 616	10,325	10,303	10,623	11,026
	APR.												
BTD-1 Direct Man-Hours	4	8	5	3	2	--	----	----	----	----	----	----	----
XBT2D-1 Direct Man-Hours	134	153	161	177	203	191	199	164	116	49	23	4	--
BT2D-1 Direct Man-Hours	--	--	--		8	55	111	152	187	259	304	447	599
All Other Direct Man-Hours	559	612	602	614	611	555	536	473	418	420	359	381	377
Total Direct Man-Hours	697	773	768	794	824	801	846	789	721	728	686	832	976
Aver. Hrs. per Direct Worker in Month	195	194	186	186	194	179	194	186	179	194	172	186	186
Net Direct Employment	3,568	3,985	4,129	4,269	4,247	4,475	4,361	4 242	4,028	3,753	3,988	4,473	5,247
Total Net Employment	8,075	8,931	9,158	9,392	9,407	10,003	9,836	9,721	9,471	8 928	9,290	10,031	11,186
	MAY												
BTD Direct Man-Hours	4	7	3	2			--	-- --				--	--
XBT2D Direct Man-Hours	135	139	162	198	192	202	168	114	65	19	--	--	--
BT2D Direct Man-Hours	-- --		-- --	5	43	105	153	192	264	303	445	602	784
All Other Direct Man-Hours	574	596	608	603	523	523	475	427	431	367	385	380	347
Total Direct Man Hours	713	742	773	808	758	830	796	733	759	689	830	982	1,131
Aver. Hrs. per Direct Worker in Month	196	186	186	194	179	194	186	179	194	172	186	186	194
Net Direct Employment	3,632	3,989	4,150	4,165	4,235	4,278	4,280	4,095	3,912	4,006	4,462	5,280	5,830
Total Net Employment	8,130	9,116	9,513	9,646	9,845	9 974	10,034	9,661	9,261	9,320	9,972	11,176	11,972
	JUNE												
BTD Direct Man-Hours	2	3	2	2	-		--	--			--	-- --	----
XBT2D Direct Man-Hours	118	162	198	192	202	168	114	65	19	----	-- --	----	----
BT2D Direct Man-Hours	----	----	5	43	105	153	192	263	303	445	602	784	933
All Other Direct Man-Hours	573	608	603	521	523	475	427	431	367	385	380	347	229
Total Direct Man-Hours	693	773	808	758	830	796	733	759	689	830	982	1,131	1,162
Aver. Hrs. per Direct Worker in Month	186	186	194	179	194	186	179	194	172	186	186	194	179
Net Direct Employment	3,716	4,156	4,165	4,235	4,278	4,280	4,095	3,912	4,006	4,462	5,280	5,830	6,491
Total Net Employment	8,225	9,362	9,587	9,789	9,916	9,964	9,587	9,184	9,243	9,892	11,098	11,897	12,874

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, LONG BEACH

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
A-26B Direct Man-Hours	82	1,615	1,581	1,779	1,702	1,832	1,923	1,903	1,908	2,119	2,102	2,062	2,013
C-47A Direct Man-Hours	1,589	1,780	2,060	2,015	2,143	2,088	2,200	2,237	2,321	2,181	2,181	2,181	2,237
B-17G Direct Man-Hours	1,957	18	62	69	77	87	99	103	133	216	324	476	605
C-74 Direct Man-Hours	44	393	448	444	523	535	563	551	556	576	582	585	600
All Other Direct Man-Hours	329	3,559	4,401	4,307	4,535	4,542	4,785	4,794	4,918	5,092	5,189	5,204	5,415
Total Direct Man-Hours	4,001	182	205	198	198	198	205	198	198	198	198	198	198
Aver. Hrs. per Direct Worker in Month	182	21,968	21,468	21,808	22,962	22,997	23,341	24,273	24,901	25,782	26,273	26,349	27,063
Direct Workers	21,940	38,803	38,868	39,258	40,462	40,597	41,041	42,073	42,801	43,782	44,473	44,799	45,763
Total Employees	39,310												
	FEB.												
A-26B Direct Man-Hours	34	1,766	1,760	1,807	1,855	1,954	1,922	1,973	2,117	2,086	1,939	1,853	1,758
C-47A Direct Man-Hours	1,473	2,066	2,010	2,038	2,094	2,220	2,254	2,308	2,164	2,094	2,149	2,236	2,126
B-17G Direct Man-Hours	1,921	63	69	78	87	99	104	134	217	325	377	507	771
C-74 Direct Man-Hours	56	422	442	475	497	533	523	521	523	527	519	522	526
All Other Direct Man-Hours	365	4,317	4,281	4,398	4,533	4,806	4,803	4,936	5,021	5,032	4,984	5,118	5,181
Total Direct Man-Hours	3,849	199	192	192	192	199	192	192	192	192	192	192	184
Aver. Hrs. per Direct Worker in Month	177	21,704	22,355	22,966	23,671	24,163	25,081	25,775	26,219	26,277	26,026	26,726	28,127
Direct Workers	21,770	39,715	40,900	41,769	42,730	43,351	44,665	45,016	45,923	45,674	45,256	45,951	47,426
Total Employees	39,836												
	MAR.												
A-26B Direct Man-Hours	77	78	94	116	143	182	273	362	436	485	555	595	662
C-47A Direct Man-Hours	1,736	1,760	1,807	1,855	1,954	1,922	1,973	2,117	2,086	1,939	1,853	1,758	1,922
B-17G Direct Man-Hours	1,918	2,010	2,038	2,094	2,220	2,254	2,308	2,164	2,094	2,149	2,236	2,126	2,275
C-74 Direct Man-Hours	369	438	472	495	531	521	519	521	525	520	517	505	540
All Other Direct Man-Hours	4,100	4,286	4,411	4,560	4,848	4,879	5,073	5,164	5,141	5,093	5,161	4,984	5,399
Total Direct Man-Hours	194	187	187	187	194	187	187	187	187	187	187	180	194
Aver. Hrs. per Direct Worker in Month	21,115	22,920	23,588	24,385	24,964	26,091	27,128	27,615	27,492	27,235	27,599	27,720	27,801
Direct Workers	40,149	42,466	43,291	44,247	44,918	46,178	47,276	47,774	47,561	47,117	47,746	47,956	48,096
Total Employees													
	APR.												
A-26B Direct Man-Hours	77	94	116	143	182	273	362	436	485	555	595	662	627
C-47A Direct Man-Hours	1,684	1,807	1,855	1,954	1,922	1,973	2,117	2,086	1,939	1,853	1,758	1,922	1,773
B-17G Direct Man-Hours	1,685	1,859	1,860	1,914	1,817	1,760	1,707	1,726	1,745	1,721	1,653	1,783	1,649
C-74 Direct Man-Hours	400	493	512	550	536	531	528	534	540	537	521	562	530
All Other Direct Man-Hours	3,846	4,233	4,343	4,561	4,457	4,537	4,714	4,782	4,709	4,666	4,527	4,929	4,579
Total Direct Man-Hours	190	190	190	197	190	190	190	190	190	190	183	197	183
Aver. Hrs. per Direct Worker in Month	20,254	22,396	22,870	23,129	23,470	23,892	24,824	25,182	24,797	24,571	24,792	24,995	25,077
Direct Workers	38,730	41,921	42,371	42,596	42,863	43,273	44,187	44,543	44,157	43,930	44,217	44,491	44,637
Total Employees													
	MAY												
A-26B Direct Man-Hours	104	116	143	182	273	362	436	485	555	595	662	627	724
C-47A Direct Man-Hours	1,588	1,754	1,845	1,810	1,836	1,884	1,880	1,826	1,802	1,705	1,815	1,626	1,735
B-17G Direct Man-Hours	1,673	1,860	1,914	1,817	1,760	1,707	1,726	1,745	1,721	1,653	1,783	1,649	1,779
C-74 Direct Man-Hours	447	495	572	593	633	706	737	674	598	556	572	501	481
All Other Direct Man-Hours	3,812	4,225	4,474	4,402	4,502	4,659	4,779	4,730	4,676	4,509	4,832	4,403	4,719
Total Direct Man-Hours	193	193	200	193	193	193	193	193	193	186	200	186	200
Aver. Hrs. per Direct Worker in Month	19,753	21,891	22,325	22,808	23,326	24,140	24,762	24,508	24,228	24,294	24,112	23,723	23,548
Direct Workers	38,108	40,251	40,700	41,208	41,801	42,640	43,334	42,969	42,505	42,455	42,445	41,729	41,692
Total Employees													
	JUNE												
A-26B Direct Man-Hours	138	143	182	273	362	436	489	556	599	677	720	898	962
C-47A Direct Man-Hours	1,528	1,718	1,633	1,661	1,682	1,694	1,664	1,623	1,528	1,621	1,471	1,562	1,488
B-17G Direct Man-Hours	1,757	1,827	1,758	1,742	1,736	1,726	1,745	1,721	1,653	1,783	1,649	1,779	1,711
C-74 Direct Man-Hours	439	572	593	633	706	737	674	598	556	572	506	490	473
All Other Direct Man-Hours	3,862	4,260	4,166	4,309	4,486	4,593	4,572	4,198	4,336	4,653	4,346	4,729	4,634
Total Direct Man-Hours	191	199	191	191	191	191	191	191	184	199	184	199	191
Aver. Hrs. per Direct Worker in Month	20,199	21,407	21,811	22,560	23,462	24,022	23,912	23,525	23,578	23,382	23,632	23,764	24,262
Direct Workers	38,564	40,123	40,937	41,852	42,665	43,374	43,113	42,416	42,511	42,242	42,608	42,033	43,698
Total Employees													
	JULY												
A-26B Direct Man-Hours	185	182	273	362	436	489	556	599	677	720	898	927	1,117
C-47A Direct Man-Hours	1,650	1,633	1,661	1,682	1,694	1,664	1,623	1,528	1,621	1,471	1,562	1,488	1,454
B-17G Direct Man-Hours	1,843	1,689	1,637	1,632	1,607	1,560	1,630	1,603	1,709	1,522	1,630	1,566	1,561
C-74 Direct Man-Hours	436	160	502	556	577	581	584	560	586	507	462	447	453
All Other Direct Man-Hours	4,114	3,964	4,073	4,232	4,314	4,294	4,303	4,290	4,393	4,220	4,552	4,428	4,585
Total Direct Man-Hours	195	188	188	188	188	188	188	181	195	181	195	188	188
Aver. Hrs. per Direct Worker in Month	21,075	21,996	21,676	22,523	22,959	22,853	23,379	23,741	23,530	23,354	23,320	23,566	24,401
Direct Workers	39,893	39,933	40,858	42,395	43,135	43,056	43,758	44,103	43,870	43,704	43,720	44,016	45,156
Total Employees													
	AUG.												
A-26B Direct Man-Hours	100	273	362	436	489	556	599	677	720	898	927	1,117	1,389
C-47A Direct Man-Hours	1,524	1,583	1,562	1,694	1,664	1,623	1,528	1,621	1,471	1,562	1,488	1,454	1,364
B-17G Direct Man-Hours	1,733	1,623	1,562	1,536	1,497	1,470	1,408	1,528	1,430	1,567	1,527	1,533	1,584

DOUGLAS, LONG BEACH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
C-74 Direct Man-Hours	0	5	21	39	51	58	56	80	94	130	156	193	242
All Other Direct Man-Hours	376	516	510	556	541	516	492	515	494	410	390	404	423
Total Direct Man-Hours	3,832	3,997	4,047	4,261	4,242	4,223	4,083	4,421	4,163	3,967	3,928	4,701	5,102
Aver. Hrs. per Direct Worker in Month	181	181	181	181	181	181	174	188	174	88	181	181	188
Direct Workers	21,175	22,083	22,359	23,341	23,436	23,331	23,466	23,528	23,900	24,305	24,851	25,972	26,621
Total Employees	40,107	41,737	42,259	44,092	44,083	44,026	44,186	44,233	44,661	45,207	46,123	48,100	49,196
	SEPT.												
A-26B Direct Man-Hours	221	362	439	496	567	615	703	744	895	978	1,170	1,380	1,450
C-47A Direct Man-Hours	1,506	1,550	1,520	1,500	1,470	1,390	1,490	1,380	1,470	1,390	1,370	1,390	1,170
B-17G Direct Man-Hours	1,650	1,570	1,530	1,520	1,500	1,450	1,580	1,490	1,650	1,590	1,690	1,650	1,560
C-74 Direct Man-Hours	0	0	0	0	0	0	0	0	5	10	25	60	100
All Other Direct Man-Hours	355	532	548	530	503	479	497	436	382	374	376	404	377
Total Direct Man-Hours	3,732	4,014	4,037	4,046	4,040	3,934	4,270	4,050	4,402	4,342	4,541	4,884	4,657
Aver. Hrs. per Direct Worker in Month	182	182	182	182	182	175	189	175	189	182	182	189	182
Direct Workers	20,543	22,091	22,218	22,267	22,234	22,519	22,629	23,183	23,328	23,897	24,992	25,882	25,630
Total Employees	39,326	41,142	41,537	41,854	42,089	42,642	43,020	43,842	44,255	45,092	46,455	47,609	47,234
	OCT.												
A-26B Direct Man-Hours	220	—	—	—	—	—	—	—	—	—	—	—	—
C-47A Direct Man-Hours	1,410	—	—	—	—	—	—	—	—	—	—	—	—
B-17G Direct Man-Hours	1,542	—	—	—	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	0	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	361	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,533	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	177	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	19,928	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	38,990	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
A-26B Direct Man-Hours	246	496	567	615	703	744	895	978	1,170	1,380	1,450	1,560	1,660
C-47A Direct Man-Hours	1,367	1,500	1,470	1,390	1,490	1,380	1,470	1,390	1,370	1,390	1,170	749	556
B-17G Direct Man-Hours	1,558	1,520	1,500	1,450	1,580	1,490	1,650	1,590	1,600	1,650	1,560	1,540	1,510
C-74 Direct Man-Hours	2	—	—	—	—	—	5	10	25	60	100	150	242
All Other Direct Man-Hours	363	530	503	479	497	436	382	374	376	404	377	381	380
Total Direct Man-Hours	3,536	4,046	4,040	3,934	4,270	4,050	4,402	4,342	4,541	4,884	4,657	4,380	4,348
Aver. Hrs. per Direct Worker in Month	195	195	195	188	203	188	203	195	195	203	195	195	195
Direct Workers	18,113	20,727	20,697	20,959	21,066	21,577	21,717	22,244	23,263	24,095	23,858	22,439	22,275
Total Employees	36,331	39,111	39,247	39,676	39,949	40,626	40,932	41,626	42,811	43,809	43,452	41,913	41,628
	DEC.[2]												
A-26B Direct Man-Hours	324	—	—	—	—	—	—	—	—	—	—	—	—
C-47A Direct Man-Hours	1,353	—	—	—	—	—	—	—	—	—	—	—	—
B-17G Direct Man-Hours	1,527	—	—	—	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	343	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,549	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	17,061	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	34,325	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[3]												
A-26B Direct Man-Hours	404	—	—	—	—	—	—	—	—	—	—	—	—
B-17G Direct Man-Hours	1,470	—	—	—	—	—	—	—	—	—	—	—	—
C-47A Direct Man-Hours	1,278	—	—	—	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	377	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,533	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	16,980	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	33,815	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
A-26B Direct Man-Hours	478	543	634	693	689	943	1,045	972	1,173	1,284	1,318	1,486	1,372
B-17G Direct Man-Hours	1,322	1,510	1,382	1,468	1,385	1,354	1,381	1,310	1,287	1,267	1,200	1,275	1,118
C-47A Direct Man-Hours	1,230	1,452	1,312	1,335	1,236	1,035	692	198	—	—	—	—	—
C-74 Direct Man-Hours	9	56	65	84	94	108	126	134	151	199	261	361	383
All Other Direct Man-Hours	423	634	505	642	678	427	275	328	230	240	239	268	246
Total Direct Man-Hours	3,462	4,195	3,898	4,223	4,082	3,807	3,519	2,942	2,841	2,990	3,018	3,390	3,119
Aver. Hrs. per Direct Worker in Month	200	216	240	216	208	208	216	208	208	208	200	216	200
Direct Workers	17,310	19,421	19,495	19,551	19,625	18,591	16,292	14,144	13,659	14,376	15,090	15,694	15,595
Total Employees	33,978	36,096	36,170	36,226	36,300	35,066	32,567	30,219	29,534	30,050	30,765	31,369	31,270

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, LONG BEACH (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
A-26B Direct Man-Hours	669	1,080	1,359	1,282	1,054	1,279	1,213	1,192	1,013	1,111	1,181	1,035	1,119
B-17G Direct Man-Hours	1,360	—	247	1,102	985	612	165	29	—	—	—	—	—
C-47A Direct Man-Hours	1,000	—	78	87	100	117	124	140	184	242	334	355	464
C-71 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	358	170	596	627	303	255	221	225	231	232	250	231	268
Total Direct Man-Hours	3,748	3,951	3,936	3,760	3,528	3,267	2,636	2,712	2,824	2,851	3,192	2,938	3,336
Aver. Hrs. per Direct Worker in Month	216	200	216	208	208	216	208	208	208	200	216	192	216
Direct Workers	17,352	19,756	18,222	18,077	16,962	15,125	12,760	13,038	13,577	14,255	14,778	15,302	15,676
Total Employees	33,954	34,954	34,897	34,752	33,437	31,400	28,844	28,913	29,252	29,930	30,453	30,977	31,351
	APR.												
A-26B Direct Man-Hours	626	745	684	962	994	1,096	1,327	1,430	1,421	1,663	1,611	1,954	1,815
B-17G Direct Man-Hours	1,175	1,253	1,176	1,115	1,125	1,065	1,046	1,028	972	1,033	906	1,006	919
C-47A Direct Man-Hours	1,160	537	1,102	965	612	165	29	—	—	—	—	—	—
C-71 Direct Man-Hours	15	78	87	100	117	124	140	184	242	334	355	464	491
All Other Direct Man-Hours	361	462	528	263	216	186	195	202	200	221	208	250	239
Total Direct Man-Hours	3,337	3,375	3,577	3,405	3,064	2,636	2,737	2,844	2,835	3,251	3,080	3,674	3,467
Aver. Hrs. per Direct Worker in Month	200	216	208	208	216	208	208	208	208	216	192	216	200
Direct Workers	16,685	17,177	17,197	16,370	14,185	12,673	13,159	13,673	14,175	15,051	16,042	17,009	17,335
Total Employees	33,408	34,152	33,747	32,720	29,985	27,873	28,159	28,773	29,675	30,801	31,942	33,109	33,585
	MAY												
A-26 Direct Man-Hours	785	752	1,040	1,186	1,189	1,393	1,502	1,492	1,746	1,692	2,052	1,906	1,976
B-17 Direct Man-Hours	1,160	1,132	1,068	1,081	1,024	1,006	989	936	995	873	970	886	945
C-47 Direct Man-Hours	1,230	1,035	744	253	41	8	2	—	—	—	—	—	—
C-74 Direct Man-Hours	18	87	100	118	126	144	191	254	354	379	500	536	624
All Other Direct Man-Hours	254	412	182	116	111	110	109	104	111	98	110	101	108
Total Direct Man-Hours	3,447	3,418	3,134	2,754	2,491	2,661	2,793	2,786	3,206	3,042	3,632	3,429	3,653
Aver. Hrs. per Direct Worker in Month	200	193	193	200	193	193	193	185	200	178	200	185	200
Net Direct Employment	17,201	17,710	16,238	13,770	12,907	13,788	14,472	15,059	16,030	17,090	18,160	18,535	18,265
Total Net Employment	36,148	36,910	34,764	31,415	30,695	31,812	32,762	33,833	35,111	36,335	37,657	38,217	37,986
	JUNE												
A-26 Direct Man-Hours	877	951	1,167	1,232	1,471	1,549	1,497	1,781	1,735	2,055	1,887	1,958	1,819
B-17 Direct Man-Hours	1,090	977	987	936	920	906	856	910	798	887	811	864	824
C-47 Direct Man-Hours	1,044	581	354	183	55	2	—	—	—	—	—	—	—
C-74 Direct Man-Hours	19	100	118	126	144	191	254	354	379	500	536	624	636
All Other Direct Man-Hours	233	228	112	107	106	105	101	108	95	106	98	105	101
Total Direct Man-Hours	3,263	2,837	2,738	2,584	2,696	2,753	2,708	3,153	3,007	3,548	3,332	3,551	3,380
Aver. Hrs. per Direct Worker in Month	197	194	201	194	194	194	187	201	179	201	187	201	194
Net Direct Employment	16,595	14,624	12,622	13,320	13,897	14,191	14,481	15,687	16,799	17,652	17,818	17,667	17,423
Total Net Employment	35,303	32,983	31,186	30,953	31,537	31,925	32,392	33,638	35,114	36,192	36,370	36,163	35,792
	JULY												
A-26 Direct Man-Hours	1,004	1,404	1,444	1,374	1,588	1,534	1,820	1,768	2,091	1,920	1,993	1,851	1,779
B-17 Direct Man-Hours	1,083	1,009	956	939	923	874	929	815	906	829	883	841	831
C-47 Direct Man-Hours	830	264	73	18	2	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	34	118	126	144	191	254	354	379	500	536	624	636	704
All Other Direct Man-Hours	212	118	113	112	111	106	114	100	107	98	105	101	100
Total Direct Man-Hours	3,253	2,913	2,712	2,787	2,815	2,768	3,217	3,062	3,604	3,383	3,605	3,429	3,414
Aver. Hrs. per Direct Worker in Month	200	205	197	197	197	189	205	182	205	189	205	197	197
Net Direct Employment	16,263	14,210	13,766	14,147	14,289	14,646	15,693	16,824	17,580	17,899	17,585	17,406	17,330
Total Net Employment	34,786	31,998	31,158	31,303	31,472	31,997	33,173	34,640	35,681	36,051	35,724	35,435	35,040
	AUG.												
A-26 Direct Man-Hours	1,551	1,517	1,553	1,695	1,726	2,015	2,007	2,296	2,020	2,081	1,929	1,907	1,883
B-17 Direct Man-Hours	1,067	952	935	919	870	925	812	903	825	879	838	828	850
C-47 Direct Man-Hours	301	55	26	6	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	99	126	144	191	254	354	379	500	536	624	636	704	818
C-71 Direct Man-Hours	111	109	108	107	102	110	97	104	94	101	97	97	100
All Other Direct Man-Hours	3,102	2,759	2,766	2,918	2,952	3,404	3,295	3,803	3,475	3,685	3,500	3,496	3,651
Total Direct Man-Hours	204	197	197	197	189	205	182	205	189	205	189	197	205
Aver. Hrs. per Direct Worker in Month	15,212	14,005	14,041	14,812	15,619	16,605	18,104	18,551	18,386	17,976	17,706	17,746	17,810
Net Direct Employment	33,055	30,882	30,479	31,067	32,173	33,543	35,337	36,105	36,024	35,663	35,440	35,392	35,435
Total Net Employment													
	SEPT.												
A-26 Direct Man-Hours	1,487	1,553	1,695	1,726	2,015	2,007	2,296	2,020	2,081	1,929	1,867	1,883	16,95
B-17 Direct Man-Hours	977	935	919	870	925	812	903	825	879	838	828	850	778
C-47 Direct Man-Hours	64	18	4	—	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	93	144	191	254	354	379	500	536	624	636	704	818	815
C-71 Direct Man-Hours	112	108	107	102	110	97	104	94	101	97	97	100	92
All Other Direct Man-Hours	2,703	2,758	2,916	2,952	3,404	3,295	3,803	3,475	3,685	3,500	3,496	3,651	3,380
Total Direct Man-Hours													

DOUGLAS, LONG BEACH (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
Aver. Hrs. per Direct Worker in Month	195	197	197	189	205	182	205	189	205	197	197	205	189
Net Direct Employment	13,849	14,000	14,802	15,619	16,605	18,104	18,551	18,386	17,976	17,766	17,746	17,810	17,884
Total Net Employment	30,374	30,550	31,156	32,218	33,601	35,381	36,143	36,063	35,679	35,140	34,816	34,470	33,944
	OCT.												
A-26 Direct Man-Hours	1,466	1,656	1,644	1,887	1,787	2,070	1,854	1,949	1,808	1,742	1,752	1,775	1,654
B-17 Direct Man-Hours	949	916	868	922	809	900	823	876	835	825	847	776	829
C-47 Direct Man-Hours	8	1	—	—	—	—	—	—	—	—	—	—	—
C-74 Direct Man-Hours	121	310	359	451	444	543	542	624	636	704	815	815	907
C-71 Direct Man-Hours	114	114	107	115	101	114	105	113	108	107	111	103	110
All Other Direct Man-Hours	2,658	2,997	2,978	3,375	3,141	3,627	3,334	3,562	3,387	3,378	3,528	3,269	35,00
Total Direct Man-Hours	198	197	189	205	182	205	189	205	197	197	205	183	250
Aver. Hrs. per Direct Worker in Month	13,442	15,213	15,757	16,463	17,258	17,693	17,746	17,376	17,193	17,147	17,210	17,296	17,073
Net Direct Employment	28,966	30,384	31,357	32,596	33,875	34,540	34,616	34,205	33,826	33,743	33,871	34,040	33,607
Total Net Employment													
	NOV.												
A-26 Direct Man-Hours	1,499	1,605	1,838	1,735	1,991	1,820	1,886	1761	1 689	1,695	1,526	1,600	1,506
B-17 Direct Man-Hours	928	868	922	809	900	823	876	835	825	847	776	829	790
C-74 Direct Man-Hours	154	359	451	444	543	542	624	636	704	818	815	907	906
All Other Direct Man-Hours	98	107	115	101	114	105	113	108	107	111	103	110	105
Total Direct Man-Hours	2,679	2,939	3,326	3,089	3,548	3,290	3,499	3,340	3,325	3,471	3,220	3,446	33,07
Aver. Hrs. per Direct Worker in Month	198	189	205	182	205	189	205	197	197	205	189	205	197
Net Direct Employment	13,537	15,550	16,224	16,973	17,307	17,407	17,068	16,954	16,878	16,932	17,037	16,810	16,787
Total Net Employment	28,419	30,931	32,240	33,375	33,850	33,857	33,418	33,246	33,107	33,123	33,201	32 926	32,863
	DEC.												
A-26 Direct Man-Hours	1,514	1,868	1,791	2,002	1,755	1,833	1,712	1,653	1,657	1,490	1,564	1,471	1,386
B-17 Direct Man-Hours	869	907	797	886	809	864	822	813	834	765	817	780	743
C-74 Direct Man-Hours	191	321	315	389	378	463	508	591	702	727	843	839	823
All Other Direct Man-Hours	84	100	89	99	92	98	94	94	97	89	96	92	88
Total Direct Man-Hours	2,658	3,196	2,992	3,376	3,034	3,258	3,136	3,151	3,290	3,071	3,320	3,182	3,040
Aver. Hrs. per Direct Worker in Month	192	205	182	205	189	205	197	197	205	189	205	197	189
Net Direct Employment	13,846	15,590	16,440	16,468	16,053	15,893	15,919	15,995	16,049	16,249	16,195	16,152	16,085
Total Net Employment	28,035	31,626	32,866	33,042	32,527	32,253	32,209	32,198	32,219	32,380	32,277	32,212	32,116
	1945 JAN.												
A-26 Direct Man-Hours	1,677	1,819	1,854	1,616	1,669	1,545	1,493	1,504	1,356	1,422	1,336	1,200	878
B-17 Direct Man-Hours	988	854	979	925	1,017	994	991	1,023	935	997	950	903	964
C-74 Direct Man-Hours	255	247	316	337	427	476	534	584	549	555	402	223	100
All Other Direct Man-Hours	85	94	105	97	104	99	98	102	94	101	97	93	100
Total Direct Man-Hours	3,005	3,014	3,254	2,975	3,217	3,114	3,117	3,213	2,934	3,075	2,785	2,419	2,042
Aver. Hrs. per Direct Worker in Month	208	182	205	189	205	197	197	205	189	205	197	189	205
Net Direct Employment	14,444	16,569	15,873	15,741	15,693	15,807	15,822	15,673	15,524	15,000	14,137	12,799	9,961
Total Net Employment	28,494	30,797	30,654	30,466	30,423	30,609	30,624	30,302	30,068	29,246	28,008	26,298	22,768
	FEB.												
A-26 Direct Man-Hours	1,536	1,764	1,653	1,755	1,629	1,608	1,682	1,579	1,707	1,608	1,441	1,051	589
B-17 Direct Man-Hours	910	1,054	1,020	1,137	1,129	1,176	1,253	1,165	1,243	1,183	1,122	1,197	1,052
C-74 Direct Man-Hours	227	211	106	75	65	65	68	63	68	65	63	68	60
All Other Direct Man-Hours	50	71	75	90	90	90	93	85	92	88	85	91	80
Total Direct Man-Hours	2,723	3,100	2,854	3,057	2,913	2,939	3,102	2,813	3,110	2,944	2,711	2,407	1,781
Aver. Hrs. per Direct Worker in Month	182	205	189	205	197	197	205	189	205	197	189	205	182
Net Direct Employment	14,926	15,122	15,101	14,912	14,787	14 919	15,132	15,307	15,171	14,944	14,344	11,741	9,786
Total Net Employment	29,061	28,879	28,773	28,635	28,495	28,576	28,666	28,701	28,420	28,015	27 164	24,276	21,871
	MAR.												
A-26 Direct Man-Hours	1,788	1,625	1,725	1,621	1,600	1 683	1,575	1,699	1,601	1,438	1,051	588	603
B-17 Direct Man-Hours	1,051	1,020	1,137	1,120	1 176	1,259	1,165	1,243	1,183	1,122	1,197	1,052	1,126
C-74 Direct Man-Hours	138	106	75	65	65	68	63	68	65	114	187	230	329
All Other Direct Man-Hours	70	82	93	93	92	95	88	94	90	87	93	82	88
Total Direct Man-Hours	3,047	2,833	3,030	2,908	2,930	3,105	2 891	3,104	2,942	2,761	2,528	1,952	2,146
Aver. Hrs. per Direct Worker in Month	204	189	205	197	197	205	189	205	197	189	205	182	197
Net Direct Employment	14,920	14,989	14,780	14,761	14,919	15,146	15,296	15,141	14,934	14,608	12,332	10 725	10,893
Total Net Employment	28,597	28,622	28,478	28,432	28,527	28,644	28,635	28,342	27,977	27,434	24 895	22,816	22,624
	APR.												
A-26 Direct Man-Hours	1,516	1,590	1,478	1,373	1,382	1,241	1,307	1,232	1,160	1,226	1,072	1,139	1,120
B-17 Direct Man-Hours	973	782	632	487	447	410	441	422	403	434	383	412	410
C-74 Direct Man-Hours	101	352	367	380	398	406	484	491	475	489	382	282	146
All Other Direct Man-Hours	145	183	157	134	128	108	105	92	79	76	67	72	72
Total Direct Man-Hours	2,735	2,907	2,634	2,374	2,355	2,165	2,337	2,237	2,117	2,225	1,904	1,905	1,748

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, LONG BEACH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 APR.												
Aver. Hrs. per Direct Worker in Month	191	205	197	197	205	189	205	197	189	205	182	197	197
Net Direct Employment	14,351	14,180	13 371	12,051	11,488	11,455	11,400	11,355	11,201	10,854	10,402	9,670	8,873
Total Net Employment	27,445	26,033	25,717	23,984	22,672	22,291	22,038	21 893	21,536	20,902	20,216	19,128	17,820
	MAY												
A-26 Direct Man-Hours	1,518	1,482	1,389	1,392	1,247	1,296	1,222	1,149	1,216	1,063	1,130	1,111	1,120
B-17 Direct Man-Hours	788	597	414	218	201	217	208	200	215	191	206	205	213
C-74 Direct Man-Hours	126	367	380	398	406	484	491	475	489	382	282	146	68
All Other Direct Man-Hours	296	91	69	73	67	69	65	63	68	60	65	65	68
Total Direct Man-Hours	2,728	2,537	2,252	2,081	1,921	2,066	1,986	1,887	1,988	1,696	1,683	1,527	1,469
Aver. Hrs. per Direct Worker in Month	206	198	198	207	192	207	199	192	207	184	199	199	207
Net Direct Employment	13,216	12,813	11,374	10,053	10,005	9,981	9,980	9,828	9,604	9,217	8,457	7,673	7,097
Total Net Employment	25,821	24,723	22 528	20,527	19,900	19,487	19,262	19,048	18,686	18,098	16,931	15,540	14,200
	JUNE												
A-26 Direct Man-Hours	1,432	1,371	1,376	1,234	1,284	1,210	1,138	1,203	1,051	1,117	1,098	1,106	761
B-17 Direct Man-Hours	507	337	220	203	219	210	202	217	192	208	207	214	190
C-74 Direct Man-Hours	270	384	420	427	507	513	496	489	382	282	146	68	17
All Other Direct Man-Hours	171	123	75	68	69	65	63	68	60	65	65	68	63
Total Direct Man-Hours	2,380	2,215	2,091	1,932	2,079	1,998	1,899	1,977	1,685	1,672	1,516	1,456	1,031
Aver. Hrs. per Direct Worker in Month	201	199	207	191	207	199	191	207	184	199	199	207	191
Net Direct Employment	11,826	11,131	10,101	10,115	10,043	10,040	9,942	9,551	9,158	8,402	7,618	7,034	5,398
Total Net Employment	23,365	22,095	20,439	19,879	19,403	19,162	19,004	18,472	17,821	16,641	15,309	13,944	11,546

DOUGLAS, OKLAHOMA CITY

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
C-47 (R4D-1) Direct Man-Hours	378	568	922	1,251	1,533	1,709	1,957	2,166	2,340	2,708	2,7..	2,844	2,643
All Other Direct Man-Hours	0	22	63	122	162	192	255	282	304	352	358	370	344
Total Direct Man Hours	378	590	985	1,373	1,695	1,901	2,212	2,448	2,644	3,060	3,112	3,214	2,987
Aver. Hrs. per Direct Worker in Month	190	176	198	190	190	190	198	195	195	195	195	202	195
Direct Workers	2,483	3 352	4,977	7,225	8,918	10,007	11,172	12,556	13,560	15,695	15,960	15,910	15,318
Total Employees	6,480	8,200	10,200	13,200	15,400	17,200	19,300	20,700	22,800	24,935	25,500	25,150	24,558
	FEB.												
C-47 (R4D-1) Direct Man-Hours	534	922	1,251	1,533	1,709	1,957	2,166	2,340	2,708	2,754	2,844	2,643	2,408
All Other Direct Man-Hours	4	63	122	162	192	255	282	304	352	358	370	344	314
Total Direct Man-Hours	538	985	1,373	1,695	1,901	2,212	2,448	2,644	3,060	3,112	3,214	2,987	2,722
Aver. Hrs. per Direct Worker in Month	181	198	190	190	190	198	195	195	195	195	202	195	187
Direct Workers	3,208	4,977	7,225	8,918	10,007	11,172	12,556	13,560	15,695	15,960	15,910	15,318	14,559
Total Employees	8,056	10,200	13,200	15,400	17,200	19,300	20,700	22,800	24,935	25,500	25,150	24,558	23,799
	MAR.												
C-47 (R4D-1) Direct Man-Hours	802	1,312	1,579	1,740	1,972	2,166	2,340	2,708	2,754	2,844	2,643	2,408	2,452
All Other Direct Man-Hours	17	45	98	181	302	325	340	384	390	402	344	314	319
Total Direct Man-Hours	819	1,357	1,677	1,921	2,274	2,491	2,680	3,092	3,144	3,246	2,987	2,722	2,771
Aver. Hrs. per Direct Worker in Month	209	207	205	203	207	199	197	197	197	204	195	187	202
Direct Workers	3,915	6,555	8,180	9,463	10,985	12,517	13,604	15,695	15,960	15,910	15,318	14,559	13,686
Total Employees	9,065	12,084	14,247	16,775	18,980	20,640	22,844	24,935	25,500	25,150	24,558	23,799	22,926
	APR.												
C-47A (R4D-5) Direct Man-Hours	992	1,344	1,710	1,985	2,164	2,435	2,715	2,862	2,892	2,736	2,563	2,523	2,008
All Other Direct Man Hours	36	67	135	237	265	280	282	282	292	274	256	252	201
Total Direct Man Hours	1,028	1,411	1,845	2,222	2,429	2,715	2,997	3,144	3,184	3,010	2,819	2,775	2,209
Aver. Hrs. per Direct Worker in Month	210	205	203	207	199	197	197	197	204	195	187	202	187
Direct Workers	4,880	6,882	9,089	10,736	12,206	13,781	15,214	15,960	15,610	15,435	15,075	13,737	11,812
Total Employees	10,798	13 538	16,597	18,814	20,754	22,595	24,274	25,500	25,150	24,975	24,615	23,277	21,352
	MAY												
C-47A (R4D-5) Direct Man-Hours	1,169	1,710	1,995	2,174	2,445	2 715	2,862	2,964	2,776	2,596	2,523	2,008	1,462
All Other Direct Man Hours	97	145	227	255	270	282	282	292	274	256	252	201	146
Total Direct Man Hours	1,266	1,845	2 222	2,429	2,715	2,997	3,114	3,256	3,050	2,852	2,775	2,209	1,608
Aver. Hrs. per Direct Worker in Month	215	215	210	208	205	200	197	204	195	187	202	187	202
Direct Workers	5,890	8,581	10,581	11,677	13,243	14,985	15,960	15,960	15,641	15,251	13,737	11,812	7,960
Total Employees	12,738	15,915	18 797	20,107	22,063	24,045	25,500	25,500	25,181	24,791	23,277	21,352	17,500
	JUNE												
C-47A (R4D-5) Direct Man-Hours	1,321	1,679	1,818	1,980	2,156	2,399	2,849	2,652	2,481	2,576	2,319	2,356	—
C-47A Direct Man-Hours	—	—	—	—	—	—	—	—	—	11	35	87	2,466
All Other Direct Man-Hours	151	178	196	217	235	265	276	205	246	259	235	254	247
Total Direct Man-Hours	1,472	1,857	2,014	2,197	2,391	2,664	3,125	2,917	2,707	2,846	2,589	2,797	2,713

DOUGLAS, OKLAHOMA CITY (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
Aver. Hrs per Direct Worker in Month	206	210	208	208	205	200	201	195	187	202	187	202	195
Direct Workers	7,160	8,843	9,683	10,562	11,663	13,320	15,550	14,960	14,476	14,089	13,845	13,846	13,912
Total Employees	14,758	17,240	18,856	20,190	21,450	23,150	25,500	24,910	24 426	24 039	23,795	23,796	23 862
	JULY												
C-47A (R4D-5) Direct Man-Hours	1,778	1,869	2,083	2,225	2,425	2,849	2,652	2,461	2,576	2 319	2,456	—	—
C-47A Direct Man-Hours	—	—	—	—	—	—	—	—	11	35	87	2,466	2 491
All Other Direct Man-Hours	157	196	217	235	265	276	265	246	259	235	254	247	249
Total Direct Man-Hours	1,935	2,065	2,300	2,460	2,690	3,125	2,917	2,707	2 846	2,589	2,797	2,713	2,740
Aver. Hrs. per Direct Worker in Month	217	208	208	205	200	201	195	187	202	187	202	195	199
Direct Workers	8,924	9,928	11,057	12,000	13,450	15,550	14,960	14,476	14,089	13,845	13,846	13,912	13,768
Total Employees	17,302	19,101	20,685	21,787	23,280	25,500	24,910	24,426	24,039	23,795	23,796	23,862	23,718
	AUG.												
C-47A (R4D-5) Direct Man-Hours	1,851	2,026	2,325	2,615	3,024	2,815	2,612	2,734	2,461	2,607	—	—	—
C-47A Direct Man-Hours	—	—	—	—	—	—	—	12	37	92	2,617	2,644	2,790
All Other Direct Man-Hours	175	162	186	209	242	225	209	220	200	216	209	212	223
Total Direct Man-Hours	2,026	2,188	2,511	2,824	3,266	3,040	2,821	2,966	2,698	2,915	2,826	2,856	3,013
Aver. Hrs. per Direct Worker in Month	199	199	201	201	205	200	192	202	187	202	200	199	207
Direct Workers	10,154	11,000	12,490	14,050	15,900	15,200	14,690	14,680	14,430	14,430	14,130	14,352	14,556
Total Employees	19,034	20,628	22.277	23,880	25,850	25,150	24,640	24,630	24,380	24,380	24,080	24,302	24,503
	SEPT.												
C-47A (R4D-5) Direct Man-Hours	2,019	2,031	2,124	2,366	2,481	2,535	2,780	2,730	3,090	3,149	3,175	3,192	3,063
All Other Direct Man-Hours	170	163	170	189	198	203	222	219	247	252	254	255	245
Total Direct Man-Hours	2,189	2,194	2,294	2,555	2,679	2,738	3,002	2,949	3,337	3,401	3,429	3,447	3,308
Aver. Hrs. per Direct Worker in Month	202	202	201	205	200	192	200	187	202	200	199	201	199
Direct Workers	10,818	10,860	11,414	12,464	13,395	14,260	15,010	15,770	16,520	17,005	17,233	17,147	16,625
Total Employees	19,820	19,912	20,516	21,614	22,731	23,782	24,718	25,664	26,600	27,271	27,500	27,414	26,892
	OCT.												
C-47A (R4D-5) Direct Man-Hours	2,232	2,129	2,129	2,199	2,362	2,808	2,817	3,145	3,019	3,042	3,042	2,906	2,758
All Other Direct Man-Hours	152	170	170	176	189	225	225	252	242	243	243	232	221
Total Direct Man-Hours	2,384	2,299	2,299	2,375	2,551	3,033	3,042	3,397	3,261	3,285	3,285	3,138	2,979
Aver. Hrs. per Direct Worker in Month	197	198	199	199	192	207	192	207	199	199	207	199	199
Direct Workers	12,073	11,610	11,600	11,900	13,300	14,650	15,840	16,400	16,400	16,500	15,860	15,760	14,960
Total Employees	21,165	21,000	21,000	21,927	23,308	24,650	25,879	26,450	26,600	26,700	26,060	25,960	25,160
	NOV.												
C-47A (R4D-5) Direct Man-Hours	2,124	19,37	1,698	1,746	2,008	1,947	2,177	2,178	2,260	2,305	2,104	2,000	1,886
All Other Direct Man-Hours	148	148	129	133	152	148	166	166	172	175	161	153	144
Total Direct Man-Hours	2,272	2,085	1,827	1,879	2,160	2,095	2,343	2,344	2,432	2,480	2,265	2,153	2,030
Aver. Hrs. per Direct Worker in Month	181	189	182	175	191	177	193	189	189	196	188	189	188
Direct Workers	12,544	11,030	10,039	10,739	11,299	11,831	12,109	12,433	12,900	12,666	12,017	11,420	10,770
Total Employees	21,827	20,230	19,189	20,039	20,799	21,491	21,819	22,183	22,700	22,232	21,150	20,099	18,955
	DEC.												
C-47A (R4D-5) Direct Man-Hours	1,964	1,812	1,801	2,028	1,974	2,268	2,326	2,464	2,508	2,354	2,269	2,181	2,128
All Other Direct Man-Hours	127	138	137	155	150	173	177	188	191	179	173	166	162
Total Direct Man-Hours	2,091	1,950	1,938	2,183	2,124	2,441	2,503	2,652	2,699	2,533	2,442	2,347	2,290
Aver. Hrs. per Direct Worker in Month	173	168	166	182	169	183	175	174	182	176	176	176	175
Direct Workers	12,115	11,581	11,681	11,984	12,578	13,316	14,340	15,262	14,852	14,391	13,910	13,347	13,060
Total Employees	22,009	20,959	21,210	21,715	22,471	23,261	24,327	25,300	24,636	23,872	23,073	22,139	21,663
	1944 JAN.												
C-47A (R4D-5) Direct Man-Hours	1,909	2,157	2,383	2,252	2,491	2,473	2,314	2,504	2,238	2,125	2,056	2,001	2,032
All Other Direct Man-Hours	113	164	182	172	190	188	176	191	171	162	157	153	155
Total Direct Man-Hours	2,022	2,321	2,565	2,424	2,681	2,661	2,490	2,695	2,409	2,287	2,213	2,154	2,187
Aver. Hrs. per Direct Worker in Month	190	203	214	196	211	201	176	183	180	180	180	180	187
Direct Workers	10,647	11,455	11,985	12,355	12,877	13,247	14,142	14,700	13,397	12,716	12,307	11,981	11,708
Total Employees	19,537	20,236	20,835	21,265	21,677	22,322	23,277	23,900	22,397	21,491	21,007	20,581	20,208
	FEB.												
C-47A (R4D-5) Direct Man-Hours	2,025	2,383	2,252	2,491	2,473	2,314	2,497	2 238	2,125	2,056	2,001	2,032	1 705
All Other Direct Man-Hours	159	182	172	190	188	176	190	171	162	157	153	155	130
Total Direct Man-Hours	2,184	2,565	2,424	2,681	2,661	2,490	2,687	2,409	2,287	2,213	2,154	2,187	1,835
Aver. Hrs. per Direct Worker in Month	207	221	202	218	207	185	191	185	185	185	185	193	171
Direct Workers	10,526	11,625	11,984	12,297	12,850	13,449	14,065	12,995	12,335	11,938	11,822	11,357	10,723
Total Employees	19,211	20,325	20,684	21,027	21,652	22,266	22,892	21,725	20,847	20,377	19,964	19,602	18,871
	MAR.												
C-47A (R4D-5) Direct Man-Hours	2,306	2,252	2,491	2,473	2,314	2,497	2,238	2,125	2,056	2,001	2,033	1,705	1,571
All Other Direct Man-Hours	168	172	190	188	176	190	171	162	157	153	155	130	120
Total Direct Man-Hours	2,474	2,424	2,681	2,661	2,490	2,687	2,409	2,287	2,213	2,154	2,187	1,835	1,691

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS; DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, OKLAHOMA CITY (Cont'd.)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
Aver. Hrs. per Direct Worker in Month	227	[illegible]	[illegible]	207	185	91	185	185	185	85	193	171	193
Direct Workers	10,519	[illegible]	[illegible]	8,850	13,149	11,465	12,995	12,335	11,938	11,622	11,357	10,723	8,782
Total Employees	17,184	[illegible]	[illegible]	16,662	22,266	22,892	21,725	20,847	20,377	19,964	19,602	18,871	16,930
	APR.												
C-47 (AAID-5) Direct Man-Hours	1,988	2,191	2,143	2,311	2,197	2,238	2,125	2,036	2,002	2,032	1,705	1,571	—
All Other Direct Man-Hours	432	490	488	176	190	171	162	157	153	155	130	120	—
Total Direct Man-Hours	2,420	2,681	2,661	2,490	2,687	2,409	2,287	2,213	2,154	2,187	1,835	1,691	—
Aver. Hrs. per Direct Worker in Month	184	198	207	185	191	185	185	185	185	193	171	193	—
Direct Workers	11,337	12,297	12,850	13,449	11,065	12,995	12,335	11,938	11,622	11,357	10,723	8,782	—
Total Employees	20,153	21,127	21,652	22,266	22,892	21,725	20,847	20,377	19,964	19,602	18,871	16,930	—
	MAY												
C-47 Direct Man-Hours	2,600	2,634	2,554	2,591	2,418	2,329	2,263	2,235	2,310	2,042	2,293	2,112	—
All Other Direct Man-Hours	10	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,610	2,634	2,554	2,591	2,418	2,329	2,263	2,235	2,310	2,042	2,293	2,112	—
Aver. Hrs. per Direct Worker in Month	222	215	195	203	196	196	196	196	204	181	204	189	—
Net Direct Employment	11,753	12,237	13,030	12,765	12,309	11,861	11,561	11,397	11,352	11,306	11,261	11,170	—
Total Net Employment	20,579	21,659	22,492	22,229	21,662	20,982	20,600	20,334	20,190	20,046	19,999	19,905	—
	JUNE												
C-47 Direct Man-Hours	2,584	2,534	2,591	2,418	2,329	2,263	2,235	2,310	2,042	2,293	2,112	—	—
All Other Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,587	2,534	2,591	2,418	2,329	2,263	2,235	2,310	2,042	2,293	2,112	—	—
Aver. Hrs. per Direct Worker in Month	214	202	204	193	190	190	192	203	182	206	192	—	—
Net Direct Employment	12,089	12,572	12,672	12,557	12,240	11,904	11,616	11,405	11,232	11,107	111,01	—	—
Total Net Employment	30,996	21,455	21,533	21,355	21,010	20,618	20,349	20,080	19,837	19,683	19,487	—	—
	JULY												
C-47 Direct Man-Hours	2,467	2,590	2,375	2,206	2,098	2,066	2,128	1,873	2,081	1,927	2,081	2,004	2,004
All Other Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,469	2,590	2,375	2,206	2,098	2,066	2,128	1,873	2,081	1,927	2,081	2,004	2,004
Aver. Hrs. per Direct Worker in Month	202	212	196	187	182	184	193	173	194	181	196	189	189
Net Direct Employment	12,223	12,196	12,131	11,825	11,500	11,223	11,018	10,851	10,731	10,638	10,624	10,610	10,601
Total Net Employment	21,088	21,482	20,870	20,456	20,015	19,620	19,305	19,030	18,801	18,603	18,493	18,364	18,278
	AUG.												
C-47 Direct Man-Hours	2,588	2,340	2,299	2,076	1,829	1,656	1,365	1,467	1,325	1,414	1,361	1,361	1,408
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,588	2,340	2,299	2,076	1,829	1,656	1,365	1,467	1,325	1,414	1,361	1,361	1,408
Aver. Hrs. per Direct Worker in Month	207	195	195	195	188	202	180	202	188	202	195	195	202
Net Direct Employment	12,513	12,019	11,790	10 646	9,729	8,198	7,583	7,262	7,048	7,000	6,979	6,979	6,970
Total Net Employment	21,718	20,889	20,260	18,716	17,399	15,468	14,308	13,702	13,298	13,208	13,168	13,168	13,150
	SEPT.												
C-47 Direct Man-Hours	2,322	2,003	1,780	1,516	1,522	1,295	1,429	1,308	1,410	1,359	1,359	1,410	1,306
All Other Direct Man-Hours	0	4	25	52	70	70	83	76	75	62	32	0	0
Total Direct Man-Hours	2,322	2,007	1,805	1,568	1,592	1,365	1,512	1,384	1,485	1,421	1,391	1,410	1,306
Aver. Hrs. per Direct Worker in Month	199	195	195	188	202	180	202	188	202	195	195	202	188
Net Direct Employment	11,652	10,292	9,256	8,340	7,881	7,583	7,485	7,362	7,351	7,287	7,133	6,980	6,947
Total Net Employment	20,213	18,202	16,756	15,540	14,836	14,247	14,032	13,847	13,809	13,695	13,475	13,070	13,021
	OCT.												
C-47 Direct Man-Hours	2,089	1,780	1,516	1 522	1,295	1,429	1,308	1,410	1,359	1,359	1 410	1,306	1,410
All Other Direct Man-Hours	6	112	369	593	688	878	804	851	806	788	795	747	795
Total Direct Man-Hours	2,095	1,892	1,885	2,115	1,983	2,307	2,112	2,261	2,165	2,147	2,205	2,053	2,205
Aver. Hrs. per Direct Worker in Month	200	196	188	202	181	203	188	203	196	196	203	189	203
Net Direct Employment	10,459	9,653	10,027	10,470	10,956	11,365	11,234	11,138	11,046	10,954	10,862	10,862	10,862
Total Net Employment	15,288	17 301	18,071	18,917	19,864	20,682	20,542	20,371	20,202	20,034	19,865	19,865	19,865
	NOV.												
C-47 Direct Man-Hours	1,897	1 516	1,522	1,295	1,429	1,308	1,410	1,359	1,359	1,410	1,306	1,410	1,359
All Other Direct Man-Hours	62	296	431	496	629	679	714	659	619	601	598	601	583
Total Direct Man-Hours	1,959	1,812	1,953	1 791	2,058	1,987	2,124	2,018	1,978	2,011	1,872	2,011	1,942
Aver. Hrs. per Direct Worker in Month	202	188	202	180	202	188	202	195	195	202	188	202	195
Net Direct Employment	8,691	9,638	9,668	9,950	10,188	10,569	10,515	10,349	10,144	9,955	9,957	9,955	9,959
Total Net Employment	17 201	17 256	17,388	17,767	18,142	18,650	18,698	18,639	18,508	18,401	18,420	18,432	18,441
	DEC.												
C-47 Direct Man-Hours	1,638	1,522	1,295	1,429	1,308	1,410	1,359	1,359	1,410	1,306	1,410	1,359	1,306
All Other Direct Man-Hours	211	431	506	695	727	706	656	656	676	636	676	656	636
Total Direct Man-Hours	1,849	1 953	1,801	2 124	2,035	2,116	2,015	2,015	2,086	1,942	2,086	2,015	1,942

DOUGLAS, OKLAHOMA CITY (Cont'd.)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
Aver. Hrs. per Direct Worker in Month	197	202	180	202	188	202	[illegible]	[illegible]	[illegible]	185	202	188	[illegible]
Net Direct Employment	9,106	9,668	10,006	10,515	10,824	10,475	10 [illegible]	[illegible]	[illegible]	[illegible]	10,327	10,330	13,527
Total Net Employment	16 894	17,496	18,076	18,906	19,539	19,165	18,9[illegible]	[illegible]	[illegible]	[illegible]	15,998	15,999	16,021
	1945 JAN.												
C-47 Direct Man-Hours	1,624	1,295	1,429	1,297	1,398	1,354	1 380	1 305	1 059	1,019	$89	768	717
All Other Direct Man-Hours	528	593	757	838	987	1,006	964	979	$76	$98	$32	798	791
Total Direct Man-Hours	2 152	1,888	2,186	2,135	2,385	2,360	2 344	2 284	1 935	1,917	1,721	1,566	1,508
Aver. Hrs. per Direct Worker in Month	221	180	202	188	202	195	195	202	188	202	195	188	202
Net Direct Employment	9,754	10,489	10,822	11,357	11,807	12,100	12,019	11 347	10 293	9,491	8,827	8,328	7,465
Total Net Employment	17,483	18,368	18,799	19,787	20,587	21,036	20,856	19,619	17 863	16,469	15,820	14,238	12,963
	FEB.												
C-47 Direct Man-Hours	1,360	1,429	1,297	1,398	1,354	1,380	1,305	1 059	1,019	$89	768	717	616
All Other Direct Man-Hours	643	779	859	998	974	964	979	$76	$98	$32	798	791	677
Total Direct Man-Hours	2,003	2,208	2,156	2,396	2,328	2,344	2 284	1 935	1,917	1,721	1,566	1,508	1,293
Aver. Hrs. per Direct Worker in Month	194	202	188	202	195	195	202	188	202	195	188	202	180
Net Direct Employment	10,317	10,931	11,468	11,861	11,938	12,021	11,307	10 293	9,490	8,826	8,330	7,465	7,183
Total Net Employment	18,204	18,975	19,726	20,445	20,693	20,835	19,600	17,838	16,441	15,293	14,429	12,932	12,440
	MAR.												
C-47 Direct Man-Hours	1,425	1,297	1,398	1,354	1,380	1,305	1,059	1 019	$89	768	717	616	692
All Other Direct Man-Hours	859	849	849	837	849	887	817	$82	$49	817	882	784	878
Total Direct Man-Hours	2,284	2,146	2,247	2,191	2,229	2,192	1,876	1,901	1,738	1,585	1,599	1,400	1,570
Aver. Hrs. per Direct Worker in Month	217	196	202	195	195	202	188	202	195	188	202	180	202
Net Direct Employment	10,533	10,949	11,124	11,236	11,431	10,851	9,979	9,411	8,913	8,431	7,916	7,778	7,772
Total Net Employment	18,612	19,077	19,292	19,488	19,827	18,821	17,305	16 317	15,457	14,619	13,724	13,489	13,476
	APR.												
C-47 Direct Man-Hours	1,268	1,398	1,354	1,380	1,305	1,059	1,019	$89	768	717	616	692	654
All Other Direct Man-Hours	854	849	837	849	887	817	$82	$49	817	882	784	878	855
Total Direct Man-Hours	2,122	2,247	2,191	2,229	2,192	1,876	1,901	1,738	1,585	1,599	1,400	1,570	1,509
Aver. Hrs. per Direct Worker in Month	201	202	195	195	202	188	202	195	188	202	180	202	195
Net Direct Employment	10,576	11,124	11,236	11,431	10,851	9,979	9,411	8,913	8,431	7,916	7,778	7,772	7,740
Total Net Employment	18,775	19,486	19,680	20,018	19,003	17,479	16,485	15,617	14,777	13,880	13,643	13,630	13,594
	MAY												
C-47 Direct Man-Hours	1,340	1,234	1,168	993	734	605	459	370	404	360	390	390	404
All Other Direct Man-Hours	808	720	675	654	555	583	563	524	504	449	486	486	504
Total Direct Man-Hours	2,148	1,954	1,843	1,647	1,289	1,188	1,022	894	908	809	876	876	908
Aver. Hrs. per Direct Worker in Month	209	195	195	202	188	202	195	188	202	180	195	195	202
Net Direct Employment	10,294	10,021	9,451	8,153	6,856	5,881	5,241	4,755	4,495	4,494	4,492	4,492	4,495
Total Net Employment	18,530	17,576	16,674	15,009	13,345	12,014	11,035	10,014	9,465	9,464	9,462	9,461	9 463
	JUNE												
C-47 Direct Man-Hours	1,269	1,168	993	734	605	459	370	404	360	390	390	404	376
All Other Direct Man-Hours	608	675	654	555	583	563	524	504	449	486	486	504	469
Total Direct Man-Hours	1,877	1,843	1,647	1,289	1,188	1,022	894	908	809	876	876	908	845
Aver. Hrs. per Direct Worker in Month	199	195	202	188	202	195	188	202	180	195	195	202	188
Net Direct Employment	9,423	9,451	8,153	6,856	5,881	5,241	4,755	4,495	4,494	4 492	4,492	4,495	4,495
Total Net Employment	17,324	16,974	15,309	13,645	12,314	11,335	10 314	9,765	9,764	9,762	9,761	9,763	9,763

DOUGLAS, SANTA MONICA

Item	Report Month Actual	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
A-20G Direct Man-Hours	2,061	2,400	2,137	1,994	1,695	1,515	1,442	1,494	1,438	1 308	1,434	1 294	1,366
C-53 Direct Man-Hours	418	345	203	—	—	—	—	—	—	—	—	—	—
C-54A Direct Man-Hours	380	514	657	713	844	851	851	884	851	782	765	594	194
C-74 Direct Man-Hours	1	46	60	69	92	119	142	175	195	229	299	313	370
All Other Direct Man-Hours	390	562	591	508	462	447	442	459	446	425	450	406	423
Total Direct Man-Hours	3,250	3,867	3,948	3,284	3,093	2,932	2 877	3,012	2,930	2,804	2,948	2,607	2,653
Aver. Hrs. per Direct Worker in Month	186	186	194	186	186	186	186	194	186	179	194	179	194
Direct Workers	17,458	20,758	20,383	17,625	16,609	15,739	15,441	15,552	14,728	15,655	15,219	14,556	13,694
Total Employees	42,167	46,795	45,027	40,426	38,752	36,724	35 942	35,920	34,098	35 440	34,349	32 690	30 638
	JUNE												
A-20G Direct Man-Hours	1,859	2,131	2,217	1,983	1,718	1,588	1,565	1,593	1,446	1,547	1,400	1,463	1,377
C-53 Direct Man-Hours	364	202	—	—	—	—	—	—	—	—	—	—	—
C-54A Direct Man-Hours	366	520	684	822	859	815	807	759	715	757	686	725	663
C-74 Direct Man-Hours	1	3	10	19	27	34	44	50	55	70	81	120	130
All Other Direct Man-Hours	451	513	490	462	433	419	423	407	390	419	385	413	394
Total Direct Man-Hours	3,041	3,369	3,401	3,286	3,037	2,856	2,839	2,719	2,606	2,793	2,552	2,727	2,564

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, SANTA MONICA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
Aver. Hrs. per Direct Worker in Month	178	178	178	178	178	185	178	172	185	172	185	178
Direct Workers	17,049	38,820	40,270	43,130	39,675	36,780	35,485	35,250	35,050	34,730	34,140	33,640	33,011
Total Employees	42,146												
	JULY												
A-20G Direct Man-Hours	1,868	2,219	2,247	2,280	2,010	1,710	1,616	1,531	1,621	1,483	1,353	1,437	1,361
C-54 Direct Man-Hours	164	—	—	—	—	—	—	—	—	—	—	—	—
C-54A Direct Man-Hours	384	555	764	887	887	853	793	743	773	688	710	631	569
C-54B Direct Man-Hours	3	10	19	27	35	41	50	55	70	81	119	150	181
All Other Direct Man-Hours	578	550	558	515	500	422	498	476	509	468	501	475	465
Total Direct Man-Hours	2,997	3,334	3,588	3,709	3,472	3,129	2,957	2,805	2,973	2,720	2,683	2,696	2,582
Aver. Hrs. per Direct Worker in Month	181	174	174	174	174	181	174	167	181	167	181	174	174
Direct Workers	16,589	20,309	20,647	20,361	19,974	17,328	17,012	16,797	16,464	16,289	15,963	15,511	14,854
Total Employees	41,250	44,709	44,847	44,161	43,071	39,928	39,149	38,524	37,586	37,011	36,198	35,150	33,614
	AUG.												
A-20G Direct Man-Hours	1,815	2,133	2,212	1,888	1,715	1,611	1,519	1,604	1,451	1,534	1,446	1,406	1,428
C-54A Direct Man-Hours	386	804	797	918	899	802	732	741	674	694	652	580	510
All Other Direct Man-Hours	557	582	594	524	514	482	457	486	445	475	453	442	447
Total Direct Man-Hours	2,758	3,319	3,603	3,330	3,128	2,895	2,708	2,834	2,570	2,703	2,551	2,428	2,385
Aver. Hrs. per Direct Worker in Month	175	175	175	175	181	175	168	181	168	181	175	175	181
Direct Workers	15,796	19,008	20,635	19,072	17,252	16,578	16,130	15,630	15,307	14,908	14,608	13,907	13,153
Total Employees	40,852	43,208	44,435	42,172	39,852	38,364	37,221	35,865	34,919	33,936	33,225	31,538	29,851
	SEPT.												
A-20G Direct Man-Hours	1,618	1,776	1,776	1,938	1,627	1,518	1,569	1,381	1,445	1,365	1,357	1,305	1,133
C-54A Direct Man-Hours	378	617	817	852	821	733	752	652	696	663	632	596	478
All Other Direct Man-Hours	467	457	479	498	451	421	445	399	426	407	401	403	367
Total Direct Man-Hours	2,643	2,850	3,072	3,288	2,899	2,672	2,766	2,432	2,567	2,435	2,390	2,304	1,978
Aver. Hrs. per Direct Worker in Month	167	167	167	174	167	161	174	161	174	167	167	174	167
Direct Workers	14,750	17,090	18,396	18,970	17,360	16,620	15,950	15,130	14,800	14,590	14,320	13,280	11,840
Total Employees	39,282	40,890	41,900	41,570	39,146	37,711	37,985	34,742	33,828	33,207	31,951	30,198	27,204
	OCT.												
A-20 Direct Man-Hours	1,757	1,786	1,752	1,789	1,658	1,551	1,600	1,395	1,452	1,386	1,375	1,400	1,318
C-54 Direct Man-Hours	389	362	370	348	300	267	268	288	276	262	285	312	308
All Other Direct Man-Hours	415	439	433	438	406	384	408	369	403	377	373	387	371
Total Direct Man-Hours	2,561	2,587	2,555	2,575	2,364	2,202	2,276	2,052	2,131	2,025	2,033	2,099	1,997
Aver. Hrs. per Direct Worker in Month	175	176	167	174	167	161	174	161	174	167	167	174	167
Direct Workers	14,670	15,492	15,293	14,840	14,150	13,687	13,119	12,761	12,280	12,119	12,174	12,098	11,756
Total Employees	37,818	39,292	38,393	37,479	35,936	34,778	33,507	32,299	31,282	30,736	29,805	28,796	27,140
	NOV.												
A-20 Direct Man-Hours	1,691	2,128	2,054	1,820	1,759	1,509	1,566	1,482	1,465	1,512	1,434	1,417	1,404
C-54 Direct Man-Hours	385	376	324	289	311	288	312	300	308	337	333	358	374
All Other Direct Man-Hours	446	584	532	468	450	396	404	332	329	339	327	329	330
Total Direct Man-Hours	2,522	3,088	2,910	2,577	2,520	2,193	2,282	2,114	2,102	2,188	2,094	2,104	2,108
Aver. Hrs. per Direct Worker in Month	202	209	202	194	209	194	209	202	202	209	202	202	202
Direct Workers	12,518	14,753	14,443	13,296	12,042	11,314	10,901	10,491	10,434	10,453	10,390	10,440	10,461
Total Employees	32,964	34,933	34,361	32,955	31,445	30,465	29,803	29,147	28,847	28,627	28,328	28,147	27,936
	DEC.												
A-20 Direct Man-Hours	1,697	19,941	1,535	1,581	1,483	1,557	1,465	1,434	1,458	1,371	1,345	1,317	1,298
C-54 Direct Man-Hours	330	347	318	330	300	316	298	293	301	286	330	401	443
All Other Direct Man-Hours	430	409	368	370	326	341	305	325	270	254	253	251	248
Total Direct Man-Hours	2,457	2,697	2,721	2,560	2,109	2,214	2,068	2,052	2,029	1,911	1,928	1,969	1,989
Aver. Hrs. per Direct Worker in Month	201	201	193	209	193	209	201	201	209	201	201	201	201
Direct Workers	12,236	13,433	13,070	12,421	10,924	10,619	10,297	10,217	9,733	9,518	9,602	9,803	9,905
Total Employees	31,005	31,247	29,963	28,257	25,851	24,785	23,653	22,809	21,606	20,713	20,226	20,586	20,801
	1944 JAN.												
A-20 Direct Man-Hours	1,733												
C-54 Direct Man-Hours	353												
All Other Direct Man-Hours	426												
Total Direct Man-Hours	2,512												
Aver. Hrs. per Direct Worker in Month	188												
Direct Workers	13,327												
Total Employees	30,904												
	FEB.												
A-20 Direct Man-Hours	1,673	1,589	1,142	1,521	1,387	1,327	1,350	1,270	1,244	1,213	1,192	1,210	1,060
C-54 Direct Man-Hours	354	335	281	303	303	316	333	329	357	376	389	421	388
All Other Direct Man-Hours	387	411	375	400	384	384	399	384	356	262	258	269	239
Total Direct Man-Hours	2,414	2,335	2,098	2,224	2,074	2,027	2,082	1,983	1,957	1,851	1,839	1,900	1,685

DOUGLAS, SANTA MONICA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB.												
Aver. Hrs. per Direct Worker in Month	195	211	195	211	203	203	211	203	203	203	203	211	187
Direct Workers	12,377	11,087	10,756	10,589	10,228	9,993	9,887	9,780	9,649	9,128	9,068	9,021	9,003
Total Employees	29,289	27,272	26,245	25,411	24,412	23,567	22,877	22,211	21,545	21,042	20,462	19,447	18,981
	MAR.												
A-20 Direct Man-Hours	1,806	1,458	1,566	1,421	1,374	1,391	1,304	1,265	1,251	1,296	1,211	1,060	1,179
C-54 Direct Man-Hours	388	306	308	299	306	324	331	358	374	338	421	386	443
All Other Direct Man-Hours	392	361	301	392	392	407	383	325	270	270	280	249	280
Total Direct Man-Hours	2,586	2,125	2,275	2,112	2,072	2,122	2,018	1,948	1,875	1,854	1,912	1,695	1,902
Aver. Hrs. per Direct Worker in Month	213	195	211	203	203	211	203	203	203	203	211	187	211
Direct Workers	12,125	10,899	10,801	10,416	10,217	10,078	9,953	9,605	9,248	9,140	9,079	9,056	9,033
Total Employees	28,946	27,126	26,450	25,496	24,740	24,074	23,462	22,632	21,811	21,255	20,754	20,323	19,906
	APR.												
A-20 Direct Man-Hours	1,463	1,431	1,213	1,148	1,152	1,066	1,027	988	949	950	832	923	842
C-54 Direct Man-Hours	434	522	563	607	652	624	598	563	533	535	484	562	516
All Other Direct Man-Hours	319	328	314	353	389	359	305	236	225	224	208	234	216
Total Direct Man-Hours	2,216	2,281	2,090	2,108	2,193	2,049	1,930	1,787	1,707	1,719	1,524	1,719	1,604
Aver. Hrs. per Direct Worker in Month	195	211	203	203	211	203	203	203	203	211	187	211	195
Direct Workers	11,380	10,831	10,307	10,392	10,155	10,104	9,516	8,811	8,416	8,160	8,139	8,160	8,224
Total Employees	27,758	26,669	25,577	25,155	24,340	23,779	22,701	21,523	20,673	19,970	19,540	19,166	18,836
	MAY												
A-20 Direct Man-Hours	1,455	1,226	1,114	999	338	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	493	555	620	657	602	585	624	700	873	868	1,076	1,104	1,296
All Other Direct Man-Hours	302	266	308	384	351	286	198	159	180	164	190	182	202
Total Direct Man-Hours	2,250	2,047	2,042	2,040	1,291	871	822	859	1,053	1,032	1,266	1,286	1,498
Aver. Hrs. per Direct Worker in Month	215	203	202	211	203	203	203	203	211	187	211	195	211
Direct Workers	10,444	10,093	10,092	9,689	6,365	4,297	4,053	4,234	5,000	5,515	6,009	6,593	7,113
Total Employees	25,966	24,843	23,692	22,439	18,165	15,347	14,403	13,784	13,950	13,915	13,729	13,845	14,937
	JUNE												
A-20 Direct Man-Hours	1,296	1,201	1,089	474	95	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	514	626	774	806	845	891	906	1,084	1,042	1,221	1,169	1,305	1,294
X-B-43 Direct Man-Hours	27	14	33	99	136	124	73	24	2	—	—	—	—
X-B-42 Direct Man-Hours	25	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	175	220	246	241	234	196	193	219	200	229	215	236	230
Total Direct Man-Hours	2,037	2,061	2,142	1,620	1,310	1,211	1,172	1,327	1,244	1,450	1,384	1,541	1,524
Aver. Hrs. per Direct Worker in Month	195	195	203	195	195	195	190	203	181	203	190	203	195
Net Direct Employment	10,473	10,596	10,531	8,329	6,735	6,226	6,175	6,524	6,881	7,129	7,292	7,576	7,835
Total Net Employment	24,469	23,416	21,590	17,821	15,749	15,135	15,094	15,483	15,801	16,155	16,638	17,249	17,583
	JULY												
A-20 Direct Man-Hours	1,132	1,102	476	95	—	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	626	767	800	839	887	903	1,079	1,036	1,217	1,167	1,306	1,297	1,328
X-B-43 Direct Man-Hours	24	43	81	102	96	72	55	30	11	—	—	—	—
X-B-42 Direct Man-Hours	11	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	173	213	237	247	231	193	219	200	229	215	236	230	230
Total Direct Man-Hours	1,966	2,125	1,594	1,283	1,214	1,168	1,353	1,266	1,457	1,382	1,542	1,527	1,558
Aver. Hrs. per Direct Worker in Month	198	208	198	198	198	193	207	184	207	193	207	198	198
Net Direct Employment	9,956	10,286	8,071	6,496	6,147	6,058	6,549	6,895	7,052	7,168	7,464	7,732	7,889
Total Net Employment	22,735	23,468	20,402	17,939	16,818	16,495	17,172	17,682	17,941	18,122	18,490	18,853	19,101
	AUG.												
A-20 Direct Man-Hours	996	427	126	50	31	23	12	5	—	—	—	—	—
C-54 Direct Man-Hours	692	732	829	847	886	1,085	1,043	1,225	1,171	1,305	1,293	1,326	1,399
X-B-43 Direct Man-Hours	21	45	89	104	90	56	34	25	23	13	10	5	—
X-B-42 Direct Man-Hours	12	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	231	236	228	199	180	194	172	194	180	194	186	186	194
Total Direct Man-Hours	1,952	1,440	1,272	1,200	1,187	1,358	1,261	1,449	1,374	1,512	1,489	1,517	1,593
Aver. Hrs. per Direct Worker in Month	206	197	197	197	192	206	183	206	192	206	197	197	206
Net Direct Employment	9,483	7,328	6,473	6,107	6,186	6,599	6,898	7,041	7,160	7,347	7,578	7,720	7,741
Total Net Employment	22,209	20,045	18,210	16,803	16,613	17,202	17,683	17,954	18,155	18,439	18,752	18,935	18,972
	SEPT.												
A-20 Direct Man-Hours	382	126	50	31	23	12	5	—	—	—	—	—	—
C-54 Direct Man-Hours	775	915	923	875	953	1,007	1,298	1,300	1,430	1,381	1,371	1,373	1,198
X-B-43 Direct Man-Hours	26	31	37	41	50	49	60	60	62	40	17	1	—
X-B-42 Direct Man-Hours	10	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	255	266	272	221	197	172	194	180	194	186	186	194	180
Total Direct Man-Hours	1,448	1,338	1,282	1,168	1,223	1,240	1,557	1,540	1,686	1,607	1,574	1,568	1,378

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, SANTA MONICA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	SEPT.											
All Other Direct Man-Hours	84	91	86	99	177	199	186	199	191	191	199	186
Total Direct Man-Hours	6,430	6,276	6,148	6,998	7,808	8,243	8,455	8,436	8,262	7,864	7,405
Aver. Hrs. per Direct Worker in Month	174	174	174	174	174	174	174	174	174	174	174	174
Net Direct Employment	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242
Total Net Employment	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242	17,242
	OCT.											
A-29 Direct Man-Hours	53	33	21	18	8	4	—	—	—	—	—	—
C-54 Direct Man-Hours	760	823	921	1,140	1,101	1,290	1,246	1,401	1,407	1,465	1,569	1,453	1,568
X-B-43 Direct Man-Hours	44	37	11	19	19	60	60	59	38	17	5	—	—
X-B-42 Direct Man-Hours	10	15	28	11	36	9	—	—	—	—	—	—	—
All Other Direct Man-Hours	244	257	239	179	132	158	159	190	197	197	205	190	205
Total Direct Man-Hours	1,388	1,164[3]	1,250	1,427	1,326	1,522[3]	1,465	1,650	1,642	1,679	1,779	1,643	1,773
Aver. Hrs. per Direct Worker in Month	197	197	190	205	182	205	190	205	197	197	205	190	205
Net Direct Employment	5,923	5,903	6,579	6,968	7,278	7,432	7,711	8,057	8,327	8,514	8,687	8,647	8,657
Total Net Employment	17,522	17,073	17,935	18,446	18,725	18,865	19,266	19,822	20,283	20,632	20,890	20,926	20,812
	NOV.											
A-29 Direct Man-Hours	29	11	8	4	1	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	807	921	1,140	1,101	1,290	1,246	1,401	1,107	1,465	1,569	1,453	1,569	1,449
X-B-43 Direct Man-Hours	56	38	48	49	60	60	59	38	17	5	—	—	—
X-B-42 Direct Man-Hours	23	36	41	36	9	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	251	239	179	132	158	159	190	197	197	205	190	205	197
Total Direct Man-Hours	1,116	1,245	1,416	1,322	1,518	1,465	1,650	1,642	1,679	1,779	1,643	1,774	1,646
Aver. Hrs. per Direct Worker in Month	194	186	201	179	201	186	201	194	194	201	186	201	194
Net Direct Employment	5,922	6,694	7,048	7,402	7,556	7,876	8,213	8,486	8,677	8,855	8,833	8,830	8,506
Total Net Employment	17,243	18,144	18,405	18,738	18,874	19,298	19,853	20,360	20,727	20,978	20,967	20,981	20,669
	DEC.											
A-29 Direct Man-Hours	12	8	4	1	—	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	884	1,140	1,101	1,290	1,246	1,401	1,407	1,465	1,569	1,453	1,569	1,449	1,358
X-B-43 Direct Man-Hours	38	47	48	58	59	59	38	17	5	—	—	—	—
X-B-42 Direct Man-Hours	42	41	36	9	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	287	232	206	232	214	232	232	254	270	250	270	260	260
Total Direct Man-Hours	1,213	1,468	1,395	1,590	1,519	1,692	1,677	1,736	1,844	1,703	1,839	1,709	1,618
Aver. Hrs. per Direct Worker in Month	201	217	193	217	201	217	209	209	217	201	217	209	201
Net Direct Employment	6,024	6,753	7,220	7,314	7,546	7,783	8,009	8,290	8,482	8,460	8,459	8,161	8,038
Total Net Employment	17,279	17,840	18,461	18,582	18,855	19,200	19,591	20,066	20,358	20,348	20,357	19,935	19,481
	1945 JAN.											
A-29 Direct Man-Hours	3	2	1	—	—	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	1,092	1,136	1,325	1,276	1,435	1,437	1,487	1,585	1,472	1,585	1,467	1,314	1,317
X-B-43 Direct Man-Hours	53	71	124	104	65	20	9	—	—	—	—	—	—
X-B-42 Direct Man-Hours	44	34	6	1	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	212	208	213	181	259	266	278	297	274	297	286	274	297
Total Direct Man-Hours	1,404	1,451	1,669	1,562	1,759	1,723	1,774	1,882	1,746	1,882	1,753	1,588	1,614
Aver. Hrs. per Direct Worker in Month	213	189	213	197	213	205	205	213	197	213	205	197	213
Net Direct Employment	6,591	7,665	7,836	7,921	8,258	8,405	8,649	8,836	8,854	8,836	8,547	8,053	7,577
Total Net Employment	17,725	19,098	19,231	19,262	19,641	19,813	20,009	20,088	20,078	20,073	19,781	19,292	18,821
	FEB.											
A-29 Direct Man-Hours	2	1	—	—	—	—	—	—	—	—	—	—	—
C-54 Direct Man-Hours	1,121	1,334	1,282	1,438	1,439	1,488	1,586	1,473	1,586	1,469	1,263	1,334	1,102
X-B-43 Direct Man-Hours	71	123	103	64	20	9	—	—	—	—	—	—	—
X-B-42 Direct Man-Hours	32	6	1	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	197	237	241	263	281	297	315	293	317	306	293	317	282
Total Direct Man-Hours	1,423	1,701	1,627	1,765	1,743	1,794	1,901	1,766	1,903	1,775	1,556	1,651	1,384
Aver. Hrs. per Direct Worker in Month	192	213	197	213	205	205	213	197	213	205	197	213	189
Net Direct Employment	7,411	7,986	8,251	8,286	8,498	8,747	8,925	8,955	8,934	8,654	7,890	7,751	7,311
Total Net Employment	18,389	18,957	19,273	19,376	19,623	19,908	20,124	20,168	20,173	19,785	18,861	18,444	17,782
	MAR.											
C-54 Direct Man-Hours	1,266	1,363	1,329	1,375	1,475	1,601	1,474	1,586	1,441	1,277	1,202	1,078	1,090
X-B-43 Direct Man-Hours	101	103	64	20	9	—	—	—	—	—	—	—	—
X-B-42 Direct Man-Hours	25	3	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	227	241	263	284	297	315	293	317	306	293	317	282	306
Total Direct Man-Hours	1,619	1,510	1,656	1,679	1,781	1,916	1,767	1,903	1,747	1,570	1,519	1,360	1,396
Aver. Hrs. per Direct Worker in Month	205	190	213	205	205	213	197	213	205	197	213	189	205
Net Direct Employment	7,908	7,908	7,770	8,190	8,690	8,998	8,970	8,930	8,520	7,970	7,550	7,200	6,860
Total Net Employment	18,941	18,957	18,819	19,264	19,795	20,130	20,138	20,098	19,718	19,153	18,777	18,418	18,085
	APR.											
C-54 Direct Man-Hours	1,167	1,334	1,306	1,497	1,556	1,545	1,665	1,549	1,406	1,264	1,099	1,148	1,105
X-B-43 Direct Man-Hours	58	49	35	17	8	—	—	—	—	—	—	—	—
X-B-42 Direct Man-Hours	20	11	—	—	—	—	—	—	—	—	—	—	—

DOUGLAS, SANTA MONICA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 APR.											
All Other Direct Man-Hours	130	192	232	258	288	284	308	297	285	5	274	4	297
Total Direct Man-Hours	1,135	1,586	1,663	1,772	1,950	1,829	1,973	1,846	1,691	1,702	1,372	1,115	92
Aver. Hrs. per Direct Worker in Month	185	215	208	208	215	200	215	208	200	215	192	2[illegible]	215
Net Direct Employment	7,752	7,363	8,014	8,540	9,053	9,168	9,160	8,886	8,476	7,437	7,164	[illegible]	7,567
Total Net Employment	18,611	18,116	18,777	19,322	19,844	19,968	19,964	19,687	19,277	18,259	17,999	17,75[illegible]	17,571
	MAY											
C-54 Direct Man-Hours	1,262	1,396	1,497	1,656	1,545	1,665	1,549	1,346	1,289	1,098	1,137	982	812
X-B-43 Direct Man-Hours	53	49	31	15	8	—	—	—	—	—	—	—	—
X-B-42 Direct Man-Hours	11	1	36	45	25	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	190	197	206	234	254	308	297	285	308	274	297	297	308
Total Direct Man-Hours	1,516	1,643	1,770	1,950	1,832	1,973	1,846	1,631	1,788	1,372	1,434	1,279	1,120
Aver. Hrs. per Direct Worker in Month	204	198	198	206	191	206	198	191	206	183	198	198	206
Net Direct Employment	7,435	8,299	8,938	9,490	9,621	9,600	9,322	8,565	7,783	7,508	7,243	6,478	5,450
Total Net Employment	17,695	18,642	19,254	19,661	19,704	19,566	19,121	17,907	16,534	16,010	15,522	14,196	13,244
	JUNE											
C-54 Direct Man-Hours	1,181	1,478	1,654	1,545	1,665	1,549	1,346	1,280	1,098	1,137	982	812	717
X-B-43 Direct Man-Hours	47	31	15	14	8	—	—	—	—	—	—	—	—
X-B-42 Direct Man-Hours	5	21	45	26	1	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	161	173	207	231	286	291	288	318	290	321	297	308	285
Total Direct Man-Hours	1,394	1,703	1,921	1,816	1,960	1,840	1,634	1,598	1,388	1,458	1,279	1,120	1,002
Aver. Hrs. per Direct Worker in Month	196	198	206	191	206	198	191	206	183	198	198	206	191
Net Direct Employment	7,109	8,600	9,350	9,530	9,540	9,300	8,580	7,780	7,590	7,370	6,460	5,430	5,260
Total Net Employment	16,943	18,582	19,213	19,384	19,583	19,255	18,113	16,760	16,278	15,844	14,764	13,686	13,485

DOUGLAS, TULSA

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.											
B-24 Direct Man-Hours	74	203	304	360	266	234	124	9	—	—	—	—	—
A-24B Direct Man-Hours	350	430	559	688	817	1,032	1,118	1,161	1,161	1,118	1,080	1,023	924
A-26B Direct Man-Hours	—	—	—	—	—	10	15	30	55	68	86	215	473
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	424	633	863	1,048	1,083	1,276	1,257	1,200	1,216	1,186	1,166	1,238	1,397
Aver. Hrs. per Direct Worker in Month	200	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	2,118	3,160	4,325	5,240	5,420	6,380	6,280	6,000	6,080	5,930	5,830	6,190	7,000
Total Employees	5,178	6,180	8,720	11,120	12,380	13,480	14,380	13,560	13,560	13,150	12,710	13,360	15,000
	FEB.											
B-24 Direct Man-Hours	158	304	360	260	249	235	165	101	57	26	—	—	—
A-24 Direct Man-Hours	403	559	688	709	819	927	893	894	893	823	740	591	302
A-26 Direct Man-Hours	—	—	—	—	—	—	17	34	65	134	237	360	501
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	561	863	1,048	969	1,068	1,162	1,075	1,029	1,015	983	977	951	803
Aver. Hrs. per Direct Worker in Month	170	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	3,304	5,494	5,822	6,273	6,724	7,052	7,503	7,954	8,405	8,774	9,225	9,594	9,963
Total Employees	8,814	13,400	14,200	15,300	16,400	17,200	18,300	19,400	20,500	21,400	22,500	23,400	24,300
	MAR.											
B-24E Direct Man-Hours	322	417	433	412	360	303	216	130	45	—	—	—	—
A-24B Direct Man-Hours	587	641	710	832	1,053	1,040	979	919	845	791	615	398	158
A-26B Direct Man-Hours	—	—	—	—	—	10	35	74	138	239	368	500	675
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	909	1,058	1,143	1,244	1,413	1,353	1,230	1,123	1,028	1,030	983	898	833
Aver. Hrs. per Direct Worker in Month	210	195	195	195	203	195	195	195	195	203	195	188	203
Direct Workers	4,335	5,425	5,860	6,380	6,975	6,940	6,310	5,760	5,270	5,085	5,040	4,775	4,115
Total Employees	10,789	13,500	14,640	15,880	17,375	17,260	15,710	14,350	13,125	12,655	12,540	11,885	10,245
	APR.											
B-24E Direct Man-Hours	436	433	412	360	303	216	130	45	—	—	—	—	—
A-24B Direct Man-Hours	656	710	832	1,053	1,040	979	919	845	791	615	398	158	—
A-26B Direct Man-Hours	—	—	—	—	—	10	35	74	138	239	368	600	675
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,092	1,143	1,244	1,413	1,353	1,230	1,123	1,028	1,030	983	898	833	758
Aver. Hrs. per Direct Worker in Month	190	195	195	203	195	195	195	195	203	195	188	203	188
Direct Workers	5,750	5,860	6,380	6,975	6,940	6,310	5,760	5,270	5,085	5,040	4,775	4,115	4,030
Total Employees	12,966	13,185	14,355	15,090	15,600	14,210	12,960	11,860	11,435	11,340	10,740	9,265	9,070
	MAY											
B-24E Direct Man-Hours	547	499	510	490	490	490	452	330	158	20	—	—	—
A-24B Direct Man-Hours	716	880	1,080	1,140	1,060	1,010	955	890	825	660	160	—	—
A-26B Direct Man-Hours	—	—	—	9	32	66	125	217	334	455	614	690	860

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, TULSA (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
[illegible] Man Hours	1,263	1,370	[illegible]	[illegible]	1,182	[illegible]	1,432	1,467	1,317	1,185	971	690	860
[illegible] Man Hours	191	215	[illegible]	[illegible]	195	195	195	195	195	188	203	188	203
Aver [illegible] per Direct Worker in Month	6,605	[illegible]	[illegible]	[illegible]	6,520	6,555	7,370	7,370	6,755	[illegible]	4,820	3,670	4,250
Direct Workers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Employees	11,193	14,700	[illegible]	[illegible]	15,820	15,160	13	11,370	13,175	11,770	9,457	8,995	10,495
	JUNE												
[illegible] Man Hours	465	510		190	490	452	470	158	20				
[illegible] Man Hours	845	[illegible]		530	1,070	1,015	935	785	615	485	266	90	
[illegible] Man Hours	—		[illegible]	32	66	125	217	334	455	614	690	860	935
Aver [illegible] per Direct Man Hours	—												
Total Direct Man Hours	1,310	1,450	[illegible]	1,822	1,626	1,592	1,622	1,277	1,090	1,099	956	950	935
Aver Hrs per Direct Worker in Month	201	205	[illegible]	195	195	195	195	195	188	203	188	203	195
Direct Workers	6,596	6,950	[illegible]	8,345	8,175	8,160	8,720	5,800	5,430	5,090	4,690	4,800	
Total Employees	14,435	14,950	[illegible]	16,425	16,445	16,925	14,500	13,770	12,750	12,280	11,840	11,290	11,280
	JULY												
B-24H Direct Man Hours	440	433	438	438	408	290	140	20	—	—	—	—	—
A-24B Direct Man Hours	960	1,065	1,210	1,175	1,115	1,040	866	667	530	292	98	—	—
A-26B Direct Man Hours	9	26	87	138	204	277	355	117	508	535	653	735	867
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,409	1,524	1,730	1,746	1,727	1,607	1,361	1,104	1,038	827	751	735	867
Aver Hrs per Direct Worker in Month	200	195	195	195	195	195	195	188	203	188	203	195	195
Direct Workers	7,042	7,825	8,870	8,950	8,860	8,250	6,980	5,872	5,125	4,400	3,700	3,770	4,450
Total Employees	15,035	15,975	17,220	17,300	17,210	16,150	14,380	12,822	11,575	10,400	9,250	9,620	10,575
	AUG.												
B-24E + H Direct Man Hours	515	475	455	440	425	280	10	—	—	—	—	—	—
A-24B Direct Man Hours	1,080	995	930	865	800	760	645	495	230	25	—	—	—
A-26B Direct Man Hours	15	87	138	204	277	355	117	508	535	653	735	867	1,080
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,610	1,557	1,523	1,509	1,502	1,395	1,102	1,003	765	678	735	867	1,080
Aver Hrs per Direct Worker in Month	193	195	195	195	195	195	188	202	188	202	195	195	202
Direct Workers	8,346	7,980	7,815	7,745	7,710	7,150	5,870	4,960	4,070	3,350	3,770	4,450	5,330
Total Employees	16,793	16,180	15,915	15,745	15,610	14,600	12,820	11,360	9,670	8,400	9,620	10,575	11,755
	SEPT.												
B-24H Direct Man-Hours	512	475	468	460	505	520	540	460	360	130	—	—	—
RA-24B Direct Man-Hours	1,150	1,125	1,040	975	923	710	517	250	42	—	—	—	—
A-26B Direct Man-Hours	42	138	204	277	355	417	508	535	653	735	867	1,080	1,210
All Other Direct Man Hours	15	15	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,719	1,753	1,712	1,712	1,783	1,647	1,565	1,245	1,055	865	867	1,080	1,210
Aver Hrs per Direct Worker in Month	192	195	195	195	195	188	203	188	203	195	195	203	195
Direct Workers	8,951	8,990	8,780	8,780	9,145	8,760	7,730	6,620	5,210	4,435	4,445	5,330	6,200
Total Employees	17,667	17,710	17,180	17,180	17,545	17,160	15,630	13,620	11,710	10,535	10,570	11,755	12,900
	OCT.												
B-24H Direct Man Hours	485	411	394	381	396	441	376	315	120	—	—	—	—
RA-24B Direct Man Hours	1,155	823	736	650	542	473	334	256	156	65	10	—	—
A-26B Direct Man Hours	112	195	281	330	460	540	542	653	788	1,040	1,280	1,410	1,580
All Other Direct Man Hours	16	14	8	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,768	1,443	1,419	1,361	1,398	1,454	1,252	1,224	1,064	1,105	1,290	1,410	1,580
Aver Hrs per Direct Worker in Month	195	195	195	195	188	203	188	203	195	195	203	195	195
Direct Workers	9,071	7,340	7,240	7,300	7,440	7,190	6,660	6,050	5,160	5,670	6,370	7,240	8,100
Total Employees	18,122	16,065	15,810	15,875	15,190	14,615	13,760	12,825	11,910	12,270	13,120	14,290	15,300
	NOV.												
B-24H Direct Man Hours	465	394	381	396	441	376	315	120	—	—	—	—	—
RA-24B Direct Man Hours	726	216	15	—	—	—	—	—	—	—	—	—	—
A-26B Direct Man Hours	232	305	413	460	540	542	653	788	1,040	1,280	1,410	1,580	1,745
All Other Direct Man Hours	4	26	213	285	326	325	355	340	255	93	78	74	73
Total Direct Man Hours	1,427	941	1,022	1,141	1,307	1,243	1,323	1,248	1,295	1,373	1,488	1,654	1,818
Aver Hrs per Direct Worker in Month	187	195	195	188	203	188	203	195	195	203	195	195	195
Direct Workers	7,640	4,825	5,250	6,085	6,450	6,620	6,545	6,400	6,650	6,790	7,625	8,500	9,325
Total Employees	16,515	12,825	12,750	13,285	13,650	13,820	13,715	13,600	12,850	14,040	15,075	16,050	16,975
	DEC.												
B-24H Direct Man Hours	498	342	223	564	510	405	75	—	—	—	—	—	—
A-26B Direct Man Hours	280	389	350	400	384	462	511	646	856	1,021	1,165	1,300	1,455
RA-24B Direct Man-Hours	198	60	30	20	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	37	151	307	386	366	402	392	320	180	182	191	203	218
Total Direct Man-Hours	1,013	1,092	1,210	1,370	1,270	1,269	978	966	1,036	1,203	1,356	1,503	1,673

DOUGLAS, TULSA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
Aver Hrs per Direct Worker in Month	197	186	178	194	178	194	186	186	94	186	186	186	186
Direct Workers	6,075	5 880	6,820	7,075	7,150	6,455	5,255	5,200	5,360	6 470	7,290	8,090	8 840
Total Employees	13,318	13,380	13,820	13,825	13,650	12,955	11 755	11,700	11 860	13 170	14,190	15 190	16 140
	1944 JAN.												
B-24H Direct Man-Hours	488	—	—	—	—	—	—	—	—	—	—	—	—
A-26B Direct Man-Hours	344	—	—	—	—	—	—	—	—	—	—	—	—
RA-24B Direct Man Hours	94	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	120	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,046	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	5,928	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	13,326	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-24H Direct Man-Hours	511	495	416	420	346	195	—	—	—	—	—	—	—
A-26B Direct Man-Hours	346	320	312	382	485	650	860	975	1 170	1,402	1,550	1,870	1 790
RA 24B Direct Man-Hours	21	14	8	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	271	423	450	433	238	75	63	61	39	15	—	—	—
Total Direct Man-Hours	1,149	1,252	1,186	1,235	1,039	920	923	1,036	1,209	1,417	1,550	1,870	1,790
Aver. Hrs. per Direct Worker in Month	205	216	200	216	208	208	216	208	208	208	208	216	192
Direct Workers	5,601	5,795	5,930	5,710	5,150	4,420	4,270	4,980	5,800	6,810	7,450	8,655	9,315
Total Employees	12,398	12,195	12,030	11,610	10,850	10,120	9,970	10,880	11,900	18,110	13,950	15,355	16,215
	MAR.												
B-24H Direct Man-Hours	430	345	353	320	233	10	—	—	—	—	—	—	—
A-26B Direct Man-Hours	335	330	382	485	650	860	975	1,170	1,402	1,550	1,870	1,790	2,120
RA-24B Direct Man-Hours	9	5	2	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	372	398	380	220	52	43	52	58	54	45	31	4	—
Total Direct Man-Hours	1,146	1,078	1,117	1,025	935	913	1,027	1,228	1,456	1,595	1,901	1,794	2 120
Aver Hrs per Direct Worker in Month	202	200	216	208	208	216	208	208	208	208	216	192	216
Direct Workers	5,672	5,390	5,170	4,925	4,500	4,220	4,935	5,900	7,000	7,670	8,800	9,350	9,810
Total Employees	12,193	11,690	11,170	10,625	10,000	9,720	10,635	11,800	13,100	13,970	15,300	16,050	16,710
	APR.												
B-24H Direct Man-Hours	298	296	281	203	5	—	—	—	—	—	—	—	—
A-26B Direct Man-Hours	310	385	485	650	860	975	1,170	1,402	1,550	1,870	1,790	2,120	2,060
RA-24B Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	399	380	220	52	43	52	58	54	45	31	4	—	—
Total Direct Man-Hours	1,010	1,061	986	905	908	1,027	1,228	1,456	1,595	1,901	1,794	2,120	2,060
Aver Hrs per Direct Worker in Month	185	216	208	208	216	208	208	208	208	216	192	216	200
Direct Workers	5,448	4,910	4,740	4,350	4,200	4,935	5,900	7,000	7,670	8,800	9,350	9,810	10,300
Total Employees	11,700	10,910	10,440	9,850	9,700	10,635	11,800	13,100	13,970	15,300	16,050	16,710	17,400
	MAY												
A-26 Direct Man-Hours	364	555	678	883	1,046	1,287	1,514	1,659	1,983	1,911	2,272	2,192	2,447
B-24 Direct Man-Hours	293	281	203	5	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	437	295	126	115	72	65	60	47	34	4	—	—	—
Total Direct Man-Hours	1,094	1,131	1,007	1,003	1,118	1,352	1,574	1,706	2,017	1,915	2,272	2,192	2,447
Aver Hrs per Direct Worker in Month	202	199	199	207	199	199	195	184	198	176	198	184	198
Net Direct Employment	5,407	5,685	5,080	4,845	5,620	6,795	8,070	9,295	10,185	10,880	11 475	11,945	12,360
Total Net Employment	11,595	11,985	11,360	11,145	11,920	13,345	14,870	16,345	17,485	18,430	19,275	19,965	20,600
	JUNE												
B-24 Direct Man-Hours	253	125	2	—	—	—	—	—	—	—	—	—	—
A-26 Direct Man Hours	463	862	1,045	1,059	1,303	1,530	1,674	1,991	1,917	2,272	2,192	2,447	1 990
All Other Direct Man-Hours	376	131	132	89	80	73	55	40	14	—	—	—	—
Total Direct Man-Hours	1 092	1,118	1,179	1,148	1,383	1,603	1,729	2,031	1,931	2,272	2,192	2 447	1 990
Aver Hrs. per Direct Worker in Month	197	199	207	199	199	195	184	198	176	198	184	198	191
Net Direct Employment	5,546	5,620	5,695	5,770	6,950	8,220	9,420	10,260	10,970	11,475	11,945	12 360	10,445
Total Net Employment	12,024	12,120	12,195	12,370	13,650	15,020	16,470	17,560	18,520	19,275	19,965	20 600	18,445
	JULY												
A-26 Direct Man-Hours	793	1,076	1,101	1,340	1,576	1,734	2,046	1,951	2 288	2,185	2,375	2 260	2,265
B 24 Direct Man-Hours	146	3	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	194	121	84	80	73	55	40	14	—	—	—	—	—
Total Direct Man-Hours	1,133	1 200	1,185	1,420	1,649	1,789	2,086	1,965	2,288	2 185	2,375	2 260	2 265
Aver Hrs per Direct Worker in Month	199	207	199	199	195	184	198	176	198	184	198	191	191
Net Direct Employment	5,682	5,800	5,950	7,135	8,455	9,750	10,535	11,165	11,555	11,910	12,000	11,860	11,890
Total Net Employment	12,369	12,500	12,700	13,935	15,455	17,050	18,135	19,065	19,755	20,410	20,600	20,360	20,390

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in 10s; Avg. Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, TULSA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
A-26 Direct Man-Hours	1,720	886	705	593	422	312	136	30	—	—	—	—	—
All Other Direct Man-Hours	16	13	11	9	6	4	2	—	—	—	—	—	—
Total Direct Man-Hours	1,736	899	716	602	428	316	138	30	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	209	160	160	166	154	166	166	154	—	—	—	—	—
Net Direct Employment	8,300	5,620	4,475	3,625	2,780	1,905	1,050	195	—	—	—	—	—
Total Net Employment	15,096	10,910	9,025	7,600	6,050	4,400	2,745	1,275	—	—	—	—	—
	JUNE												
A-26 Direct Man-Hours	940	732	686	528	419	105	56	18	—	—	—	—	—
All Other Direct Man-Hours	13	20	27	64	57	48	30	—	—	—	—	—	—
Total Direct Man-Hours	953	752	713	592	476	153	86	18	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	158	160	166	154	166	160	154	166	—	—	—	—	—
Net Direct Employment	6,027	4,700	4,295	3,845	2,865	955	560	108	—	—	—	—	—
Total Net Employment	11,197	8,500	7,445	6,445	4,965	2,505	1,810	1,108	—	—	—	—	—

EASTERN AIRCRAFT, LINDEN

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
FM-1 Direct Man-Hours	910	1,059	1,271	1,455	1,682	1,929	2,119	2,243	2 248	2,274	2,277	2,282	2,282
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	910	1,059	1,271	1,455	1,682	1,929	2,119	2,243	2,248	2,274	2,277	2,282	2,282
Aver. Hrs. per Direct Worker in Month	191	181	196	197	197	199	199	199	200	202	202	202	202
Direct Workers	4,758	5,851	6,471	7,399	8,551	9,687	10,628	11,250	11,265	11,285	11,300	11,312	11,312
Total Employees	10,275	11,705	12,621	13,625	14,859	16,032	16,871	17,428	17,401	17,431	17,454	17,474	17,474
	FEB.												
FM-1 Direct Man-Hours	1,057	1,376	1,570	1,820	2,087	2,381	2,445	2,560	2,767	2,767	2,767	2,767	2,663
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,057	1,376	1,570	1,820	2,087	2,381	2,445	2,560	2,767	2,767	2,767	2,767	2,663
Aver Hrs. per Direct Worker in Month	192	203	197	197	199	205	199	199	199	201	201	201	194
Direct Workers	5,513	6,762	7,976	9,235	10,489	11,574	12,278	12,850	13,740	13,740	13,740	13,740	13,740
Total Employees	11,198	12,887	14,197	15,553	16,853	18,044	18,791	19,382	19,947	19,947	19,947	19,947	19,947
	MAR.												
FM-1 Direct Man-Hours	1,179	1,466	1,704	1,946	2,142	2,271	2,278	2,310	2,322	2,336	2,336	2,336	2,336
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,179	1,466	1,704	1,946	2,142	2,271	2,278	2,310	2,322	2,336	2,336	2,336	2,336
Aver. Hrs. per Direct Worker in Month	183	198	198	200	200	200	200	202	202	202	202	202	202
Direct Workers	6,434	7,404	8,610	9,730	10,716	11,358	11,393	11,440	11,500	11,566	11,566	11,566	11,566
Total Employees	11,777	13,587	14,869	16,023	16,913	17,492	17,511	17,622	17,701	17,778	17,778	17,778	17,778
	APR.												
FM-1 Direct Man-Hours	1,358	1,691	1,944	2,142	2,277	2,283	2,324	2,327	2,334	2,334	2,334	2,334	2,334
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,358	1,691	1,944	2,142	2,277	2,283	2,324	2,327	2,334	2,334	2,334	2,334	2,334
Aver Hrs per Direct Worker in Month	181	198	200	200	200	200	202	202	202	202	202	202	202
Direct Workers	7,506	8,543	9,724	10,710	11,384	11,420	11,516	11,528	11,559	11,559	11,559	11,559	11,559
Total Employees	13,042	14,805	16,046	16,950	17,580	17,595	17,717	17,739	17,782	17,782	17,782	17,782	17,782
	MAY												
FM-1 Direct Man-Hours	1,599	1,816	2,030	2,196	2,273	2,292	2,295	2,312	2,312	2,323	2,323	2 334	2,334
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,599	1,816	2,030	2,196	2,273	2,292	2,295	2,312	2,312	2,323	2,323	2,334	2,334
Aver Hrs per Direct Worker in Month	202	198	198	198	199	199	199	200	200	201	201	202	202
Direct Workers	7,903	9,169	10,248	11,084	11,421	11,516	11,528	11,559	11,559	11,559	11,559	11,559	11,559
Total Employees	13,500	15,474	16,542	17,314	17,619	17,717	17,743	17,782	17,782	17,782	17,782	17,782	17,782
	JUNE												
FM-1 Direct Man-Hours	1,616	1,894	2,196	2,274	2,293	2,295	2,313	2,313	2,313	2,324	2,324	2,335	2,335
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,616	1,894	2,196	2,274	2,293	2,295	2,313	2,313	2,324	2,324	2,335	2,335	2,335
Aver Hrs per Direct Worker in Month	195	198	198	199	199	199	200	200	201	201	202	202	202
Direct Workers	8,303	9,562	11,084	11,421	11,516	11,528	11,559	11,559	11,559	11,559	11,559	11,559	11,559
Total Employees	13,871	15,486	17,314	17,619	17,717	17,743	17,782	17,782	17,782	17,782	17,782	17,782	17,782
	JULY												
FM-1 Direct Man-Hours	1,689	1,824	1,920	2,024	2,070	2,088	2,092	2,103	2,103	2,113	2,113	2,124	2,124
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,689	1,824	1,920	2,024	2,070	2,088	2,092	2,103	2,103	2,113	2,113	2,124	2,124
Aver Hrs per Direct Worker in Month	194	195	195	198	196	197	197	198	198	199	199	200	200
Direct Workers	8,697	9,354	9,845	10,327	10,502	10,600	10,619	10,619	10,619	10,619	10,619	10,619	10,619
Total Employees	14,470	15,722	16,452	16,961	17,213	17,266	17,311	17,311	17,311	17,311	17,311	17,311	17,311

DOUGLAS, TULSA

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG												
A-26 Direct Man-Hours	[illegible]	[illegible]	[illegible]	1,471	[illegible]	[illegible]	1,906	2,303	[illegible]	2,455	2,320	2,332	2,431
All Other Direct Man-Hours	[illegible]	[illegible]	82	75	59	44	10	5	—	—	—	—	—
Total Direct Man-Hours	[illegible]	[illegible]	2,046	1,546	[illegible]	987	1,916	2,308	[illegible]	2,455	2,320	2,332	2,431
Aver. Hrs. per Direct Worker in Month	[illegible]	[illegible]	[illegible]	195	81	148	176	198	81	198	191	191	198
Net Direct Employment	[illegible]	[illegible]	[illegible]	8,440	9,660	10,410	11,280	11,650	[illegible]	12,300	12,180	12,240	12,280
Total Net Employment	[illegible]	[illegible]	13,945	15,290	16,500	18,010	19,080	19,705	20,535	20,600	20,480	20,540	20,580
	SEPT.												
A-26 Direct Man-Hours	2,134	832	580	1,737	2,061	[illegible]	2,186	2,108	2,312	2,195	2,145	2,129	1,881
All Other Direct Man-Hours	56	75	67	52	40	18	4	2	—	—	—	—	—
Total Direct Man-Hours	1,760	1,407	1,647	1,789	2,101	1,903	2,190	2,110	2,312	2,195	2,145	2,129	1,881
Aver. Hrs. per Direct Worker in Month	195	195	184	198	176	198	184	198	191	191	198	184	198
Net Direct Employment	5,940	7,225	8,445	9,750	10,610	10,815	11,060	11,500	11,675	11,520	11,260	10,750	10,250
Total Net Employment	12,190	13,615	15,145	16,750	17,910	18,315	18,660	19,200	19,475	19,220	18,860	18,150	17,450
	OCT.												
A-26 Direct Man-Hours	1,227	1,575	1,737	2,044	1,852	2,125	2,047	2,218	2,063	1,996	2,046	1,837	1,919
All Other Direct Man-Hours	43	25	11	8	6	4	2	—	—	—	—	—	—
Total Direct Man-Hours	1,270	1,600	1,748	2,052	1,858	2,129	2,049	2,218	2,063	1,996	2,046	1,837	1,919
Aver. Hrs. per Direct Worker in Month	197	195	184	198	176	198	184	198	191	191	198	184	198
Net Direct Employment	6,461	8,205	9,530	10,365	10,565	10,750	11,165	11,200	10,830	10,475	10,330	10,010	9,690
Total Net Employment	12,807	14,505	16,130	17,165	17,565	17,950	18,600	18,650	18,090	17,475	17,230	16,710	16,190
	NOV.												
A-26 Direct Man-Hours	1,467	1,721	2,008	1,796	2,001	1,940	2,151	2,052	2,013	2,063	1,852	1,934	1,806
All Other Direct Man-Hours	26	19	12	6	4	2	—	—	—	—	—	—	—
Total Direct Man-Hours	1,493	1,740	2,020	1,802	2,005	1,942	2,151	2,052	2,013	2,063	1,852	1,934	1,806
Aver. Hrs. per Direct Worker in Month	191	184	198	176	198	184	198	191	191	198	184	198	191
Net Direct Employment	7,817	9,480	10,200	10,240	10,125	10,585	10,865	10,770	10,565	10,420	10,090	9,770	9,480
Total Net Employment	14 108	15,080	16,850	17,040	17,075	17,685	18,115	17,970	17,665	17,420	16,840	16,320	15,830
	DEC.												
A-26 Direct Man-Hours	1,685	2,102	2,074	2,315	2,116	2,232	2,127	2,022	2,017	1,807	1,859	1,744	1,698
All Other Direct Man-Hours	20	14	6	4	2	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,705	2,107	2,080	2,319	2,118	2,232	2,127	2,022	2,017	1,807	1,859	1,744	1,698
Aver. Hrs. per Direct Worker in Month	180	198	176	198	184	198	191	191	198	184	198	191	184
Net Direct Employment	9,482	10,640	11,820	11,710	11,540	11,270	11,165	10,615	10,185	9,850	9,390	9,155	8,870
Total Net Employment	16,296	17,940	19,320	19,310	19,240	19,020	18,915	18,215	17,585	17,150	16,490	16,155	15,770
	1945 JAN.												
A-26 Direct Man-Hours	2,125	2,095	2,445	2,216	2,300	2,163	2,048	2,037	1,827	1,880	1,759	1,643	1,727
All Other Direct Man-Hours	15	6	7	6	7	7	7	6	7	7	6	7	7
Total Direct Man-Hours	2,140	2,101	2,454	2,222	2,307	2,170	2,055	2,044	1,833	1,887	1,766	1,649	1,734
Aver. Hrs. per Direct Worker in Month	199	176	198	184	198	191	191	198	184	198	191	184	198
Net Direct Employment	10,748	11,940	12,390	12,110	11,650	11,390	10,790	10,320	9,990	9,530	9,270	8,990	8 760
Total Net Employment	18,120	19,840	20,490	20,360	19,850	19,590	18,750	18,050	17,530	16,880	16,440	15,990	15,710
	FEB.												
A-26 Direct Man-Hours	2,132	2,545	2,276	2,360	2,223	2,103	2,092	1,877	1,930	1,807	1,688	1,772	1,536
All Other Direct Man-Hours	9	7	6	7	7	7	7	6	7	7	6	7	6
Total Direct Man-Hours	2 141	2,552	2,282	2 367	2,230	2,110	2,099	1,883	1,937	1,814	1,694	1 779	1,542
Aver. Hrs. per Direct Worker in Month	187	213	184	198	191	191	198	184	198	191	184	198	176
Net Direct Employment	11 444	11,980	12,435	11,955	11,705	11,075	10,600	10,260	9,785	9,520	9 230	8,985	8,760
Total Net Employment	19,212	20,080	20,735	20 455	20 055	19 225	18,550	18,010	17,335	16,870	16,380	15 985	15,635
	MAR.												
A-26 Direct Man-Hours	2,352	1,847	2 016	1,995	1,964	1,974	1 790	1,911	1,838	1,704	1,858	1 607	1,764
All Other Direct Man-Hours	9	6	7	7	7	7	6	7	7	6	7	6	7
Total Direct Man-Hours	2 341	1 843	2 023	2,002	1 971	1,981	1,796	1,918	1 845	1,770	1,865	1 613	1 771
Aver. Hrs. per Direct Worker in Month	208	184	198	191	191	198	184	198	191	184	198	176	198
Net Direct Employment	11 230	10 045	10 215	10,510	10 345	10605	9 785	9 685	9 685	9 645	9,420	9,165	8,945
Total Net Employment	19,135	17 795	17 965	18 265	17,895	17,385	17 025	16,885	16 885	16 820	16,470	16,040	15,695
	APR.												
A-26 Direct Man-Hours	1 821	1 901	1 827	1 827	1,869	1 596	1 570	1,318	1 103	1,029	853	896	861
All Other Direct Man-Hours	12	9	7	7	7	6	7	7	6	7	6	7	7
Total Direct Man-Hours	1,833	1,910	1 834	1 834	1,876	1,602	1,577	1,325	1,109	1,036	859	903	868
Aver. Hrs. per Direct Worker in Month	175	203	195	195	203	188	203	195	188	203	180	195	195
Net Direct Employment	10,485	9,430	9,405	9,405	9,265	8,545	7,790	6,795	5,915	5,115	4,770	4,630	4,450
Total Net Employment	18,123	17,130	17,055	17,005	16,765	15,895	14,890	13,745	12,415	11,165	10,370	9,780	9,150

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

EASTERN AIRCRAFT, LINDEN (Cont'd)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
FM-1 +2 Direct Man-Hours	1,670	1,807	1,943	2,026	2,090	2,095	2,105	2,116	2,116	2,126	2,126	2,137	2,137
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,670	1,807	1,943	2,026	2,090	2,095	2,105	2,116	2,116	2,126	2,126	2,137	2,137
Aver. Hrs. per Direct Worker in Month	186	196	196	196	197	197	198	199	199	200	200	201	201
Direct Workers	8,956	9,267	9,918	10,338	10,610	10,632	10,632	10,632	10,632	10,632	10,632	10,632	10,632
Total Employees	14,919	15,872	16,162	17,011	17,247	17,370	17,370	17,370	17,370	17,370	17,370	17,370	17,370
	SEPT.												
FM-1 +2 Direct Man-Hours	1,369	1,932	2,035	2,091	2,089	2,095	2,105	2,105	2,116	2,116	2,126	2,126	2,137
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,369	1,932	2,035	2,091	2,089	2,095	2,105	2,105	2,116	2,116	2,126	2,126	2,137
Aver. Hrs. per Direct Worker in Month	205	198	198	198	197	197	198	198	199	199	200	200	201
Direct Workers	9,117	9,758	10,276	10,560	10,605	10,632	10,632	10,632	10,632	10,632	10,632	10,632	10,632
Total Employees	15,285	16,415	16,959	17,262	17,323	17,370	17,370	17,370	17,370	17,370	17,370	17,370	17,370
	OCT.												
FM-1 +2 Direct Man-Hours	1,932	2,035	2,091	2,089	2,095	2,105	2,105	2,116	2,116	2,126	2,126	2,137	2,137
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,932	2,035	2,091	2,089	2,095	2,105	2,105	2,116	2,116	2,126	2,126	2,137	2,137
Aver. Hrs. per Direct Worker in Month	198	198	198	197	197	198	198	199	199	200	200	201	201
Direct Workers	9,758	10,276	10,560	10,605	10,632	10,632	10,632	10,632	10,632	10,632	10,632	10,632	10,632
Total Employees	16,415	16,959	17,262	17,323	17,370	17,370	17,370	17,370	17,370	17,370	17,370	17,370	17,370
	NOV.												
FM-1 +2 Direct Man-Hours	1,874	1,797	1,800	1,811	1,811	1,811	1,789	1,758	1,727	1,695	1,664	1,633	1,601
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,874	1,797	1,800	1,811	1,811	1,811	1,789	1,758	1,727	1,695	1,664	1,633	1,601
Aver. Hrs. per Direct Worker in Month	198	198	198	199	199	199	200	200	200	200	200	200	200
Direct Workers	9,459	9,075	9,089	9,103	9,103	9,103	8,947	8,789	8,635	8,477	8,321	8,164	8,007
Total Employees	16,231	16,704	16,593	16,622	16,622	16,622	16,325	16,024	15,730	15,430	15,132	14,834	14,534
	DEC.												
FM-1 +2 Direct Man-Hours	1,692	1,627	1,628	1,624	1,623	1,623	1,622	1,621	1,619	1,617	1,587	1,566	1,536
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,692	1,627	1,628	1,624	1,623	1,623	1,622	1,621	1,619	1,617	1,587	1,566	1,536
Aver. Hrs. per Direct Worker in Month	176	186	186	186	186	186	186	186	186	188	188	189	189
Direct Workers	9,609	8,745	8,754	8,734	8,728	8,724	8,723	8,716	8,704	8,599	8,442	8,287	8,128
Total Employees	16,617	16,163	16,192	16,092	15,992	15,983	15,971	15,707	15,400	15,092	14,781	14,469	14,153
	1944 JAN.[3]												
FM-1 +2 Direct Man-Hours	1,701	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,701	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	186	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	9,128	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	16,083	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
FM-1 +2 Direct Man-Hours	1,656	1,572	1,569	1,567	1,566	1,562	1,558	1,554	1,524	1,494	1,464	1,464	1,464
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,656	1,572	1,569	1,567	1,566	1,562	1,558	1,554	1,524	1,494	1,464	1,464	1,464
Aver. Hrs. per Direct Worker in Month	187	188	188	188	188	188	188	190	190	190	190	190	190
Direct Workers	8,833	8,361	8,346	8,337	8,328	8,310	8,289	8,178	8,021	7,864	7,704	7,704	7,704
Total Employees	15,674	15,754	15,617	15,600	15,584	15,569	14,993	14,686	14,388	14,088	13,784	13,784	13,784
	MAR.												
FM-1 +2 Direct Man-Hours	1,777	1,683	1,631	1,611	1,609	1,608	1,596	1,568	1,539	1,500	1,500	1,500	1,500
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,777	1,683	1,631	1,611	1,609	1,608	1,596	1,568	1,539	1,500	1,500	1,500	1,500
Aver. Hrs. per Direct Worker in Month	202	189	189	189	189	189	190	190	190	191	191	191	191
Direct Workers	8,793	8,641	8,632	8,523	8,514	8,506	8,401	8,251	8,101	7,851	7,851	7,851	7,851
Total Employees	15,425	15,217	15,209	14,584	14,967	14,951	14,742	14,442	14,142	13,784	13,784	13,784	13,784
	APR.												
FM-1 +2 Direct Man-Hours	1,732	1,773	1,711	1,711	1,711	1,697	1,664	1,630	1,599	1,599	1,599	1,599	1,599
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,732	1,734	1,711	1,711	1,711	1,697	1,664	1,630	1,599	1,599	1,599	1,599	1,599
Aver. Hrs. per Direct Worker in Month	195	191	191	191	191	192	192	192	193	193	193	193	193
Direct Workers	8,895	9,078	8,959	8,956	8,956	8,840	8,666	8,492	8,284	8,284	8,284	8,284	8,284
Total Employees	15,357	14,745	15,538	15,535	15,535	15,335	15,035	14,735	14,377	14,377	14,377	14,377	14,377

EASTERN AIRCRAFT, LINDEN (Cont'd.)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
FM-1 +2 Direct Man-Hours	1,695	1,708	1,700	1,709	1,700	1,682	1,671	1,663	1,657	1,650	1,650	1,650	1,650
XF2M-1 Direct Man-Hours	55	60	60	60	50	40	30	20	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,750	1,768	1,760	1,769	1,750	1,722	1,701	1,683	1,657	1,650	1,650	1,650	1,650
Aver. Hrs. per Direct Worker in Month	195	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	8,969	9,065	9,073	9,073	8,974	8,830	8,723	8,631	8,497	8,461	8,461	8,461	8,461
Total Net Employment	15,422	15,540	15,548	15,548	15,348	15,048	14,848	14,650	14,450	14,389	14,389	14,389	14,389
	JUNE												
FM-1 +2 Direct Man-Hours	1,664	1,660	1,650	1,640	1,630	1,615	1,603	1,590	1,585	1,585	1,585	1,585	1,585
XF2M-1 Direct Man-Hours	58	60	60	50	45	35	20	10	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,722	1,720	1,710	1,690	1,675	1,650	1,623	1,600	1,585	1,585	1,585	1,585	1,585
Aver. Hrs. per Direct Worker in Month	196	196	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	8,770	8,775	8,724	8,622	8,546	8,418	8,281	8,163	8,087	8,087	8,087	8,087	8,087
Total Net Employment	15,079	14,906	14,682	14,479	14,296	14,133	13,991	13,869	13,768	13,687	13,626	13,586	13,564
	JULY												
FM-1 +2 Direct Man-Hours	1,324	1,377	1,377	1,344	1,344	1,310	1,310	1,310	1,277	1,277	1,277	1,277	1,277
XF2M-1 Direct Man-Hours	74	60	50	45	35	20	10	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,398	1,437	1,427	1,389	1,379	1,330	1,320	1,310	1,277	1,277	1,277	1,277	1,277
Aver. Hrs. per Direct Worker in Month	171	192	192	192	192	192	192	192	192	192	192	192	192
Net Direct Employment	8,157	7,484	7,432	7,234	7,182	6,927	6,875	6,823	6,651	6,651	6,651	6,651	6,651
Total Net Employment	14,306	14,046	13,882	13,725	13,577	13,445	13,333	13,247	13,166	13,105	13,065	13,043	13,043
	AUG.												
FM-1 +2 Direct Man-Hours	1,393	1,353	924	924	901	901	901	901	878	878	878	878	878
XF2M-1 Direct Man-Hours	52	50	45	35	20	10	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,445	1,403	969	959	921	911	901	901	878	878	878	878	878
Aver. Hrs. per Direct Worker in Month	191	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
Net Direct Employment	7,547	6,887	6,797	6,787	6,637	6,644	6,594	6,594	6,594	6,594	6,594	6,594	6,594
Total Net Employment	13,525	12,888	12,777	12,770	12,770	12,878	12,878	12,878	12,878	12,878	12,878	12,878	12,878
	SEPT.												
FM-1 +2 Direct Man-Hours	1,245	995	748	732	733	734	734	734	734	734	734	734	734
XF2M-1 Direct Man-Hours	49	45	35	20	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,294	1,040	783	752	743	734	734	734	734	734	734	734	734
Aver. Hrs. per Direct Worker in Month	182	196	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	7,122	5,299	3,997	3,839	3,789	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739
Total Net Employment	12,999	10,369	7,803	7,690	7,540	7,540	7,540	7,540	7,540	7,540	7,540	7,540	7,540
	OCT.												
FM-1 +2 Direct Man-Hours	950	734	719	710	719	719	719	719	719	719	719	719	719
XF2M-1 Direct Man-Hours	60	35	20	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,010	769	739	720	719	719	719	719	719	719	719	719	719
Aver. Hrs. per Direct Worker in Month	167	196	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	6,053	3,921	3,771	3,720	3,670	3,670	3,670	3,670	3,670	3,670	3,670	3,670	3,670
Total Net Employment	11,021	7,775	7,675	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523
	NOV.												
FM-1 +2 Direct Man-Hours	624	640	641	641	641	641	641	641	641	641	641	641	641
XF2M-1 Direct Man-Hours	46	50	40	30	20	10	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	670	690	681	671	661	651	641	641	641	641	641	641	641
Aver. Hrs. per Direct Worker in Month	141	198	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	4,764	3,520	3,474	3,423	3,372	3,321	3,270	3,270	3,270	3,270	3,270	3,270	3,270
Total Net Employment	8,574	7,695	7,597	7,548	7,547	7,546	7,545	7,545	7,545	7,545	7,545	7,545	7,545
	DEC.												
FM-1 +2 Direct Man-Hours	657	674	674	674	674	675	675	675	675	675	675	675	675
XF2M-1 Direct Man-Hours	50	40	30	20	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	707	714	704	694	684	675	675	675	675	675	675	675	675
Aver. Hrs. per Direct Worker in Month	181	198	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	3,898	3,642	3,592	3,561	3,490	3,444	3,444	3,444	3,444	3,444	3,444	3,444	3,444
Total Net Employment	7,901	7,736	7,736	7,736	7,736	7,736	7,736	7,736	7,736	7,736	7,736	7,736	7,736

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

EASTERN AIRCRAFT, LINDEN (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
[illegible] Direct Man-Hours	43	56	671	679	671	679	679	679	679	679	679	679	679
[illegible] Direct Man-Hours	32		20	10	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours			—	—	—	—	—	—	—	—	—	—	—
Aver. Direct Man-Hours			689	689	671	679	679	679	679	679	679	679	679
Aver. Man-Hours			196	196	196	196	196	196	196	196	196	196	196
Hrs. per Direct Worker in Month			3,516	3,515	3,464	3,464	3,464	3,464	3,464	3,464	3,464	3,464	3,464
Employment		3,582	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583
Employment		7,730	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583	7,583
	FEB.												
Direct Man-Hours	301	45	644	643	643	643	643	643	643	493	418	343	343
Direct Man-Hours	36	1	—	—	—	—	—	—	—	150	225	300	300
Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Man-Hours	637	46	644	643	643	643	643	643	643	643	643	643	643
Man-Hours	182	196	196	196	196	196	196	196	196	196	196	196	196
Hrs. per Direct Worker in Month	3,503	3,296	3,286	3,281	3,281	3,281	3,281	3,281	3,281	3,281	3,281	3,281	3,281
Employment	7,689	7,589	7,581	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573
Employment													
	MAR.												
Direct Man-Hours	642	632	619	617	617	617	617	578	467	392	329	122	92
Man-Hours	—	—	—	—	—	—	—	39	150	225	288	495	525
Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	642	632	619	617	617	617	617	617	617	617	617	617	617
Aver. Hrs. per Direct Worker in Month	193	199	196	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	3,332	3,161	3,158	3,149	3,149	3,149	3,149	3,149	3,149	3,149	3,149	3,149	3,149
Total Net Employment	7,632	7,553	7,551	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542
	APR.												
Direct Man-Hours	465	618	617	592	638	592	547	422	338	267	176	—	—
Man-Hours	—	—	—	—	—	—	91	195	254	350	391	617	617
Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	465	618	617	592	638	592	638	617	592	617	567	617	617
Aver. Hrs. per Direct Worker in Month	148	200	200	192	207	192	207	200	192	200	184	200	200
Net Direct Employment	3,132	3,092	3,087	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083
Total Net Employment	7,510	7,482	7,476	7,472	7,472	7,472	7,472	7,472	7,472	7,472	7,472	7,472	7,472
	MAY												
Direct Man-Hours	600	603	570	607	558	515	398	318	251	165	—	—	—
Direct Man-Hours	—	—	—	—	—	88	187	245	336	375	587	587	608
Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	600	603	570	607	558	603	585	563	587	540	587	587	608
Aver. Hrs. per Direct Worker in Month	195	200	192	207	192	207	200	192	200	184	200	200	207
Net Direct Employment	3,070	3,016	2,967	2,933	2,908	2,913	2,924	2,931	2,937	2,937	2,937	2,937	2,937
Total Net Employment	7,390	7,185	7,096	7,037	6,977	6,985	7,002	7,014	7,023	7,023	7,023	7,023	7,023
	JUNE												
Direct Man-Hours	575	561	603	557	516	398	319	252	166	—	—	—	—
Direct Man-Hours	—	—	—	—	56	186	244	334	373	586	586	607	586
Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	575	561	603	557	602	584	563	586	539	586	586	607	586
Aver. Hrs. per Direct Worker in Month	194	192	207	192	207	200	192	200	184	200	200	207	200
Net Direct Employment	2,964	2,921	2,911	2,901	2,908	2,919	2,926	2,931	2,931	2,931	2,931	2,931	2,931
Total Net Employment	7,207	7,093	7,037	6,977	6,985	7,002	7,014	7,022	7,022	7,022	7,022	7,022	7,022

EASTERN AIRCRAFT, TRENTON

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
TBM-1 Direct Man-Hours	1,156	1,603	1,971	2,289	2,694	3,058	3,467	3,718	3,940	4,082	4,101	4,121	4,121
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,156	1,603	1,971	2,289	2,694	3,058	3,467	3,718	3,940	4,082	4,101	4,121	4,121
Aver. Hrs. per Direct Worker in Month	189	197	210	206	206	207	211	207	207	207	207	207	207
Direct Workers	6,104	8,133	9,471	11,098	13,059	14,792	16,452	17,968	19,023	19,718	19,818	19,890	19,890
Total Employees	14,657	16,552	18,094	20,152	22,610	24,886	26,887	28,956	30,270	31,395	31,522	31,612	31,612
	FEB.												
TBM-1 Direct Man-Hours	1,211	1,435	1,631	1,964	2,312	2,735	3,031	3,259	3,421	3,517	3,545	3,516	3,451
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,211	1,435	1,631	1,964	2,312	2,735	3,031	3,259	3,421	3,517	3,545	3,516	3,451
Aver. Hrs. per Direct Worker in Month	190	203	198	198	198	203	198	198	198	198	198	196	193
Direct Workers	6,360	7,052	8,255	9,942	11,695	13,445	15,307	16,465	17,276	17,769	17,913	17,913	17,913
Total Employees	15,026	16,075	17,653	19,485	21,528	23,699	25,950	27,414	28,388	29,110	29,449	29,349	29,449

EASTERN AIRCRAFT, TRENTON (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
TBM-1 Direct Man-Hours	1,414	1,510	1,765	2,053	2,381	2,693	2,993	3,246	3,412	3,461	3,461	3,461	3,461
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,414	1,510	1,765	2,053	2,381	2,693	2,993	3,246	3,412	3,461	3,461	3,461	3,461
Aver. Hrs. per Direct Worker in Month	198	194	199	199	201	199	194	198	196	199	199	199	199
Direct Workers	7,126	7,803	8,891	10,340	11,866	13,558	15,073	16,563	17,193	17,433	17,433	17,433	17,433
Total Employees	15,779	16,865	18,299	20,067	22,020	24,111	25,983	27,572	28,770	29,253	29,253	29,253	29,253
	APR.												
TBM-1 Direct Man-Hours	1,516	1,855	2,187	2,576	2,943	3,222	3,333	3,435	3,447	3,447	3,447	3,447	3,447
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,516	1,855	2,187	2,576	2,943	3,222	3,363	3,435	3,447	3,447	3,447	3,447	3,447
Aver. Hrs. per Direct Worker in Month	188	199	198	200	198	198	198	198	198	198	198	198	198
Direct Workers	8,045	9,344	11,023	12,864	14,839	16,245	16,951	17,318	17,373	17,373	17,373	17,373	17,373
Total Employees	16,839	18,817	21,240	23,468	25,648	27,447	28,543	29,049	29,182	29,182	29,182	29,182	29,182
	MAY												
TBM-1 Direct Man-Hours	1,753	2,093	2,561	2,941	3,224	3,366	3,431	3,450	3,450	3,450	3,450	3,450	3,450
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,753	2,093	2,561	2,941	3,224	3,366	3,431	3,450	3,450	3,450	3,450	3,450	3,450
Aver. Hrs. per Direct Worker in Month	200	198	200	198	198	198	198	198	198	198	198	198	198
Direct Workers	8,784	10,560	12,805	14,853	16,270	16,982	17,328	17,411	17,411	17,411	17,411	17,411	17,411
Total Employees	17,799	20,224	23,129	25,584	27,465	28,530	29,044	29,122	29,182	29,182	29,182	29,182	29,182
	JUNE												
TBM-1 Direct Man-Hours	1,828	2,052	2,257	2,456	2,732	2,962	3,125	3,125	3,125	3,125	3,125	3,125	3,125
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,828	2,052	2,257	2,456	2,732	2,962	3,125	3,125	3,125	3,125	3,125	3,125	3,125
Aver. Hrs. per Direct Worker in Month	197	201	199	199	199	199	198	198	198	198	198	198	198
Direct Workers	9,274	10,231	11,370	12,356	13,749	14,921	15,754	15,754	15,754	15,754	15,754	15,754	15,754
Total Employees	18,451	20,081	21,896	23,467	25,120	26,408	27,093	27,093	27,093	27,093	27,093	27,093	27,093
	JULY												
TBM-1 Direct Man-Hours	2,050	2,368	2,695	2,807	3,075	3,366	3,529	3,665	3,725	3,725	3,725	3,725	3,725
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,050	2,368	2,695	2,807	3,075	3,366	3,529	3,665	3,725	3,725	3,725	3,725	3,725
Aver. Hrs. per Direct Worker in Month	203	199	199	199	199	200	199	199	199	199	199	199	199
Direct Workers	10,077	11,898	13,517	14,089	15,422	16,875	17,699	18,391	18,697	18,697	18,697	18,697	18,697
Total Employees	19,480	22,073	23,688	25,203	26,980	28,706	29,531	30,360	30,707	30,707	30,707	30,707	30,707
	AUG.												
TBM-1 Direct Man-Hours	2,207	2,621	2,814	3,087	3,395	3,568	3,704	3,764	3,764	3,764	3,764	3,764	3,764
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,207	2,621	2,814	3,087	3,395	3,568	3,704	3,764	3,764	3,764	3,764	3,764	3,764
Aver. Hrs. per Direct Worker in Month	196	197	199	199	199	199	199	199	199	199	199	199	199
Direct Workers	11,258	13,319	14,150	15,502	17,022	17,894	18,585	18,892	18,892	18,892	18,892	18,892	18,892
Total Employees	21,084	23,934	25,474	27,316	29,082	29,959	30,771	31,098	31,098	31,098	31,098	31,098	31,098
	SEPT.												
TBM-1 Direct Man-Hours	2,602	2,912	3,222	3,539	3,663	3,728	3,755	3,755	3,755	3,755	3,755	3,755	3,755
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,602	2,912	3,222	3,539	3,663	3,728	3,755	3,755	3,755	3,755	3,755	3,755	3,755
Aver. Hrs. per Direct Worker in Month	206	197	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	12,655	14,792	16,268	17,862	18,493	18,810	18,957	18,957	18,957	18,957	18,957	18,957	18,957
Total Employees	23,001	25,500	27,472	29,452	30,324	30,913	31,098	31,098	31,098	31,098	31,098	31,098	31,098
	OCT.												
TBM-1 Direct Man-Hours	2,820	3,009	3,230	3,362	3,481	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499
All Other Direct Man-Hours	97	148	204	248	261	269	269	269	269	269	269	269	269
Total Direct Man-Hours	2,917	3,157	3,434	3,610	3,742	3,768	3,768	3,768	3,768	3,768	3,768	3,768	3,768
Aver. Hrs. per Direct Worker in Month	204	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	14,290	15,964	17,341	18,236	18,893	19,027	19,027	19,027	19,027	19,027	19,027	19,027	19,027
Total Employees	25 181	27,171	28,836	29,963	30,914	31,098	31,098	31,098	31,098	31,098	31,098	31,098	31,098
	NOV.												
TBM-1 Direct Man-Hours	2,866	2,863	2,988	3,137	3,255	3,290	3,298	3,298	3,298	3,298	3,298	3,298	3,298
All Other Direct Man-Hours	100	155	197	209	216	216	216	216	216	216	216	216	216
Total Direct Man-Hours	2,966	3,018	3,185	3,346	3,471	3,506	3,514	3,514	3,514	3,514	3,514	3,514	3,514
Aver. Hrs. per Direct Worker in Month	198	197	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	15,005	15,318	16,075	16,885	17,521	17,698	17,742	17,742	17,742	17,742	17,742	17,742	17,742
Total Employees	26,575	27,326	28,140	29,023	29,729	29,949	30,020	30,020	30,020	30,020	30,020	30,020	30,020

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

EASTERN AIRCRAFT (BOWIE) (Cont'd.)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
TBM Direct Man Hours	2,412	[illegible]	[illegible]	[illegible]	[illegible]	3,090	3,067	[illegible]	[illegible]	[illegible]	2,956	[illegible]	[illegible]
All Other Direct Man Hours	256	[illegible]	[illegible]	[illegible]	[illegible]	240	241	241	241	240	238	[illegible]	[illegible]
Total Direct Man Hours	2,668	[illegible]	[illegible]	[illegible]	[illegible]	3,330	3,308	3,286	3,262	3,239	3,194	3,095	[illegible]
Aver. Hrs. per Direct Worker in Month	180	[illegible]	[illegible]	[illegible]	[illegible]	196	196	196	196	196	197	196	[illegible]
Average Direct Workers	14,800	[illegible]	[illegible]	[illegible]	[illegible]	16,978	16,865	16,734	16,633	16,513	16,228	15,773	[illegible]
Direct Workers	27,968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Employees													
	1944 JAN.												
TBM Direct Man Hours	2,693												
All Other Direct Man Hours	135												
Total Direct Man Hours	2,828												
Aver. Hrs. per Direct Worker in Month	189												
Direct Workers	14,996												
Total Employees	27,613												
	FEB.												
TBM Direct Man Hours	2,466	2,506	2,616	2,594	2,568	2,540	2,510	2,481	2,451	2,421	2,591	2,382	2,381
All Other Direct Man Hours	202	239	243	246	247	247	248	248	248	248	246	246	246
Total Direct Man Hours	2,668	2,835	2,859	2,840	2,815	2,787	2,758	2,729	2,699	2,669	2,637	2,628	2,627
Aver. Hrs. per Direct Worker in Month	183	197	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	14,589	14,380	14,470	14,232	14,091	13,935	13,783	13,631	13,479	13,319	13,276	13,270	
Total Employees	27,125	27,009	27,071	26,840	26,543	26,275	25,996	25,737	25,475	25,230	24,988	24,915	24,909
	MAR.												
TBM-1C Direct Man Hours	2,808	2,907	2,593	2,567	2,539	2,510	2,481	2,451	2,409	2,388	2,382	2,382	2,382
All Other Direct Man Hours	76	242	246	247	247	248	248	248	248	246	246	246	246
Total Direct Man Hours	2,884	2,849	2,839	2,814	2,786	2,758	2,729	2,699	2,657	2,634	2,628	2,628	2,628
Aver. Hrs. per Direct Worker in Month	200	198	198	198	198	198	198	198	197	198	198	198	198
Direct Workers	14,456	14,422	14,364	14,282	14,091	13,935	13,783	13,631	13,479	13,319	13,288	13,288	13,288
Total Employees	26,902	26,965	26,840	26,543	26,275	25,996	25,737	25,475	25,230	24,988	24,927	24,927	24,927
	APR.												
TBM-1C Direct Man Hours	2,571	2,712	2,727	2,682	2,631	2,616	2,555	2,535	2,495	2,489	2,468	2,448	2,427
All Other Direct Man Hours	191	221	226	227	225	225	227	230	229	229	229	229	229
Total Direct Man Hours	2,762	2,933	2,953	2,909	2,856	2,841	2,782	2,765	2,724	2,718	2,697	2,677	2,656
Aver. Hrs. per Direct Worker in Month	189	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	14,640	14,839	14,901	14,686	14,407	14,323	14,034	13,942	13,740	13,708	13,608	13,508	13,408
Total Employees	27,193	27,527	27,418	27,030	26,531	26,350	25,947	25,761	25,477	25,400	25,283	25,167	25,051
	MAY												
TBM Direct Man Hours	2,985	2,927	2,857	2,870	2,802	2,788	2,739	2,705	2,697	2,643	2,672	2,640	2,655
XTBM Direct Man-Hours	8	8	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	8	8	7	6	6	6	6	6	6	6	6
Total Direct Man-Hours	2,993	2,935	2,865	2,878	2,809	2,794	2,745	2,711	2,703	2,649	2,678	2,646	2,661
Aver. Hrs. per Direct Worker in Month	203	198	194	197	195	196	195	195	196	194	198	195	196
Net Direct Employment	14,777	14,809	14,796	14,603	14,398	14,235	14,072	13,895	13,778	13,670	13,562	13,562	13,562
Total Net Employment	27,156	27,156	26,998	26,529	26,214	25,986	25,707	25,382	25,155	25,155	25,155	25,155	25,155
	JUNE												
TBM Direct Man Hours	2,757	2,855	2,872	2,831	2,803	2,769	2,737	2,709	2,679	2,657	2,657	2,657	2,657
XTBM Direct Man-Hours	8	8	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	8	7	6	6	6	6	6	6	6	6	6
Total Direct Man-Hours	2,765	2,863	2,880	2,838	2,809	2,775	2,743	2,715	2,685	2,663	2,663	2,663	2,663
Aver. Hrs. per Direct Worker in Month	187	195	197	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	14,784	14,722	14,595	14,390	14,233	14,068	13,904	13,762	13,609	13,495	13,495	13,495	13,495
Total Net Employment	27,264	27,021	26,572	26,221	25,973	25,684	25,365	25,100	24,859	24,669	24,669	24,669	24,669
	JULY												
TBM Direct Man Hours	2,653	2,719	2,743	2,725	2,708	2,692	2,673	2,645	2,619	2,619	2,618	2,618	2,618
XTBM Direct Man Hours	7	7	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	—	—	7	6	6	6	6	6	6	6	6	6	6
Total Direct Man Hours	2,660	2,726	2,750	2,731	2,714	2,698	2,679	2,651	2,625	2,625	2,625	2,625	2,625
Aver. Hrs. per Direct Worker in Month	187	197	197	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	14,231	13,810	13,940	13,848	13,762	13,678	13,578	13,435	13,305	13,302	13,302	13,302	13,302
Total Net Employment	26,846	25,867	25,967	25,816	25,605	25,355	25,117	24,881	24,686	24,660	24,660	24,660	24,660
	AUG.												
TBM Direct Man Hours	2,554	2,601	2,616	2,630	2,647	2,658	2,651	2,628	2,621	2,613	2,604	2,600	2,600
XTBM Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	7	6	6	6	6	6	6	6	6	6	6	6
Total Direct Man-Hours	2,561	2,611	2,622	2,636	2,653	2,664	2,657	2,634	2,627	2,619	2,610	2,606	2,606

EASTERN AIRCRAFT, TRENTON (Cont'd.)

Item	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
Aver. Hrs. per Direct Worker in Month	188	[illegible]	196	196	197	197	197	197	197	[illegible]	[illegible]	[illegible]	[illegible]
Net Direct Employment	13,600	13,[illegible]9	13,444	13,495	13,493	13,460	13,345	13,310	[illegible]	[illegible]	13,201	13,201
Total Net Employment	25,801	25,422	25,669	25,717	25,706	25,576	25,493	25,383	25,293	[illegible]	25,209	25,174	25,174
	SEPT.												
TBM Direct Man Hours	2,399	2,510	2,495	2,182	2,461	2,440	2,414	2,404	2,396	2,391	2,390	2,390	2,390
XTBM Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,406	2,517	2,502	2,489	2,468	2,447	2,421	2,411	2,403	2,398	2,397	2,397	2,397
Aver. Hrs. per Direct Worker in Month	182	194	195	196	196	196	196	196	196	196	196	196	196
Net Direct Employment	13,220	12,946	12,806	12,687	12,589	12,479	12,345	12,295	12,252	12,228	12,222	12,222	12,222
Total Net Employment	25,024	25,003	24,807	24,615	24,446	24,260	24,013	23,875	23,735	23,657	23,647	23,647	23,647
	OCT.												
TBM Direct Man-Hours	2,445	2,417	2,401	2,377	2,354	2,328	2,319	2,309	2,304	2,303	2,303	2,303	2,303
All Other Direct Man-Hours	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,452	2,424	2,408	2,384	2,361	2,335	2,326	2,316	2,311	2,310	2,310	2,310	2,310
Aver. Hrs. per Direct Worker in Month	191	194	194	194	194	194	194	194	194	194	194	194	194
Net Direct Employment	12,811	12,525	12,401	12,287	12,170	12,037	11,988	11,939	11,910	11,904	11,904	11,904	11,904
Total Net Employment	24,532	24,191	23,984	23,808	23,636	23,419	23,292	23,159	23,083	23,073	23,073	23,073	23,073
	NOV.												
TBM Direct Man-Hours	2,482	2,490	2,364	2,339	2,315	2,306	2,297	2,292	2,289	2,287	2,286	2,284	2,283
All Other Direct Man-Hours	6	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,488	2,497	2,371	2,346	2,322	2,313	2,304	2,299	2,296	2,294	2,293	2,291	2,290
Aver. Hrs. per Direct Worker in Month	197	203	194	194	194	194	194	194	194	194	194	194	194
Net Direct Employment	12,614	12,328	12,216	12,086	11,959	11,912	11,865	11,837	11,826	11,815	11,805	11,795	11,786
Total Net Employment	24,106	23,843	23,712	23,557	23,366	23,254	23,132	23,062	23,048	23,133	23,017	23,004	22,991
	DEC.												
TBM Direct Man-Hours	2,380	2,573	2,467	2,436	2,416	2,412	2,410	2,407	2,405	2,403	2,401	2,400	2,399
All Other Direct Man-Hours	6	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,386	2,580	2,474	2,443	2,423	2,419	2,417	2,414	2,412	2,410	2,408	2,407	2,406
Aver. Hrs. per Direct Worker in Month	189	204	198	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	12,614	12,620	12,499	12,409	12,313	12,295	12,282	12,271	12,260	12,250	12,240	12,231	12,226
Total Net Employment	23,937	23,856	23,677	23,497	23,297	23,180	23,107	23,093	23,078	23,063	23,049	23,036	23,029
	1945 JAN.												
TBM Direct Man-Hours	2,574	2,421	2,431	2,409	2,403	2,399	2,396	2,394	2,392	2,390	2,389	2,388	2,388
All Other Direct Man-Hours	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,581	2,428	2,438	2,416	2,410	2,406	2,403	2,401	2,399	2,397	2,396	2,395	2,395
Aver. Hrs. per Direct Worker in Month	201	192	197	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	12,824	12,626	12,376	12,270	12,240	12,219	12,210	12,194	12,190	12,180	12,169	12,164	12,164
Total Net Employment	23,977	23,639	23,280	23,047	23,099	22,812	22,798	22,783	22,768	22,754	22,741	22,734	22,734
	FEB.												
TBM Direct Man-Hours	2,247	2,468	2,429	2,417	2,394	2,372	2,360	2,353	2,346	2,344	2,342	2,341	2,341
All Other Direct Man-Hours	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,254	2,475	2,436	2,424	2,401	2,379	2,367	2,360	2,353	2,351	2,349	2,348	2,348
Aver. Hrs. per Direct Worker in Month	175	197	196	197	198	197	197	197	197	197	197	197	197
Net Direct Employment	12,850	12,571	12,451	12,309	12,145	12,086	12,037	12,000	11,977	11,967	11,957	11,951	11,951
Total Net Employment	23,941	23,691	23,491	23,131	22,869	22,793	22,683	22,678	22,683	22,670	22,658	22,650	22,650
	MAR.												
TBM Direct Man-Hours	2,432	2,323	2,388	2,348	2,241	2,415	2,134	2,401	2,215	2,213	2,306	2,118	2,306
All Other Direct Man-Hours	8	7	7	7	7	8	7	8	7	7	7	7	7
Total Direct Man-Hours	2,440	2,330	2,395	2,355	2,248	2,423	2,141	2,409	2,222	2,220	2,313	2,125	2,313
Aver. Hrs. per Direct Worker in Month	194	188	196	196	188	203	180	203	188	188	196	180	196
Net Direct Employment	12,584	12,376	12,201	11,996	11,952	11,921	11,888	11,849	11,823	11,813	11,807	11,807	11,807
Total Net Employment	23,615	23,347	23,061	22,762	22,594	22,502	22,513	22,529	22,513	22,500	22,492	22,492	22,492
	APR.												
TBM Direct Man-Hours	2,234	2,354	2,328	2,228	2,401	2,121	2,387	2,204	2,204	2,296	2,118	2,296	2,296
All Other Direct Man-Hours	7	8	8	7	8	7	8	7	7	8	7	8	8
Total Direct Man-Hours	2,241	2,362	2,336	2,235	2,409	2,128	2,395	2,211	2,211	2,304	2,120	2,304	2,304
Aver. Hrs. per Direct Worker in Month	183	196	196	188	203	180	203	188	188	196	180	196	196
Net Direct Employment	12,272	12,059	11,923	11,893	11,869	11,833	11,797	11,774	11,774	11,774	11,774	11,774	11,774
Total Net Employment	23,125	22,845	22,642	22,511	22,447	22,464	22,462	22,433	22,433	22,433	22,433	22,433	22,433
	MAY												
TBM Direct Man-Hours	2,296	2,170	2,149	1,868	1,928	2,253	2,094	2,100	2,191	2,014	2,191	2,191	2,191
All Other Direct Man-Hours	6	7	7	6	7	8	7	7	8	7	8	8	8
Total Direct Man-Hours	2,302	2,177	2,156	1,874	1,935	2,261	2,101	2,107	2,199	2,021	2,199	2,199	2,199

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

EASTERN AIRCRAFT, TRENTON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
Aver. Hrs. per Direct Worker in Month	193	168	88	166	173	193	188	188	196	180	196	196	196
Net Direct Employment	11,949	11,788	11,470	11,288	11,186	11,143	11,175	11,204	11,224	11,224	11,224	11,224	11,224
Total Net Employment	22,742	22,038	21,833	21,499	21,402	21,356	21,424	21,473	21,506	21,506	21,506	21,506	21,506
	JUNE												
M-M Direct Man-Hours	2,178	2,089	1,825	1,897	2,214	2,056	2,061	2,152	1,977	2,157	2,157	2,157	2,065
All Other Direct Man Hours	8	7	6	7	8	7	7	8	7	8	8	8	7
Total Direct Man Hours	2,186	2,096	1,831	1,904	2,222	2,063	2,068	2,160	1,984	2,165	2,165	2,165	2,072
Aver. Hrs. per Direct Worker in Month	186	188	186	173	203	188	188	196	180	196	196	196	188
Net Direct Employment	11,649	11,144	11,064	11,004	10,946	10,973	11,002	11,023	11,023	11,023	11,023	11,023	11,023
Total Net Employment	21,851	21,350	21,140	21,052	20,958	20,998	21,047	21,081	21,081	21,081	21,081	21,081	21,081

FAIRCHILD, BURLINGTON

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
AT-21 Direct Man-Hours	43	237	319	334	341	424	533	530	530	530	530	554	530
All Other Direct Man-Hours	0	41	34	46	48	73	84	95	95	95	95	95	95
Total Direct Man Hours	43	278	353	380	389	497	617	625	625	625	625	649	625
Aver. Hrs. per Direct Worker in Month	208	192	216	208	208	208	216	208	208	208	208	216	208
Direct Workers	208	1,449	1,633	1,826	1,870	2,392	2,856	3,003	3,003	3,003	3,003	3,003	3,003
Total Employees	797	2,122	2,385	2,649	2,771	3,337	3,843	4,031	4,031	4,031	4,031	4,031	4,031
	FEB.												
AT-21 Direct Man-Hours	53	203	209	223	228	240	243	306	306	306	318	306	282
All Other Direct Man-Hours	0	79	81	87	88	93	94	119	119	119	123	119	110
Total Direct Man-Hours	53	282	290	310	316	333	337	425	425	425	441	425	392
Aver Hrs per Direct Worker in Month	182	216	208	208	208	216	208	208	208	208	216	208	192
Direct Workers	293	1,307	1,394	1,490	1,519	1,540	1,620	2,041	2,041	2,041	2,041	2,041	2,041
Total Employees	963	2,059	2,217	2,391	2,464	2,527	2,627	3,048	3,048	3,048	3,048	3,048	3,048
	MAR.												
AT-21 Direct Man-Hours	70	161	319	327	345	390	481	481	481	500	481	444	500
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	70	161	319	327	345	390	481	481	481	500	481	444	500
Aver. Hrs. per Direct Worker in Month	205	208	208	208	216	208	208	208	208	216	208	192	216
Direct Workers	341	774	1,534	1,572	1,597	1,875	2,313	2,313	2,313	2,313	2,313	2,313	2,313
Total Employees	1,208	1,800	2,560	2,700	3,030	3,380	4,093	4,093	4,093	4,093	4,093	4,093	4,093
	APR.												
AT-21 Direct Man-Hours	92	179	246	340	452	481	533	572	634	611	564	634	611
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	92	179	246	340	452	481	533	572	634	611	564	634	611
Aver. Hrs. per Direct Worker in Month	193	208	208	216	208	208	208	208	216	208	192	216	208
Direct Workers	476	861	1,183	1,574	2,173	2,313	2,563	2,750	2,935	2,935	2,935	2,935	2,935
Total Employees	1,394	1,859	2,209	2,628	3,255	3,413	3,691	3,906	4,093	4,093	4,093	4,093	4,093
	MAY												
AT-21 Direct Man-Hours	131	220	263	372	471	526	569	611	608	561	631	608	631
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	131	220	263	372	471	526	569	611	608	561	631	608	631
Aver. Hrs. per Direct Worker in Month	208	208	216	208	208	208	208	216	208	192	216	208	216
Direct Workers	630	1,058	1,218	1,788	2,264	2,529	2,736	2,829	2,923	2,923	2,923	2,923	2,923
Total Employees	1,679	2,115	2,294	2,908	3,409	3,699	3,906	3,999	4,093	4,093	4,093	4,093	4,093
	JUNE												
AT-21 Direct Man-Hours	117	142	175	357	556	556	577	556	513	577	556	577	556
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	117	142	175	357	556	556	577	556	513	577	556	577	556
Aver. Hrs per Direct Worker in Month	182	216	208	208	208	208	216	208	192	216	208	216	208
Direct Workers	644	857	841	1,716	2,672	2,672	2,672	2,672	2,672	2,672	2,672	2,672	2,672
Total Employees	1,843	1,968	2,207	3,137	4,093	4,093	4,093	4,093	4,093	4,093	4,093	4,093	4,093
	JULY												
AT-21 Direct Man-Hours	116	162	190	534	534	548	529	508	553	508	534	534	534
All Other Direct Man-Hours	7	2	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	123	164	190	534	534	548	529	508	553	508	534	534	534
Aver Hrs per Direct Worker in Month	190	198	200	200	200	205	198	190	207	190	200	200	200
Direct Workers	649	828	950	2,672	2,672	2,672	2,672	2,672	2,672	2,672	2,672	2,672	2,672
Total Employees	1,953	2,194	2,371	4,093	4,093	4,093	4,093	4,093	4,093	4,093	4,093	4,093	4,093
	AUG.												
AT-21 Direct Man-Hours	140	165	170	739	739	739	739	739	739	739	739	739	739
All Other Direct Man-Hours	2	0	0	0	0	0	0	0	0	0	0	0	0
Total Direct Man-Hours	142	165	170	739	739	739	739	739	739	739	739	739	739

FAIRCHILD, BURLINGTON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
Aver. Hrs. per Direct Worker in Month	204	200	198	201	207	200	195	207	194	202	206	[illegible]	[illegible]
Direct Workers	696	825	859	3,677	3,570	3,695	3,790	3,670	3,809	3,658	3,587	[illegible]	[illegible]
Total Employees	2,091	2,401	2,435	5,253	5,146	5,271	5,366	5,146	5,385	5,234	5,163	[illegible]	[illegible]
	SEPT.												
AT-21 Direct Man-Hours	142	255	287	312	335	366	445	474	546	546	546	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	142	255	287	312	335	366	445	474	546	546	546	[illegible]	[illegible]
Aver Hrs per Direct Worker in Month	201	202	200	207	202	190	200	192	201	201	201	[illegible]	[illegible]
Direct Workers	708	1,262	1,435	1,507	1,658	1,926	2,225	2,469	2,716	2,716	2,716	[illegible]	[illegible]
Total Employees	2,238	2,891	3,089	3,176	3,352	3,620	3,919	4,163	4,410	4,410	4,410	[illegible]	[illegible]
	OCT.												
AT-21 Direct Man-Hours	147	287	312	335	366	445	474	546	546	546	546	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	147	287	312	335	366	445	474	546	546	546	546	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	198	200	205	200	192	201	190	201	201	201	201	[illegible]	[illegible]
Direct Workers	742	1,435	1,522	1,675	1,906	2,214	2,495	2,716	2,716	2,716	2,716	[illegible]	[illegible]
Total Employees	2,365	3,084	3,181	3,344	3,595	3,903	4,184	4,495	4,405	4,405	4,405	[illegible]	[illegible]
	NOV.												
AT-21 Direct Man-Hours	155	192	257	323	379	398	422	437	440	445	412	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	155	192	257	323	379	398	422	437	440	445	412	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	201	204	204	196	212	204	204	204	200	208	204	[illegible]	[illegible]
Direct Workers	773	941	1,260	1,648	1,788	1,951	2,069	2,142	2,200	2,139	2,020	[illegible]	[illegible]
Total Employees	2,443	2,628	2,947	3,335	3,475	3,638	3,756	3,829	3,887	3,826	3,707	[illegible]	[illegible]
	DEC.												
AT-21 Direct Man-Hours	162	211	264	327	346	411	417	433	448	450	456	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	162	211	264	327	346	411	417	433	448	450	456	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	199	200	192	207	196	210	204	204	206	204	200	[illegible]	[illegible]
Direct Workers	813	1,055	1,375	1,580	1,765	1,957	2,044	2,123	2,175	2,206	2,280	[illegible]	[illegible]
Total Employees	2,529	2,754	3,074	3,279	3,464	3,656	3,743	3,822	3,874	3,905	3,979	[illegible]	[illegible]
	1944 JAN.[3]												
AT-21 Direct Man-Hours	176	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	0	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	176	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	194	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	905	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	2,648	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
AT 21 Direct Man-Hours	209	255	283	324	357	388	419	449	463	454	449	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	209	255	283	324	357	388	419	449	463	454	449	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	197	205	200	205	202	200	203	204	202	200	200	[illegible]	[illegible]
Direct Workers	1,063	1,244	1,415	1,580	1,767	1,940	2,064	2,201	2,292	2,270	2,245	[illegible]	[illegible]
Total Employees	2,780	2,685	2,050	2,815	3,002	3,175	3,299	3,436	3,527	3,505	3,480	[illegible]	[illegible]
	MAR.												
AT 21 Direct Man-Hours	240	270	293	304	353	410	473	473	457	424	404	[illegible]	[illegible]
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]
Total Direct Man-Hours	240	270	293	304	353	410	473	473	457	424	404	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	194	200	200	200	200	200	200	200	200	200	200	[illegible]	[illegible]
Direct Workers	1,239	1,350	1,465	1,820	1,765	2,050	2,365	2,365	2,285	2,120	2,020	[illegible]	[illegible]
Total Employees	2,835	2,987	3,102	3,157	3,402	3,687	4,002	4,002	3,922	3,757	3,657	[illegible]	[illegible]
	APR.												
AT-21 Direct Man-Hours	251	270	272	284	268	246	208	80	62	—	—	—	—
All Other Direct Man-Hours	0	0	0	0	0	0	0	0	0	—	—	—	—
Total Direct Man-Hours	251	270	272	284	268	246	208	80	62	—	—	—	—
Aver. Hrs. per Direct Worker in Month	189	200	200	200	200	200	200	200	200	—	—	—	—
Direct Workers	1,326	1,350	1,358	1,421	1,341	1,232	1,039	400	312	—	—	—	—
Total Employees	2,873	2,899	2,907	2,970	2,890	2,781	2,588	1,949	1,861	—	—	—	—
	MAY												
AT-21 Direct Man-Hours	224	248	254	240	202	139	78	31	—	—	—	—	—
All Other Direct Man-Hours	2	0	0	0	0	0	0	0	—	—	—	—	—
Total Direct Man-Hours	226	248	254	240	202	139	78	31	—	—	—	—	—

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

FAIRCHILD, BURLINGTON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
Aver. Hrs. per Direct Worker in Month	194	191	[illegible]	191	191	191	191						
Net Direct Employment	1,165	1,258	[illegible]	1,057	1,058	728	[illegible]	762	—	—	—	—	—
Total Net Employment	2,742	2,534	[illegible]	2,261	1,740	1,178	1,184	—	—	—	—	—	—
	JUNE												
AT-21 Direct Man-Hours	211	250	249	99	151	80	31						
All Other Direct Man Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	214	250	49	99	151	80	31	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	193	191	191	191	196	196	196	—	—	—	—	—	—
Net Direct Employment	1,111	1,309	1,304	1,094	770	408	158	—	—	—	—	—	—
Total Net Employment	2,546	2,443	2,439	2,329	2,005	1,466	1,216	—	—	—	—	—	—
	JULY												
AT-21 Direct Man-Hours	207	226	209	151	80	31	—	—	—	—	—	—	—
All Other Direct Man Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	208	226	209	151	80	31	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	200	192	192	196	196	196	—	—	—	—	—	—	—
Net Direct Employment	1,040	1,178	1,089	770	408	158	—	—	—	—	—	—	—
Total Net Employment	2,344	2,421	2,382	2,013	1,466	1,216	—	—	—	—	—	—	—
	AUG.												
AT-21 Direct Man Hours	186	102	28	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	186	102	28	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	229	208	208	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	812	490	435	—	—	—	—	—	—	—	—	—	—
Total Net Employment	1,845	990	435	—	—	—	—	—	—	—	—	—	—
	SEPT.												
AT-21 Direct Man-Hours	79	3	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	—	3	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	79	6	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	176	194	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	448	31	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	1,042	300	—	—	—	—	—	—	—	—	—	—	—
	OCT.[2]												
AT-21 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	9	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	53	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	169	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	506	—	—	—	—	—	—	—	—	—	—	—	—

FAIRCHILD, HAGERSTOWN

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
PT 19A + B Direct Man-Hours	212	276	242	310	365	374	360	357	355	278	5	—	—
PT-26 Direct Man-Hours	60	104	96	34	20	20	—	—	—	—	—	—	—
PT 23 Direct Man-Hours	5	10	20	54	54	55	55	55	54	55	56	56	55
UC 61A Direct Man-Hours	64	63	84	84	84	84	84	84	84	84	84	84	84
AT 11 Direct Man-Hours	19	22	22	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	484	607	922	546	508	191	16	14	12	12	12	12	—
Total Direct Man-Hours	844	1,082	1,086	1,028	1,031	725	515	510	505	429	157	152	139
Aver. Hrs. per Direct Worker in Month	156	179	203	195	203	195	203	203	195	203	195	195	203
Direct Workers	5,394	6,046	5,349	5,272	5,081	3,717	2,539	2,513	2,587	2,115	846	778	687
Total Employees	8,357	8,500	8,600	8,100	7,900	5,900	4,800	4,700	4,600	3,800	1,400	1,400	1,300
	FEB.												
PT 19A + B Direct Man Hours	201	249	284	341	350	339	337	334	303	5	—	—	—
PT-26 Direct Man Hours	60	102	48	20	20	—	—	—	—	—	—	—	—
PT-23 Direct Man Hours	3	4	26	53	53	53	53	53	52	54	54	54	53
UC-61A Direct Man Hours	61	85	101	101	101	101	101	101	101	101	103	103	105
AT-21 Direct Man Hours	16	22	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	451	605	643	658	659	669	565	343	343	342	343	342	342
Total Direct Man-Hours	792	1,067	1,102	1,173	1,183	1,162	1,056	831	799	502	500	499	500
Aver. Hrs. per Direct Worker in Month	147	203	195	203	195	203	203	195	203	195	195	203	179
Direct Workers	5,377	5,256	5,649	5,780	6,066	5,726	5,200	4,259	3,036	2,676	2,563	2,459	2,795
Total Employees	8,101	8,076	8,043	8,630	8,974	8,568	7,680	6,112	5,681	4,063	3,938	3,742	4,057

FAIRCHILD, HAGERSTOWN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
PT 19 23A + B Direct Man-Hours	334	235	300	300	325	325	325	350	350	350	350	350	350
PT-26 Direct Man Hours	56	36	18	23	—	—	—	—	—	—	—	—	—
UC-61A Direct Man-Hours	76	92	100	100	100	100	100	100	100	100	100	100	100
AT-21 Direct Man Hours	23	20	15	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	476	510	530	545	555	575	585	585	585	585	585	585	585
Total Direct Man-Hours	865	893	963	968	980	1,000	1,010	1,035	1,035	1,035	1,035	1,035	1,035
Aver. Hrs. per Direct Worker in Month	166	172	182	181	181	185	187	192	192	192	192	192	192
Direct Workers	5,208	5,200	5,300	5,350	5,400	5,400	5,400	5,400	5,400	5,400	5,400	5,400	5,400
Total Employees	8,092	8,100	8,100	8,250	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300
	APR.												
PT-19+23A+B Direct Man-Hours	208	250	250	250	250	300	300	300	300	350	350	350	350
PT-26 Direct Man Hours	29	15	15	20	—	—	—	—	—	—	—	—	—
UC-61A Direct Man-Hours	84	95	95	95	95	95	95	95	95	100	100	100	100
AT-21 Direct Man-Hours	29	25	20	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	414	452	485	515	550	585	585	585	585	585	585	585	585
Total Direct Man-Hours	764	837	865	880	895	980	980	980	980	1,030[3]	1,035	1,035	1,035
Aver. Hrs. per Direct Worker in Month	157	167	173	176	175	192	192	192	192	194	195	195	195
Direct Workers	4,865	5,012	5,000	5,000	5,114	5,104	5,104	5,104	5,104	5,309	5,308	5,308	5,308
Total Employees	8,128	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,300	8,300	8,300	8,300
	MAY												
PT-19+23A+B Direct Man-Hours	188	206	210	220	225	225	225	225	225	225	225	225	225
PT-26 Direct Man-Hours	30	25	20	10	5	2	2	—	—	—	—	—	—
UC-61A Direct Man-Hours	63	75	80	80	80	80	80	80	80	80	80	80	80
AT-21 Direct Man-Hours	29	30	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	412	430	450	450	460	460	460	460	460	460	460	460	460
Total Direct Man-Hours	722	760[3]	760	760	770	767	767	765	765	765	765	765	765
Aver. Hrs. per Direct Worker in Month	162	169	169	169	171	170	170	170	170	170	170	170	170
Direct Workers	4,466	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Total Employees	7,887	7,800	7,700	7,700	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600	7,600
	JUNE												
PT-19+23 Direct Man-Hours	182	200	200	200	200	200	200	200	200	200	200	200	200
PT-26 Direct Man-Hours	19	20	10	10	5	2	2	—	—	—	—	—	—
UC-61A Direct Man-Hours	67	70	70	70	70	70	70	70	70	70	70	70	70
AT-21 Direct Man-Hours	24	25	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	397	410	470	475	475	475	475	475	475	475	475	475	475
Total Direct Man-Hours	689	725	750	755	750	747	747	745	745	745	745	745	745
Aver. Hrs. per Direct Worker in Month	160	169	174	189	188	187	187	186	186	186	186	186	186
Direct Workers	4,318	4,290	4,310	3,995	3,989	3,995	3,995	4,005	4,005	4,005	4,005	4,005	4,005
Total Employees	7,364	7,290	7,310	6,995	6,989	6,995	6,995	7,005	7,005	7,005	7,005	7,005	7,005
	JULY												
PT-19-23-26 Direct Man-Hours	185	190	190	200	200	200	200	190	190	142	142	95	70
UC-61A Direct Man-Hours	62	63	63	75	75	75	75	72	68	64	64	14	—
AT-21 Direct Man-Hours	12	10	5	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	—	—	—	—	—	41	92	155	250	395	651	837	887
All Other Direct Man-Hours	345	399	428	451	482	501	495	463	397	329	75	—	—
Total Direct Man-Hours	604	662	686	726	757	817	862	880	905	921	932	946	957
Aver. Hrs. per Direct Worker in Month	152	158	158	161	152	157	102	165	165	165	165	165	165
Direct Workers	3,974	4,180	4,332	4,497	4,955	5,192	5,331	5,434	5,484	5,581	5,648	5,733	5,800
Total Employees	7,336	7,603	7,836	8,107	8,671	9,023	9,208	9,475	9,616	9,778	9,883	10,031	10,147
	AUG.												
PT-19-23-26 Direct Man-Hours	199	200	200	200	200	200	190	190	190	140	90	70	70
UC-61A Direct Man-Hours	62	63	75	75	75	75	75	68	64	64	20	—	—
AT-21 Direct Man-Hours	12	8	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	—	—	—	—	45	50	85	235	356	656	792	870	910
All Other Direct Man-Hours	395	420	435	460	480	505	495	367	260	30	—	—	—
Total Direct Man-Hours	668	691	710	735	800	830	845	860	870	890	902	940	980
Aver. Hrs. per Direct Worker in Month	155	160	160	150	153	158	158	159	158	159	158	163	165
Direct Workers	4,302	4,332	4,439	4,710	5,225	5,250	5,350	5,400	5,475	5,600	5,700	5,775	5,950
Total Employees	7,418	7,600	8,000	8,300	8,700	9,000	9,200	9,400	9,600	9,700	9,900	10,100	10,200
	SEPT.												
PT-19-23-26 Direct Man-Hours	210	210	210	218	218	205	203	202	167	99	71	34	2
UC-61A Direct Man-Hours	72	72	70	69	68	64	62	60	60	19	5	—	—
AT-21 Direct Man-Hours	23	10	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	—	—	—	45	50	85	235	356	656	792	870	910	930
All Other Direct Man-Hours	407	423	448	460	489	496	486	340	210	121	11	1	1
Total Direct Man-Hours	712	715	728	792	825	850	936	958	1,093	1,031	957	945	933

TABLE 9. LABOR REQUIREMENTS -- REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

DOUGLAS, HAGERSTOWN (Cont'd.)

ITEM	Report Month Actual	Forecast (Based on Report Month) +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT												
Aver. Hrs. per Direct Worker in Month	168	171	177	177	177	177	177	185	177	177	177	177
Direct Workers	4,138	4,150	4,470	4,660	4,800	5,280	5,410	5,900	5,520	5,400	5,330	5,270
Total Employees	7,387	7,450	7,775	7,800	8,000	8,100	8,900	9,100	9,300	9,700	9,500	9,400	9,300
	OCT												
PT-19-23-26 Direct Man Hours	210	211	218	218	224	222	221	220	214	213	214	215	215
UC-61A Direct Man Hours	72	70	59	39	65	63	62	62	68	69	64	48	32
AT-21 Direct Man Hours	12	12	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man Hours	—	—	39	54	67	71	93	258	385	442	464	499	536	573
All Other Direct Man-Hours	421	418	460	489	503	505	373	269	240	240	239	239	233
Total Direct Man-Hours	715	780	809	843	863	883	914	936	964	986	1,016	1,038	1,059
Aver. Hrs. per Direct Worker in Month	170	177	179	179	177	177	177	177	177	177	177	177	177
Direct Workers	4,200	4,460	4,524	4,698	4,872	4,988	5,162	5,278	5,452	5,568	5,742	5,858	5,974
Total Employees	7,400	7,600	7,800	8,100	8,400	8,600	8,900	9,100	9,400	9,600	9,900	10,100	10,300
	NOV.												
PT-19-23-26 Direct Man Hours	218	221	221	224	223	222	222	222	220	220	220	218	218
UC-61 Direct Man Hours	77	75	75	73	73	73	71	71	71	69	18	32	31
AT-21 Direct Man Hours	10	6	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man Hours	—	5	15	25	75	210	303	352	424	451	512	565	596
All Other Direct Man-Hours	412	415	429	444	454	345	280	255	205	205	205	205	205
Total Direct Man-Hours	717	722	740	766	825	850	876	900	920	945	985	1,020	1,050
Aver. Hrs. per Direct Worker in Month	175	171	177	179	188	188	188	188	188	189	191	191	191
Direct Worker	4,102	4,210	4,190	4,290	4,390	4,500	4,660	4,780	4,890	5,000	5,150	5,340	5,500
Total Employees	7,380	7,510	7,500	7,650	7,800	8,000	8,300	8,500	8,700	8,900	9,200	9,500	9,800
	DEC.												
PT-19-23-26 Direct Man-Hours	224	221	177	166	160	150	140	130	95	90	85	50	30
UC-61 Direct Man-Hours	76	75	74	78	77	76	75	75	75	53	53	52	21
AT-21 Direct Man-Hours	4	1	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	—	2	40	100	199	261	297	332	372	412	410	455	491
All Other Direct Man-Hours	397	403	420	425	345	280	255	230	225	220	220	220	220
Total Direct Man-Hours	701	702	711	769	781	767	767	767	767	775	768	777	762
Aver. Hrs. per Direct Worker in Month	172	172	173	180	181	182	182	182	182	182	182	184	182
Direct Workers	4,083	4,081	4,134	4,272	4,315	4,214	4,214	4,214	4,214	4,258	4,220	4,214	4,187
Total Employees	7,455	7,481	7,534	7,672	7,715	7,614	7,614	7,614	7,614	7,558	7,420	7,314	7,187
	1944 JAN.[3]												
PT-19-23-26 Direct Man-Hours	242	—	—	—	—	—	—	—	—	—	—	—	—
UC-61A Direct Man-Hours	72	—	—	—	—	—	—	—	—	—	—	—	—
AT-21 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	426	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	743	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	4,133	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	7,519	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
PT-19-23-26 Direct Man-Hours	203	175	149	75	67	59	27	—	—	—	—	—	—
UC-61A-K Direct Man-Hours	73	76	72	73	74	82	79	58	58	38	—	—	—
AT-21 Direct Man-Hours	1	0	0	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	0	5	18	125	208	248	300	360	370	390	405	440	415
All Other Direct Man-Hours	419	430	447	359	283	243	223	212	202	203	197	187	187
Total Direct Man-Hours	696	686	686	632	632	632	629	630	630	631	602	627	602
Aver. Hrs. per Direct Worker in Month	168	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Direct Workers	4,139	3,900	3,900	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700
Total Employees	7,566	7,300	7,300	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100
	MAR.												
PT-19-23-26 Direct Man-Hours	158	127	90	80	45	15	—	—	—	—	—	—	—
UC-61A-K Direct Man-Hours	88	90	95	90	90	80	75	60	35	—	—	—	—
AT-21 Direct Man-Hours	24	18	5	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	1	5	52	175	250	310	340	365	390	400	410	420	450
All Other Direct Man-Hours	446	455	388	287	247	227	217	206	206	201	191	181	133
Total Direct Man-Hours	717	695	630	632	632	632	632	631	631	601	601	601	583
Aver. Hrs. per Direct Worker in Month	188	185	170	171	171	171	171	170	170	162	162	162	167
Direct Workers[4]	3,978	3,750	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,500
Total Employees[4]	7,423	7,150	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	6,700

FAIRCHILD, HAGERSTOWN (Cont'd.)

ITEM	Report Month Actual	Forecast (Based on Report Month) +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
PT-19-23-26 Direct Man Hours	84	45	38	37	17	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	115	103	85	85	82	62	43	25	6	—	—	—	—
C-82 Direct Man-Hours	4	10	123	131	171	268	297	352	352	394	400	405	465
AT-21 Direct Man-Hours	18	5	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	387	372	293	287	270	255	245	208	197	191	185	175	120
Total Direct Man-Hours	608	535	539	540	540	535[3]	585	585	585	585	585	585	585
Aver. Hrs. per Direct Worker in Month	177	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Direct Workers	3,425	3,300	3,300	3,300	3,300	3,300	3,500	3,500	3,500	3,500	3,500	3,500	3,500
Total Employees	6,838	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
	MAY												
PT-19 Direct Man-Hours	31	30	28	15	5	—	—	—	—	—	—	—	—
UC-61 Direct Man Hours	120	105	88	80	70	60	48	26	2	—	—	—	—
C-82 Direct Man-Hours	16	25	65	100	175	250	300	340	370	380	390	450	550
All Other Direct Man-Hours	300	303	297	280	265	245	208	197	191	185	180	120	20
Total Direct Man-Hours	467	463	478	475	515	555	556	563	563	565	570	570	570
Aver. Hrs. per Direct Worker in Month	196	195	199	198	191	185	180	182	182	182	184	184	184
Net Direct Employment	2,380	2,380	2,400	2,400	2,700	2,900	3,100	3,100	3,100	3,100	3,100	3,100	3,100
Total Net Employment	5,290	5,290	5,300	5,300	5,600	5,800	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	JUNE												
PT-19 Direct Man-Hours	23	20	15	5	2	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	92	91	90	76	64	50	20	4	—	—	—	—	—
C-82 Direct Man-Hours	24	55	100	170	245	295	340	370	390	420	470	515	570
All Other Direct Man-Hours	302	303	305	300	295	275	265	260	255	223	183	182	182
Total Direct Man-Hours	441	469	510	551	606	620	625	634	645	643	653	697	752
Aver. Hrs. per Direct Worker in Month	182	189	202	205	207	201	198	198	198	196	198	205	207
Net Direct Employment	2,425	2,485	2,530	2,685	2,925	3,080	3,150	3,210	3,260	3,280	3,295	3,405	3,640
Total Net Employment	5,400	5,505	5,530	5,685	5,925	6,080	6,150	6,210	6,260	6,280	6,295	6,405	6,640
	JULY												
PT-19 Direct Man-Hours	19	14	8	3	—	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	80	78	75	58	40	20	4	—	—	—	—	—	—
C-82 Direct Man-Hours	33	105	170	245	325	405	465	510	575	625	640	650	635
All Other Direct Man-Hours	343	333	325	315	305	285	275	265	233	188	181	180	179
Total Direct Man-Hours	475	530	578	621	670	710	744	775	808	813	821	830	814
Aver. Hrs. per Direct Worker in Month	196	199	197	196	196	196	194	194	196	196	196	196	196
Net Direct Employment	2,424	2,663	2,934	3,168	3,418	3,622	3,835	3,995	4,122	4,148	4,189	4,235	4,153
Total Net Employment	5,616	5,863	6,134	6,368	6,618	6,822	6,985	7,095	7,172	7,198	7,189	7,235	7,153
	AUG.												
PT-19 Direct Man-Hours	16	14	12	7	—	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	89	97	75	25	6	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	68	95	175	250	330	415	475	520	590	630	645	650	614
All Other Direct Man-Hours	344	338	325	312	283	260	240	225	125	45	20	20	20
Total Direct Man-Hours	517	544	587	594	619	675	715	745	715	675	665	670	634
Aver. Hrs. per Direct Worker in Month	204	200	197	196	196	194	194	196	196	196	196	196	196
Net Direct Employment	2,489	2,720	2,980	3,031	3,158	3,479	3,686	3,801	3,648	3,444	3,393	3,418	3,235
Total Net Employment	5,836	6,070	6,380	6,431	6,558	6,779	6,885	6,901	6,718	6,444	6,393	6,418	6,235
	SEPT.												
PT-19 Direct Man-Hours	12	8	6	2	—	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	89	63	10	2	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	93	122	185	260	320	380	465	525	630	630	635	635	615
All Other Direct Man-Hours	313	315	307	310	295	265	185	125	20	20	20	20	20
Total Direct Man-Hours	507	508	508	574	615	645	650	650	650	650	655	655	635
Aver. Hrs. per Direct Worker in Month	202	200	198	196	194	194	196	196	196	196	196	196	196
Net Direct Employment	2,511	2,540	2,566	2,929	3,170	3,325	3,316	3,316	3,316	3,316	3,342	3,342	3,240
Total Net Employment	6,057	6,090	6,116	6,429	6,570	6,625	6,516	6,416	6,316	6,316	6,342	6,342	6,240
	OCT.												
PT-19-26 Direct Man-Hours	9	6	2	—	—	—	—	—	—	—	—	—	—
UC-61K Direct Man-Hours	60	25	5	2	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	108	144	175	205	250	285	325	365	410	450	505	550	600
All Other Direct Man-Hours	315	320	318	308	298	288	283	283	268	218	38	18	18
Total Direct Man-Hours	492	495	500	515	548	573	608	648	678	668	543	568	618
Aver. Hrs. per Direct Worker in Month	198	198	196	194	194	196	196	196	196	196	196	196	196
Net Direct Employment	2,485	2,500	2,551	2,655	2,825	2,923	3,102	3,306	3,459	3,408	2,770	2,898	3,153
Total Net Employment	6,178	6,200	6,251	6,255	6,325	6,323	6,502	6,606	6,659	6,608	5 870	5,998	6,153

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

CURTISS-WRIGHT, LOCKLAND (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 NOV.												
C-46 Direct Man Hours	9	5	4	2	—	—	—	—	—	—	—	—	—
C-46 Other Direct Man Hours	16	11	8	14	14	5	—	—	—	—	—	—	—
C-46 Total Direct Man Hours	102	112	129	98	187	216	330	290	335	470	525	575	625
C-46 Direct Man Hours	316	278	273	308	303	290	288	268	218	38	18	18	18
C-46 Other Man Hours	443	419	418	380	304	314	38	358	353	308	73	593	643
C-46 Total Direct Man Hours	175	190	191	194	196	196	196	196	196	196	196	196	196
Aver. Hrs. per Direct Worker in Month	2,530	2,416	2,418	2,474	2,571	2,622	2,746	2,847	2,821	2,592	2,770	3,026	3,281
Net Direct Employment	6,130	6,116	6,113	74	6,171	6,122	6,145	6,297	6,221	5,902	6,070	6,126	6,181
Total Net Employment													
	DEC.												
C-46 Direct Man-Hours	6	4	2	—	—	—	—	—	—	—	—	—	—
C-46 Other Direct Man Hours	14	14	11	14	5	—	—	—	—	—	—	—	—
C-46 Total Direct Man-Hours	99	119	48	85	260	295	330	355	375	395	420	595	700
C-46 Other Direct Man-Hours	280	291	299	295	294	298	302	306	304	302	294	124	24
C-46 Total Direct Man Hours	399	428	413	494	559	593	632	661	679	697	714	719	724
Aver. Hrs. per Direct Worker in Month	162	172	181	190	195	198	198	198	198	198	198	198	198
Net Direct Employment	2,460	2,488	2,558	2,600	2,867	2,995	3,192	3,338	3,429	3,520	3,606	3,631	3,656
Total Net Employment	6,056	6,088	6,158	6,200	6,467	6,495	6,642	6,738	6,779	6,820	6,856	6,831	6,756
	1945 JAN.												
C-46 Direct Man Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man Hours	7	8	8	5	—	—	—	—	—	—	—	—	—
C-82 Direct Man Hours	120	155	225	282	325	339	360	380	400	425	610	715	730
All Other Direct Man Hours	281	299	297	294	298	296	299	304	299	294	124	24	24
Total Direct Man-Hours	410	462	530	581	623	635	659	684	699	719	734	739	754
Aver. Hrs. per Direct Worker in Month	168	170	181	190	198	198	198	198	198	198	198	198	198
Net Direct Employment	2,449	2,718	2,928	3,058	3,146	3,207	3,328	3,454	3,530	3,631	3,707	3,732	3,808
Total Net Employment	6,214	6,418	6,578	6,658	6,646	6,657	6,728	6,804	6,830	6,881	6,907	6,832	6,858
	FEB.												
UC-61K Direct Man-Hours	5	3	2	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	130	164	211	265	336	360	395	425	445	610	730	745	760
All Other Direct Man-Hours	276	275	272	264	259	251	251	249	249	124	24	24	24
Total Direct Man-Hours	411	442	485	529	595	611	646	674	694	734	754	769	784
Aver. Hrs. per Direct Worker in Month	167	170	180	185	190	195	195	195	195	195	195	195	195
Net Direct Employment	2,459	2,600	2,694	2,859	3,132	3,133	3,313	3,456	3,559	3,764	3,867	3,944	4,021
Total Net Employment	6,454	6,600	6,694	6,759	6,932	6,883	7,013	7,106	7,159	7,264	7,267	7,244	7,221
	MAR.												
UC-61 Direct Man-Hours	3	2	—	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	165	198	240	285	330	360	390	525	630	710	715	730	745
All Other Direct Man-Hours	292	283	273	264	259	251	244	124	24	24	24	24	24
Total Direct Man-Hours	460	483	513	549	589	611	634	649	654	734	739	754	769
Aver. Hrs. per Direct Worker in Month	191	193	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	2,411	2,503	2,631	2,815	3,027	3,133	3,251	3,328	3,354	3,764	3,790	3,867	3,944
Total Net Employment	6,513	6,603	6,631	6,715	6,821	6,883	6,951	6,978	6,954	7,264	7,140	7,142	7,144
	APR.												
UC-61K Direct Man Hours	3	3	3	1	—	—	—	—	—	—	—	—	—
C-82 Direct Man-Hours	177	198	238	272	311	355	400	430	460	480	485	495	500
All Other Direct Man Hours	244	230	209	189	174	159	154	154	154	159	159	159	154
Total Direct Man Hours	424	431	450	462	485	514	554	584	614	639	644	654	654
Aver. Hrs. per Direct Worker in Month	180	185	187	190	190	190	192	195	195	195	195	195	195
Net Direct Employment	2,348	2,330	2,406	2,432	2,553	2,705	2,885	2,995	3,149	3,277	3,303	3,354	3,354
Total Net Employment	6,437	6,405	6,466	6,482	6,593	6,735	6,915	7,025	7,179	7,277	7,303	7,304	7,379
	MAY												
UC-61K Direct Man Hours	2	2	1	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man Hours	218	248	270	300	330	360	395	435	465	475	490	505	520
All Other Direct Man Hours	217	192	174	185	179	174	140	129	128	127	124	121	119
Total Direct Man Hours	437	442	445	485	509	534	544	564	593	602	614	626	639
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	180	190	190	190	190	190
Net Direct Employment	2,306	2,326	2,339	2,553	2,678	2,808	2,861	2,966	3,118	3,166	3,229	3,295	3,362
Total Net Employment	6,338	6,351	6,354	6,553	6,678	6,788	6,821	6,916	7,043	7,066	7,129	7,195	7,262
	JUNE												
UC-61K Direct Man Hours	2	2	2	—	—	—	—	—	—	—	—	—	—
C-82 Direct Man Hours	251	284	312	471	740	888	908	932	903	770	706	661	660
All Other Direct Man Hours	152	170	184	180	164	143	139	134	133	133	130	127	121
Total Direct Man-Hours	405	456	498	651	904	1,031	1,137	1,066	1,036	903	836	788	781
Aver. Hrs. per Direct Worker in Month	189	192	193	179	193	185	185	191	182	193	193	193	182
Net Direct Employment	2,141	2,374	2,580	3,637	4,681	5,571	6,145	5,580	5,693	4,679	4,331	4,084	4,293
Total Net Employment	6,093	6,334	6,580	7,757	8,806	9,694	10,263	9,652	9,700	8,597	8,154	7,845	7,988

FISHER, CLEVELAND

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
P-75 Direct Man Hours	16	22	29	39	70	157	210	302	475	572	868	1,172	1,204
All Other Direct Man-Hours	404	433	434	421	454	482	489	537	580	572	654	586	586
Total Direct Man-Hours	420	455	463	460	524	639	699	839	1,055	1,144	1,522	1,758	1,790
Aver. Hrs. per Direct Worker in Month	218	218	218	209	209	226	209	218	218	209	226	218	218
Direct Workers	1,925	2,086	2,121	2,203	2,511	2,846	3,346	3,847	4,839	5,476	6,732	8,066	8,210
Total Employees	8,156	8,271	8,406	8,588	8,946	9,331	9,881	10,382	11,798	12,986	15,609	17,613	17,757
	NOV.												
P-75 Direct Man Hours	18	29	39	71	158	210	302	475	574	869	1,172	1,204	1,257
All Other Direct Man-Hours	413	434	423	456	486	491	537	580	574	655	586	586	586
Total Direct Man-Hours	431	463	462	527	644	701	839	1,055	1,148	1,524	1,758	1,790	1,843
Aver. Hrs. per Direct Worker in Month	217	218	210	210	226	210	218	218	210	226	218	218	218
Direct Workers	1,983	2,121	2,203	2,511	2,846	3,346	3,847	4,839	5,476	6,732	8,066	8,210	8,453
Total Employees	8,308	8,471	8,653	9,011	9,396	9,946	10,447	11,798	12,986	15,609	17,613	17,757	18,000
	DEC.												
P-75 Direct Man-Hours	27	48	59	82	122	171	252	310	367	475	587	683	808
All Other Direct Man-Hours	359	320	363	431	481	561	576	632	680	709	692	662	596
Total Direct Man-Hours	386	368	422	513	603	732	828	942	1,047	1,184	1,279	1,345	1,404
Aver. Hrs. per Direct Worker in Month	201	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	1,921	1,669	1,918	2,331	2,741	3,326	3,763	4,284	4,759	5,382	5,816	6,116	6,381
Total Employees	8,623	8,175	8,549	9,226	9,581	10,216	10,758	11,487	11,963	12,854	13,657	14,058	14,300
	1944 JAN.[a]												
P-75 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	376	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	377	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	209	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	1,804	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	8,729	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-75 Direct Man-Hours	5	62	142	237	255	407	499	600	706	867	980	1,001	1,015
All Other Direct Man-Hours	383	434	472	495	498	503	504	498	489	459	308	232	210
Total Direct Man-Hours	388	496	614	732	753	910	1,003	1,098	1,195	1,326	1,288	1,233	1,225
Aver. Hrs. per Direct Worker in Month	208	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	1,870	2,253	2,785	3,324	3,425	4,133	4,564	4,987	5,432	6,028	5,857	5,606	5,569
Total Employees	8,696	9,268	10,099	11,010	11,192	12,000	12,500	13,291	13,947	14,978	14,999	14,805	14,878
	MAR.[a]												
P-75 Direct Man-Hours	28	137	228	249	386	490	579	673	783	892	957	1,001	1,135
All Other Direct Man-Hours	450	460	486	484	492	490	475	467	420	282	224	205	198
Total Direct Man-Hours	478	597	714	733	878	980	1,054	1,140	1,203	1,174	1,181	1,206	1,333
Aver. Hrs. per Direct Worker in Month	228	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	2,097	2,715	3,245	3,335	3,992	4,450	4,780	5,182	5,462	5,336	5,370	5,481	6,058
Total Employees	9,004	9,838	10,765	10,937	11,622	12,127	12,696	13,372	13,737	13,741	14,145	14,418	15,510

FLEETWINGS, BRISTOL

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
BT-12 Direct Man-Hours	48	60	70	70	70	70	70	70	70	70	45	30	30
YPQ-12A Direct Man-Hours	7	6	5	4	4	3	2	—	—	—	—	—	—
All Other Direct Man-Hours	318	365	401	461	509	563	611	660	680	655	650	655	650
Total Direct Man-Hours	373	431	476	535	583	636	683	730	750	725	695	685	680
Aver. Hrs. per Direct Worker in Month	183	189	201	202	205	209	207	213	214	227	220	217	219
Direct Workers	2,039	2,275	2,360	2,643	2,847	3,036	3,295	3,420	3,500	3,200	3,155	3,155	3,100
Total Employees	4,366	4,580	4,690	5,000	5,225	5,435	5,710	5,850	5,940	5,600	5,550	5,550	5,495
	FEB.												
BT-12 Direct Man-Hours	66	70	70	70	70	70	70	70	70	45	30	30	—
YPQ-12A Direct Man-Hours	5	6	5	4	4	3	—	—	—	—	—	—	—
All Other Direct Man-Hours	363	400	460	509	562	610	660	680	655	650	655	650	630
Total Direct Man-Hours	434	476	535	583	636	683	730	750	725	695	685	680	630
Aver. Hrs. per Direct Worker in Month	194	202	205	224	228	225	231	233	255	242	238	239	236
Direct Workers	2,241	2,355	2,495	2,597	2,780	3,025	3,150	3,210	2,835	2,870	2,870	2,841	2,668
Total Employees	4,765	4,930	5,100	5,225	5,435	5,710	5,850	5,940	5,600	5,550	5,550	5,495	5,300
	MAR.												
BT-12 Direct Man-Hours	79	90	95	95	95	90	70	70	70	65	60	55	50
YPQ-12A Direct Man-Hours	9	10	10	10	10	9	6	2	—	—	—	—	—
All Other Direct Man-Hours	364	390	430	478	531	584	654	678	655	630	625	625	580
Total Direct Man-Hours	452	490	535	583	636	683	730	750	725	695	685	680	630

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

FLEETWINGS, BRISTOL (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
Aver. Hrs. per Direct Worker in Month	199	208	214	225	229	226	232	234	256	242	239	239	236
Direct Workers	2,271	2,365	2,515	2,597	2,780	3,025	3,150	3,210	2,835	2,870	2,870	2,841	2,668
Total Employees	4,764	4,930	5,100	5,225	5,435	5,710	5,850	5,940	5,600	5,550	5,550	5,495	5,300
	APR.												
BT-12 Direct Man-Hours	94	95	95	95	90	70	70	70	65	60	55	50	15
YPQ-12A Direct Man-Hours	8	9	9	9	9	6	2	—	—	—	—	—	—
All Other Direct Man-Hours	379	431	379	532	584	654	678	655	612	624	625	580	585
Total Direct Man-Hours	481	535	483[3]	636	683	730	750	725	695[3]	685[3]	680	630	600
Aver. Hrs. per Direct Worker in Month	205	214	225	229	226	232	234	256	242	239	239	236	229
Direct Workers	2,349	2,495	2,597	2,780	3,025	3,150	3,210	2,835	2,870	2,870	2,841	2,668	2,618
Total Employees	4,944	5,100	5,225	5,435	5,710	5,850	5,940	5,600	5,550	5,550	5,495	5,300	5,200
	MAY												
BT-12 Direct Man-Hours	113	95	95	90	70	70	70	65	60	55	50	15	—
YPQ-12A Direct Man-Hours	10	9	7	7	8	6	3	—	—	—	—	—	—
All Other Direct Man-Hours	483	561	548	673	692	717	717	705	720	710	660	575	525
Total Direct Man-Hours	606	665	750	770	770	793	790	770	780	765	710	590	525
Aver. Hrs. per Direct Worker in Month	252	256	269	254	253	247	246	254	252	255	249	245	221
Direct Workers	2,404	2,597	2,780	3,025	3,038	3,210	3,210	3,025	3,095	3,000	2,850	2,400	2,370
Total Employees	5,102	5,225	5,435	5,710	5,725	5,940	5,940	5,710	5,800	5,650	5,400	5,000	4,950
	JUNE												
BT-12 Direct Man-Hours	93	95	90	70	70	70	65	60	55	50	49	15	—
YPQ-12A Direct Man-Hours	7	9	10	11	10	9	8	8	—	—	—	—	—
All Other Direct Man-Hours	416	432	468	524	592	624	658	677	668	634	580	563	541
Total Direct Man-Hours	516	536	568	605	672	703	731	740	723	684	629	578	541
Aver. Hrs. per Direct Worker in Month	208	210	215	220	235	235	235	235	235	230	220	210	208
Direct Workers	2,484	2,550	2,640	2,750	2,860	2,990	3,110	3,150	3,075	2,975	2,860	2,750	2,600
Total Employees	5,348	5,450	5,600	5,800	6,000	6,250	6,425	6,500	6,350	6,210	6,000	5,800	5,500
	JULY												
BT-12 Direct Man-Hours	91	90	70	70	70	65	60	55	50	49	15	—	—
XBQ-1+2 Direct Man-Hours	6	8	10	11	10	9	3	—	—	—	—	—	—
All Other Direct Man-Hours	411	448	512	548	624	657	677	668	649	609	590	546	447
Total Direct Man-Hours	508	546	592	629	704	731	740	723	699	658	605	546	447
Aver. Hrs. per Direct Worker in Month	201	210	215	220	235	235	235	235	235	230	220	210	208
Direct Workers	2,803	2,601	2,750	2,860	2,990	3,110	3,150	3,075	2,975	2,860	2,750	2,600	2,150
Total Employees	5,893	5,600	5,800	6,000	6,250	6,425	6,500	6,350	6,210	6,000	5,800	5,500	4,500
	AUG.												
BT-12 Direct Man-Hours	60	—	—	—	—	—	—	—	—	—	—	—	—
YPQ-12A Direct Man-Hours	14	15	15	15	12	9	7	6	3	—	—	—	—
All Other Direct Man-Hours	587	595	640	689	719	731	716	693	655	605	546	447	440
Total Direct Man-Hours	661	610	655	704	731	740	723	699	658	605	546	447	440
Aver. Hrs. per Direct Worker in Month	253	222	229	235	235	235	235	235	230	220	210	208	205
Direct Workers	2,935	2,750	2,860	2,990	3,110	3,150	3,075	2,975	2,860	2,750	2,600	2,150	2,150
Total Employees	6,078	5,800	6,000	6,250	6,425	6,500	6,350	6,210	6,000	5,800	5,500	4,500	4,500
	SEPT.												
BT-12 Direct Man-Hours	7	—	—	—	—	—	—	4	—	—	—	—	—
PQ-12 Direct Man-Hours	14	15	15	12	10	9	8	—	—	—	—	—	—
All Other Direct Man-Hours	540	605	627	652	678	705	734	768	812	860	860	860	—
Total Direct Man-Hours	561	620	642	664	688	714	742	772	812	860	860	860	—
Aver. Hrs. per Direct Worker in Month	187	200	200	200	200	200	200	200	200	200	200	200	—
Direct Workers	3,001	3,100	3,210	3,320	3,440	3,570	3,710	3,860	4,060	4,300	4,300	4,300	—
Total Employees	6,211	6,400	6,600	6,800	7,000	7,200	7,400	7,600	7,800	8,000	8,000	8,000	—
	1944 NOV.	Classified as a sub-contractor after Sept. 1943—Prime contractor beginning Nov. 1944 Kaiser Cargo.											
XBK-1 Direct Man-Hours	111	115	146	173	235	284	221	215	155	102	—	—	—
All Other Direct Man-Hours	313	327	316	307	293	316	318	NA	NA	NA	—	—	—
Total Direct Man-Hours	424	442	462	480	528	600	539	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	205	207	204	207	205	207	—	—	—	—	—	—
Net Direct Employment	2,059	2,160	2,225	2,350	2,550	2,925	2,600	—	—	—	—	—	—
Total Net Employment	4,915	4,980	5,035	5,180	5,355	5,775	5,400	—	—	—	—	—	—
	DEC.												
XBK-1 Direct Man-Hours	155	175	210	210	190	140	135	130	75	—	—	—	—
All Other Direct Man-Hours	348	326	304	419	505	533	500	523	560	—	—	—	—
Total Direct Man-Hours	503	501	514	629	695	673	635	653	635	—	—	—	—

FLEETWINGS, BRISTOL (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
Aver. Hrs. per Direct Worker in Month	241	207	213	243	244	231	219	[illegible]	237	—	—	—	—
Net Direct Employment	2,089	2,414	2,413	2,683	2,838	2,912	2,9[illegible]	[illegible]	3,675	—	—	—	—
Total Net Employment	4,967	5,365	5,475	5,495	5,715	5,825	5,8[illegible]	5,[illegible]	5,350	—	—	—	—
	1945 JAN.												
XBTK-1 Direct Man-Hours	162	169	199	237	265	261	273	295	—	—	—	—	—
All Other Direct Man-Hours	311	345	459	503	563	593	612	649	—	—	—	—	—
Total Direct Man-Hours	473	514	658	740	828	854	885	944	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	230	213	208	208	216	208	208	216	—	—	—	—	—
Net Direct Employment	2,057	2,413	3,164	3,558	3,833	4,106	4,255	4,370	—	—	—	—	—
Total Net Employment	4,945	5,292	6,055	6,602	6,993	7,370	7,578	7,744	—	—	—	—	—
	FEB.												
XBTK-1 Direct Man-Hours	153	116	138	150	157	183	213	202	202	—	—	—	—
All Other Direct Man-Hours	373	418	499	566	586	618	663	634	688	—	—	—	—
Total Direct Man-Hours	526	534	637	716	743	801	876	836	890	—	—	—	—
Aver. Hrs. per Direct Worker in Month	250	208	208	216	208	208	216	200	216	—	—	—	—
Net Direct Employment	2,107	2,567	3,063	3,315	3,572	3,851	4,056	4,180	4,120	—	—	—	—
Total Net Employment	5,050	5,518	6,094	6,446	6,817	7,200	7,482	7,653	7,581	—	—	—	—
	MAR.												
XBTK-1 Direct Man-Hours	215	155	180	207	277	316	304	282	175	—	—	—	—
All Other Direct Man-Hours	379	443	536	565	592	639	630	656	634	—	—	—	—
Total Direct Man-Hours	594	598	716	772	869	955	934	938	809	—	—	—	—
Aver. Hrs. per Direct Worker in Month	264	200	216	208	208	216	206	216	208	—	—	—	—
Net Direct Employment	2,249	2,990	3,315	3,712	4,173	4,421	4,440	4,342	3,891	—	—	—	—
Total Net Employment	5,255	6,304	6,750	7,305	7,932	8,279	8,305	8,174	7,545	—	—	—	—
	APR.												
XBTK-1 Direct Man-Hours	180	201	228	307	342	353	353	353	353	—	—	—	—
All Other Direct Man-Hours	325	462	496	526	581	562	624	563	563	—	—	—	—
Total Direct Man-Hours	505	663	724	833	923	915	977	916	916	—	—	—	—
Aver. Hrs. per Direct Worker in Month	213	216	208	208	216	208	216	208	208	—	—	—	—
Net Direct Employment	2,366	3,070	3,483	4,003	4,274	4,396	4,521	4,404	4,402	—	—	—	—
Total Net Employment	5,415	6,476	7,054	7,771	8,151	8,325	8,508	8,344	8,341	—	—	—	—
	MAY												
XBTK-1 Direct Man-Hours	167	146	210	245	243	282	253	253	—	—	—	—	—
All Other Direct Man-Hours	334	359	357	372	367	370	358	358	371	330	355	355	—
Total Direct Man-Hours	501	505	567	617	610	652	611	611	371	330	355	355	—
Aver. Hrs. per Direct Worker in Month	207	208	208	216	200	216	208	208	216	192	208	208	—
Net Direct Employment	2,415	2,430	2,725	2,855	3,050	3,020	2,936	2,936	1,717	1,717	1,707	1,707	—
Total Net Employment	5,481	4,910	4,575	4,785	5,072	5,060	4,920	4,920	2,888	2,888	2,918	2,918	—
	JUNE												
XBTK-1 Direct Man-Hours	210	197	324	315	325	281	73	—	—	—	—	—	—
All Other Direct Man-Hours	290	273	282	261	282	270	271	284	250	271	271	271	—
Total Direct Man-Hours	500	470	606	576	607	551	344	284	250	271	271	271	—
Aver. Hrs. per Direct Worker in Month	222	208	216	200	216	208	208	216	192	208	208	216	—
Net Direct Employment	2,247	2,257	2,803	2,877	2,810	2,652	1,652	1,302	1,302	1,302	1,302	1,255	—
Total Net Employment	5,112	5,084	5,630	5,714	5,647	5,206	3,451	2,561	2,561	2,561	2,561	2,561	—

FORD, WILLOW RUN

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-24-E Direct Man-Hours	1,500	3,200	3,382	4,061	5,382	6,674	7,575	7,760	8,795	9,099	11,255	11,255	—
All Other Direct Man-Hours	1,387	2,312	3,322	3,813	3,664	3,541	3,356	3,853	3,861	3,979	4,130	4,130	—
Total Direct Man-Hours	2,887	5,512	6,704	7,874	9,046	10,215	10,931	11,613	12,656	13,078	15,385	15,385	—
Aver. Hrs. per Direct Worker in Month	160	208	208	208	208	208	208	208	208	208	208	208	—
Direct Workers	18,009	26,512	32,239	37,866	43,496	49,123	52,571	55,836	60,854	67,206	73,976	73,976	—
Total Employees	33,289	41,832	47,579	53,326	59,076	64,823	68,491	72,076	77,414	83,986	90,976	90,976	—
	FEB.												
B-24-E Direct Man-Hours	1,238	3,384	4,061	5,382	6,674	7,575	7,760	8,795	9,099	11,255	11,255	—	—
All Other Direct Man-Hours	1,479	3,322	3,813	3,664	3,541	3,356	3,853	3,861	3,979	4,130	4,130	—	—
Total Direct Man-Hours	2,717	6,706	7,874	9,046	10,215	10,931	11,613	12,656	13,078	15,385	15,385	—	—
Aver. Hrs. per Direct Worker in Month	147	170	164	169	170	178	172	174	179	180	180	—	—
Direct Workers	18,423	26,914	34,834	43,754	49,123	52,571	55,836	60,854	67,206	73,976	73,976	—	—
Total Employees	33,367	41,914	49,934	58,954	64,823	68,491	72,076	77,414	83,986	90,976	90,976	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month; Average Direct and Total Employment in Units)

FORD, WILLOW RUN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.[3]												
B-24-H Direct Man Hours	2,126	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	1,273	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,399	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	18,583	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	37,598	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[3]												
B-24-H Direct Man-Hours	1,241	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	2,160	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,401	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	NA	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	NA	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	NA	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-24-H (K.D.) Direct Man-Hours	2,771	2,942	2,942	3,174	3,058	3,058	3,174	3,058	3,058	3,058	2,942	—	—
B-24-H (B.U.) Direct Man-Hours	557	643	681	805	847	917	1,022	985	985	985	948	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,328	3,585	3,623	3,979	3,905	3,975	4,196	4,043	4,043	4,043	3,890	—	—
Aver. Hrs. per Direct Worker in Month	192	204	202	218	210	211	219	207	204	204	196	—	—
Direct Workers	17,357	17,574	17,936	18,252	18,595	18,839	19,160	19,531	19,531	19,531	19,845	—	—
Total Employees	35,435	35,892	36,587	37,236	37,912	38,489	39,143	39,847	40,186	40,186	40,500	—	—
	MAR.												
B-24-H (K.D.) Direct Man-Hours	2,849	2,808	3,030	2,919	2,919	3,030	2,919	2,919	2,919	2,808	—	—	—
B-24-H (B.U.) Direct Man-Hours	619	556	657	692	749	835	804	804	804	774	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,468	3,364	3,687	3,611	3,668	3,865	3,723	3,723	3,723	3,582	—	—	—
Aver. Hrs. per Direct Worker in Month	207	188	202	195	194	201	191	188	188	181	—	—	—
Direct Workers	16,803	17,919	18,239	18,559	18,879	19,199	19,519	19,845	19,845	19,845	—	—	—
Total Employees	34,067	36,570	37,223	37,876	38,529	39,182	39,835	40,500	40,500	40,500	—	—	—
	APR.												
B-24-H (K.D.) Direct Man-Hours	2,358	2,203	2,540	2,413	2,393	2,373	2,256	2,114	1,971	1,829	1,692	1,550	1,407
B-24-H (B.U.) Direct Man-Hours	589	573	627	676	696	690	655	614	573	532	491	450	409
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,947	2,776	3,167	3,089	3,089	3,063	2,911	2,728	2,544	2,361	2,183	2,000	1,816
Aver. Hrs. per Direct Worker in Month	183	178	209	210	213	213	211	210	208	208	207	207	208
Direct Workers	16,111	15,602	15,190	14,700	14,524	14,357	13,769	13,000	12,240	11,329	10,569	9,658	8,746
Total Employees	32,749	31,841	31,000	30,000	29,640	29,300	28,100	26,530	24,980	23,120	21,570	19,710	17,850
	MAY												
B-24-H Direct Man-Hours	2,697	2,896	2,827	2,460	2,460	2,320	2,177	2,028	1,895	1,754	1,611	1,469	1,327
All Other Direct Man-Hours	111	—	—	102	102	98	93	88	82	77	72	66	61
Total Direct Man-Hours	2,808	2,896	2,827	2,562	2,562	2,418	2,270	2,116	1,977	1,831	1,683	1,535	1,388
Aver. Hrs. per Direct Worker in Month	189	197	199	202	203	197	190	188	186	184	191	194	189
Net Direct Employment	14,820	14,673	14,173	12,680	12,620	12,250	11,950	11,230	10,640	9,970	8,790	7,925	7,350
Total Net Employment	30,244	29,945	28,924	26,624	26,521	25,772	25,121	23,569	21,758	20,261	18,451	16,640	15,458
	JUNE												
B-24-H Direct Man-Hours	2,664	2,713	2,460	2,460	2,320	2,177	2,028	1,895	1,754	1,611	1,469	1,327	1,230
All Other Direct Man-Hours	109	—	102	102	98	93	88	82	77	72	66	61	56
Total Direct Man-Hours	2,773	2,713	2,562	2,562	2,418	2,270	2,116	1,977	1,831	1,683	1,535	1,388	1,286
Aver. Hrs. per Direct Worker in Month	199	194	202	203	197	190	188	186	184	191	194	189	205
Net Direct Employment	13,920	13,996	12,680	12,620	12,250	11,950	11,230	10,640	9,970	8,790	7,925	7,350	6,270
Total Net Employment	28,896	28,564	26,624	26,521	25,772	25,121	23,569	21,758	20,261	18,451	16,640	15,458	13,169
	JULY												
B-24-H Direct Man-Hours	2,452	2,460	2,460	2,320	2,177	2,028	1,895	1,754	1,611	1,469	1,327	1,230	1,230
All Other Direct Man-Hours	101	102	102	98	93	88	82	77	72	66	61	56	50
Total Direct Man-Hours	2,553	2,562	2,562	2,418	2,270	2,116	1,977	1,831	1,683	1,535	1,388	1,286	1,280
Aver. Hrs. per Direct Worker in Month	196	202	203	197	190	188	186	184	191	194	189	205	204
Net Direct Employment	13,014	12,680	12,620	12,250	11,950	11,230	10,640	9,970	8,790	7,925	7,350	6,270	6,270
Total Net Employment	27,449	26,624	26,521	25,772	25,121	23,569	21,758	20,261	18,451	16,640	15,458	13,169	13,169
	AUG.												
B-24-H Direct Man-Hours	2,444	2,113	1,838	1,563	1,288	1,238	1,106	1,238	1150	1,238	1,194	1,194	1,238
All Other Direct Man-Hours	108	102	93	87	81	75	69	69	69	69	69	69	69
Total Direct Man-Hours	2,552	2,215	1,931	1,650	1,369	1,313	1,175	1,307	1,219	1,307	1,263	1,263	1,307
Aver. Hrs. per Direct Worker in Month	210	192	184	185	169	186	170	186	179	186	178	178	186
Net Direct Employment	12,127	11,530	10,494	8,950	8,094	7,053	6,915	7,021	6,533	7,021	7,083	7,083	7,021
Total Net Employment	25,756	24,820	22,328	19,000	17,221	15,006	14,719	14,938	14,522	14,938	15,070	15,070	14,938

FORD, WILLOW RUN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
B-24-E Direct Man Hours	1,980	4,686	5,682	6,675	7,576	7,761	8,796	9,990	11,116	11,255	—	—	—
All Other Direct Man Hours	1,649	3,474	3,668	3,815	3,917	3,996	3,867	3,974	4,121	4,144	—	—	—
Total Direct Man-Hours	3,629	8,160	9,050	10,490	11,023	11,657	12,663	13,964	15,237	15,399	—	—	—
Aver. Hrs. per Direct Worker in Month	181	216	208	213	210	208	208	208	206	206	—	—	—
Direct Workers	20,064	37,867	43,195	49,123	52,571	55,836	60,854	67,206	73,976	73,976	—	—	—
Total Employees	35,028	52,867	58,695	64,823	68,491	72,076	77,414	83,986	90,976	90,976	—	—	—
	APR.												
B-24-E Direct Man Hours	2,815	3,028	3,675	7,576	7,761	8,796	9,990	11,116	3,060	—	—	—	—
All Other Direct Man Hours	1,207	3,659	3,661	3,263	3,765	3,763	3,864	3,972	3,972	—	—	—	—
Total Direct Man Hours	4,022	9,687	10,336	10,839	11,526	12,559	13,854	15,088	13,032	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	205	193	190	190	190	190	188	162	—	—	—	—
Direct Workers	21,701	43,495	49,123	52,571	55,836	60,854	67,206	73,976	73,976	—	—	—	—
Total Employees	37,066	58,695	64,823	68,491	72,076	77,414	83,986	90,976	90,976	—	—	—	—
	MAY												
B-24-E Direct Man Hours	2,811	2,462	2,429	3,280	3,530	3,644	4,323	4,703	5,115	5,445	5,775	6,105	6,435
All Other Direct Man Hours	1,359	1,996	1,986	2,792	2,659	2,587	2,215	2,015	1,834	1,860	1,886	1,912	1,939
Total Direct Man Hours	4,170	4,458	4,415	6,072	6,189	6,231	6,538	6,718	6,949	7,305	7,661	8,017	8,374
Aver. Hrs. per Direct Worker in Month	200	204	204	204	204	204	204	204	204	204	204	204	204
Direct Workers	20,892	21,853	21,642	29,764	30,338	30,544	32,049	32,931	34,063	35,808	37,553	39,299	41,049
Total Employees	35,485	37,553	37,562	46,004	46,898	47,324	49,049	49,931	51,063	52,808	54,553	56,299	58,049
	JUNE												
B-24-E Direct Man Hours	2,637	2,688	2,768	3,413	3,644	4,323	4,703	5,115	5,445	5,775	6,105	6,435	6,765
All Other Direct Man Hours	1,616	1,578	1,581	2,056	2,587	2,215	2,015	1,834	1,860	1,886	1,912	1,939	1,966
Total Direct Man Hours	4,253	4,266	4,349	5,469	6,231	6,538	6,718	6,949	7,305	7,661	8,017	8,374	8,731
Aver. Hrs. per Direct Worker in Month	176	180	183	190	204	204	204	204	204	204	204	204	204
Direct Workers	24,220	23,700	23,765	28,784	30,544	32,049	32,931	34,063	35,808	37,553	39,299	41,049	42,799
Total Employees	41,800	40,700	40,765	45,784	47,544	49,049	49,931	51,063	52,808	54,553	56,299	58,049	59,799
	JULY												
B-24-H Direct Man Hours	2,480	2,777	3,172	3,480	4,546	5,129	5,803	6,012	6,204	6,540	6,707	6,707	6,707
All Other Direct Man-Hours	1,871	1,681	2,073	2,247	2,099	1,386	1,355	1,323	1,292	1,292	1,292	1,292	1,292
Total Direct Man-Hours	4,351	4,458	5,245	5,727	6,645	6,515	7,158	7,335	7,496	7,832	7,999	7,999	7,999
Aver. Hrs. per Direct Worker in Month	183	187	195	204	204	204	204	204	204	213	217	217	217
Direct Workers	23,737	23,831	26,897	28,073	32,573	31,936	35,088	35,955	36,765	36,745	36,745	36,745	36,745
Total Employees	42,063	42,432	49,922	54,508	63,192	62,012	65,202	66,079	66,875	66,875	66,875	66,875	66,875
	AUG.												
B-24-H Direct Man-Hours	2,597	2,172	2,032	2,172	2,303	1,970	2,181	2,465	3,270	4,024	4,779	5,114	5,450
All Other Direct Man-Hours	1,359	1,851	2,203	2,155	2,107	2,412	2,356	2,300	1,938	1,615	1,292	1,292	1,292
Total Direct Man-Hours	3,956	4,023	4,235	4,327	4,410	4,382	4,537	4,765	5,208	5,639	6,071	6,406	6,742
Aver. Hrs. per Direct Worker in Month	174	183	187	195	204	204	204	204	213	217	217	217	217
Direct Workers	22,687	21,984	22,647	22,190	21,618	21,480	22,240	23,358	24,450	25,986	27,976	29,520	31,069
Total Employees	41,399	40,585	41,897	41,051	39,993	39,738	41,180	43,212	45,233	48,074	50,357	53,136	55,924
	SEPT.												
B-24-H Direct Man-Hours	2,284	2,521	2,724	4,499	5,276	6,012	6,204	6,540	6,707	6,707	6,707	6,707	6,707
All Other Direct Man-Hours	1,634	1,961	1,918	1,234	1,206	1,177	1,150	1,150	1,150	1,150	1,150	1,150	1,150
Total Direct Man Hours	3,918	4,482	4,642	5,733	6,482	7,189	7,354	7,690	7,857	7,857	7,857	7,857	7,857
Aver. Hrs. per Direct Worker in Month	182	187	193	204	204	204	204	213	217	217	217	217	217
Direct Workers	21,530	23,968	24,052	28,103	31,775	35,240	36,049	36,103	36,207	36,207	36,207	36,207	36,207
Total Employees	40,555	46,016	46,182	53,961	58,378	64,034	64,868	64,962	65,152	65,152	65,152	65,152	65,152
	OCT.												
B-24-H Direct Man-Hours	2,386	2,160	2,309	2,390	2,561	2,815	3,016	3,620	3,794	3,882	4,037	4,060	4,227
All Other Direct Man Hours	1,541	1,551	1,691	1,734	1,683	1,506	1,500	1,058	1,010	1,026	871	848	934
Total Direct Man-Hours	3,927	3,711	4,000	4,124	4,244	4,321	4,516	4,678	4,804	4,908	4,908	4,908	5,161
Aver. Hrs. per Direct Worker in Month	193	193	204	204	204	204	213	217	219	220	220	220	220
Direct Workers	20,390	19,228	19,608	20,216	20,804	21,182	21,202	21,558	21,934	22,310	22,310	22,310	23,459
Total Employees	39,742	37,793	38,173	38,781	39,369	39,966	39,986	40,675	41,385	42,094	42,094	42,094	44,262
	NOV.												
B-24-H Direct Man Hours	2,289	2,309	2,390	2,561	2,815	3,016	3,620	3,794	3,882	4,037	4,060	4,227	4,248
All Other Direct Man-Hours	1,482	1,691	1,734	1,683	1,506	1,500	1,058	1,010	1,026	871	848	934	913
Total Direct Man-Hours	3,771	4,000	4,124	4,244	4,321	4,516	4,678	4,804	4,908	4,908	4,908	5,161	5,161
Aver. Hrs. per Direct Worker in Month	189	204	204	204	204	213	213	219	220	220	220	220	220
Direct Workers	19,932	20,608	20,216	20,804	21,181	21,202	22,066	21,934	22,310	22,310	22,310	23,459	23,459
Total Employees	39,258	39,924	39,532	40,120	40,681	40,702	41,691	41,634	42,094	42,094	42,094	44,262	44,262

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

FORD, WILLOW RUN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 SEPT.												
B-24 H Direct Man-Hours	1,719	1,552	1,321	1,090	1,048	947	1,048	974	1,048	1,011	1,011	1,048	974
All Other Direct Man-Hours	71	71	71	71	69	69	69	69	69	69	69	69	69
Total Direct Man-Hours	1,790	1,623	1,392	1,161	1,117	1,016	1,117	1,043	1,117	1,080	1,080	1,117	1,043
Aver. Hrs. per Direct Worker in Month	161	184	185	169	186	170	186	179	186	178	178	186	178
Net Direct Employment	11,100	8,821	7,524	6,870	6,005	5,978	6,005	5,827	6,005	6,067	6,067	6,005	5,827
Total Net Employment	26,204	21,176	18,057	16,935	15,054	14,865	15,054	15,667	15,054	15,189	15,189	15,054	15,667
	OCT.												
B-24 Direct Man-Hours	1,736	1,774	1,696	1,854	1,696	1,774	1,718	1,260	1,214	1,214	1,260	1,170	1,260
All Other Direct Man-Hours	108	104	103	98	96	96	90	90	89	83	82	81	80
Total Direct Man-Hours	1,844	1,878	1,799	1,952	1,792	1,870	1,808	1,350	1,303	1,297	1,342	1,251	1,340
Aver. Hrs. per Direct Worker in Month	180	180	180	186	170	180	178	180	178	180	186	170	186
Net Direct Employment	10,265	10,433	9,994	10,495	10,541	10,389	10,157	7,500	7,320	7,205	7,215	7,359	7,204
Total Net Employment	24,985	25,447	24,376	25,598	25,710	25,339	24,773	18,293	17,854	17,573	17,597	17,949	17,571
	NOV.												
B-24 Direct Man-Hours	1,687	1,696	1,854	1,696	1,774	1,718	1,260	1,214	1,214	1,260	1,170	1,260	1,214
All Other Direct Man-Hours	108	103	98	96	96	90	90	89	83	82	81	80	80
Total Direct Man-Hours	1,795	1,799	1,952	1,792	1,870	1,808	1,350	1,303	1,297	1,342	1,251	1,340	1,294
Aver. Hrs. per Direct Worker in Month	180	180	186	170	180	178	180	178	180	186	170	186	178
Net Direct Employment	9,974	9,994	10,495	10,541	10,389	10,157	7,500	7,320	7,205	7,215	7,359	7,204	7,219
Total Net Employment	24,308	24,376	25,598	25,710	25,339	24,773	18,293	17,854	17,573	17,597	17,949	17,571	17,607
	DEC.												
B-24 Direct Man-Hours	1,655	1,854	1,696	1,774	1,718	1,864	1,798	1,798	1,864	1,730	1,864	1,798	1,730
All Other Direct Man-Hours	108	98	96	96	90	90	90	90	90	90	90	90	90
Total Direct Man-Hours	1,763	1,952	1,792	1,870	1,808	1,954	1,888	1,888	1,954	1,820	1,954	1,888	1,820
Aver. Hrs. per Direct Worker in Month	175	194	178	186	178	194	186	186	194	178	194	186	178
Net Direct Employment	10,058	10,062	10,067	10,054	10,157	10,072	10,151	10,151	10,072	10,225	10,072	10,151	10,225
Total Net Employment	24,065	23,957	23,969	23,938	24,183	23,981	24,169	24,169	23,981	24,345	23,981	24,169	24,345
	1945 JAN.												
B-24 Direct Man-Hours	1,757	1,726	1,806	1,749	1,962	1,890	2,125	2,205	2,010	2,167	2,089	2,010	1,562
All Other Direct Man-Hours	108	103	103	98	98	98	92	91	90	90	87	85	85
Total Direct Man-Hours	1,865	1,829	1,909	1,847	2,060	1,988	2,217	2,296	2,100	2,257	2,176	2,095	1,647
Aver. Hrs. per Direct Worker in Month	182	178	186	178	194	186	203	211	194	211	203	194	186
Net Direct Employment	10,256	10,275	10,263	10,376	10,619	10,688	10,921	10,881	10,825	10,697	10,719	10,799	8,855
Total Net Employment	23,541	23,352	23,325	23,582	24,134	24,291	24,820	24,730	24,602	24,311	24,361	24,543	20,125
	FEB.												
B-24 Direct Man-Hours	1,618	1,806	1,749	1,962	1,890	2,125	2,205	2,010	2,167	2,089	2,010	1,562	1,394
All Other Direct Man-Hours	108	103	98	98	98	92	91	90	90	87	85	85	85
Total Direct Man-Hours	1,726	1,909	1,847	2,060	1,988	2,217	2,296	2,100	2,257	2,176	2,095	1,647	1,479
Aver. Hrs. per Direct Worker in Month	167	186	178	194	186	203	211	194	211	203	194	186	170
Net Direct Employment	10,318	10,263	10,376	10,619	10,688	10,921	10,881	10,825	10,697	10,719	10,799	8,855	8,700
Total Net Employment	23,559	23,325	23,582	24,134	24,291	24,820	24,730	24,602	24,311	24,361	24,543	20,125	19,773
	MAR.												
B-24 Direct Man-Hours	1,629	1,749	1,962	1,890	2,125	2,205	2,010	2,167	2,089	2,010	1,562	1,394	1,506
All Other Direct Man-Hours	108	98	98	98	92	91	90	90	87	85	85	85	80
Total Direct Man-Hours	1,737	1,847	2,060	1,988	2,217	2,296	2,100	2,257	2,176	2,095	1,647	1,479	1,586
Aver. Hrs. per Direct Worker in Month	173	178	194	186	203	211	194	211	203	194	186	170	186
Net Direct Employment	10,024	10,376	10,619	10,688	10,921	10,881	10,825	10,697	10,719	10,799	8,855	8,700	8,527
Total Net Employment	23,229	24,130	24,695	24,856	25,398	25,304	25,174	24,876	24,928	25,114	20,503	20,233	19,830
	APR.[1]												
B-24 Direct Man-Hours	1,319	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	69	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,388	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	166	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	8,366	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	20,621	—	—	—	—	—	—	—	—	—	—	—	—
	MAY[1]												
B-24 Direct Man-Hours	684	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	15	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	699	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	158	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	4,413	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	14,762	—	—	—	—	—	—	—	—	—	—	—	—

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JUNE[2]												
B-24 Direct Man-Hours	115	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	137	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	121	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	1,128	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	8,815	—	—	—	—	—	—	—	—	—	—	—	—

GLOBE, FT. WORTH

	1943 JAN.												
AT-10GL Direct Man-Hours	47	44	64	73	90	107	128	138	151	159	163	167	169
All Other Direct Man-Hours	21	21	21	21	21	21	21	21	21	21	21	21	21
Total Direct Man-Hours	68	65	85	94	111	128	149	159	172	180	184	188	190
Aver. Hrs per Direct Worker in Month	221	192	216	208	208	208	216	208	208	208	208	208	208
Direct Workers	309	340	392	453	532	615	692	766	828	866	887	903	914
Total Employees	1,065	1,116	1,181	1,259	1,345	1,434	1,514	1,586	1,640	1,661	1,657	1,643	1,616
	FEB.												
AT-10GL Direct Man-Hours	81	87	102	117	129	145	147	154	159	163	167	169	164
All Other Direct Man-Hours	17	21	21	21	21	21	21	21	21	21	21	21	21
Total Direct Man-Hours	98	108	123	138	150	166	168	175	180	184	188	190	185
Aver. Hrs. per Direct Worker in Month	244	216	208	208	208	216	208	208	208	208	208	208	200
Direct Workers	401	503	592	663	721	771	809	841	866	887	903	914	924
Total Employees	1,187	1,306	1,406	1,483	1,546	1,598	1,633	1,656	1,661	1,657	1,643	1,616	1,592
	MAR.												
AT-10GL Direct Man-Hours	128	164	184	200	216	200	215	218	220	224	228	221	238
All Other Direct Man-Hours	10	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	138	164	184	200	216	200	215	218	220	224	228	221	238
Aver. Hrs. per Direct Worker in Month	217	208	208	208	216	208	208	208	208	208	208	200	216
Direct Workers	637	787	887	962	1,000	1,026	1,036	1,046	1,056	1,076	1,096	1,106	1,100
Total Employees	1,540	1,765	1,915	2,015	2,065	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,090
	APR.												
AT-10GL Direct Man-Hours	157	162	168	181	180	184	187	190	192	193	187	200	185
All Other Direct Man-Hours	14	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	171	162	168	181	180	184	187	190	192	193	187	200	185
Aver. Hrs. per Direct Worker in Month	228	208	208	216	208	208	208	208	208	208	200	216	200
Direct Workers	703	780	809	841	866	887	903	914	924	930	935	930	925
Total Employees	1,662	1,627	1,544	1,452	1,341	1,217	1,083	1,094	1,104	1,110	1,115	1,110	1,105
	MAY												
AT-10GL Direct Man-Hours	137	168	181	180	184	187	190	192	193	187	200	185	198
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	137	168	181	180	184	187	190	192	193	187	200	185	198
Aver. Hrs. per Direct Worker in Month	181	208	208	216	208	208	208	208	208	208	200	216	200
Direct Workers	755	809	870	833	887	899	913	924	928	899	1,000	856	990
Total Employees	1,726	1,544	1,452	1,341	1,217	1,083	1,094	1,104	1,110	1,115	1,180	1,105	1,100
	JUNE												
AT-10GL Direct Man-Hours	150	175	195	210	224	234	216	207	198	189	180	171	166
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	150	175	195	210	224	234	216	207	198	189	180	171	166
Aver. Hrs. per Direct Worker in Month	202	208	216	208	208	208	208	208	208	200	216	200	216
Direct Workers	741	841	902	1,009	1,077	1,125	1,038	995	951	945	833	855	770
Total Employees	1,631	1,591	1,552	1,584	1,572	1,575	1,463	1,395	1,336	1,315	1,203	1,215	1,130
	JULY												
AT-10GL Direct Man-Hours	159	195	210	224	234	216	207	198	189	180	171	166	162
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	159	195	210	224	234	216	207	198	189	180	171	166	162
Aver. Hrs. per Direct Worker in Month	204	208	208	208	208	208	208	208	200	208	208	208	208
Direct Workers	780	938	1,009	1,072	1,125	1,038	995	951	909	865	822	798	783
Total Employees	1,630	1,588	1,584	1,572	1,575	1,463	1,395	1,336	1,279	1,235	1,182	1,158	1,133
	AUG.												
AT-10GL Direct Man-Hours	178	210	224	234	216	207	198	189	180	171	166	162	162
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	178	210	224	234	216	207	198	189	180	171	166	162	162

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month; Average Direct and Total Employment in Units)

FORT WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
Aver. Hrs. per Direct Worker in Month	207	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	859	1,009	1,072	1,125	1,038	995	951	909	865	822	798	783	779
Total Employees	1,699	1,859	1,897	1,925	1,788	1,695	1,601	1,509	1,365	1,222	1,198	1,183	1,179
	SEPT.												
AT-10GL Direct Man-Hours	186	224	234	216	207	198	189	180	171	166	162	162	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	186	224	234	216	207	198	189	180	171	166	162	162	—
Aver. Hrs. per Direct Worker in Month	202	208	208	208	208	208	208	208	208	208	208	208	—
Direct Workers	919	1,072	1,125	1,038	995	951	909	865	822	798	783	779	—
Total Employees	1,762	1,897	1,925	1,788	1,695	1,601	1,509	1,365	1,222	1,198	1,183	1,179	—
	OCT.												
AT-10GL Direct Man-Hours	202	234	216	207	198	189	180	171	166	162	162	162	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	202	234	216	207	198	189	180	171	166	162	162	162	—
Aver. Hrs. per Direct Worker in Month	208	208	208	208	208	208	208	208	208	208	208	208	—
Direct Workers	972	1,125	1,038	995	951	909	865	822	798	783	779	779	—
Total Employees	1,847	1,925	1,788	1,695	1,601	1,509	1,365	1,222	1,198	1,183	1,179	1,179	—
	NOV.												
AT-10GF Direct Man-Hours	187	216	207	198	189	180	171	166	162	61	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	187	216	207	198	189	180	171	166	162	61	—	—	—
Aver. Hrs. per Direct Worker in Month	185	208	208	208	208	208	208	208	208	208	—	—	—
Direct Workers	1,012	1,038	995	951	909	865	822	798	783	294	—	—	—
Total Employees	1,926	1,788	1,695	1,601	1,509	1,365	1,222	1,198	1,183	694	—	—	—
	DEC.												
AT-10GF Direct Man-Hours	158	190	168	170	169	129	93	53	31	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	158	190	168	170	169	129	93	53	31	—	—	—	—
Aver. Hrs. per Direct Worker in Month	167	212	195	195	195	195	195	195	195	—	—	—	—
Direct Workers	945	897	862	872	815	662	477	272	159	—	—	—	—
Total Employees	1,907	1,800	1,672	1,657	1,600	1,354	1,031	549	298	—	—	—	—
	1944 JAN.[3]												
AT-10GF Direct Man-Hours	190	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	190	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	212	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	897	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	1,800	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
AT-10GF Direct Man-Hours	148	170	169	129	93	53	31	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	148	170	169	129	93	53	31	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	173	195	195	195	195	195	195	—	—	—	—	—	—
Direct Workers	856	872	815	662	477	272	159	—	—	—	—	—	—
Total Employees	1,700	1,657	1,600	1,354	1,031	579	298	—	—	—	—	—	—
	MAR.												
AT-10GF Direct Man-Hours	169	169	129	93	53	31	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	169	169	129	93	53	31	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	213	195	195	195	195	195	—	—	—	—	—	—	—
Direct Workers	795	867	662	477	272	159	—	—	—	—	—	—	—
Total Employees	1,545	1,600	1,354	1,031	579	298	—	—	—	—	—	—	—
	APR.												
AT-10GF Direct Man-Hours	123	125	79	52	31	—	—	—	—	—	—	—	—
AT-17 + UC-78 Direct Man-Hours	[4]	3	10	35	48	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	[4]	1	1	8	18	—	—	—	—	—	—	—	—
Total Direct Man-Hours	123	129	90	95	97	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	177	195	195	195	195	—	—	—	—	—	—	—	—
Direct Workers	698	662	477	487	500	—	—	—	—	—	—	—	—
Total Employees	1,342	1,242	1,000	1,000	1,000	1,000	1,000	1,000	1,000	—	—	—	—

GLOBE, FT. WORTH (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
AT-10 Direct Man-Hours	116	43	10	10	5	5	5	—	—	—	—	—	—
AT-17-UC-78 Direct Man-Hours	10	61	84	87	78	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	3	6	8	32	54	91	92	96	96	73	64	52	29
Total Direct Man-Hours	129	110	102	129	137	96	97	96	96	73	64	52	29
Aver. Hrs. per Direct Worker in Month	200	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	645	564	523	662	703	492	497	492	492	374	328	267	149
Total Net Employment	1,231	1,064	1,023	1,162	1,203	992	997	992	992	874	828	767	649
	JUNE												
AT-10 Direct Man-Hours	59	25	10	5	5	5	—	—	—	—	—	—	—
AT-17, UC-78 Direct Man-Hours	42	93	97	78	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	6	8	32	54	91	92	96	96	73	64	52	29	—
Total Direct Man-Hours	107	126	139	137	96	97	96	96	73	64	52	29	—
Aver. Hrs. per Direct Worker in Month	200	195	195	195	195	195	195	195	195	195	195	195	—
Net Direct Employment	534	641	712	703	492	497	492	492	374	328	267	149	—
Total Net Employment	1,086	1,141	1,212	1,203	992	997	992	992	874	828	767	649	—
	JULY												
AT-10 Direct Man-Hours	18	10	5	—	—	—	—	—	—	—	—	—	—
AT-17+UC-78 Direct Man-Hours	57	17	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	22	32	54	91	92	96	96	73	64	52	29	—	—
Total Direct Man-Hours	97	59	59	91	92	96	96	73	64	52	29	—	—
Aver. Hrs. per Direct Worker in Month	246	195	195	195	195	195	195	195	195	195	195	—	—
Net Direct Employment	397	303	303	466	472	492	492	374	328	267	149	—	—
Total Net Employment	930	803	803	966	972	992	992	874	828	767	649	—	—
	AUG.												
AT-10 Direct Man-Hours	4	10	10	5	—	—	—	—	—	—	—	—	—
AT-17, UC-78 Direct Man-Hours	16	13	17	24	33	37	53	69	12	—	—	—	—
All Other Direct Man-Hours	27	23	27	29	33	37	53	69	12	—	—	—	—
Total Direct Man-Hours	47	195	195	195	195	195	195	195	195	—	—	—	—
Aver. Hrs. per Direct Worker in Month	200	118	138	149	169	190	272	354	62	—	—	—	—
Net Direct Employment	235	468	488	499	519	540	622	704	412	—	—	—	—
Total Net Employment	678												
	SEPT.												
AT-10 Direct Man-Hours	3	10	5	—	—	—	—	—	—	—	—	—	—
AT-17, UC-78 Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
AT-10 Nacelle Frame Direct Man-Hours	[5]	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	24	43	63	87	107	107	107	102	68	—	—	—	—
Total Direct Man-Hours	28	53	68	87	107	107	107	102	68	—	—	—	—
Aver. Hrs. per Direct Worker in Month	199	195	195	195	195	195	195	195	195	—	—	—	—
Net Direct Employment	139	271	348	446	548	548	548	523	348	—	—	—	—
Total Net Employment	506	631	733	831	933	933	933	908	733	—	—	—	—
	OCT.[3]												
AT-10 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
AT-10 Nacelle Frame Direct Man-Hours	[5]	—	—	—	—	—	—	—	—	—	—	—	—
C-46 Direct Man-Hours	41	58	77	104	104	104	99	85	—	—	—	—	—
All Other Direct Man-Hours	2	3	3	3	3	3	3	3	—	—	—	—	—
Total Direct Man-Hours	46	56	80	107	107	107	102	68	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	253	195	195	195	195	195	195	195	—	—	—	—	—
Net Direct Employment	181	287	410	548	548	548	523	348	—	—	—	—	—
Total Net Employment	526	672	795	933	933	933	908	733	—	—	—	—	—

GOODYEAR, AKRON

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
FG-1 Direct Man-Hours	647	647	647	676	727	891	1,162	1,379	1,427	1,553	1,706	1,834	1,899
All Other Direct Man-Hours	2,480	2,702	2,915	3,033	3,215	3,083	3,092	2,956	2,827	2,523	1,923	1,079	332
Total Direct Man-Hours	3,127	3,349	3,562	3,709	3,942	3,974	4,254	4,335	4,254	4,076	3,629	2,913	2,231
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	16,456	17,628	18,748	19,839	20,748	20,918	22,391	22,817	22,389	21,453	19,099	15,333	11,744
Total Employees	26,047	27,637	29,098	30,548	31,606	31,817	33,150	33,127	32,406	30,818	27,234	21,684	16,484
	FEB.												
FG-1 Direct Man-Hours	446	638	718	797	1,202	1,283	1,391	1,523	1,661	1,802	1,754	1,715	1,683
All Other Direct Man-Hours	2,396	2,558	2,633	2,764	2,770	2,819	2,610	2,545	2,172	953	822	749	708
Total Direct Man-Hours	2,842	3,196	3,351	3,561	3,972	4,102	4,001	4,068	3,833	2,755	2,576	2,464	2,391
Aver. Hrs. per Direct Worker in Month	175	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	16,240	16,823	17,639	18,740	20,902	21,588	21,055	21,411	20,175	14,499	13,560	12,968	12,585
Total Employees	30,233	26,936	27,962	29,094	31,280	31,788	30,839	31,069	29,367	19,888	18,489	17,708	17,244

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

GOODYEAR, AKRON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
FG-1 Direct Man-Hours	718	797	1,202	1,283	1,391	1,523	1,661	1,802	1,754	1,715	1,683	1,655	1,627
All Other Direct Man-Hours	2,725	2,690	2,591	2,692	2,788	2,624	2,462	1,870	1,045	894	805	791	795	743
Total Direct Man-Hours	3,267	3,268	3,388	3,894	4,071	4,015	3,985	3,531	2,847	2,648	2,520	2,474	2,450	2,370
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	17,037	17,200	17,832	20,495	21,426	21,132	20,974	18,584	14,984	13,937	13,263	13,021	12,895	12,474
Total Employees	29,753	27,523	28,186	30,852	31,626	30,913	30,632	27,776	20,371	15,866	18,003	17,680	16,832	16,206
	APR.												
FG-1 Direct Man-Hours	530	797	1,202	1,283	1,391	1,523	1,661	1,802	1,754	1,715	1,683	1,655	1,627
All Other Direct Man-Hours	2,560	2,591	2,692	2,788	2,624	2,462	1,870	1,045	894	805	791	795	743
Total Direct Man-Hours	3,090	3,388	3,894	4,071	4,015	3,985	3,531	2,847	2,648	2,520	2,474	2,450	2,370
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	16,264	17,832	20,495	21,426	21,132	20,974	18,584	14,984	13,937	13,263	13,021	12,895	12,474
Total Employees	29,464	28,186	30,852	31,626	30,913	30,632	27,776	20,371	15,866	18,003	17,680	16,832	16,206
	MAY												
FG-1 Direct Man-Hours	702	1,202	1,283	1,496	1,498	1,576	1,651	1,586	1,543	1,506	1,479	1,455	1,432
All Other Direct Man-Hours	2,368	2,411	2,471	2,507	2,566	2,547	2,523	2,427	2,336	2,151	1,222	1,064	1,037
Total Direct Man-Hours	3,070	3,613	3,754	4,003	4,064	4,123	4,174	4,013	3,879	3,657	2,701	2,519	2,469
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	16,158	19,016	19,758	21,068	21,389	21,700	21,968	21,121	20,416	19,247	14,216	13,258	12,995
Total Employees	29,588	32,256	32,968	34,181	34,423	34,617	34,023	32,415	31,368	29,511	21,750	20,285	20,022
	JUNE												
FG-1 Direct Man-Hours	821	850	861	880	900	935	1,096	1,188	1,329	1,353	1,311	1,276	1,253
All Other Direct Man-Hours	2,560	2,552	2,565	2,577	2,557	2,441	2,063	1,946	1,698	795	707	685	674
Total Direct Man-Hours	3,381	3,402	3,426	3,457	3,457	3,376	3,159	3,134	3,027	2,148	2,018	1,961	1,927
Aver. Hrs. per Direct Worker in Month	190	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	16,832	17,905	18,032	18,195	18,195	17,768	16,626	16,495	15,932	11,305	10,621	10,321	10,142
Total Employees	30,324	31,266	31,380	31,187	31,144	30,311	29,045	28,817	27,833	19,445	18,056	17,339	16,836
	JULY												
FG-1 Direct Man-Hours	840	858	877	897	932	1,092	1,184	1,274	1,402	1,307	1,321	1,249	1,229
All Other Direct Man-Hours	2,381	2,339	2,417	2,350	2,176	1,683	1,392	1,042	810	726	863	840	818
Total Direct Man-Hours	3,221	3,197	3,294	3,247	3,108	2,775	2,576	2,316	2,212	2,033	2,184	2,089	2,047
Aver. Hrs. per Direct Worker in Month	191	189	189	189	189	189	189	182	197	182	197	189	189
Direct Workers	16,900	16,880	17,392	17,144	16,410	14,652	13,601	12,718	11,246	11,164	11,103	11,030	10,808
Total Employees	30,798	29,921	30,507	29,974	29,328	26,225	23,634	22,129	20,622	20,419	20,350	20,107	18,557
	AUG.												
FG-1 Direct Man-Hours	925	928	930	932	1,092	1,184	1,274	1,402	1,307	1,321	1,249	1,229	1,249
All Other Direct Man-Hours	2,190	2,286	2,302	2,241	1,891	1,769	1,538	1,615	1,456	1,645	1,604	1,619	1,394
Total Direct Man-Hours	3,115	3,214	3,232	3,173	2,983	2,953	2,812	3,017	2,763	2,966	2,853	2,848	2,643
Aver. Hrs. per Direct Worker in Month	189	189	189	189	189	189	182	197	182	197	189	189	197
Direct Workers	16,449	16,969	17,064	16,753	15,750	15,591	15,441	15,337	15,171	15,080	15,063	15,037	13,437
Total Employees	30,795	30,020	29,640	29,066	27,310	27,035	26,778	26,564	26,261	26,070	26,014	25,939	23,152
	SEPT.												
FG-1 Direct Man-Hours	981	1,001	1,085	1,176	1,232	1,176	1,234	1,090	1,332	1,162	1,122	1,097	1,077
All Other Direct Man-Hours	2,198	2,140	1,930	1,686	1,527	1,370	1,605	1,594	1,746	1,806	1,814	1,894	1,651
Total Direct Man-Hours	3,179	3,141	3,015	2,862	2,759	2,546	2,839	2,684	2,878	2,968	2,936	2,991	2,728
Aver. Hrs. per Direct Worker in Month	189	185	185	185	185	178	192	178	192	185	185	193	185
Direct Workers	16,814	16,978	16,298	15,470	14,915	14,314	14,773	15,085	14,981	16,043	15,870	15,522	14,746
Total Employees	30,973	30,059	28,919	27,632	26,554	25,664	26,317	26,750	26,602	27,781	26,881	23,011	21,832
	OCT.												
FG-1 Direct Man-Hours	1,015	1,084	1,176	1,231	1,176	1,234	1,090	1,132	1,064	1,046	1,025	960	937
All Other Direct Man-Hours	1,931	1,655	1,547	1,479	1,405	1,438	1,306	1,514	1,435	1,421	1,457	1,208	1,030
Total Direct Man-Hours	2,946	2,739	2,723	2,710	2,581	2,672	2,396	2,646	2,499	2,467	2,482	2,168	1,967
Aver. Hrs. per Direct Worker in Month	185	185	185	185	178	192	178	192	185	185	193	185	185
Direct Workers	15,927	11,805	14,719	14,651	14,510	13,909	13,469	13,774	13,510	13,337	12,878	11,719	10,632
Total Employees	30,386	27,395	27,092	26,911	26,795	25,945	25,316	25,744	25,463	24,407	23,567	21,446	19,457
	NOV.												
FG-1 Direct Man-Hours	1,095	1,176	1,231	1,116	1,234	1,090	1,132	1,064	1,046	1,025	960	937	921
All Other Direct Man-Hours	1,711	1,574	1,358	1,113	1,004	1,104	1,135	1,089	1,144	1,155	1,100	1,060	1,008
Total Direct Man-Hours	2,806	2,750	2,589	2,229	2,238	2,194	2,267	2,153	2,190	2,180	2,060	1,997	1,929
Aver. Hrs. per Direct Worker in Month	177	188	188	189	189	189	189	189	189	189	189	188	188
Direct Workers	15,847	14,605	13,799	12,168	11,855	11,639	12,019	11,417	11,016	11,559	10,930	10,600	10,237
Total Employees	30,110	26,690	25,212	22,376	21,791	21,374	22,064	20,942	21,304	21,189	20,022	19,401	18,728

GOODYEAR, AKRON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.[3]												
FG-1 Direct Man-Hours	1,134	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	1,719	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,853	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	186	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	15,324	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	29,465	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[3]												
FG-1 Direct Man-Hours	1,193	—	—	—	—	—	—	—	—	—	—	—	—
FG-2 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	1,508	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,701	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	189	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	14,307	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	28,254	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
FG-1 Direct Man-Hours	1,166	1,141	1,053	1,009	973	946	921	910	902	879	859	756	401
FG-2 Direct Man-Hours	—	—	—	—	—	—	—	—	1	24	149	221	518
All Other Direct Man-Hours	1,331	1,203	1,233	1,295	1,309	1,352	1,387	1,411	1,461	1,523	1,538	1,531	1,465
Total Direct Man-Hours	2,497	2,344	2,286	2,304	2,282	2,298	2,308	2,321	2,364	2,426	2,546	2,508	2,384
Aver. Hrs. per Direct Worker in Month	186	189	189	189	189	189	189	188	189	189	187	189	187
Direct Workers	13,393	12,407	12,104	12,208	12,086	12,178	12,234	12,358	12,537	12,861	13,609	13,302	12,745
Total Employees	26,900	26,189	26,029	26,213	26,054	26,134	26,201	26,310	26,401	26,630	27,291	26,892	26,249
	MAR.												
FG-1 Direct Man-Hours	1,059	1,053	1,009	973	946	921	902	872	860	859	762	401	68
F2G Direct Man-Hours	—	—	—	—	—	—	—	1	24	149	221	518	971
All Other Direct Man-Hours	1,245	1,071	1,096	1,160	1,227	1,320	1,360	1,450	1,523	1,538	1,531	1,465	1,066
Total Direct Man-Hours	2,304	2,124	2,105	2,133	2,173	2,241	2,262	2,323	2,407	2,546	2,514	2,384	2,105
Aver. Hrs. per Direct Worker in Month	184	188	188	188	188	188	188	188	188	188	188	188	188
Direct Workers	12,491	11,299	11,195	11,344	11,557	11,918	12,030	12,358	12,803	13,543	13,372	12,681	11,197
Total Employees	25,868	25,064	24,951	25,135	25,404	25,769	25,884	26,213	26,630	27,357	26,878	25,616	22,730
	APR.												
FG-1 Direct Man-Hours	933	805	778	751	732	715	687	657	626	525	327	88	43
F2G Direct Man-Hours	—	37	37	56	56	76	137	194	333	597	747	963	1,054
All Other Direct Man-Hours	1,242	1,395	1,428	1,466	1,514	1,539	1,529	1,611	1,639	1,471	1,466	1,132	1,029
Total Direct Man-Hours	2,175	2,237	2,243	2,273	2,302	2,330	2,353	2,462	2,598	2,593	2,540	2,183	2,126
Aver. Hrs. per Direct Worker in Month	183	188	188	188	188	188	188	188	188	188	188	188	188
Direct Workers	11,853	11,900	11,930	12,091	12,244	12,392	12,516	13,095	13,817	13,790	13,505	11,613	11,306
Total Employees	25,185	25,150	25,045	25,196	25,309	25,267	25,366	25,938	26,657	26,620	26,315	23,143	22,836
	MAY												
FG-1 Direct Man-Hours	806	890	847	718	621	603	581	560	538	523	509	488	479
F2G Direct Man-Hours	16	16	16	17	83	118	164	185	173	161	152	145	170
All Other Direct Man-Hours	1,291	1,303	1,466	1,533	1,611	1,603	1,627	1,691	1,626	1,611	1,411	1,113	941
Total Direct Man-Hours	2,113	2,209	2,329	2,268	2,315	2,324	2,372	2,436	2,337	2,295	2,072	1,746	1,590
Aver. Hrs. per Direct Worker in Month	187	194	194	194	194	193	194	194	194	194	194	196	194
Net Direct Employment	11,301	11,392	12,005	11,681	11,927	12,032	12,224	12,554	12,013	11,819	10,687	8,908	8,204
Total Net Employment	23,636	23,882	24,306	23,841	24,020	24,091	24,212	24,364	23,851	23,636	21,570	18,109	16,804
	JUNE												
FG-1 Direct Man-Hours	784	796	624	598	581	585	550	534	520	509	502	494	333
F2G-1 Direct Man-Hours	27	45	107	133	175	233	208	187	173	161	152	145	170
All Other Direct Man-Hours	1,298	1,424	1,550	1,569	1,644	1,683	1,705	1,824	1,791	1,594	1,178	965	918
Total Direct Man-Hours	2,109	2,273[2]	2,281	2,294[2]	2,400	2,481	2,463	2,545	2,484	2,264	1,832	1,604	1,421
Aver. Hrs. per Direct Worker in Month	190	193	193	194	194	194	193	194	194	194	194	194	194
Net Direct Employment	11,072	11,810	11,823	11,833	12,367	12,788	12,748	13,118	12,803	11,670	9,443	8,268	7,324
Total Net Employment	22,604	23,510	23,701	23,688	24,179	24,538	24,423	24,893	24,403	22,873	18,843	16,868	15,224
	JULY												
FG-1 Direct Man-Hours	666	752	667	669	645	633	596	540	491	482	502	505	496
F2G Direct Man-Hours	11	10	10	19	53	110	134	132	124	119	115	112	109
FG-4 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	9	25
All Other Direct Man-Hours	1,266	1,380	1,568	1,656	1,712	1,717	1,819	1,826	1,612	1,242	942	897	867
Total Direct Man-Hours	1,943	2,142	2,245	2,344	2,410	2,460	2,549	2,498	2,227	1,843	1,559	1,523	1,497
Aver. Hrs. per Direct Worker in Month	180	194	194	194	194	194	194	194	194	194	194	194	194
Net Direct Employment	10,773	11,043	11,577	12,082	12,422	12,680	13,139	12,874	11,479	9,500	8,036	7,851	7,716
Total Net Employment	21,209	22,355	23,346	24,065	24,240	24,455	24,864	24,367	22,679	18,900	17,036	16,351	15,916

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

GOODYEAR, AKRON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
FG-1 Direct Man-Hours	741	603	539	540	510	482	435	391	363	355	350	344	324
F2G Direct Man-Hours	9	10	12	41	72	98	87	82	78	76	73	72	70
FG-4 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	6	17	46
All Other Direct Man-Hours	1,408	1,455	1,520	1,633	1,678	1,720	1,777	1,852	1,647	1,313	972	928	803
Total Direct Man-Hours	2,158	2,068	2,071	2,225	2,260	2,300	2,299	2,325	2,088	1,744	1,401	1,361	1,243
Aver. Hrs. per Direct Worker in Month	203	195	195	195	195	195	195	195	195	195	195	195	195
Net Direct Employment	10,614	11,426	11,441	11,410	11,626	11,744	11,790	11,923	10,708	8,944	7,185	6,979	6,374
Total Net Employment	20,829	22,875	23,328	23,144	23,292	23,312	23,340	23,366	21,523	18,156	14,657	14,307	13,310
	SEPT.												
FG-1 Direct Man-Hours	609	599	549	520	482	435	391	363	355	350	344	324	256
F2G-1 Direct Man-Hours	6	12	41	72	88	87	82	78	76	73	72	70	78
FG-4 Direct Man-Hours	—	—	—	—	—	—	—	—	—	6	17	46	119
All Other Direct Man-Hours	1,450	1,492	1,496	1,528	1,556	1,569	1,615	1,504	1,208	910	880	770	688
Total Direct Man-Hours	2,065	2,103	2,086	2,120	2,126	2,091	2,088	1,945	1,639	1,339	1,313	1,210	1,141
Aver. Hrs per Direct Worker in Month	194	197	197	197	198	197	198	196	195	193	193	192	192
Net Direct Employment	10,652	10,663	10,587	10,761	10,764	10,591	10,573	9,936	8,392	6,945	5,816	6,320	5,957
Total Net Employment	21,200	22,002	22,047	22,119	22,079	21,847	21,809	21,609	17,033	13,932	13,554	12,491	11,770
	OCT.												
FG-1 Direct Man-Hours	617	549	520	482	435	391	363	355	350	344	324	256	153
F2G-1 Direct Man-Hours	36	55	87	95	83	73	67	63	59	56	54	46	81
All Other Direct Man-Hours	1,384	1,490	1,526	1,565	1,575	1,648	1,629	1,586	1,215	1,032	899	709	573
Total Direct Man-Hours	2,037	2,094	2,133	2,142	2,093	2,112	2,059	2,004	1,624	1,432	1,277	1,011	807
Aver. Hrs. per Direct Worker in Month	193	196	197	198	196	198	195	192	192	192	192	192	192
Net Direct Employment	10,569	10,711	10,523	10,846	10,657	10,694	10,576	10,466	8,480	7,478	6,668	5,279	4,214
Total Net Employment	21,541	21,818	22,054	22,089	21,685	21,783	21,554	21,435	17,384	15,330	13,669	10,822	8,639
	NOV.												
FG-1 Direct Man-Hours	546	532	492	444	400	372	363	357	352	332	263	150	56
F2G-1 Direct Man-Hours	45	87	95	83	73	67	63	59	56	54	46	82	123
All Other Direct Man-Hours	1,471	1,526	1,565	1,575	1,648	1,629	1,586	1,415	1,032	899	709	573	493
Total Direct Man-Hours	2,062	2,145	2,152	2,102	2,121	2,068	2,012	1,831	1,440	1,285	1,018	805	672
Aver. Hrs. per Direct Worker in Month	193	197	198	196	198	195	192	192	192	192	192	192	192
Net Direct Employment	10,660	10,880	10,896	10,708	10,739	10,621	10,507	9,561	7,520	6,710	5,316	4,204	3,509
Total Net Employment	21,699	22,111	22,139	21,736	21,828	21,599	21,476	19,465	15,372	13,711	10,859	8,629	7,229
	DEC.												
FG-1 Direct Man-Hours	550	534	522	513	508	500	491	478	379	180	34	—	—
FG-4 Direct Man-Hours	—	—	—	—	—	—	1	8	107	320	475	389	145
F2G-1 Direct Man-Hours	44	95	83	73	67	63	59	56	54	46	82	123	178
All Other Direct Man-Hours	1,407	1,440	1,460	1,529	1,514	1,516	1,518	1,519	1,260	1,014	939	852	529
Total Direct Man-Hours	2,001	2,069	2,065	2,115	2,089	2,079	2,069	2,061	1,800	1,560	1,530	1,364	852
Aver. Hrs. per Direct Worker in Month	188	192	190	194	192	193	192	194	192	194	194	192	192
Net Direct Employment	10,658	10,804	10,899	10,931	10,908	10,800	10,804	10,765	9,302	8,146	7,907	7,123	4,449
Total Net Employment	21,467	21,828	22,141	22,134	22,067	21,914	21,873	21,787	18,883	16,574	16,130	14,567	9,120
	1945 JAN.												
FG-1 Direct Man-Hours	576	524	515	509	502	494	488	397	189	35	—	—	—
FG-4 Direct Man-Hours	—	—	—	—	—	1	8	107	321	476	504	499	494
F2G-1 Direct Man-Hours	55	83	73	67	63	59	56	54	60	82	123	168	190
All Other Direct Man-Hours	1,442	1,487	1,604	1,629	1,630	1,622	1,574	1,523	1,227	1,120	897	647	533
Total Direct Man-Hours	2,073	2,094	2,192	2,205	2,195	2,176	2,126	2,081	1,797	1,713	1,524	1,312	1,217
Aver. Hrs per Direct Worker in Month	195	190	192	192	193	192	192	194	192	194	192	192	192
Net Direct Employment	10,657	11,051	11,445	11,515	11,400	11,363	11,102	10,757	9,384	8,853	7,958	6,851	6,355
Total Net Employment	21,481	22,189	22,897	22,978	22,692	22,383	21,852	21,334	18,852	17,839	16,115	13,908	12,932
	FEB.												
FG-1 Direct Man-Hours	525	515	509	502	494	488	397	189	35	—	—	—	—
FG-4 Direct Man-Hours	—	—	—	—	1	8	107	321	476	504	499	494	486
F2G-1 Direct Man-Hours	60	73	67	63	59	56	54	60	82	123	166	189	191
All Other Direct Man-Hours	1,330	1,557	1,483	1,523	1,533	1,436	1,536	1,380	1,397	1,141	1,068	782	472
Total Direct Man-Hours	1,915	2,145	2,059	2,088	2,087	1,988	2,094	1,950	1,990	1,768	1,733	1,465	1,149
Aver. Hrs per Direct Worker in Month	176	196	184	191	191	184	196	184	196	184	184	191	177
Net Direct Employment	10,853	10,971	11,197	10,922	10,915	10,812	10,709	10,604	10,174	9,614	9,425	7,662	6,510
Total Net Employment	22,012	22,381	22,980	22,832	22,283	22,089	21,878	21,667	20,826	19,709	19,359	15,784	13,541
	MAR.												
FG-1 Direct Man-Hours	507	509	502	494	488	397	189	35	—	—	—	—	—
FG-4 Direct Man-Hours	1	—	—	1	8	107	321	476	504	490	494	489	482
F2G Direct Man Hours	50	67	63	59	56	54	60	82	122	166	186	191	180

GOODYEAR, AKRON (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAR.												
All Other Direct Man-Hours	1,487	1,371	1,489	1,470	1,362	1,475	1,353	1,463	975	790	797	706	795
Total Direct Man-Hours	2,045	1,947	2,054	2,024	1,914	2,033	1,923	2,056	1,602	1,455	1,480	1,353	1,457
Aver. Hrs. per Direct Worker in Month	194	184	191	191	184	196	184	196	184	184	191	177	191
Net Direct Employment	10,564	10,587	10,743	10,587	10,410	10,396	10,457	10,509	8,715	7,913	7,740	7,836	7,625
Total Net Employment	21,796	21,848	22,051	21,283	20,337	20,176	20,833	21,303	17,972	16,323	16,166	16,332	15,842
	APR.												
FG-1 Direct Man-Hours	511	502	494	488	397	189	35	—	—	—	—	—	—
FG-4 Direct Man-Hours	8	10	13	26	192	403	566	661	663	663	615	603	586
F2G Direct Man-Hours	69	40	43	40	68	94	113	105	88	—	—	—	—
All Other Direct Man-Hours	1,244	1,360	1,334	1,177	1,179	1,055	1,090	932	953	934	857	857	705
Total Direct Man-Hours	1,832	1,912	1,884	1,731	1,836	1,741	1,804	1,698	1,704	1,597	1,472	1,406	1,291
Aver. Hrs. per Direct Worker in Month	182	191	191	184	196	184	196	184	184	191	177	191	191
Net Direct Employment	10,071	10,000	9,851	9,411	9,385	9,466	9,225	9,238	9,222	8,352	8,340	7,636	6,752
Total Net Employment	20,927	20,748	20,384	19,394	19,318	19,596	19,373	19,632	19,366	17,539	17,514	16,036	14,179
	MAY												
FG-1 Direct Man-Hours	480	494	488	397	189	35	—	—	—	—	—	—	—
FG-4 Direct Man-Hours	27	25	26	202	513	666	661	663	653	625	603	585	569
F2G Direct Man-Hours	45	9	9	9	9	9	9	—	—	—	—	—	—
All Other Direct Man-Hours	1,266	1,289	1,246	1,317	1,120	1,032	912	885	929	799	797	738	623
Total Direct Man-Hours	1,818	1,817	1,769	1,925	1,831	1,742	1,582	1,548	1,582	1,424	1,400	1,323	1,192
Aver. Hrs. per Direct Worker in Month	192	191	184	196	184	196	184	184	191	177	191	191	191
Net Direct Employment	9,445	9,504	9,622	9,840	9,957	8,906	8,603	8,415	8,276	8,068	7,326	6,921	6,234
Total Net Employment	19,653	19,348	18,739	18,603	19,119	18,831	18,290	17,906	17,702	17,131	16,295	5,281	13,539
	JUNE												
FG-1 Direct Man-Hours	437	488	397	189	25	—	—	—	—	—	—	—	—
FG-4 Direct Man-Hours	65	26	202	513	666	661	663	653	625	603	585	569	556
F2G Direct Man Hours	46	9	9	9	9	9	—	—	—	—	—	—	—
All Other Direct Man-Hours	1,168	1,105	1,202	1,030	1,072	946	898	963	890	830	738	678	635
Total Direct Man-Hours	1,716	1,628	1,810	1,741	1,772	1,616	1,561	1,616	1,515	1,433	1,323	1,247	1,191
Aver. Hrs. per Direct Worker in Month	197	184	196	184	196	184	184	191	177	191	191	191	184
Net Direct Employment	8,710	8,854	9,245	9,468	9,058	8,787	8,488	8,451	8,582	7,495	6,919	6,522	6,474
Total Net Employment	18,058	17,868	17,860	18,464	18,516	18,404	17,972	17,661	17,970	15,744	14,499	13,768	13,673

GRUMMAN, BETHPAGE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
F4F Direct Man-Hours	647	169	50	10	—	—	—	—	—	—	—	—	—
TBF Direct Man-Hours	1,743	1,750	1,820	1,812	1,830	1,800	1,770	1,740	1,710	1,680	1,650	1,635	1,620
F6F Direct Man-Hours	823	1,325	1,733	2,142	2,250	2,430	2,625	2,760	2,888	3,100	3,325	3,237	3,150
JRF-5 Direct Man-Hours	83	76	76	76	76	76	76	95	95	95	95	95	95
J4F-2 Direct Man-Hours	52	48	48	48	48	48	48	60	60	60	60	60	60
F7F-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	85
All Other Direct Man-Hours	19	19	20	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	3,367	3,387	3,747	4,113	4,229	4,379	4,544	4,680	4,778	4,960	5,155	5,052	5,035
Aver. Hrs. per Direct Worker in Month	214	210	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	15,725	16,128	16,657	17,851	18,796	19,462	20,196	20,800	21,236	22,044	22,911	22,458	22,000
Total Employees	20,855	21,370	22,068	23,801	25,061	25,949	26,928	27,733	28,315	29,392	30,359	29,806	29,333
	FEB.[3]												
F4F Direct Man-Hours	111	—	—	—	—	—	—	—	—	—	—	—	—
TBF Direct Man-Hours	1,672	—	—	—	—	—	—	—	—	—	—	—	—
F6F Direct Man-Hours	1,273	—	—	—	—	—	—	—	—	—	—	—	—
JRF-2 Direct Man-Hours	77	—	—	—	—	—	—	—	—	—	—	—	—
J4F-2 Direct Man-Hours	49	—	—	—	—	—	—	—	—	—	—	—	—
F7F-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	17	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,199	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	NA	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	NA	—	—	—	—	—	—	—	—	—	—	—	—
Total Employment	NA	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
F7F-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	85	135
TBF Direct Man-Hours	1,917	1,860	1,830	1,800	1,770	1,740	1,710	1,680	1,650	1,635	1,620	1,605	1,590
F6F Direct Man-Hours	1,640	1,948	2,225	2,450	2,680	2,840	3,010	3,180	3,300	3,260	3,150	3,080	3,045
JRF Direct Man-Hours	82	80	80	80	80	95	95	95	95	95	95	95	95
J4F Direct Man-Hours	55	50	50	50	50	60	60	60	60	60	60	60	60
All Other Direct Man-Hours	77	65	35	35	35	35	25	35	35	35	35	35	35
Total Direct Man-Hours	3,771	4,000	4,220	4,415	4,615	4,770	4,910	5,050	5,140	5,085	4,960	4,960	4,960

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

GRUMMAN, BETHPAGE (Cont'd.)

ITEM	Report Month Actuals	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1944 JAN.[3]	FEB.	MAR.
Aver. Hrs. per Direct Worker in Month	224	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	16,814	17,822	18,755	19,622	20,411	21,200	21,822	22,444	22,884	22,600	22,000	22,000	22,000
Total Employees	21,067	23,143	24,977	25,818	26,688	27,995	28,713	29,531	30,000	29,737	29,333	29,333	29,333
TBF-1 Direct Man-Hours	1,787	1,830	1,770	1,740	1,710	1,680	1,650	1,635	1,620	1,605	1,590	1,575	1,560
F6F-3 Direct Man-Hours	1,978	1,905	2,120	2,325	2,520	2,715	2,910	3,090	3,050	3,010	2,975	2,940	2,020
JRF-5 Direct Man-Hours	74	80	80	80	80	80	80	80	80	80	80	80	80
J4F-2 Direct Man-Hours	54	50	50	50	50	50	50	50	50	50	50	50	50
F7F-1 Direct Man-Hours	—	—	—	—	—	—	—	—	55	110	160	210	245
All Other Direct Man-Hours	79	70	50	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,672	3,935	4,070	4,235	4,400	4,565	4,730	4,895	4,895	4,895	4,895	4,895	4,895
Aver. Hrs. per Direct Worker in Month	218	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	16,808	17,355	17,960	18,600	19,275	19,950	20,625	21,300	21,975	21,975	21,975	21,975	21,975
Total Employees	22,389	23,139	23,950	24,800	25,700	26,600	27,500	28,400	29,300	29,300	29,300	29,300	29,300
TBF-1 Direct Man-Hours	1,704	1,785	1,660	1,640	1,625	1,615	1,605	1,595	1,585	1,577	1,568	1,561	1,556
F6F-3 Direct Man-Hours	1,711	1,969	2,131	2,280	2,422	2,576	2,670	2,630	2,600	2,560	2,530	2,510	2,495
JRF-5 Direct Man-Hours	77	80	80	80	80	80	80	80	80	80	80	80	80
J4F-2 Direct Man-Hours	51	50	50	50	50	50	50	50	50	50	50	50	50
F7F-1 Direct Man-Hours	—	—	—	—	—	—	60	110	150	198	237	264	284
All Other Direct Man-Hours	53	50	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,596	3,834	3,961	4,090	4,217	4,361	4,505	4,505	4,505	4,505	4,505	4,505	4,505
Aver. Hrs. per Direct Worker in Month	219	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	16,432	17,040	17,608	18,176	18,744	19,383	20,022	20,022	20,022	20,022	20,022	20,022	20,022
Total Employees	23,220	24,780	24,800	25,600	26,400	27,300	28,200	28,200	28,200	28,200	28,200	28,200	28,200
TBF-1 Direct Man-Hours	1,773	1,674	1,636	1,588	1,558	1,120	806	375	—	—	—	—	—
F6F-3 Direct Man-Hours	1,868	2,149	2,300	2,460	2,619	3,126	3,470	3,926	4,243	4,214	4,187	4,167	4,147
JRF-5 Direct Man-Hours	78	80	80	80	80	80	80	90	90	90	90	90	90
J4F-2 Direct Man-Hours	48	50	50	50	50	50	50	58	58	58	58	58	58
F7F-1 Direct Man-Hours	—	—	—	—	—	60	110	132	190	219	246	266	286
All Other Direct Man-Hours	40	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,837	3,993	4,106	4,218	4,347	4,476	4,556	4,621	4,621	4,621	4,621	4,621	4,621
Aver. Hrs. per Direct Worker in Month	228	230	230	230	230	230	230	230	230	230	230	230	230
Direct Workers	16,836	17,360	17,850	18,340	18,900	19,460	19,810	20,090	20,090	20,090	20,090	20,090	20,090
Total Employees	23,863	24,800	25,500	26,200	27,000	27,800	28,300	28,700	28,700	28,700	28,700	28,700	28,700
TBF-1 Direct Man-Hours	1,715	1,672	1,550	1,500	1,096	693	154	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,004	2,404	2,609	2,726	3,113	3,529	4,054	4,188	4,115	4,105	4,085	4,075	4,065
JRF-5 Direct Man-Hours	77	80	80	80	80	80	90	90	90	90	90	90	90
J4F-2 Direct Man-Hours	47	50	50	50	50	50	58	58	58	58	58	58	58
F7F-1 Direct Man-Hours	—	—	—	—	50	70	100	120	160	203	223	233	243
All Other Direct Man-Hours	48	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,891	4,246	4,329	4,396	4,429	4,462	4,496	4,496	4,463	4,496	4,496	4,496	4,496
Aver. Hrs. per Direct Worker in Month	218	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	17,851	18,870	19,240	19,536	19,684	19,832	19,980	19,980	19,980	19,980	19,980	19,980	19,980
Total Employees	24,751	25,500	26,000	26,400	26,600	26,800	27,000	27,000	27,000	27,000	27,000	27,000	27,000
TBF-1 Direct Man-Hours	1,563	1,520	1,400	1,200	700	150	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,040	2,446	2,591	2,812	3,328	3,830	3,960	3,950	3,940	3,930	3,925	3,920	3,915
JRF-5 Direct Man-Hours	76	80	80	80	80	90	90	90	90	90	90	90	90
J4F-2 Direct Man-Hours	48	50	50	50	50	58	58	58	58	58	58	58	58
F7F-1 Direct Man-Hours	—	5	20	50	70	100	120	130	140	150	155	160	165
All Other Direct Man-Hours	42	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,769	4,141	4,181	4,232	4,268	4,268	4,268	4,268	4,268	4,268	4,268	4,268	4,268
Aver. Hrs. per Direct Worker in Month	208	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	18,123	18,408	18,580	18,810	18,970	18,970	18,970	18,970	18,970	18,970	18,970	18,970	18,970
Total Employees	25,494	25,800	26,000	26,300	26,500	26,500	26,500	26,500	26,500	26,500	26,500	26,500	26,500
TBF-1 Direct Man-Hours	1,440	1,491	1,080	697	100	—	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,131	2,329	2,752	3,142	3,681	3,766	3,756	3,746	3,736	3,726	3,716	3,706	3,696
JRF-5 Direct Man-Hours	79	80	80	80	90	90	90	90	90	90	90	90	90
J4F-2 Direct Man-Hours	51	50	50	50	58	58	58	58	58	58	58	58	58
F7F-1 Direct Man-Hours	7	15	30	45	85	100	110	120	130	140	150	160	170
All Other Direct Man-Hours	41	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,749	4,005	4,032	4,054	4,054	4,054	4,054	4,054	4,054	4,054	4,054	4,054	4,054

GRUMMAN, BETHPAGE (Cont'd.)

ITEM	Report Month Actuals	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.	OCT.	NOV.	DEC.	1944 JAN.[3]	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
Aver. Hrs. per Direct Worker in Month	212	225	225	225	225	225	225	225	225	225	225	225	225
Direct Workers	17,692	17,800	17,920	18,020	18,020	18,020	18,020	18,020	18,020	18,020	18,020	18,020	18,020
Total Employees	25,567	25,700	25,860	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000
TBF-1 Direct Man-Hours	1,200	1,050	580	342	118	—	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,485	2,614	2,968	3,138	3,184	3,162	3,122	3,080	3,030	2,960	2,900	2,840	2,790
JRF-5 Direct Man-Hours	79	80	80	80	90	90	90	90	90	90	90	90	90
J4F-2 Direct Man-Hours	64	50	50	50	58	58	58	58	58	58	58	58	58
F7F-1 Direct Man-Hours	16	35	45	60	100	200	280	320	400	470	560	630	690
All Other Direct Man-Hours	40	43	43	43	43	43	43	43	43	43	43	43	43
Total Direct Man-Hours	3,884	3,872	3,766	3,713	3,593	3,553	3,593	3,591	3,621	3,621	3,651	3,661	3,671
Aver. Hrs. per Direct Worker in Month	218	219	214	214	212	212	216	218	220	220	222	223	223
Direct Workers	17,800	17,710	17,600	17,350	16,940	16,760	16,618	16,450	16,450	16,450	16,450	16,450	16,450
Total Employees	25,450	25,300	25,160	24,790	24,200	23,943	23,740	23,500	23,500	23,500	23,500	23,500	23,500
TBF-1 Direct Man-Hours	602	373	197	82	—	—	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,845	3,042	3,191	3,238	3,194	3,130	3,080	3,030	2,960	2,900	2,840	2,790	2,740
JRF-5 Direct Man-Hours	83	80	80	90	90	90	90	90	90	90	90	90	90
J4F-2 Direct Man-Hours	59	50	50	58	58	58	58	58	58	58	58	58	58
F7F-1 Direct Man-Hours	22	45	60	100	200	260	320	400	470	560	630	690	740
All Other Direct Man-Hours	34	43	43	43	43	43	43	43	43	43	43	43	43
Total Direct Man-Hours	3,645	3,633	3,621	3,611	3,585	3,581	3,591	3,621	3,621	3,651	3,661	3,671	3,671
Aver. Hrs. per Direct Worker in Month	212	212	213	215	217	220	225	225	225	226	226	226	226
Direct Workers	17,158	17,136	17,000	16,796	16,524	16,252	15,980	16,093	16,093	16,155	16,199	16,243	16,243
Total Employees	25,356	25,200	25,000	24,700	24,300	23,900	23,500	23,500	23,500	23,500	23,500	23,500	23,500
TBF-1 Direct Man-Hours	68	—	—	—	—	—	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	3,140	3,210	3,266	3,243	3,203	3,163	3,149	3,137	3,079	3,021	2,982	2,945	2,885
JRF-5 Direct Man-Hours	81	80	90	90	90	90	103	103	115	115	127	127	127
J4F-2 Direct Man-Hours	54	50	58	58	58	58	45	45	33	33	21	21	21
F7F-1 Direct Man-Hours	44	60	100	150	200	300	355	384	440	500	532	564	630
All Other Direct Man-Hours	28	58	55	49	43	43	43	43	43	43	43	43	43
Total Direct Man-Hours	3,415	3,458	3,569	3,590	3,594	3,654	3,695	3,712	3,710	3,712	3,705	3,700	3,706
Aver. Hrs. per Direct Worker in Month	207	212	222	225	228	228	228	228	228	228	228	228	228
Direct Workers	16,494	16,276	16,106	15,946	15,795	16,000	16,240	16,240	16,240	16,240	16,240	16,240	16,240
Total Employees	25,159	24,660	24,220	23,800	23,400	23,200	23,200	23,200	23,200	23,200	23,200	23,200	23,200
F6F-3 Direct Man-Hours	3,140	—	—	—	—	—	—	—	—	—	—	—	—
F7F-1 Direct Man-Hours	65	—	—	—	—	—	—	—	—	—	—	—	—
JRF-5 Direct Man-Hours	82	—	—	—	—	—	—	—	—	—	—	—	—
J4F-2 Direct Man-Hours	60	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	41	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,388	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	210	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	16,136	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	24,706	—	—	—	—	—	—	—	—	—	—	—	—
F6F-3 Direct Man-Hours	2,947	2,818	2,780	2,760	2,755	2,750	2,740	2,730	2,720	2,700	2,690	2,675	2,663
F7F-1 Direct Man-Hours	97	150	200	300	355	384	440	500	532	564	630	686	726
JRF-5 Direct Man-Hours	107	90	90	90	103	103	115	115	127	127	127	127	127
J4F-2 Direct Man-Hours	35	58	58	58	45	45	33	33	21	21	21	21	21
All Other Direct Man-Hours	35	40	38	38	38	38	38	38	38	38	38	38	38
Total Direct Man-Hours	3,221	3,156	3,175	3,246	3,296	3,320	3,366	3,416	3,438	3,450	3,506	3,547	3,575
Aver. Hrs. per Direct Worker in Month	204	201	203	207	210	212	215	218	220	220	224	227	228
Direct Workers	15,781	15,672	15,661	15,671	15,677	15,690	15,670	15,650	15,650	15,650	15,650	15,650	15,650
Total Employees	24,096	23,746	23,550	23,390	23,225	23,075	22,950	22,850	22,850	22,850	22,850	22,850	22,850
F6F-3 Direct Man-Hours	3,026	2,900	2,850	2,810	2,790	2,770	2,725	2,690	2,650	2,620	2,580	2,540	2,500
F7F-1 Direct Man-Hours	133	190	235	305	350	395	425	476	524	575	635	675	715
JRF-5 Direct Man-Hours	108	95	95	105	105	115	115	128	128	128	128	128	128
J4F-2 Direct Man-Hours	42	53	53	42	42	30	30	20	20	20	20	20	20
All Other Direct Man-Hours	47	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	3,356	3,278	3,273	3,302	3,327	3,350	3,335	3,354	3,362	3,383	3,403	3,403	3,403
Aver. Hrs. per Direct Worker in Month	218	216	216	220	224	228	229	230	230	230	231	231	231
Direct Workers	15,398	15,181	15,175	14,974	14,816	14,693	14,524	14,580	14,595	14,700	14,700	14,700	14,700
Total Employees	23,540	23,003	22,650	22,350	21,950	21,450	21,050	21,000	21,000	21,000	21,000	21,000	21,000

TABLE 9. LABOR REQUIREMENTS - REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

GRUMMAN, BETHPAGE (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
F-6F Direct Man-Hours	2,596	2,570	2,540	2,420	2,430	2,380	2,360	2,340	2,320	2,310	2,305	2,300
JRF Direct Man-Hours	143	200	290	340	390	425	475	525	575	625	675	715	745
F-7F Direct Man-Hours	66	90	110	120	110	110	115	115	115	115	115	115	115
J-4F Direct Man-Hours	40	15	40	40	30	30	20	20	20	20	20	20	20
F-7F Direct Man-Hours	48	50	50	50	50	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	2,893	2,915	2,880	2,980	3,000	3,010	3,035	3,065	3,095	3,135	3,165	3,200	3,225
Total Direct Man-Hours	193	198	206	207	211	213	215	217	219	219	224	227	229
Aver. Hrs. per Direct Worker in Month	14,972	14,674	14,162	14,314	14,218	14,120	14,116	14,124	14,132	14,315	14,129	14,070	14,070
Direct Workers	22,980	22,576	22,250	21,990	21,450	21,050	21,000	21,000	21,000	21,000	21,000	21,000	21,000
Total Employees													
	MAY												
F-6F Direct Man-Hours	2,606	2,387	2,254	2,122	2,130	2,120	2,134	2,170	2,077	2,073	2,068	2,063	2,061
JRF Direct Man-Hours	95	100	100	110	110	118	118	118	118	118	118	125	130
F-7F Direct Man-Hours	192	290	340	390	425	475	525	575	635	675	715	745	740
J-4F Direct Man-Hours	45	40	40	30	30	25	25	25	22	—	—	—	—
All Other Direct Man-Hours	51	50	50	50	50	50	50	50	50	50	50	50	50
Total Direct Man-Hours	2,989	2,867	2,784	2,702	2,745	2,788	2,852	2,938	2,902	2,916	2,951	2,983	2,981
Aver. Hrs. per Direct Worker in Month	221	214	213	207	209	207	214	221	218	219	222	224	224
Net Direct Employment	13,504	13,354	13,060	12,998	13,132	13,433	13,266	13,266	13,266	13,266	13,266	13,266	13,266
Total Net Employment	20,890	20,388	19,800	19,400	19,600	20,050	19,800	19,800	19,800	19,800	19,800	19,800	19,800
	JUNE												
F-6F Direct Man-Hours	2,341	2,220	2,070	2,084	2,072	2,110	2,145	2,060	2,055	2,051	2,046	2,042	2,038
JRF Direct Man-Hours	86	88	103	103	115	115	115	115	115	115	123	131	131
F-7F Direct Man-Hours	40	40	36	36	36	30	27	24	—	—	—	—	—
J-4F Direct Man-Hours	227	286	326	371	421	464	512	572	615	660	691	692	689
F-7F Direct Man-Hours	61	61	61	61	61	61	61	61	61	61	61	61	61
All Other Direct Man-Hours	2,755	2,695	2,596	2,655	2,705	2,780	2,860	2,832	2,846	2,887	2,921	2,926	2,919
Total Direct Man-Hours	209	207	200	202	201	209	215	213	214	217	220	220	220
Aver. Hrs. per Direct Worker in Month	13,182	13,000	12,940	13,120	13,410	13,266	13,266	13,266	13,266	13,266	13,266	13,266	13,266
Direct Workers	20,365	19,800	19,400	19,600	20,050	19,800	19,800	19,800	19,800	19,800	19,800	19,800	19,800
Total Employees													
	JULY												
F-6F Direct Man-Hours	1,733	1,830	1,850	1,845	1,875	1,905	1,830	1,822	1,818	1,809	1,798	1,790	1,785
JRF Direct Man-Hours	64	106	106	122	122	122	122	122	122	130	141	138	138
J-4F Direct Man-Hours	29	41	41	41	34	31	31	—	—	—	—	—	—
F-7F Direct Man-Hours	209	304	369	420	466	515	577	624	665	690	680	670	660
XF-8F Direct Man-Hours	25	54	65	70	75	85	100	152	425	555	670	585	440
All Other Direct Man-Hours	8	8	8	14	16	18	18	18	18	18	18	18	18
Total Direct Man-Hours	2,068	2,343	2,439	2,512	2,588	2,676	2,678	2,738	3,048	3,202	3,307	3,201	3,041
Aver. Hrs. per Direct Worker in Month	163	185	186	187	190	197	197	201	224	232	239	232	220
Net Direct Employment	12,662	12,675	13,130	13,422	13,596	13,596	13,596	13,596	13,596	13,810	13,810	13,810	13,810
Total Net Employment	19,468	19,500	20,200	20,650	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600
	AUG.												
F-6F Direct Man-Hours	2,265	1,955	1,950	1,980	2,012	1,945	1,935	1,920	1,910	1,895	1,885	1,875	1,865
JRF Direct Man-Hours	96	95	105	105	105	105	105	105	115	125	125	125	125
J-4F Direct Man-Hours	35	37	37	34	29	29	—	—	—	—	—	—	—
F-7F Direct Man-Hours	335	395	442	485	525	583	630	665	690	680	670	660	655
XF-8F Direct Man-Hours	55	65	70	75	85	100	154	425	560	630	585	440	420
All Other Direct Man-Hours	9	10	14	16	18	18	18	18	18	18	18	18	18
Total Direct Man-Hours	2,795	2,557	2,618	2,695	2,774	2,780	2,842	3,133	3,293	3,348	3,283	3,118	3,083
Aver. Hrs. per Direct Worker in Month	235	197	197	202	208	208	213	228	237	240	236	225	223
Net Direct Employment	11,889	12,980	13,289	13,341	13,336	13,365	13 343	13.741	13,895	13,950	13,911	13,858	13,825
Total Net Employment	18,869	19,963	20,450	20,516	20,511	20,540	20,518	20,506	20,505	20,500	20,511	20,558	20,525
	SEPT.												
F-6F Direct Man-Hours	1,947	1,920	1,940	1 980	1,920	1,915	1,905	1,900	1,890	1,880	1,870	1,860	1,855
JRF Direct Man-Hours	89	100	100	100	100	100	105	110	120	120	120	120	120
J-4F Direct Man-Hours	32	33	33	28	28	—	—	—	—	—	—	—	—
F-7F Direct Man-Hours	315	138	188	325	584	631	670	690	680	670	660	655	650
XF-8F Direct Man-Hours	41	50	60	65	70	124	358	493	590	566	465	440	420
All Other Direct Man-Hours	6	6	12	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,430	2 550	2,633	2,713	2,717	2,785	3,053	3,208	3,295	3,251	3,130	3,090	3,060
Aver. Hrs. per Direct Worker in Month	200	202	204	208	207	210	222	230	235	234	226	224	222
Net Direct Employment	12,109	12,648	12 875	13,009	13,112	13,216	13,700	13,990	13,980	13,900	13,800	13,800	13,800
Total Net Employees	19,578	20 300	20,590	20,650	20,650	20,650	20,650	20,650	20 650	20,650	20,650	20,650	20,650
	OCT.												
F-6F Direct Man-Hours	2,245	2,150	2,069	1,951	1,944	1,833	1,708	1,599	1,399	1,231	1,031	872	716
F-7F Direct Man-Hours	357	373	430	550	585	565	540	550	560	540	479	440	420
F-8F Direct Man-Hours	46	50	65	70	135	470	730	870	990	1,238	1,410	1,638	1,830
JRF Direct Man-Hours	100	100	100	100	100	105	110	120	120	120	120	120	120

GRUMMAN, BETHPAGE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 OCT.												
J-4F Direct Man-Hours	28	31	31	28	8	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	9	12	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,786	2,726	2,710	2,714	2,787	2,988	3,103	3,145	3,075	3,041	3,046	3,082	3,101
Aver. Hrs. per Direct Worker in Month	213	202	198	195	200	213	219	226	234	238	238	226	218
Net Direct Employment	13,082	13,495	13,687	13,918	13,935	14,028	14,169	13,916	13,812	13,797	13,803	13,637	14,225
Total Net Employment	20,633	21,050	21,350	21,750	21,750	21,750	21,750	21,200	20,800	20,800	20,800	20,800	21,700
	NOV.												
F-6F Direct Man-Hours	2,203	2,070	1,960	1,940	1,840	1,710	1,580	1,380	1,210	1,030	870	730	190
F-7F Direct Man-Hours	380	450	555	590	570	545	550	560	540	470	440	195	505
F-8F Direct Man-Hours	65	75	80	155	470	720	870	990	1,235	1,410	1,635	830	2,000
JRF Direct Man-Hours	101	75	74	58	46	44	42	42	42	42	42	42	42
J-4F Direct Man-Hours	26	31	33	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	10	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,785	2,716	2,717	2,768	2,941	3,034	3,057	2,987	3,042	2,967	3,002	3,112	2,752
Aver. Hrs. per Direct Worker in Month	206	198	197	198	211	216	221	224	230	224	219	219	193
Net Direct Employment	13,551	13,696	13,818	13,946	13,946	14,055	13,845	13,362	13,231	13,231	13,690	14,214	14,272
Total Net Employment	21,195	21,400	21,590	21,790	21,790	21,790	21,300	20,400	20,200	20,200	20,900	21,700	21,790
	DEC.												
F-6F Direct Man-Hours	2,051	1,970	1,950	1,855	1,720	1,590	1,380	1,210	1,030	870	730	190	50
F-7F Direct Man-Hours	383	565	595	570	550	560	565	550	480	450	505	560	570
F-8F Direct Man-Hours	95	110	155	475	730	870	990	1,235	1,415	1,635	1,830	2,225	2,460
JRF Direct Man-Hours	93	74	58	46	44	42	42	42	42	42	42	42	42
J-4F Direct Man-Hours	27	42	10	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	10	12	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,659	2,773	2,783	2,961	3,059	3,077	2,992	3,052	2,982	3,012	3,122	3,032	3,137
Aver. Hrs. per Direct Worker in Month	194	198	199	212	218	222	224	231	225	220	220	212	220
Net Direct Employment	13,703	14,005	13,946	13,946	14,055	13,845	13,362	13,231	13,231	13,690	14,214	14,272	14,272
Total Net Employment	21,400	21,777	21,790	21,790	21,790	21,300	20,400	20,200	20,200	20,900	21,700	21,790	21,790
	1945 JAN.												
F-6F Direct Man-Hours	2,097	1,960	2,010	1,885	1,760	1,640	1,490	1,330	1,210	1,030	865	560	270
F-7F Direct Man-Hours	444	405	365	395	410	440	450	495	510	528	547	582	614
F-8F Direct Man-Hours	136	150	215	630	745	910	1,100	1,295	1,470	1,670	1,825	2 165	2,380
JRF Direct Man-Hours	85	63	46	44	42	42	42	42	42	42	42	42	42
J-4F Direct Man-Hours	43	40	39	39	39	31	13	—	—	—	—	—	—
All Other Direct Man-Hours	17	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,822	2,633	2,690	3,008	3,011	3,078	3,110	3,177	3,247	3,285	3,294	3,364	3,321
Aver. Hrs. per Direct Worker in Month	206	189	191	210	212	224	229	234	231	226	225	230	227
Net Direct Employment	13,696	13,882	14,074	14,266	14,144	13,696	13,368	13,568	14,016	14 528	14,586	14,586	14,586
Total Net Employment	21,469	21,690	21,990	22,290	22,100	21,400	21,200	21,200	21,900	22,700	22,790	22,790	22,790
	FEB.												
F-6F Direct Man-Hours	1,890	1,870	1,830	1,825	1,770	1,770	1,590	1,475	1,380	1,200	710	—	—
F-7F Direct Man-Hours	443	335	300	210	183	166	166	183	190	200	220	234	248
F-8F Direct Man-Hours	187	414	725	860	1,020	1,165	1,305	1,470	1,670	1,850	2,200	2,345	2,255
JRF Direct Man-Hours	61	46	44	38	38	38	38	38	38	38	38	38	38
J-4F Direct Man Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
G-44 (J-4F Comm.) Direct Man-Hours	51	57	42	37	32	22	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	15	15	15	15	15	15	15	15	15	15	15	15
Total Direct Man-Hours	2,652	2,737	2,956	2,985	3,058	3,106	3,114	3,181	3,293	3,303	3,183	2,632	2,556
Aver. Hrs. per Direct Worker in Month	192	195	207	212	226	229	229	227	227	226	218	180	175
Net Direct Employment	13,787	14,036	14,280	14,080	13,531	13,563	13,598	14,013	14,507	14,615	14,601	14,622	14,606
Total Net Employment	21,747	21,990	22,290	22,100	21,400	21,200	21,200	21,900	22 700	22 790	22,790	22,790	22,790
	MAR.												
F-6F Direct Man-Hours	2,072	1,795	1,795	1,735	1,670	1,560	1,455	1,360	1,200	660	50	50	—
F-7F Direct Man-Hours	509	440	340	315	300	295	300	305	338	350	370	385	395
F-8F Direct Man-Hours	260	482	725	830	950	1 125	1,215	1,416	1,615	1,846	2 180	2,245	2,260
JRF Direct Man-Hours	70	48	39	39	39	39	39	39	39	39	39	39	39
J-4F Direct Man-Hours	54	42	37	32	22	—	—	—	—	—	—	—	—
G-44A (J-4F Comm.) Direct Man-Hours	18	17	17	17	17	17	17	17	17	17	17	17	17
All Other Direct Man-Hours	2,983	2,824	2,953	2,968	2,998	3,030	3,026	3,137	3,209	2,912	2,656	2,736	2,711
Total Direct Man-Hours	217	204	212	219	220	224	216	216	220	200	185	191	189
Aver. Hrs. per Direct Worker in Month	13,684	13,810	13,952	13,568	13,627	13,568	14,016	14,528	14,586	14,586	14,358	14,358	14,358
Net Direct Employment	21,720	21,940	21,800	21,200	21,200	21,200	21,900	22,700	22 790	22,790	22,790	22,790	22,790
Total Net Employment													
	APR.												
F-6F Direct Man-Hours	1,873	1,785	1,730	1,660	1,560	1,455	1,360	1,150	670	—	—	—	—
F-7F Direct Man-Hours	392	330	300	285	280	285	290	328	340	365	385	395	400
F-8F Direct Man-Hours	300	717	820	930	1,090	1,200	1,410	1,610	1,845	2,180	2,240	2,260	2,270

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

[illegible] AIRFRAME (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 APR.												
[illegible] Direct Man Hours	60	40	40	40	40	40	40	40	40	40	40	40	40
G-44 (J-4F Comm.) Direct Man-Hours	37	35	35	30	—	—	—	—	—	—	—	—	—
[illegible] Direct Man-Hours	29	30	30	30	30	30	30	30	30	30	30	30	30
[illegible] Direct Man-Hours	2,901	2,937	2,955	2,970	3,010	3,130	3,138	2,925	2,615	2,695	2,725	2,740	2,740
[illegible] per Direct Worker in Month	201	219	228	228	222	224	225	208	186	192	194	196	196
Net Direct Employment	13,368	13,356	12,978	13,041	13,167	13,545	13,938	14,042	14,042	14,042	14,042	13,955	13,955
[illegible] Net Employment	21,927	21,200	20,600	20,700	20,900	21,500	22,200	22,290	22,290	22,290	22,290	22,150	22,150
	MAY												
F-6F Direct Man Hours	1,895	1,750	1,660	1,570	1,455	1,370	1,160	710	—	—	—	—	—
F-7F Direct Man Hours	330	280	280	275	280	280	295	355	415	465	535	600	620
F-8F Direct Man Hours	423	890	990	1,130	1,215	1,420	1,620	1,855	2,210	2,290	2,305	2,300	2,295
JRF Direct Man Hours	61	48	48	46	43	43	43	43	43	43	43	43	43
G-44 (J-4F Comm.) Direct Man-Hours	29	32	20	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	34	35	35	35	35	35	35	35	35	35	35	35	35
Total Direct Man-Hours	2,772	3,035	3,033	3,056	3,028	3,148	3,153	2,998	2,703	2,833	2,918	2,978	2,993
Aver. Hrs. per Direct Worker in Month	213	233	232	233	224	230	230	219	197	207	213	218	220
Net Direct Employment	13,017	13,041	13,100	13,125	13,470	13,700	13,700	13,700	13,700	13,700	13,700	13,700	13,610
Total Net Employment	20,900	20,700	20,500	20,800	21,200	21,700	21,700	21,700	21,700	21,700	21,700	21,650	21,550
	JUNE												
F-6F Direct Man Hours	1,584	1,370	1,410	1,420	1,320	1,200	650	450	—	—	—	—	—
F-7F Direct Man-Hours	231	275	270	275	275	290	350	405	460	530	590	610	620
F-8F Direct Man-Hours	512	780	880	990	1,175	1,380	1,585	1,825	2,130	2,185	2,200	2,195	2,190
JRF Direct Man Hours	57	63	63	63	53	43	43	43	43	43	43	43	43
G-44 (J-4F Comm.) Direct Man-Hours	10	5	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	37	37	37	37	37	37	37	37	37	37	37	37	37
Total Direct Man-Hours	2,431	2,530	2,660	2,785	2,860	2,950	2,665	2,760	2,670	2,795	2,870	2,885	2,890
Aver Hrs per Direct Worker in Month	196	210	217	220	221	228	205	213	206	216	222	224	231
Net Direct Employment	12,389	12,028	12,250	12,625	12,938	12,938	12,938	12,938	12,938	12,938	12,906	12,844	12,500
Total Net Employment	20,076	19,400	19,600	20,200	20,700	20,700	20,700	20,700	20,700	20,700	20,650	20,550	20,000

HIGGINS, NEW ORLEANS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 APR.												
C-76 Direct Man-Hours	—	—	187	458	710	1,149	1,503	2,048	3,110	3,578	3,838	4,306	4,306
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	187	458	710	1,149	1,503	2,048	3,110	3,578	3,838	4,306	4,306
Aver. Hrs. per Direct Worker in Month	—	—	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	—	—	900	2,203	3,414	5,525	7,226	9,844	14,952	17,202	18,452	20,702	20,702
Total Employees	189	554	1,465	2,793	4,030	6,167	7,919	10,665	15,902	18,331	19,786	22,242	23,269
	MAY												
C-76 Direct Man-Hours	—	51	122	189	306	364	422	719	1,015	1,206	1,799	2,499	2,499
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	51	122	189	306	364	422	719	1,015	1,206	1,799	2,499	2,499
Aver. Hrs. per Direct Worker in Month	—	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	—	257	620	959	1,553	1,849	2,143	3,648	5,152	6,120	9,132	12,686	12,686
Total Employees	433	1,157	1,570	1,999	2,683	3,184	3,578	5,188	6,952	8,170	11,692	15,246	15,246
	JUNE												
C-76 Direct Man-Hours	—	60	120	360	432	518	778	1,188	1,458	2,160	3,000	2,970	2,916
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	60	120	360	432	518	778	1,188	1,458	2,160	3,000	2,970	2,916
Aver. Hrs. per Direct Worker in Month	—	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	—	305	609	1,827	2,193	2,629	3,949	6,030	7,400	10,964	15,228	15,076	14,802
Total Employees	742	1,205	1,559	2,867	3,323	3,964	5,384	7,570	9,200	13,014	17,788	17,636	17,362
	JULY												
C-76 Direct Man-Hours	42	120	360	432	518	778	1,188	1,458	2,160	3,000	2,970	2,916	2,862
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	42	120	360	432	518	778	1,188	1,458	2,160	3,000	2,970	2,916	2,862
Aver. Hrs. per Direct Worker in Month	317	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	134	609	1,827	2,193	2,629	3,949	6,030	7,400	10,964	15,228	15,076	14,802	14,528
Total Employees	1,114	1,609	2,867	3,323	3,964	5,384	7,570	9,200	13,014	17,788	17,636	17,362	17,088
	AUG.												
C-46 Direct Man-Hours	67	70	75	90	85	90	95	100	150	200	450	900	1,150
All Other Direct Man-Hours	0	7	11	18	30	49	118	189	296	473	453	433	394
Total Direct Man-Hours	67	77	86	98	115	139	213	289	446	673	903	1,333	1,544
Aver. Hrs. per Direct Worker in Month	213	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	314	395	436	490	580	710	1,090	1,470	2,260	3,400	4,580	6,770	7,840
Total Employees	1,451	1,570	1,640	1,720	1,860	2,060	2,705	3,360	4,560	6,000	7,350	11,050	12,900

HIGGINS, NEW ORLEANS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
C-46 Direct Man Hours	89	106	118	126	129	132	134	150	300	450	900	1,150	1,400
All Other Direct Man-Hours	0	12	20	32	48	118	189	296	336	453	433	394	335
Total Direct Man-Hours	89	118	138	158	177	250	323	446	636	903	1,333	1,544	1,735
Aver. Hrs. per Direct Worker in Month	213	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	416	600	700	800	900	1,270	1,640	2,260	3,420	4,550	6,770	7,840	8,960
Total Employees	1,840	2,600	3,000	3,400	3,700	4,270	4,740	5,460	6,700	7,850	11,050	12,900	14,530
	OCT.												
C-46 Direct Man-Hours	122	130	135	140	145	150	155	160	173	199	325	453	596
All Other Direct Man-Hours	2	18	32	47	117	189	296	472	459	433	394	335	276
Total Direct Man-Hours	124	148	167	187	262	339	451	632	632	632	719	788	1,172
Aver. Hrs. per Direct Worker in Month	222	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	557	750	850	950	1,330	1,720	2,290	3,210	3,210	3,210	3,650	4,000	5,950
Total Employees	2,374	3,000	3,500	4,000	4,600	5,400	6,500	7,800	8,200	8,200	8,800	9,200	11,200
	NOV.												
C-46 Direct Man-Hours	111	135	140	145	150	160	175	348	406	650	1,103	1,540	1,872
All Other Direct Man-Hours	14	40	60	117	189	296	472	459	433	394	335	276	177
Total Direct Man-Hours	125	175	200	262	339	456	647	807	839	1,044	1,438	1,816	2,049
Aver. Hrs. per Direct Worker in Month	207	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	605	890	1,010	1,340	1,720	2,310	3,290	4,100	4,260	5,300	7,290	9,220	10,400
Total Employees	2,924	3,600	4,100	4,700	5,400	6,500	7,900	8,900	9,300	10,600	13,370	16,220	17,400
	DEC.												
C-46 Direct Man-Hours	111	140	145	150	160	175	348	406	650	1,103	1,540	1,872	2,179
All Other Direct Man-Hours	14	60	117	189	296	472	459	433	394	335	276	177	74
Total Direct Man-Hours	125	200	262	339	456	647	807	839	1,044	1,438	1,816	2,049	2,253
Aver. Hrs. per Direct Worker in Month	220	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	569	1,010	1,340	1,720	2,310	3,290	4,100	4,260	5,300	7,290	9,220	10,400	11,440
Total Employees	3,563	4,100	4,700	5,400	6,500	7,900	8,900	9,300	10,600	13,370	16,220	17,400	18,440
	1944 JAN.												
C-46 Direct Man-Hours	114	130	140	150	175	348	406	650	1,103	1,540	1,872	2,179	2,480
All Other Direct Man-Hours	18	30	70	132	225	363	430	396	352	324	304	290	184
Total Direct Man-Hours	132	160	210	282	400	711	836	1,046	1,455	1,864	2,176	2,469	2,664
Aver. Hrs. per Direct Worker in Month	225	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	586	810	1,060	1,430	2,030	3,610	4,240	5,310	7,380	9,460	11,040	12,530	13,520
Total Employees	3,982	4,300	4,800	5,600	6,600	8,410	9,280	10,610	13,460	16,460	18,040	19,530	20,520
	FEB.												
C-46 Direct Man-Hours	88	97	124	149	348	406	650	1,103	1,540	1,872	2,179	2,480	2,582
All Other Direct Man-Hours	34	70	132	225	363	430	396	352	324	304	290	184	42
Total Direct Man-Hours	122	167	256	374	711	836	1,046	1,455	1,864	2,176	2,469	2,664	2,624
Aver. Hrs. per Direct Worker in Month	198	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	617	850	1,300	1,900	3,610	4,240	5,310	7,380	9,460	11,040	12,530	13,520	13,320
Total Employees	4,641	5,100	5,700	6,470	8,410	9,280	10,610	13,460	16,460	18,040	19,530	20,520	20,320
	MAR.												
C-46 Direct Man-Hours	109	121	149	348	406	650	1,103	1,540	1,872	2,179	2,480	2,582	2,426
All Other Direct Man-Hours	43	132	225	363	430	396	352	324	304	290	184	42	—
Total Direct Man-Hours	152	256	374	711	836	1,046	1,455	1,864	2,176	2,469	2,664	2,624	2,426
Aver. Hrs. per Direct Worker in Month	234	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	650	1,300	1,900	3,610	4,240	5,310	7,380	9,460	11,040	12,530	13,520	13,320	12,310
Total Employees	4,812	5,700	6,470	8,410	9,280	10,610	13,460	16,460	18,040	19,530	20,520	20,320	19,310
	APR.												
C-46 Direct Man-Hours	105	149	384	406	650	1,103	1,540	1,872	2,179	2,480	2,582	2,426	2,237
All Other Direct Man-Hours	25	225	363	430	396	352	324	304	290	184	42	—	—
Total Direct Man-Hours	130	374	747	836	1,046	1,455	1,864	2,176	2,469	2,664	2,624	2,426	2,237
Aver. Hrs. per Direct Worker in Month	177	197	197	197	197	197	197	197	197	197	197	197	197
Direct Workers	736	1,900	3,610	4,240	5,310	7,380	9,460	11,040	12,530	13,520	13,320	12,310	11,350
Total Employees	5,071	6,470	8,410	9,280	10,610	13,460	16,460	18,040	19,530	20,520	20,320	19,310	18,350
	MAY												
C-46 Direct Man-Hours	134	235	271	364	490	641	895	1,146	1,485	1,665	1,990	2,064	2,115
All Other Direct Man-Hours	47	49	76	96	131	204	246	309	266	221	—	—	—
Total Direct Man-Hours	181	284	347	460	621	845	1,141	1,455	1,751	1,886	1,990	2,064	2,115
Aver. Hrs. per Direct Worker in Month	166	197	197	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	1,091	1,444	1,760	2,333	3,152	4,289	5,792	7,398	8,888	9,575	10,099	10,478	10,737
Total Net Employment	5,672	6,641	7,406	8,166	9,179	10,549	12,287	14,077	15,996	16,432	16,914	17,279	16,736

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

HIGGINS, NEW ORLEANS (Cont'd.)

ITEM	Report Month (Actual)	Forecast Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
C-46 Direct Man Hours	169	170	170	187	87	187	187	253	336	407	523	671	1,068
All Other Direct Man Hours	51	86	96	121	304	246	310	264	219	185	102	—	—
Total Direct Man Hours	220	256	266	308	391	433	497	517	555	592	625	671	1,068
Aver. Hrs. per Direct Worker in Month	169	197	197	197	197	197	197	197	197	197	197	197	197
Net Direct Employment	1,300	1,300	1,350	1,564	1,985	2,198	2,523	2,624	2,817	3,005	3,173	3,406	5,421
Total Net Employment	6,144	6,144	6,350	6,814	7,385	7,798	8,323	8,824	9,217	9,605	9,873	9,706	11,621
	JULY												
C-46 Direct Man Hours	191	35	12	6	3	—	—	—	—	—	—	—	—
All Other Direct Man Hours	65	141	224	309	391	433	433	315	99	—	—	—	—
Total Direct Man Hours	256	176	236	315	394	433	433	315	99	—	—	—	—
Aver. Hrs per Direct Worker in Month	205	197	197	197	197	197	197	197	197	—	—	—	—
Net Direct Employment	1,247	900	1,200	1,600	2,000	2,200	2,200	1,600	500	—	—	—	—
Total Net Employment	6,009	4,400	2,800	3,000	3,200	3,300	3,300	2,600	1,200	—	—	—	—
	AUG.												
C-46 Direct Man Hours	178	12	6	3	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	51	178	223	258	304	334	354	315	256	69	—	—	—
Total Direct Man Hours	229	190	229	261	304	334	354	315	256	69	—	—	—
Aver. Hrs. per Direct Worker in Month	228	197	197	197	197	197	197	197	197	197	—	—	—
Net Direct Employment	1,006	966	1,161	1,325	1,542	1,697	1,797	1,597	1,301	350	—	—	—
Total Net Employment	4,657	2,653	2,606	2,541	2,542	2,597	2,697	2,497	2,201	750	—	—	—
	SEPT.												
C-46 Direct Man Hours	23	6	3	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	107	223	258	304	334	354	315	256	69	—	—	—	—
Total Direct Man Hours	130	229	261	304	334	354	315	256	69	—	—	—	—
Aver. Hrs. per Direct Worker in Month	169	197	197	197	197	197	197	197	197	—	—	—	—
Net Direct Employment	767	1,161	1,362	1,542	1,697	1,797	1,301	1,301	350	—	—	—	—
Total Net Employment	2,547	2,606	2,578	2,542	2,597	2,697	2,201	2,201	750	—	—	—	—
	OCT.												
C-46 Direct Man-Hours	21	3	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	123	258	304	334	354	315	256	69	—	—	—	—	—
Total Direct Man Hours	144	261	304	334	354	315	256	69	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	187	197	197	197	197	197	197	197	—	—	—	—	—
Net Direct Employment	772	1,325	1,542	1,697	1,797	1,599	1,301	350	—	—	—	—	—
Total Net Employment	2,408	2,541	2,542	2,597	2,697	2,499	2,201	750	—	—	—	—	—
	NOV.												
C-46 Direct Man-Hours	15	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	152	304	334	354	315	256	69	—	—	—	—	—	—
Total Direct Man-Hours	167	304	334	354	315	256	69	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	190	197	197	197	197	197	197	—	—	—	—	—	—
Net Direct Employment	879	1,542	1,697	1,797	1,301	1,301	350	—	—	—	—	—	—
Total Net Employment	2,480	2,542	2,597	2,697	2,201	2,201	750	—	—	—	—	—	—
	DEC.[1]												
C-46 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	141	334	354	315	256	69	—	—	—	—	—	—	—
Total Direct Man-Hours	141	334	354	315	256	69	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	136	197	197	197	197	197	—	—	—	—	—	—	—
Net Direct Employment	1,039	1,697	1,797	1,301	1,301	350	—	—	—	—	—	—	—
Total Net Employment	2,618	2,597	2,697	2,201	2,201	750	—	—	—	—	—	—	—

HOWARD, CHICAGO

ITEM	Report Month (Actual)	Forecast Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
NH-1 Direct Man Hours	30	34	46	43	44	83	86	83	83	83	83	83	—
GH-2 Direct Man Hours	19	30	42	42	41	—	—	—	—	—	—	—	—
PT-23 Direct Man Hours	20	22	24	36	48	60	72	84	96	108	120	48	—
All Other Direct Man Hours	11	14	20	19	19	21	22	21	21	21	21	21	—
Total Direct Man Hours	80	100	132	140	152	164	180	188	200	212	224	152	—
Aver. Hrs. per Direct Worker in Month	188	189	206	208	208	208	216	208	208	208	208	208	—
Direct Workers	425	530	640	673	731	789	833	904	962	1,019	1,077	722	—
Total Employees	1,062	1,176	1,286	1,319	1,377	1,435	1,479	1,550	1,608	1,665	1,723	1,368	—
	FEB.												
NH-1 Direct Man-Hours	58	87	97	86	115	162	173	173	173	173	173	—	—
GH-2 Direct Man-Hours	1	1	18	59	58	18	—	—	—	—	—	—	—
PT-23 Direct Man-Hours	36	34	36	46	54	65	71	75	75	75	75	—	—
All Other Direct Man-Hours	13	20	19	19	21	21	21	21	21	21	21	—	—
Total Direct Man-Hours	98	142	170	210	248	266	265	269	269	269	269	—	—
Aver. Hrs. per Direct Worker in Month	208	216	208	208	208	216	208	208	208	208	208	—	—
Direct Workers	470	655	819	1,008	1,192	1,232	1,272	1,292	1,292	1,292	1,292	—	—
Total Employees	1,145	1,320	1,484	1,723	1,907	1,947	1,987	2,007	2,007	2,007	2,007	—	—
	MAR.												
NH-1 Direct Man-Hours	79	95	100	94	90	85	155	173	173	173	—	—	—
GH-2 Direct Man-Hours	—	—	—	19	59	59	18	—	—	—	—	—	—
PT-23 Direct Man-Hours	33	36	46	54	65	71	75	75	75	75	—	—	—
All Other Direct Man-Hours	11	19	19	21	21	21	21	21	21	21	—	—	—
Total Direct Man-Hours	123	150	165	188	235	236	269	269	269	269	—	—	—
Aver. Hrs. per Direct Worker in Month	220	208	208	208	216	208	208	208	208	208	—	—	—
Direct Workers	560	725	792	905	1,088	1,128	1,292	1,292	1,292	1,292	—	—	—
Total Employees	1,375	1,584	1,676	1,788	1,972	2,012	2,176	2,176	2,176	2,176	—	—	—
	APR.												
NH-1 Direct Man-Hours	71	100	94	90	84	155	173	173	173	—	—	—	—
GH-2 Direct Man-Hours	1	—	19	59	59	18	—	—	—	—	—	—	—
PT-23 Direct Man-Hours	34	46	54	65	71	75	75	75	75	—	—	—	—
All Other Direct Man-Hours	20	19	21	21	21	21	21	21	21	—	—	—	—
Total Direct Man-Hours	126	165	188	235	235	269	269	269	269	—	—	—	—
Aver. Hrs. per Direct Worker in Month	205	208	208	216	208	208	208	208	208	—	—	—	—
Direct Workers	614	792	904	1,088	1,128	1,292	1,292	1,292	1,292	—	—	—	—
Total Employees	1,442	1,676	1,788	1,972	2,012	2,176	2,176	2,176	2,176	—	—	—	—
	MAY												
NH-1 Direct Man-Hours	81	95	117	125	140	159	197	235	242	200	85	—	—
GH-2 Direct Man-Hours	1	5	14	25	38	23	2	—	—	—	—	—	—
PT-23 Direct Man-Hours	59	59	60	58	54	40	24	18	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	141	159	191	208	232	222	223	253	242	200	85	—	—
Aver. Hrs. per Direct Worker in Month	192	200	200	200	200	200	200	200	200	200	200	—	—
Direct Workers	731	794	956	1,042	1,160	1,112	1,116	1,264	1,211	998	426	—	—
Total Employees	1,541	1,609	1,786	1,877	2,005	1,957	1,961	2,114	2,061	1,828	1,256	—	—
	JUNE												
NH-1 Direct Man-Hours	90	106	127	127	148	169	191	191	191	191	191	191	191
GH-2 Direct Man-Hours	—	18	29	55	73	91	91	91	91	91	91	91	91
PT-23 Direct Man-Hours	90	51	53	64	73	73	73	73	73	73	73	55	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	180	175	209	246	294	333	355	355	355	355	355	337	282
Aver. Hrs. per Direct Worker in Month	200	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	902	876	1,044	1,227	1,470	1,666	1,773	1,773	1,773	1,773	1,773	1,685	1,407
Total Employees	1,605	1,676	1,844	2,027	2,290	2,506	2,613	2,613	2,613	2,613	2,613	2,525	1,907
	JULY												
NH-1 Direct Man-Hours	106	127	127	148	169	191	191	191	191	191	191	191	191
GH-2 Direct Man-Hours	11	29	73	73	73	91	91	91	19	91	91	91	91
PT-23 Direct Man-Hours	58	63	77	88	88	88	88	88	88	88	61	—	—
All Other Direct Man-Hours	5	26	30	37	40	47	47	47	47	47	47	47	47
Total Direct Man-Hours	180	245	307	346	370	417	417	417	417	417	390	329	329
Aver. Hrs. per Direct Worker in Month	200	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	900	1,225	1,537	1,729	1,852	2,083	2,083	2,083	2,083	2,083	1,951	1,644	1,644
Total Employees	1,699	2,025	2,357	2,569	2,702	2,553	2,958	2,958	2,958	2,958	2,791	2,244	2,244
	AUG.												
NH-1 Direct Man-Hours	127	127	148	170	191	191	191	191	191	191	191	191	148
GH-2 Direct Man-Hours	4	29	54	73	91	91	91	91	91	91	91	91	91
PT-23 Direct Man-Hours	65	79	90	90	90	90	90	90	90	56	—	—	—
All Other Direct Man-Hours	3	39	51	60	70	70	70	70	70	70	70	70	60
Total Direct Man-Hours	199	274	343	393	442	442	442	442	442	408	352	352	299
Aver. Hrs. per Direct Worker in Month	200	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	947	1,372	1,717	1,963	2,209	2,209	2,209	2,209	2,209	2,038	1,759	1,759	1,494
Total Employees	1,809	2,357	2,569	2,702	2,908	2,908	2,908	2,908	2,908	2,791	2,244	2,244	1,898
	SEPT.												
NH-1 Direct Man-Hours	98	113	127	141	141	141	141	141	141	141	141	110	70
GH-2 Direct Man-Hours	3	45	58	71	69	67	67	67	67	68	68	67	67
PT-23 Direct Man-Hours	78	87	86	85	85	85	85	85	52	—	—	—	—
All Other Direct Man-Hours	5	9	12	15	19	22	26	30	32	33	33	33	33
Total Direct Man-Hours	184	254	283	312	314	315	319	323	294	242	242	210	179

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

HOWARD, CHICAGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
Aver. Hrs. per Direct Worker in Month	176	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	1,031	1,768	1,416	1,563	1,572	1,580	1,598	1,616	1,472	1,209	1,209	1,052	895
Total Employees	2,059	2,328	2,196	2,663	2,692	2,720	2,758	2,796	2,652	2,309	2,309	2,102	1,795
	OCT.												
NH-1 Direct Man Hours	96	95	94	94	94	94	94	94	94	94	94	94	—
GH-2 Direct Man Hours	33	44	57	69	67	68	67	67	67	67	67	67	—
PT-23 & PT-19 Direct Man-Hours	31	80	80	80	80	80	80	50	—	—	—	—	—
All Other Direct Man Hours	6	8	12	15	19	22	26	29	—	—	—	—	—
Total Direct Man-Hours	216	227	243	258	260	264	267	240	161	161	161	111	67
Aver. Hrs. per Direct Worker in Month	186	200	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	1,163	1,175	1,215	1,293	1,303	1,320	1,338	1,203	808	808	808	556	337
Total Employees	2,221	2,265	2,315	2,413	2,443	2,480	2,518	2,383	1,908	1,908	1,858	1,456	1,137
	NOV.												
NH-1 Direct Man-Hours	89	94	94	94	94	94	94	94	94	94	94	—	—
GH-2 Direct Man-Hours	44	58	72	70	70	70	70	70	70	70	70	70	70
PT-23 Direct Man-Hours	55	48	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	15	15	19	22	26	29	33	—	—	—	—	—	—
Total Direct Man-Hours	203	215	185	186	190	193	197	164	164	164	164	70	70
Aver. Hrs. per Direct Worker in Month	157	195	195	195	195	195	195	195	195	195	195	195	195
Direct Worker	1,295	1,106	945	956	975	993	1,011	842	842	842	842	358	358
Total Employees	2,352	2,096	1,895	1,881	1,875	1,883	1,891	1,712	1,702	1,692	1,667	1,183	1,153
	DEC.												
NH-1 Direct Man-Hours	86	99	99	99	99	98	98	98	98	33	—	—	—
GH-2 Direct Man-Hours	55	55	55	55	55	55	54	54	54	54	54	54	54
PT-23 Direct Man-Hours	19	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	14	56	70	70	70	70	70	72	75	90	110	100	90
Total Direct Man-Hours	174	210	224	224	224	223	222	224	227	177	164	154	144
Aver. Hrs. per Direct Worker in Month	155	195	204	200	191	185	183	183	185	197	193	197	192
Direct Workers	1,124	1,081	1,100	1,120	1,170	1,205	1,215	1,230	1,230	900	850	780	750
Total Employees	2,205	2,035	2,050	2,060	2,100	2,125	2,135	2,130	2,120	1,760	1,450	1,330	1,275
	1944 JAN.												
NH-1 Direct Man-Hours	97	99	99	99	99	98	98	98	98	33	—	—	—
GH-2 Direct Man-Hours	46	55	55	55	55	54	54	54	54	54	54	54	—
All Other Direct Man-Hours	13	70	70	70	70	70	72	75	90	110	100	90	—
Total Direct Man-Hours	156	224	224	224	224	223	222	224	227	177	164	154	144
Aver. Hrs. per Direct Worker in Month	161	204	200	191	185	183	183	183	185	197	193	197	192
Direct Workers	966	1,100	1,120	1,170	1,205	1,215	1,230	1,230	900	850	780	750	—
Total Employees	1,960	1,800	1,800	1,800	1,700	1,700	1,700	1,400	1,300	800	800	800	—
	FEB.												
NH-1 Direct Man-Hours	78	99	99	98	98	98	98	33	—	—	—	—	—
GH-2 Direct Man-Hours	57	55	55	55	54	54	54	54	54	54	54	—	—
All Other Direct Man-Hours	45	39	38	38	38	38	38	22	14	14	14	—	—
Total Direct Man-Hours	180	193	192	191	190	190	190	109	68	68	68	—	—
Aver. Hrs. per Direct Worker in Month	200	213	212	211	211	210	260	172	173	173	173	—	—
Direct Workers	906	905	905	905	905	905	730	630	390	390	390	—	—
Total Employees	1,827	1,790	1,765	1,745	1,720	1,695	1,440	1,270	790	790	790	—	—
	MAR.												
NH-1 Direct Man-Hours	41	—	—	—	—	—	—	—	—	—	—	—	—
GH-2 Direct Man-Hours	58	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	33	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	132	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	203	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	647	350	350	250	175	100	—	—	—	—	—	—	—
Total Employees	1,375	885	820	675	560	450	—	—	—	—	—	—	—
	APR.[3]												
NH-1 Direct Man-Hours	11	—	—	—	—	—	—	—	—	—	—	—	—
GH-2 Direct Man-Hours	21	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	11	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	43	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	184	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	231	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	668	—	—	—	—	—	—	—	—	—	—	—	—

INTERSTATE, EL SEGUNDO

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
L-6 Direct Man-Hours	33	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	45	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	78	—	—	—	—	—	—	—	—	—	—	—	—
Aver.Hrs. per Direct Worker in Month	237	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	329	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	406	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
L-6 Direct Man-Hours	44	50	53	55	55	55	55	55	55	55	55	30	—
XTDR Direct Man-Hours	—	10	—	—	—	—	—	—	—	—	—	—	—
XTD-2R-1 Direct Man-Hours	—	32	32	34	16	—	—	—	—	—	—	—	—
XTD-3R-1 Direct Man-Hours	—	23	25	28	46	15	—	—	—	—	—	—	—
All Other Direct Man-Hours	41	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	85	115	110	117	117	70	55	55	55	55	55	30	—
Aver. Hrs. per Direct Worker in Month	185[3]	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	263	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	870	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
L-6 Direct Man-Hours	67	65	65	13	—	—	—	—	—	—	—	—	—
L-6A Direct Man-Hours	—	—	—	45	65	70	70	70	70	70	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	67	65	65	58	65	70	70	70	70	70	—	—	—
Aver. Hrs. per Direct Worker in Month	208	208	208	208	208	208	208	208	208	208	—	—	—
Direct Workers	322	312	312	279	312	337	337	337	337	337	—	—	—
Total Employees	558	512	512	479	512	537	537	537	537	537	—	—	—
	APR.												
L-6 Direct Man-Hours	61	25	25	21	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	61	25	25	21	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	216	208	208	208	—	—	—	—	—	—	—	—	—
Direct Workers	281	120	120	100	—	—	—	—	—	—	—	—	—
Total Employees	483	220	220	175	—	—	—	—	—	—	—	—	—
	MAY												
L-6 Direct Man-Hours	31	28	19	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	31	28	19	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	186	185	185	—	—	—	—	—	—	—	—	—	—
Direct Workers	168	150	100	—	—	—	—	—	—	—	—	—	—
Total Employees	306	250	175	—	—	—	—	—	—	—	—	—	—
	JUNE												
L-6 Direct Man-Hours	24	19	13	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	24	19	13	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	162	185	185	—	—	—	—	—	—	—	—	—	—
Direct Workers	145	100	70	—	—	—	—	—	—	—	—	—	—
Total Employees	263	175	120	—	—	—	—	—	—	—	—	—	—
	JULY												
L-6 Direct Man-Hours	16	13	5	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	16	13	5	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	172	185	185	—	—	—	—	—	—	—	—	—	—
Direct Workers	98	70	27	—	—	—	—	—	—	—	—	—	—
Total Employees	180	120	52	—	—	—	—	—	—	—	—	—	—
	AUG.												
L-6 Direct Man-Hours	7	5	1	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	7	5	1	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	120	185	185	—	—	—	—	—	—	—	—	—	—
Direct Workers	57	27	6	—	—	—	—	—	—	—	—	—	—
Total Employees	86	38	11	—	—	—	—	—	—	—	—	—	—
	SEPT.												
L-6 Direct Man-Hours	3	1	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3	1	—	—	—	—	—	—	—	—	—	—	—

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN AVIATION, INC., INGLEWOOD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
Aver. Hrs. per Direct Worker in Month	192	185											
Direct Workers	17	6	—	—	—	—	—	—	—	—	—	—	—
Total Employees	21	10	—	—	—	—	—	—	—	—	—	—	—
	OCT.												
L-6 Direct Man Hours	756	350	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	756	350	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs per Direct Worker in Month	189	180	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	4	2	—	—	—	—	—	—	—	—	—	—	—
Total Employees	5	3	—	—	—	—	—	—	—	—	—	—	—

KELLETT AUTOGIRO CORP., PHILADELPHIA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
XO-60 Direct Man Hours	17	20	22	22	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	287	285	281	276	259	242	228	—	—	—	—	—	—
Total Direct Man Hours	304	305	303	298	269	242	228	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	195	197	198	195	176	158	150	—	—	—	—	—	—
Direct Workers	1,562	1,523	1,540	1,529	1,529	1,529	1,529	—	—	—	—	—	—
Total Employees	2,188	2,621	2,144	2,133	2,133	2,127	2,127	—	—	—	—	—	—
	FEB.												
XO-60 Direct Man-Hours	19	22	22	20	15	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	252	256	266	261	264	156	103	77	77	60	47	10	3
Total Direct Man-Hours	271	278	288	281	279	156	103	77	77	60	47	10	3
Aver. Hrs. per Direct Worker in Month	173	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	1,567	1,465	1,528	1,479	1,469	823	545	403	403	317	248	51	17
Total Employees	2,224	2,135	2,198	2,154	2,144	1,483	1,205	1,063	1,063	977	908	711	677
	MAR.												
XO-60 Direct Man-Hours	21	22	20	18	15	15	—	—	—	—	—	—	—
All Other Direct Man-Hours	257	266	259	264	234	216	189	189	173	160	122	101	41
Total Direct Man-Hours	278	288	279	282	249	231	189	189	173	160	122	101	41
Aver. Hrs. per Direct Worker in Month	174	190	190	190	190	190	190	190	190	190	190	190	190
Direct Workers	1,596	1,520	1,470	1,481	1,312	1,218	997	997	910	844	645	532	217
Total Employees	2,302	2,235	2,185	2,196	2,027	1,928	1,707	1,707	1,620	1,554	1,355	1,242	927
	APR.												
XO-60 Direct Man-Hours	16	22	20	18	15	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	290	287	270	254	269	236	252	239	243	236	183	147	116
Total Direct Man-Hours	306	309	290	272	284	236	252	239	243	236	183	147	116
Aver. Hrs. per Direct Worker in Month	186	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	1,646	1,548	1,480	1,395	1,452	1,212	1,294	1,226	1,245	1,209	942	751	595
Total Employees	2,399	2,301	2,233	2,148	2,205	1,965	2,047	1,979	1,998	1,962	1,695	1,504	1,348
	MAY												
XO-60 Direct Man Hours	13	18	15	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	278	270	254	269	245	252	239	243	236	183	147	116	116
Total Direct Man-Hours	291	288	269	279	245	252	239	243	236	183	147	116	116
Aver. Hrs. per Direct Worker in Month	181	181	181	181	181	181	181	181	181	181	181	181	181
Direct Workers	1,611	1,591	1,486	1,541	1,353	1,392	1,320	1,342	1,303	1,011	812	640	640
Total Employees	2,382	2,362	2,257	2,312	2,124	2,163	2,091	2,113	2,074	1,782	1,583	1,411	1,411
	JUNE												
YO-60+XO-60 Direct Man-Hours	20	18	15	10	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	277	296	296	306	309	256	228	222	251	249	150	115	115
Total Direct Man Hours	297	314	311	316	309	256	228	222	251	249	150	115	115
Aver Hrs per Direct Worker in Month	188	192	185	185	185	185	185	178	192	178	192	185	185
Direct Workers	1,581	1,036	1,681	1,710	1,670	1,384	1,233	1,201	1,420	1,298	843	598	620
Total Employees	2,401	2,456	2,501	2,530	2,490	2,204	2,053	2,021	2,240	2,118	1,663	1,418	1,440
	JULY												
YO-60+XO-60 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	—	—	—	—	—	—	—	—	—	—	—	—	—

KELLETT AUTOGIRO CORP., PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
YO-60 and XO-60 Direct Man-Hours	19	14	7	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	271	280	267	262	275	269	210	170	100	71	71	71	11
Total Direct Man-Hours	290	294	274	262	275	269	210	170	100	71	71	71	11
Aver. Hrs. per Direct Worker in Month	163	185	185	185	185	185	178	185	178	185	185	185	185
Direct Workers	1,781	1,590	1,480	1,418	1,485	1,453	1,180	918	562	384	384	384	60
Total Employees	2,657	2,466	2,356	2,294	2,361	2,329	2,056	1,794	1,438	1,260	1,260	1,260	936
	SEPT.												
YO-60+XO-60 Direct Man-Hours	19	9	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	283	267	262	275	269	210	170	100	71	71	71	11	6
Total Direct Man-Hours	302	276	262	275	269	210	170	100	71	71	71	11	6
Aver. Hrs. per Direct Worker in Month	161	175	175	175	175	175	175	175	175	175	175	175	175
Direct Workers	1,879	1,580	1,495	1,570	1,538	1,200	970	570	406	406	406	63	34
Total Employees	2,765	2,466	2,381	2,456	2,424	2,086	1,856	1,456	1,292	1,292	1,292	949	920
	OCT.												
YO-60+XO-60 Direct Man-Hours	18	3	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	303	248	252	246	218	222	183	169	103	91	48	25	11
Total Direct Man-Hours	321	251	252	246	218	222	183	169	103	91	48	25	11
Aver. Hrs. per Direct Worker in Month	173	185	185	185	178	185	178	185	185	185	181	185	183
Direct Workers	1,853	1,350	1,360	1,330	1,225	1,200	1,030	915	560	490	259	135	60
Total Employees	2,754	2,251	2,261	2,231	2,126	2,101	1,931	1,816	1,461	1,391	1,160	1,036	961
	NOV.												
YO-60+XO-60 Direct Man-Hours	3	3	3	—	—	—	—	—	—	—	—	—	—
XR-8 Direct Man-Hours	20	21	20	20	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	521	499	502	477	469	475	504	385	348	295	265	196	104
Total Direct Man-Hours	544	523	525	497	469	475	504	385	348	295	265	196	104
Aver. Hrs. per Direct Worker in Month	198	193	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	1,792[3]	1,802[3]	1,658[3]	1,568[3]	1,554[3]	1,612[3]	1,754[3]	1,220[3]	1,123[3]	1,030[3]	1,010[3]	744[3]	346[3]
Total Employees	2,739	2,711	2,568	2,443	2,402	2,438	2,580	1,972	1,785	1,512	1,360	1,001	534
	DEC.												
YO-60 and XO-60 Direct Man-Hours	3	3	—	—	—	—	—	—	—	—	—	—	—
XR-8 Direct Man-Hours	21	21	20	21	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	499	502	497	469	475	504	385	348	295	265	196	104	58
Total Direct Man-Hours	523	526	517	490	475	504	385	348	295	265	196	104	58
Aver. Hrs. per Direct Worker in Month	290	195	195	195	195	195	195	195	195	195	195	195	195
Direct Workers	1,802	1,668[3]	1,568[3]	1,554[3]	1,612[3]	1,754[3]	1,220[3]	1,123[3]	1,030[3]	1,010[3]	744[3]	346[3]	185[3]
Total Employees	2,711	2,568	2,443	2,402	2,438	2,580	1,972	1,785	1,512	1,360	1,001	534	297
	1944 JAN.												
YO-60 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
XR-8 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	—	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	—	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
YO-60 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
XR-8 Direct Man-Hours	11	11	11	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	260	253	239	235	195	163	145	140	110	78	56	31	29
Total Direct Man-Hours	271	264	250	245	195	163	145	140	110	78	56	31	29
Aver. Hrs. per Direct Worker in Month	170[3]	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	1,594	1,553[3]	1,522[3]	1,495[3]	1,225[3]	1,055[3]	955[3]	928[3]	765[3]	595[3]	475[3]	210[3]	205[3]
Total Employees	2,579	2,515	2,462	2,395	1,950	1,665	1,465	1,433	1,165	945	775	360	330
	MAR.												
YO-60 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
XR-8 Direct Man-Hours	12	11	10	8	6	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	272	243	235	222	184	146	136	97	84	68	34	24	15
Total Direct Man-Hours	284	254	245	231	190	146	136	97	84	68	34	24	15
Aver. Hrs. per Direct Worker in Month	181	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	1,562	1,374	1,324	1,249	1,027	789	735	525	455	368	184	135	82
Total Employees	2,343	2,198	2,118	1,998	1,643	1,262	1,175	840	750	606	303	222	145

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

LOCKHEED (VEGA), BURBANK — "A"

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-17-F Direct Man-Hours	1,277	[illegible]	2,449	2,372	2,436	2,496	2,592	2,496	2,496	2,496	2,496	2,592	2,496
PV-1 Direct Man-Hours	1,396	1,300	1,350	1,300	1,300	1,300	1,350	1,300	1,300	1,235	935	458	4
PV-2 Direct Man Hours	— —	5	28	81	135	135	136	152	178	215	348	683	1,140
All Other Direct Man Hours	240	238	212	203	169	147	129	123	123	123	122	126	40
Total Direct Man Hours	2,913	2,906	3,739	3,956	4,100	4,078	4,207	4,071	4,097	4,069	3,901	3,859	3,400
Aver. Hrs. per Direct Worker in Month	186	185	193	188	188	188	193	188	188	188	188	193	188
Direct Workers	15,630	18,158	19,373	21,043	21,809	21,691	21,798	21,654	21,793	21,644	20,750	19,995	18,085
Total Employees	28,609	31,587	33,321	35,300	36,000	35,790	35,967	35,729	35,958	35,713	34,383	33,392	30,925
	FEB.												
B-17-F Direct Man-Hours	1,442	[illegible]30	2,372	2,496	2,496	2,592	2,496	2,640	2,784	2,784	2,880	2,880	2,880
PV-1 Direct Man-Hours	1,291	1,350	1,300	1,300	1,300	1,350	1,300	1,300	1,235	935	438	24	—
PV-2 Direct Man-Hours	1	6	25	49	46	10	9	30	180	795	1,497	1,636	1,500
All Other Direct Man-Hours	228	195	187	205	205	212	205	205	205	205	212	205	198
Total Direct Man-Hours	2,962	3,751	3,884	4,050	4,047	4,164	4,010	4,175	4,404	4,719	5,027	4,745	4,578
Aver. Hrs. per Direct Worker in Month	165	185	178	178	178	185	178	178	178	178	185	178	172
Direct Workers	17,987	20,276	21,820	22,753	22,736	22,508	22,528	23,455	24,742	26,511	27,173	26,657	26,616
Total Employees	31,309	33,480	35,828	37,042	37,014	36,688	36,720	37,997	39,835	42,444	43,477	42,678	42,612
	MAR.												
B-17-F Direct Man-Hours	1,866	2,140	2,278	2,436	2,710	2,650	2,649	2,684	2,711	2,996	3,043	2,931	3,165
PV-1 Direct Man-Hours	1,430	1,420	1,438	1,386	1,435	1,381	1,381	1,381	1,381	1,434	1,381	1,184	455
PV-2 Direct Man-Hours	10	25	49	46	10	9	44	95	181	244	344	606	1,134
All Other Direct Man-Hours	203	207	207	190	175	163	150	137	137	137	137	142	146
Total Direct Man-Hours	3,509	3,792	3,972	4,058	4,330	4,203	4,224	4,297	4,410	4,811	4,905	4,863	4,900
Aver. Hrs. per Direct Worker in Month	179	178	178	178	185	178	178	178	178	185	178	172	185
Direct Workers	19,594	21,303	22,315	22,798	23,405	23,612	23,730	24,140	24,775	26,005	27,556	28,273	26,486
Total Employees	33,917	35,576	36,530	37,275	37,916	38,204	38,348	39,914	39,888	41,686	44,090	45,237	42,404
	APR.												
B-17-F Direct Man-Hours	1,857	1,940	2,160	2,520	2,587	2,587	2,587	2,587	2,687	2,595	2,541	2,744	2,541
PV-1 Direct Man-Hours	1,331	1,310	1,230	1,164	1,188	1,144	1,144	1,144	1,188	1,143	996	486	37
PV-2 Direct Man-Hours	31	38	39	24	15	44	95	181	244	344	606	1,134	1,243
All Other Direct Man-Hours	208	208	197	138	105	80	75	64	59	55	57	63	44
Total Direct Man-Hours	3,427	3,496	3,626	3,846	3,895	3,855	3,901	3,976	4,178	4,137	4,200	4,427	3,865
Aver. Hrs. per Direct Worker in Month	185	185	185	193	185	185	185	185	193	185	176	180	176
Direct Workers	18,478	18,850	19,551	19,969	21,002	20,786	21,034	21,439	21,693	22,307	23,556	23,313	21,985
Total Employees	35,777	36,200	36,801	37,069	37,809	37,303	37,535	37,917	38,158	38,794	40,045	39,725	38,385
	MAY												
B-17-F Direct Man-Hours	1,849	1,939	2,174	2,131	2,106	2,106	2,106	2,187	2,106	2,025	2,187	2,025	2,187
PV-1 Direct Man-Hours	1,418	1,348	1,326	1,168	1,144	1,144	1,144	1,188	1,143	996	599	48	—
PV-2 Direct Man-Hours	38	43	45	39	44	95	181	244	344	606	1,134	1,243	1,620
All Other Direct Man-Hours	222	187	154	101	74	71	61	55	49	43	27	14	19
Total Direct Man-Hours	3,527	3,517	3,699	3,439	3,368	3,416	3,492	3,674	3,642	3,670	3,947	3,330	3,826
Aver. Hrs. per Direct Worker in Month	187	186	193	185	185	185	185	193	185	178	190	176	190
Direct Workers	18,861	18,909	19,166	18,589	18,205	18,465	18,876	19,036	19,686	20,618	20,774	18,920	20,137
Total Employees	37,342	36,254	35,265	34,318	33,952	34,271	34,770	34,988	35,789	36,865	37,029	35,165	36,267
	JUNE												
B-17-F Direct Man-Hours	1,962	2,150	2,110	2,344	2,312	2,282	2,322	2,300	2,020	2,260	2,150	2,220	2,120
PV-1 Direct Man-Hours	1,404	1,376	1,296	1,348	1,304	1,276	1,188	1,143	996	599	48	—	—
PV-2 Direct Man-Hours	49	52	57	73	115	180	320	600	900	1,321	1,482	1,620	1,560
All Other Direct Man-Hours	193	153	102	85	80	76	77	75	79	77	73	77	82
Total Direct Man-Hours	3,608	3,731	3,565	3,850	3,811	3,814	3,907	4,118	3,995	4,257	3,753	3,917	3,762
Aver. Hrs. per Direct Worker in Month	189	193	185	185	185	185	193	185	178	193	178	190	183
Direct Workers	19,130	19,331	19,270	20,811	20,600	20,616	20,244	22,259	22,444	22,056	21,084	20,616	20,557
Total Employees	37,396	37,155	36,387	38,778	37,872	37,387	36,373	39,256	39,053	38,636	37,257	36,799	36,757
	JULY												
B-17-F Direct Man-Hours	2,115	2,025	2,000	1,980	1,955	1,980	1,903	1,760	1,923	1,800	1,922	1,851	1,851
PV-1 Direct Man-Hours	1,364	1,256	1,235	1,230	1,220	1,255	1,190	816	544	132	—	—	—
PV-2 Direct Man-Hours	48	52	59	107	155	245	440	590	870	1,520	1,820	1,540	1,420
All Other Direct Man-Hours	121	120	120	100	81	85	80	79	73	59	58	56	56
Total Direct Man-Hours	3,648	3,453	3,414	3,417	3,411	3,565	3,613	3,245	3,410	3,511	3,800	3,447	3,327
Aver. Hrs. per Direct Worker in Month	193	185	185	185	185	193	185	178	193	178	193	185	185
Direct Workers	21,082	18,619	18,408	18,424	18,392	18,510	19,481	18,200	17,705	19,692	19,730	18,586	17,939
Total Employees	37,537	36,991	36,492	36,220	35,901	35,835	37,365	34,380	32,895	36,026	35,702	34,458	33,582
	AUG.												
B-17 Direct Man-Hours	1,929	1,893	1,830	1,760	1,755	1,699	1,603	1,700	1,563	1,650	1,592	1,578	1,610
PV-1 Direct Man-Hours	1,245	1,190	1,170	1,140	1,132	1,082	1,003	846	104	—	—	—	—
PV-2 Direct Man-Hours	50	64	80	115	252	440	620	910	1,520	1,820	1,540	1,420	1,400

LOCKHEED (VEGA), BURBANK — "A" (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
All Other Direct Man-Hours	142	133	122	113	105	104	99	100	92	80	78	78	78
Total Direct Man-Hours	3,366	3,280	3,202	3,128	3,244	3,325	3,325	3,556	3,279	3,550	3,210	3,076	3,088
Aver. Hrs. per Direct Worker in Month	183	185	185	185	193	185	178	193	178	193	185	185	193
Direct Workers	20,390	17,730	17,308	16,908	16,808	17,973	18,680	18,425	18,421	18,393	17,351	16,627	16,000
Total Employees	37,076	36,150	35,550	35,000	34,850	35,946	37,360	36,850	36,842	36,786	34,702	33,254	32,000
	SEPT.												
B-17 Direct Man-Hours	1,713	1,664	1,618	1,577	1,570	1,496	1,574	1,434	1,520	1,442	1,429	1,454	1,386
PV-1 Direct Man-Hours	1,191	1,165	1,140	1,132	1,082	943	670	254	86	—	—	—	—
PV-2 Direct Man-Hours	73	90	116	229	358	494	800	1,131	1,439	1,468	1,420	1,400	1,230
All Other Direct Man-Hours	115	112	103	99	97	93	93	81	75	73	73	73	64
Total Direct Man-Hours	3,092	3,031	2,977	3,037	3,107	3,026	3,137	2,900	3,120	2,983	2,922	2,927	2,680
Aver. Hrs. per Direct Worker in Month	184	185	185	185	185	178	193	178	193	185	185	193	185
Direct Workers	16,767	16,384	16,092	16,416	16,795	17,000	16,254	16,292	16,166	16,124	15,795	15,166	14,488
Total Employees	36,080	35,226	34,437	34,226	34,200	34,000	32,808	32,584	32,332	32,248	31,590	30,332	28,972
	OCT.[2]												
B-17-G Direct Man-Hours	1,637	—	—	—	—	—	—	—	—	—	—	—	—
PV-1 Direct Man-Hours	1,131	—	—	—	—	—	—	—	—	—	—	—	—
PV-2 Direct Man-Hours	76	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	143	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,987	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	16,331	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	35,180	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
B-17-G Direct Man-Hours	1,500	1,440	1,385	1,280	1,350	1,220	1,273	1,210	1,190	1,210	1,144	1,120	1,100
PV-1 Direct Man-Hours	1,103	1,046	998	820	580	250	27	—	—	—	—	—	—
PV-2 Direct Man-Hours	83	105	188	320	620	810	1,190	1,110	1,130	1,180	1,270	1,250	1,170
All Other Direct Man-Hours	169	172	209	198	214	220	261	279	290	314	287	281	267
Total Direct Man-Hours	2,855	2,763	2,780	2,618	2,764	2,500	2,751	2,599	2,610	2,704	2,701	2,651	2,537
Aver. Hrs. per Direct Worker in Month	185	185	185	178	193	178	193	185	185	193	185	185	185
Direct Workers	15,413	14,935	15,027	14,708	14,321	14,044	14,254	14,049	14,108	14,010	14,600	14,330	13,714
Total Employees	34,023	33,006	32,909	32,357	31,935	31,459	31,359	31,048	31,038	30,682	30,952	30,380	28,799
	DEC.[2]												
B-17-G Direct Man-Hours	1,286	—	—	—	—	—	—	—	—	—	—	—	—
PV-1 Direct Man-Hours	994	—	—	—	—	—	—	—	—	—	—	—	—
PV-2 Direct Man-Hours	103	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	177	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,560	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	176	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	14,536	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	31,798	—	—	—	—	—	—	—	—	—	—	—	—
	1944 JAN.[2]												
B-17-G Direct Man-Hours	1,243	—	—	—	—	—	—	—	—	—	—	—	—
PV-1 Direct Man-Hours	929	—	—	—	—	—	—	—	—	—	—	—	—
PV-2 Direct Man-Hours	138	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	229	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,539	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	14,407	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	30,574	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-17-G Direct Man-Hours	1,080	1,160	1,072	1,120	1,056	1,035	1,051	995	980	965	916	970	860
PV-1 Direct Man-Hours	723	510	190	64	—	—	—	—	—	—	—	—	—
PV-2 Direct Man-Hours	232	480	860	1,090	1,110	1,130	1,180	1,250	1,230	1,170	1,070	1,034	879
All Other Direct Man-Hours	236	250	240	261	279	290	314	287	281	267	244	250	211
Total Direct Man-Hours	2,271	2,400	2,362	2,535	2,445	2,455	2,545	2,532	2,491	2,402	2,230	2,254	1,950
Aver. Hrs. per Direct Worker in Month	178	193	178	193	185	185	193	185	185	185	178	193	171
Direct Workers	12,717	12,435	13,280	13,135	13,216	13,270	13,187	13,686	13,573	12,984	12,528	11,679	11,404
Total Employees	28,927	28,120	28,650	28,175	28,150	28,132	27,693	28,467	27,960	26,488	25,306	23,358	22,808
	MAR.												

Beginning with March, 1944, Lockheed "A" and "B" reported jointly.

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands, Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

LOCKHEED, BURBANK "B"

Forecast for Twelve Months Following Report Month

ITEM	Report Month (Actual)	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
P-38 Direct Man Hours	2,017	2,343	2,316	2,084	2,829	3,061	3,233	3,399	3,705	3,997	4,254	4,372	4,369
414 Direct Man Hours	678	951	913	721	352	88	54	19	1	—	—	—	—
18-118 Direct Man Hours	516	520	548	608	684	770	864	908	868	854	849	846	832
49-349 Direct Man Hours	—	60	98	201	365	558	780	1,151	1,525	1,927	1,874	1,693	1,592
B-37 Direct Man Hours	—	82	80	43	22	—	—	—	—	—	—	—	—
All Other Direct Man Hours	639	461	462	449	449	453	453	453	453	453	453	453	453
Total Direct Man Hours	3,850	4,607	4,597	4,706	4,701	4,830	5,334	5,930	6,552	7,231	7,430	7,364	7,186
Aver. Hrs. per Direct Worker in Month	177	188	187	187	186	181	180	180	180	181	185	186	188
Direct Workers	21,694	25,933	26,075	26,910	27,043	29,338	32,530	36,166	40,040	43,569	43,262	42,362	40,354
Total Employees	43,906	46,025	46,361	47,750	48,029	51,726	56,691	62,302	68,280	73,717	73,223	71,826	68,789
	FEB.												
P-38 Direct Man-Hours	1,985	2,553	3,155	3,885	4,286	4,457	4,467	4,371	4,328	4,243	4,125	4,028	3,946
414 Direct Man-Hours	712	839	716	385	102	50	18	—	—	—	—	—	—
18-118 Direct Man-Hours	436	484	617	684	766	824	900	859	841	892	890	894	893
49-349 Direct Man-Hours	71	130	205	376	580	819	1,220	1,632	2,081	2,024	1,828	1,719	1,855
B-37 Direct Man Hours	67	61	44	23	10	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	387	475	495	479	472	475	481	485	489	489	489	489	489
Total Direct Man-Hours	3,658	4,542	5,232	5,832	6,216	6,625	7,086	7,347	7,739	7,648	7,332	7,130	7,183
Aver. Hrs. per Direct Worker in Month	164	186	186	186	181	182	182	180	182	184	183	182	183
Direct Workers	22,294	24,472	28,120	31,353	34,387	36,350	38,927	40,856	42,523	41,657	40,120	39,352	39,295
Total Employees	45,570	48,404	55,038	59,776	64,930	68,067	72,212	75,273	77,713	75,883	73,054	71,594	71,170
	MAR.												
P-38 Direct Man-Hours	2,357	3,128	3,841	4,267	4,456	4,448	4,318	4,192	4,068	3,956	3,827	3,749	3,646
414 Direct Man-Hours	821	709	355	82	51	17	—	—	—	—	—	—	—
18-118 Direct Man-Hours	458	763	883	1,030	1,044	970	894	865	861	861	853	853	845
49-349 Direct Man-Hours	97	203	393	601	847	1,252	1,731	2,154	2,197	2,095	2,115	2,311	2,131
B-37 Direct Man-Hours	83	44	22	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	359	503	493	488	496	508	516	526	529	529	525	523	520
Total Direct Man-Hours	4,175	5,350	5,987	6,478	6,894	7,195	7,459	7,737	7,655	7,441	7,320	7,436	7,142
Aver. Hrs. per Direct Worker in Month	181	186	186	184	185	184	184	183	184	183	182	184	184
Direct Workers	23,011	28,721	32,132	35,240	37,220	39,020	41,164	42,378	41,603	40,662	40,125	40,643	38,895
Total Employees	46,531	55,648	61,373	66,669	69,823	72,085	76,164	77,787	76,100	74,220	73,120	73,658	70,453
	APR.												
P-38 Direct Man-Hours	2,313	3,474	4,217	3,990	3,853	3,814	3,808	3,630	3,566	3,466	3,527	3,381	3,449
414 Direct Man-Hours	711	284	—	—	—	—	—	—	—	—	—	—	—
18-118 Direct Man-Hours	477	594	643	647	502	289	298	505	717	813	800	793	786
49-349 Direct Man-Hours	112	60	90	150	251	415	529	637	743	790	814	710	764
137 Direct Man-Hours	31	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	388	449	441	446	455	460	467	467	467	302	302	302	302
Total Direct Man-Hours	4,032	4,861	5,391	5,233	5,061	4,978	5,102	5,239	5,493	5,371	5,443	5,186	5,301
Aver. Hrs. per Direct Worker in Month	176	186	184	185	184	181	183	184	183	182	183	184	184
Direct Workers	22,939	26,080	29,327	28,254	27,449	27,476	27,943	28,467	30,014	29,442	29,740	28,242	28,778
Total Employees	47,546	51,853	57,423	55,387	53,881	53,894	54,399	55,003	57,389	56,237	56,488	53,763	54,389
	MAY												
422 Direct Man-Hours (P-38)	2,509	3,496	4,242	4,302	4,333	4,184	4,010	3,653	3,441	3,448	3,357	3,383	3,341
18-118 Direct Man-Hours	537	683	807	890	874	810	798	779	763	751	747	744	740
49-10 Direct Man Hours	104	89	147	245	402	495	595	684	708	694	562	531	660
414 Direct Man-Hours	481	—	—	—	—	—	—	—	—	—	—	—	—
137 Direct Man-Hours	6	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	372	437	442	450	456	462	467	467	305	302	302	302	302
Total Direct Man-Hours	4,009	4,705	5,638	5,887	6,065	5,951	5,870	5,583	5,217	5,195	4,968	4,960	5,043
Aver. Hrs. per Direct Worker in Month	180	182	181	182	184	184	185	185	185	185	184	184	182
Direct Workers	22,276	25,871	31,075	32,274	33,022	32,304	31,808	30,254	28,239	28,148	26,944	27,003	27,774
Total Employees	47,637	51,325	61,022	62,932	63,989	62,453	61,278	58,282	54,669	54,382	52,112	52,019	53,118
	JUNE												
P-38 Direct Man Hours	2,776	3,988	4,271	4,181	4,011	3,878	3,524	3,340	3,373	3,265	3,282	3,242	3,192
18 Direct Man Hours	512	620	706	789	779	773	755	748	744	740	736	733	730
49-349 Direct Man Hours	106	143	238	391	488	592	683	730	749	635	635	776	970
All Other Direct Man-Hours	448	434	437	443	445	449	449	296	296	295	296	295	296
Total Direct Man Hours	3,842	5,185	5,652	5,804	5,723	5,692	5,411	5,114	5,162	4,935	4,949	5,046	5,188
Aver. Hrs. per Direct Worker in Month	171	182	182	184	184	185	185	185	185	184	183	183	180
Direct Workers	22,476	28,551	30,986	31,614	31,102	30,800	29,310	27,583	27,873	26,678	26,869	27,547	28,823
Total Employees	48,028	58,032	62,296	63,282	62,118	61,342	58,542	55,308	55,594	53,308	53,428	54,389	56,450
	JULY												
P-38 Direct Man-Hours	2,755	3,206	4,106	4,146	3,973	3,617	3,415	3,424	3,321	3,327	3,277	3,223	3,235
18 Direct Man-Hours	446	420	562	689	748	761	753	748	744	740	736	733	730
49 Direct Man-Hours	137	238	391	476	574	650	688	681	552	521	648	838	959

LOCKHEED, BURBANK — "B" (Cont'd.)

Forecast for Twelve Months Following Report Month

ITEM	Report Month (Actual)	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
All Other Direct Man-Hours	457	438	443	445	449	449	296	296	296	296	296	296	296
Total Direct Man-Hours	3,808	4,302	5,302	5,756	5,744	5,486	5,152	5,149	4,933	4,884	4,957	5,090	5,220
Aver. Hrs. per Direct Worker in Month	170	183	184	184	184	184	185	185	185	184	184	182	182
Direct Workers	22,428	23,456	29,337	31,280	31,183	29,749	27,877	27,860	26,587	26,516	26,997	27,908	28,744
Total Employees	48,534	49,416	61,731	64,137	63,684	60,877	57,322	57,036	54,560	54,217	54,847	56,221	57,441
	AUG.												
P-38 Direct Man-Hours	2,576	3,651	3,286	3,244	3,240	3,230	3,196	3,150	3,197	3,155	3,119	3,122	3,074
18 Direct Man-Hours	339	443	591	719	733	719	714	710	705	699	695	691	687
49 349 Direct Man-Hours	197	379	474	569	656	696	714	604	604	739	924	1,037	1,086
All Other Direct Man-Hours	414	408	424	424	424	424	421	421	246	246	246	246	246
Total Direct Man-Hours	3,526	4,881	4,775	4,956	5,053	5,069	5,045	4,885	4,752	4,839	4,984	5,096	5,093
Aver. Hrs. per Direct Worker in Month	163	183	183	183	183	183	183	184	184	183	184	183	183
Direct Workers	21,698	26,731	26,062	27,079	27,673	27,759	27,600	26,636	25 826	26,444	27,145	27,909	27,770
Total Employees	48,277	57,517	56,065	57,702	58,583	58,532	57,969	55,963	54,230	55,126	56,091	57,220	56,676
	SEPT.												
P-38 Direct Man-Hours	2,785	3,502	3,335	3,185	3,081	2,979	3,103	3,236	3,209	3,125	3,021	2,939	2,923
18 Direct Man-Hours	182	119	89	22	76	28	157	157	157	157	157	157	157
49 Direct Man-Hours	120	50	50	50	50	340	456	498	526	611	716	799	816
All Other Direct Man-Hours	476	505	699	921	975	835	466	291	290	289	288	287	286
Total Direct Man-Hours	3,563	4,176	4,173	4,178	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182
Aver. Hrs. per Direct Worker in Month	169	173	173	173	173	173	173	173	173	173	173	173	173
Direct Workers	21,033	24,139	24,121	24,150	24,173	24,173	24,173	24,173	24,173	24,173	24,173	24,173	24,173
Total Employees	47,715	51,821	51,803	51,832	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855
	OCT.[2]												
P-38 Direct Man-Hours	3,228	—	—	—	—	—	—	—	—	—	—	—	—
18 Dir. Man-Hours	50	—	—	—	—	—	—	—	—	—	—	—	—
49 Direct Man-Hours	23	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	521	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,822	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	21,220	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	48,334	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
P-38 Direct Man-Hours	3,340	3,394	3,084	2,988	2,992	2,974	2,960	2,942	2,900	2,891	2,859	2,824	2,785
18 Direct Man-Hours	12	10	—	—	—	—	—	—	—	—	—	—	—
49 Direct Man-Hours	40	50	75	125	250	350	450	600	700	750	800	850	900
All Other Direct Man-Hours	447	749	1,081	1,163	1,070	1,024	872	697	552	425	407	392	381
Total Direct Man-Hours	3,839	4,203	4,240	4,276	4,312	4,348	4,282	4,239	4,152	4,066	4,066	4,066	4,066
Aver. Hrs. per Direct Worker in Month	173	173	173	173	173	173	173	173	173	173	173	173	173
Direct Workers	22,162	24,299	24,510	24,720	24,929	25,137	24,750	24,500	24,000	23,500	23,500	23,500	23,500
Total Employees	49,516	51,700	51,600	51,500	51,400	51,300	50,000	49,000	48,000	47,000	47,000	47,000	47,000
	DEC.												
422 Direct Man-Hours (P-38)	2,727	2,715	2,684	2,709	2,746	2,752	2,706	2,672	2,610	2,548	2,447	2,338	2,282
18 Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
C-69 Direct Man-Hours	133	136	136	136	182	250	318	374	410	432	455	500	545
All Other Direct Man-Hours	789	849	880	755	622	523	518	532	533	538	529	527	534
Total Direct Man-Hours	3,654	3,700	3,700	3,600	3,550	3,525	3,542	3,568	3,553	3,518	3,431	3,365	3,361
Aver. Hrs. per Direct Worker in Month	177	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	20,670	20,000	20,000	19,459	19,189	19,054	19,146	19,286	19,205	19,016	18,546	18,189	18,168
Total Employees	47,192	46,400	45,600	43,588	42,408	41,538	40,781	39,922	39,562	38,983	37,648	36,833	36,700
	1944 JAN.[2]												
P-38 Direct Man-Hours	2,554	—	—	—	—	—	—	—	—	—	—	—	—
C-69 Direct Man-Hours	191	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	775	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,520	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	182	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	19,359	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	45,679	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-38 Direct Man-Hours	2,318	2,457	2,134	2,299	2,116	2,079	2,113	2,017	1,929	1,842	1,737	1,874	1,693
C-69 Direct Man-Hours	204	267	310	375	400	500	630	695	780	765	675	640	590
All Other Direct Man-Hours	662	810	845	857	1,045	1,061	977	798	619	531	516	546	511
Total Direct Man-Hours	3,184	3,534	3,289	3,531	3,561	3,640	3,720	3,508	3,328	3,138	2,928	3,060	2,794

TABLE 9. LABOR REQUIREMENTS - REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

LOCKHEED, BURBANK — "B" (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB.												
Aver. Hrs. per Direct Worker in Month	176	193	178	193	185	185	193	185	185	185	178	193	171
Direct Workers	18,920	18,310	18,179	18,311	19,248	19,676	19,275	18,961	17,990	16,962	16,449	15,854	16,339
Total Employees	46,279	43,110	42,679	42,411	42,248	42,176	41,375	40,561	38,990	37,662	36,849	35,954	36,139
	MAR.	Beginning with March, 1944, Lockheed "A" and "B" reported jointly.											

LOCKHEED, BURBANK (Plants "A" and "B")

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.							12	53	88	106	111	165
P-80-A Direct Man Hours	2,551	2,204	2,354	2,248	2,212	2,257	2,131	2,127	2,094	1,979	2,104	1,770	1,910
P-38 Direct Man-Hours	1,099	984	1,031	967	945	961	909	898	886	845	905	798	894
B17 G Direct Man-Hours	229	192	218	220	230	260	275	300	330	337	385	461	685
C-69 Direct Man-Hours	585	207	73	—	—	—	—	—	—	—	—	—	—
PV-1 Direct Man-Hours	305	412	692	780	793	854	830	780	743	692	680	524	460
PV-2 Direct Man Hours	639	958	989	906	791	741	695	666	667	674	727	668	666
All Other Direct Man-Hours	5,408	4,957	5,357	5,121	4,971	5,073	4,840	4,783	4,773	4,615	4,907	4,327	4,780
Total Direct Man-Hours	197	180	193	185	185	193	185	185	185	178	193	172	193
Aver. Hrs. per Direct Worker in Month	27,483	27,566	27,756	27,681	26,870	26,285	26,162	25,854	25,800	25,927	25,374	25,250	24,767
Direct Workers	69,379	67,013	66,338	65,475	64,022	62,598	61,301	60,304	59,780	59,043	57,889	57,015	56,097
Total Employees	APR.												
	24	67	65	65	63	55	55	92	130	164	154	174	160
YP-80-A and P-80-A Direct Man-Hours	2,343	2,353	2,253	2,216	2,254	2,125	2,118	2,079	1,956	2,066	1,714	1,836	1,588
P-38 Direct Man-Hours	903	1,031	967	945	961	909	898	886	845	905	798	894	824
B-17-G Direct Man-Hours	226	234	250	280	312	315	330	345	351	426	447	575	592
C-69 Direct Man-Hours	152	73	0	—	—	—	—	—	—	—	—	—	—
PV-1 Direct Man-Hours	393	692	780	793	854	830	780	743	692	680	524	460	412
PV-2 Direct Man-Hours	563	658	619	568	552	518	493	496	494	541	492	570	549
All Other Direct Man-Hours	4,604	5,108	4,934	4,867	4,996	4,752	4,674	4,641	4,468	4,782	4,129	4,509	4,125
Total Direct Man-Hours	186	193	185	185	193	185	185	185	178	193	171	193	178
Aver. Hrs. per Direct Worker in Month	24,756	26,466	26,670	26,308	25,888	25,687	25,265	25,087	25,101	24,777	24,146	23,363	23,174
Direct Workers	66,278	65,362	64,667	63,482	62,237	61,205	59,938	58,871	58,124	57,131	55,622	53,940	53,022
Total Employees	MAY												
P-38 Direct Man-Hours	2,591	2,410	2,352	2,376	2,243	2,239	2,193	2,063	2,179	1,805	1,928	1,667	1,753
YP-80A and P-80A Direct Man-Hours	43	67	73	78	80	79	92	105	147	163	169	190	260
C-69 Direct Man-Hours	228	254	287	322	330	350	370	384	469	492	632	651	767
B-17-G Direct Man-Hours	937	850	812	818	764	754	745	709	759	668	748	686	737
XP2V-1 Direct Man-Hours	69	70	72	76	76	77	79	81	61	42	22	12	3
P2V-1 Direct Man-Hours	—	3	14	23	38	58	77	96	116	135	155	174	194
PV-2 Direct Man-Hours	449	780	793	854	830	780	743	692	680	524	460	412	442
PV-1 Direct Man-Hours	71	10	—	—	—	—	—	—	—	—	—	—	—
XR60-1 Direct Man-Hours	2	2	2	2	6	9	13	21	30	33	40	43	53
All Other Direct Man-Hours	330	450	452	385	333	279	279	271	275	248	281	265	290
Total Direct Man-Hours	4,720	4,896	4,857	4,934	4,700	4,625	4,591	4,422	4,716	4,110	4,435	4,100	4,499
Aver. Hrs. per Direct Worker in Month	193	185	185	193	185	185	185	178	193	171	193	185	193
Net Direct Employment	24,515	26,465	26,254	25,566	25,405	25,000	24,816	24,843	24,435	24,035	22,979	22,163	23,311
Total Net Employment	62,823	63,565	62,254	60,766	60,005	59,100	58,516	58,243	57,635	57,035	55,779	54,763	55,711
	JUNE												
YP-80A and P-80A Direct Man-Hours	59	103	106	95	100	108	117	133	154	146	186	313	509
P-38 Direct Man-Hours	2,163	2,203	2,248	2,158	2,064	1,906	1,689	1,672	1,357	1,388	1,268	1,353	1,287
B-17-G Direct Man-Hours	898	884	892	825	814	806	765	820	724	809	743	798	762
C-69 Direct Man-Hours	215	245	235	226	232	304	385	456	514	594	566	633	607
PV-1 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
PV-2 Direct Man-Hours	406	431	523	653	877	923	788	782	692	728	648	682	641
XP-2V1 Direct Man-Hours[36]	67	67	73	73	76	78	74	61	42	22	12	3	2
XP-2V1 Direct Man-Hours[37]	3	16	29	42	61	76	88	116	135	155	174	194	215
XR-60-1 Direct Man-Hours	7	2	2	6	9	13	21	30	33	40	43	53	101
All Other Direct Man-Hours	371	400	336	289	229	227	218	221	200	227	218	236	234
Total Direct Man-Hours	4,196	4,351	4,444	4,367	4,462	4,441	4,145	4,291	3,851	4,109	3,858	4,265	4,358
Aver. Hrs. per Direct Worker in Month	187	185	193	185	185	185	178	193	171	193	178	193	185
Net Direct Employment	22,488	23,519	23,026	23,605	24,119	24,005	23,287	22,233	22,520	21,290	21,674	22,098	23,557
Total Net Employment	59,698	59,519	58,226	58,205	58,219	57,705	56,687	55,433	55,520	54,090	54,274	54,498	55,757
	JULY												
YP-80A and P-80A Direct Man-Hours	53	106	95	100	108	117	133	154	146	186	313	509	901
P-38L Direct Man-Hours	2,232	2,348	2,220	2,125	2,023	1,828	1,709	1,367	1,459	1,312	1,399	1,330	1,315
B-17-G Direct Man-Hours	785	873	830	819	806	771	826	731	815	750	803	768	750
C-69 Direct Man-Hours	237	292	270	280	344	399	485	481	600	542	604	577	636

LOCKHEED, BURBANK (Plants "A" and "B") (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JULY												
PV-2 Direct Man Hours	323	455	736	918	876	748	772	643	678	580	650	640	628
XI-2V1 Direct Man Hours[36]	79	77	77	77	79	81	61	42	22	3	2	1	1
XP-2V1 Direct Man-Hours[37]	2	20	47	67	82	88	102	100	124	126	146	150	154
XR-60-1 Direct Man-Hours	6	2	6	9	13	21	30	33	40	43	53	101	135
All Other Direct Man-Hours	248	269	248	245	243	234	230	212	221	211	227	224	224
Total Direct Man-Hours	3,965	4,442	4,529	4,640	4,576	4,287	4,348	3,763	4,105	3,753	4,197	4,295	4,753
Aver. Hrs. per Direct Worker in Month	175	193	185	185	185	178	193	171	193	178	193	185	185
Net Direct Employment	22,630	23,016	24,481	25,081	24,735	24,084	22,529	22,006	21,269	21,084	21,746	23,216	25,586
Total Net Employment	58,880	58,216	59,081	59,181	58,435	57,484	55,729	55,006	54,069	53,684	54,146	55,416	57,686
	AUG.												
YP-80A and P-80A Direct Man-Hours	73	95	100	108	117	133	154	146	186	313	509	901	1,188
P-38L Direct Man-Hours	2,404	2,083	1,886	1,579	1,346	1,128	926	890	862	870	860	818	874
B-17-G Direct Man-Hours	863	830	819	808	771	826	731	797	733	785	752	748	773
C-69 Direct Man-Hours	311	270	280	344	399	485	481	600	542	605	577	636	636
PV-2 Direct Man-Hours	452	736	918	876	748	772	643	678	580	650	640	628	637
XP-2V1 Direct Man-Hours[36]	85	77	77	79	81	61	42	22	3	2	1	1	—
XP-2V1 Direct Man-Hours[37]	10	27	67	87	93	112	100	129	131	146	150	154	162
XR-60-1 Direct Man-Hours	15	14	14	17	21	30	33	40	43	53	101	135	145
All Other Direct Man-Hours	258	230	206	182	176	179	161	185	174	193	192	198	211
Total Direct Man-Hours	4,471	4,362	4,367	4,080	3,752	3,726	3,271	3,487	3,254	3,617	3,782	4,219	4,626
Aver. Hrs. per Direct Worker in Month	200	185	185	182	178	191	171	193	178	191	185	184	193
Net Direct Employment	22,332	23,578	23,605	22,390	21,079	19,558	19,129	18,067	18,281	18,936	20,443	22,980	23,969
Total Net Employment	57,844	58,178	57,305	55,290	53,179	51,358	50,729	49,467	49,481	49,936	51,243	53,580	54,369
	SEPT.[38]												
YP-80A and P-80A Direct Man-Hours	96	111	110	106	133	144	153	186	307	498	878	1,154	1,308
P-38L Direct Man-Hours	2,240	1,797	1,542	1,318	1,183	914	973	829	879	755	676	603	474
C-69 Direct Man-Hours	307	331	352	400	485	481	600	542	605	577	636	635	574
PV-2 Direct Man-Hours	581	918	876	748	772	643	678	580	650	640	628	637	421
XP-2V1 Direct Man-Hours[36]	96	82	79	77	63	33	7	4	3	2	1	—	—
XP-2V1 Direct Man-Hours[37]	9	15	24	39	66	90	138	161	200	221	238	284	318
XR-60-1 Direct Man-Hours	22	22	25	27	30	33	40	46	51	101	135	150	150
B-17-G Direct Man-Hours	780	782	754	747	771	707	788	725	746	742	709	757	666
All Other Direct Man-Hours	190	206	182	176	172	161	185	174	186	192	190	211	197
Total Direct Man-Hours	4,321	4,264	3,944	3,638	3,675	3,206	3,562	3,247	3,627	3,728	4,091	4,431	4,108
Aver. Hrs. per Direct Worker in Month	195	185	178	178	185	171	193	178	185	185	178	193	171
Net Direct Employment	22,202	23,049	22,157	20,438	19,865	18,749	18,456	18,242	19,605	20,151	22,983	22,959	24,023
Total Net Employment	56,667	56,749	55,057	52,538	51,665	50,349	49,856	49,442	50,605	50,951	53,583	53,359	54,223
	OCT.												
YP-80A and P-80A Direct Man-Hours	122	100	96	94	96	135	171	240	327	432	622	723	915
P-38L Direct Man-Hours	2,028	1,542	1,318	1,183	914	973	829	879	755	676	603	474	328
B-17-G Direct Man-Hours	751	744	736	749	675	748	691	708	700	668	689	628	699
C-69 Direct Man-Hours	401	352	400	485	481	600	542	605	577	636	635	574	606
PV-2 Direct Man-Hours	785	876	748	772	643	678	580	650	640	628	637	421	376
XI-2V1 Direct Man-Hours[36]	96	79	77	63	33	7	4	3	2	1	—	—	—
XP-2V1 Direct Man-Hours[37]	15	24	39	66	90	138	161	200	221	238	284	318	430
XR-60-1 Direct Man-Hours	30	32	39	34	41	51	59	69	86	98	113	117	166
All Other Direct Man-Hours	166	181	176	172	161	185	174	186	192	190	211	197	215
Total Direct Man-Hours	4,394	3,930	3,629	3,618	3,134	3,515	3,211	3,540	3,500	3,567	3,794	3,452	3,735
Aver. Hrs. per Direct Worker in Month	195	178	178	185	171	193	178	185	185	178	193	171	193
Net Direct Employment	22,500	22,079	20,388	19,551	18,327	18,212	18,039	19,135	18,919	20,039	19,658	20,187	19,352
Total Net Employment	56,336	55,279	52,988	51,657	50,027	49,612	49,239	50,135	49,719	50,639	50,058	50,387	49,352
	NOV.												
YP-80A and P-80A Direct Man-Hours	113	96	94	96	135	171	240	327	432	622	723	915	1,045
P-38L Direct Man-Hours	1,668	1,424	1,358	952	973	829	879	755	676	603	474	430	329
B-17-G Direct Man-Hours	761	736	749	675	746	686	708	703	671	720	637	712	610
PV-2 Direct Man-Hours	864	798	818	788	807	769	759	694	471	361	302	292	251
C-69 Direct Man-Hours	438	400	485	481	600	542	605	577	636	635	574	606	569
XP-2V-1 Direct Man-Hours[36]	103	101	88	38	22	13	7	5	3	2	1	—	—
XP-2V-1 Direct Man-Hours[37]	17	39	66	90	138	161	200	221	238	284	318	430	612
XR-60-1 Direct Man-Hours	31	39	34	41	51	59	69	85	98	113	117	166	173
All Other Direct Man-Hours	170	166	172	161	185	174	186	192	190	211	197	215	197
Total Direct Man-Hours	4,165	3,799	3,859	3,322	3,747	3,404	3,653	3,559	3,415	3,551	3,343	3,766	3,786
Aver. Hrs. per Direct Worker in Month	191	178	185	171	193	178	185	185	178	193	171	193	178
Net Direct Employment	21,824	21,343	20,859	19,427	19,415	19,124	19,746	19,238	19,185	18,399	19,550	19,513	21,270
Total Net Employment	55,955	54,993	54,009	52,227	52,015	51,424	51,746	51,038	50,785	49,799	50,650	50,313	51,870
	DEC.												
YP-80A and P-80A Direct Man-Hours	128	142	105	139	171	240	327	432	622	723	915	1,043	1,035
P-38L Direct Man-Hours	1,378	1,358	952	973	829	879	755	676	603	474	430	329	250
B-17-G Direct Man-Hours	740	749	675	746	686	708	703	671	720	637	712	610	477

TABLE 9. LABOR REQUIREMENTS – REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

LOCKHEED, BURBANK (Plants "A" and "B") (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
P-80A Direct Man-Hours	935	893	848	897	829	809	694	471	361	302	292	251	237
P-38L Direct Man-Hours	478	485	481	600	542	605	577	636	635	574	606	569	555
B-17G Direct Man-Hours	105	88	38	22	13	7	5	3	2	1	—	—	—
C-69, 49 and 549 Direct Man-Hours	23	42	85	138	161	200	221	238	284	318	430	612	810
PV-2 Direct Man-Hours	37	39	41	51	59	69	85	98	113	117	166	173	168
XP-2V-1 Direct Man-Hours[36]	148	166	161	185	174	186	192	190	211	197	215	197	197
XP-2V-1 Direct Man-Hours[37]	3,973	3,957	3,886	3,751	3,464	3,703	3,559	3,415	3,551	3,343	3,766	3,786	3,729
XR-60-1 Direct Man-Hours	192	185	171	193	178	185	185	178	193	171	193	178	178
All Other Direct Man-Hours	20,676	21,389	19,801	19,435	19,461	20,016	19,238	19,185	18,399	19,550	19,513	21,270	20,949
Total Direct Man-Hours	55,039	55,239	53,201	52,435	52,061	52,316	51,338	51,085	50,099	51,050	50,813	52,370	51,949
Aver. Hrs. per Direct Worker in Month													
Net Direct Employment													
Total Net Employment													
	1945 JAN.												
P-80A Direct Man-Hours	178	181	217	294	347	529	794	871	1,032	1,422	1,333	1,494	1,647
P-38L Direct Man-Hours	1,240	1,075	1,175	1,058	1,082	1,059	1,043	1,065	829	810	600	60	—
B-17G Direct Man-Hours	835	710	746	686	708	703	671	720	637	712	657	651	674
C-69, 49 and 549 Direct Man-Hours	519	435	362	319	316	303	314	316	288	335	328	346	367
PV-2 Direct Man-Hours	998	860	940	850	800	730	640	540	475	530	484	478	463
XP-2V-1 Direct Man-Hours[36]	94	58	32	18	10	6	3	2	1	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	41	58	113	132	164	182	212	255	232	216	178	170	164
XR-60-1 Direct Man-Hours	47	49	60	64	69	85	101	113	117	166	173	168	160
All Other Direct Man-Hours	133	130	158	152	159	164	166	174	158	180	170	170	179
Total Direct Man-Hours	4,085	3,556	3,803	3,573	3,655	3,761	3,944	4,056	3,769	4,371	3,923	3,537	3,654
Aver. Hrs. per Direct Worker in Month	203	180	193	178	185	185	185	193	172	193	178	178	185
Net Direct Employment	20,102	19,755	19,705	20,073	19,757	20,330	21,319	21,016	21,913	22,648	22,039	19,871	19,751
Total Net Employment	53,936	53,560	53,205	53,323	52,757	53,130	53,919	53,416	54,213	54,848	54,139	51,871	51,651
	FEB.												
YP-80A and P-80A Direct Man-Hours	213	305	332	450	550	794	871	1,032	1,422	1,333	1,494	1,647	1,627
P-38L Direct Man-Hours	960	999	926	857	795	761	809	707	667	456	35	—	—
B-17 G Direct Man-Hours	760	760	698	708	703	671	720	637	712	657	651	674	620
C-69 Direct Man-Hours	447	473	455	466	454	444	437	374	370	343	346	367	362
PV 2 Direct Man-Hours	779	840	792	855	860	780	782	634	680	568	474	463	317
XP-2V-1 Direct Man-Hours[36]	60	34	19	10	6	3	2	1	—	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	57	94	132	164	182	212	255	232	216	178	170	164	158
XR-60-1 Direct Man-Hours	46	60	64	69	85	101	113	117	166	173	168	160	142
All Other Direct Man-Hours	115	134	132	142	144	141	154	140	160	151	152	159	148
Total Direct Man-Hours	3,437	3,699	3,550	3,721	3,779	3,907	4,143	3,874	4,393	3,859	3,490	3,634	3,374
Aver Hrs per Direct Worker in Month	178	200	184	185	185	185	193	172	193	178	178	185	172
Net Direct Employment	19,293	18,495	19,272	20,114	20,427	21,119	21,466	22,523	22,762	21,680	19,607	19,643	19,616
Total Net Employment	52,806	51,755	52,272	52,914	53,027	53,619	53,866	54,823	54,962	53,780	51,607	51,593	51,516
	MAR.												
P-80A Direct Man-Hours	286	326	378	450	667	723	923	1,233	1,253	1,412	1,623	1,587	1,757
P-38L Direct Man Hours	994	926	857	795	761	809	707	667	456	35	—	—	—
B-17G Direct Man-Hours	794	720	727	717	698	720	637	712	657	651	674	620	669
C 69 Direct Man-Hours	445	455	494	518	486	488	404	431	377	368	363	298	283
PV-2 Direct Man-Hours	892	814	870	880	780	782	634	680	568	474	463	317	222
XP-2V-1 Direct Man-Hours[36]	45	34	11	7	6	4	2	—	—	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	74	96	126	153	191	250	232	216	185	163	169	158	190
XR 60-1 Direct Man Hours	63	63	70	85	88	102	106	150	156	153	144	128	132
All Other Direct Man Hours	95	104	111	112	110	120	110	125	119	120	125	118	132
Total Direct Man-Hours	3,688	3,538	3,644	3,717	3,787	3,998	3,755	4,214	3,771	3,376	3,561	3,226	3,385
Aver Hrs per Direct Worker in Month	202	187	185	185	185	193	172	193	178	178	185	172	185
Net Direct Employment	18,235	18,920	19,697	20,092	20,470	20,715	21,831	21,834	21,185	18,966	19,249	18,756	18,297
Total Net Employment	51,530	51,920	52,497	52,092	52,970	53,113	54,131	54,034	53,285	50,766	50,849	50,156	49,497
	APR.												
P-80A Direct Man Hours	341	378	450	565	723	923	1,233	1,253	1,310	1,415	1,272	1,282	1,220
P-38L Direct Man Hours	889	615	537	428	369	338	150	45	—	—	—	—	—
B-17G Direct Man-Hours	649	415	348	343	342	341	340	339	338	337	336	335	334
C-69 and 549 Direct Man-Hours	432	482	517	569	609	579	711	712	769	854	838	954	1,003
PV-2 Direct Man Hours	879	706	676	563	498	396	347	252	244	250	220	158	69
XP-2V-1 Direct Man-Hours[36]	49	40	31	23	18	12	—	—	—	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	72	97	143	181	219	200	182	154	130	132	133	159	198
XR-60-1 Direct Man-Hours	60	70	85	88	102	106	150	156	153	144	128	132	127
All Other Direct Man-Hours	84	96	91	88	94	84	94	88	87	91	84	91	91
Total Direct Man-Hours	3,455	2,899	2,878	2,848	2,974	2,979	3,207	2,999	3,031	3,223	3,011	3,111	3,042
Aver Hrs per Direct Worker in Month	201	194	194	190	193	179	193	178	178	185	172	185	185
Net Direct Employment	17,168	14,943	14,835	14,989	15,409	16,642	16,617	16,848	17,028	17,422	17,506	16,816	16,443
Total Net Employment	49,814	46,943	46,235	45,989	45,909	46,642	46,317	46,148	45,928	46,022	45,806	44,716	43,943

LOCKHEED, BURBANK (Plants "A" and "B") (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
P-80A Direct Man-Hours	404	472	598	788	923	1,233	1,253	1,310	1,415	1,272	1,282	1,220	1,171
P-38L Direct Man-Hours	618	427	401	184	76	28	—	—	—	—	—	—	—
B-17G Direct Man-Hours	435	182	36	—	—	—	—	—	—	—	—	—	—
C-69, 49 and 549 Direct Man-Hours	470	542	540	614	618	695	689	790	877	794	945	1,022	1,078
PV-2 Direct Man-Hours	820	786	755	790	526	350	252	244	250	220	158	69	—
XP-2V-1 Direct Man-Hours[36]	36	31	25	20	13	11	8	5	2	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	87	94	95	112	135	155	188	199	204	211	231	257	291
XR-60-1 Direct Man-Hours	65	83	88	102	106	150	156	153	144	128	132	127	123
All Other Direct Man-Hours	108	101	100	104	92	94	88	87	91	84	91	91	91
Total Direct Man-Hours	3,043	2,721	2,638	2,714	2,489	2,716	2,634	2,788	2,983	2,703	2 839	2,786	2,757
Aver. Hrs. per Direct Worker in Month	196	194	190	193	179	193	178	178	185	172	185	185	185
Net Direct Employment	15,528	14,026	13,884	14,062	13,905	14,073	14,798	15,663	16,124	15,750	15,346	15 059	14,903
Total Net Employment	46,251	42,750	42,110	41,790	41,430	41,200	41,620	42,285	42,550	41,875	41,170	40,580	40,130
	JUNE												
P-80A Direct Man-Hours	462	598	832	888	1,250	1,325	1,415	1,556	1,233	1,247	1,179	971	722
P-38L Direct Man-Hours	416	306	223	135	26	—	—	—	—	—	—	—	—
B-17G Direct Man-Hours	237	49	—	—	—	—	—	—	—	—	—	—	—
C-69, 49 and 549 Direct Man-Hours	526	512	602	600	726	754	788	867	831	941	1,021	1,033	1,061
PV-2 Direct Man-Hours	658	778	813	541	351	264	245	251	223	172	81	—	—
XP-2V-1 Direct Man-Hours[36]	29	20	16	11	14	13	7	4	—	—	—	—	—
XP-2V-1 Direct Man-Hours[37]	84	96	111	119	164	178	187	220	219	305	330	395	468
XR-60-1 Direct Man-Hours	79	86	106	117	163	168	173	171	157	171	173	181	181
All Other Direct Man-Hours	101	104	109	96	114	127	129	140	129	129	135	143	144
Total Direct Man-Hours	2,592	2,549	2,812	2,507	2,808	2,829	2,944	3,209	2,792	2,965	2,919	2,723	2,576
Aver. Hrs. per Direct Worker in Month	186	182	197	175	195	182	182	189	175	189	189	189	182
Net Direct Employment	13,920	14,006	14,272	14,325	14,400	15,544	16,176	16,979	15,954	15,688	15,444	14,407	14,154
Total Net Employment	40,718	37,846	37,407	36,793	36,339	37,090	37,465	38,096	36,883	36,428	35,996	34,772	34,333

MARTIN, BALTIMORE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
A-30 Direct Man-Hours	771	800	898	905	1,000	1,000	1,000	1,000	1,000	950	950	900	900
B-26 Direct Man-Hours	2,057	2,000	2,550	3,000	3,500	4,000	4,000	4,000	4,000	4,000	3,600	2,500	1,500
PBM-3 Direct Man-Hours	2,332	2,330	2,330	2,000	1,800	1,600	1,200	800	488	—	—	—	—
PBM-4 Direct Man-Hours	—	—	—	—	—	—	—	—	48	143	359	594	855
All Other Direct Man Hours	265	259	308	437	513	522	541	551	508	406	247	228	228
Total Direct Man-Hours	5,425	5,389	5,988[1]	6,402[2]	6,813	7,122	6,741	6,351	6,044	5,499	5,156	4,222	3,483
Aver. Hrs. per Direct Worker in Month	171	170	192	187	192	187	192	192	187	192	187	170	192
Direct Workers	31,723	31,700	31,700	34,235	35,486	38,086	35,109	33,078	32,321	28,641	27,572	24,835	18,141
Total Employees	51,929	51,900	51,900	55,135	56,680	60,000	56,110	53,878	51,800	45,900	44,000	39,800	29,000
	FEB.												
A-30 Direct Man-Hours	685	699	681	682	624	631	623	612	605	576	580	588	516
B-26 Direct Man-Hours	1,775	2,431	3,208	3,401	3,513	3,630	3,649	3,694	3,738	3,799	3,731	3,579	3,447
PBM-3 Direct Man-Hours	1,949	1,963	1,947	1,932	1,982	2,070	2,010	2,003	2,067	2,166	2,200	2,117	2,068
All Other Direct Man-Hours	538	680	872	960	982	1,009	1,005	1,007	890	745	723	706	686
Total Direct Man-Hours	4,947	5,773	6,708	6,975	7,101	7,340	7,287	7,316	7,300	7,286	7,234	6,990	6,717
Aver. Hrs. per Direct Worker in Month	156	185	198	198	198	205	198	198	198	198	198	198	190
Direct Workers	31,252	31,205	33,879	35,227	35,864	35,805	36,803	36,949	36,868	36,798	36,535	35,303	35,353
Total Employees	51,344	51,301	55,099	56,341	57,203	57,109	58,296	58,449	58,362	58,288	57,908	56,414	56,494
	MAR.												
B-26 Direct Man-Hours	1,924	1,745	1,505	1,464	1,450	1,605	1,703	1,805	2,057	2,085	2,317	2,317	2,317
A-30 Direct Man-Hours	661	637	618	606	590	595	599	604	616	554	554	554	554
PBM-3 Direct Man-Hours	1,797	1,580	1,580	1,397	1,360	1,370	1,397	1,596	1,995	2,157	2,157	2,157	2,157
All Other Direct Man-Hours	736	555	550	540	527	548	556	578	626	637	651	651	651
Total Direct Man-Hours	5,118	4,517	4,253	4,007	3,927	4,118	4,255	4,583	5,294	5,433	5,679	5,679	5,679
Aver. Hrs. per Direct Worker in Month	169	189	189	189	196	189	189	189	189	189	189	181	106
Direct Workers	27,633	23,900	22,500	21,200	20,036	21,789	22,513	24,249	28,011	28,746	30,048	30,048	30,048
Total Employees	48,647	45,200	43,250	41,100	39,036	39,539	41,266	43,769	49,159	50,306	52,000	52,000	52,000
	APR.												
B-26 Direct Man-Hours	1,765	1,722	1,727	1,830	1,908	2,118	2,190	2,190	2,190	2,190	2,087	2,267	2,087
A-30 Direct Man-Hours	481	480	485	506	517	542	559	559	559	559	533	579	533
PBM-3 Direct Man-Hours	1,275	1,303	1,325	1,514	1,556	1,634	1,677	1,677	1,677	1,677	1,598	1,737	1,598
All Other Direct Man-Hours	503	368	391	488	508	521	533	533	533	533	522	541	522
Total Direct Man-Hours	4,024	3,873	3,928	4,338	4,489	4,815	4,959	4,959	4,959	4,959	4,740	5,124	4,740
Aver. Hrs. per Direct Worker in Month	180	181	181	187	181	181	181	181	181	181	173	187	173
Direct Workers	22,355	21,400	21,700	23,200	24,800	26,600	27,400	27,400	27,400	27,400	27,400	27,400	27,400
Total Employees	45,553	45,000	45,500	47,200	49,000	51,000	52,000	52,000	52,000	53,000	52,000	52,000	52,000

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

MARTIN, BALTIMORE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
B-26 Direct Man Hours	1,809	1,790	1,813	1,864	2,033	2,157	2,090	1,984	1,960	1,835	1,984	1,835	1,984
A-30 Direct Man Hours	444	440	452	478	480	533	568	662	686	694	750	694	750
PBM-3 Direct Man Hours	1,052	1,010	1,180	1,255	1,386	1,390	1,395	1,382	1,382	1,320	1,428	1,320	1,428
All Other Direct Man-Hours	553	500	482	476	445	445	472	497	497	476	513	476	513
Total Direct Man Hours	3,858	3,740	3,927	4,073	4,344	4,525	4,525	4,525	4,525	4,325	4,675	4,325	4,675
Aver Hrs. per Direct Worker in Month	191	187	187	181	181	181	181	181	181	173	187	173	187
Direct Workers	20,145	20,000	21,000	22,500	24,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Total Employees	44,694	44,500	45,600	47,200	48,900	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	JUNE												
B-26 Direct Man-Hours	1,616	2,060	2,011	2,011	1,973	1,921	1,891	1,863	1,753	1,885	1,744	1,885	1,825
A-30 Direct Man-Hours	506	582	526	510	536	591	640	672	658	713	660	713	690
PBM-3 Direct Man Hours	969	1,266	1,278	1,316	1,341	1,337	1,320	1,308	1,253	1,359	1,257	1,359	1,315
All Other Direct Man-Hours	449	456	444	444	449	450	453	468	462	512	474	512	496
Total Direct Man-Hours	3,540	4,344	4,259	4,281	4,299	4,299	4,304	4,311	4,126	4,469	4,135	4,469	4,326
Aver Hrs. per Direct Worker in Month	181	187	181	181	181	181	181	181	173	187	173	187	181
Direct Workers	19,535	23,230	23,530	23,650	23,750	23,750	23,780	23,820	23,850	23,900	23,900	23,900	23,900
Total Employees	43,845	47,530	47,800	47,900	48,000	48,000	48,000	48,000	48,000	48,000	48,000	48,000	48,000
	JULY												
B-26 Direct Man-Hours	1,535	1,577	1,614	1,607	1,605	1,595	1,565	1,484	1,600	1,481	1,600	1,549	1,549
A-30 Direct Man-Hours	461	522	540	568	598	619	666	645	695	643	695	673	673
PBM-3 Direct Man-Hours	995	1,250	1,265	1,260	1,259	1,250	1,227	1,163	1,255	1,160	1,255	1,214	1,214
All Other Direct Man-Hours	425	396	406	427	431	445	456	452	500	461	498	482	482
Total Direct Man-Hours	3,416	3,745	3,825	3,862	3,893	3,909	3,914	3,744	4,050	3,745	4,048	3,918	3,918
Aver Hrs. per Direct Worker in Month	182	181	181	181	181	181	181	173	187	173	187	181	181
Direct Workers	18,794	20,691	21,132	21,337	21,508	21,597	21,625	21,642	21,658	21,647	21,647	21,646	21,646
Total Employees	43,331	45,191	45,607	45,787	45,933	45,997	46,000	46,002	46,003	45,992	45,992	45,991	45,991
	AUG.												
B-26 Direct Man-Hours	1,237	1,647	1,567	1,537	1,536	1,536	1,479	1,601	1,479	1,601	1,536	1,536	1,601
A-30 Direct Man-Hours	501	529	547	573	596	654	643	696	643	696	667	667	696
PBM-3 Direct Man-Hours	949	1,134	1,163	1,205	1,204	1,204	1,160	1,255	1,160	1,255	1,204	1,204	1,255
All Other Direct Man-Hours	517	545	598	578	576	537	540	585	540	585	562	562	585
Total Direct Man-Hours	3,204	3,855	3,875	3,893	3,912	3,931	3,822	4,137	3,822	4,137	3,969	3,969	4,137
Aver. Hrs. per Direct Worker in Month	177	189	189	189	189	189	182	197	182	197	189	189	197
Direct Workers	18,142	20,400	20,500	20,600	20,700	20,800	21,000	21,000	21,000	21,000	21,000	21,000	21,000
Total Employees	42,732	45,000	45,100	45,200	45,300	45,400	45,600	45,600	45,600	45,600	45,600	45,600	45,600
	SEPT.												
B-26 Direct Man-Hours	1,348	1,683	1,668	1,602	1,589	1,513	1,606	1,465	1,581	1,517	1,517	1,581	1,517
A-30 Direct Man-Hours	534	625	639	668	740	745	886	847	915	878	878	915	878
PBM-3 Direct Man-Hours	838	901	978	1,137	1,217	1,171	1,232	1,122	1,225	1,162	1,162	1,211	1,162
All Other Direct Man-Hours	631	781	723	628	525	514	542	514	555	544	544	568	544
Total Direct Man-Hours	3,351	3,990	4,008	4,035	4,071	3,943	4,268	3,948	4,276	4,101	4,101	4,275	4,101
Aver. Hrs. per Direct Worker in Month	187	189	189	189	189	182	197	182	197	189	189	197	189
Direct Workers	17,918	21,110	21,200	21,350	21,550	21,700	21,700	21,700	21,700	21,700	21,700	21,700	21,700
Total Employees	42,197	45,400	45,500	45,650	45,850	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000
	OCT.												
B-26 Direct Man-Hours	1,338	1,642	1,664	1,560	1,479	1,464	1,241	1,238	1,089	907	799	558	339
A-30 Direct Man-Hours	532	540	537	500	492	559	567	661	721	771	907	878	878
PBM-3 Direct Man-Hours	834	840	972	1,128	1,190	1,272	1,141	1,222	1,162	1,109	1,209	1,162	1,162
JRM-1, etc., Direct Man-Hours [28]	—	—	—	—	—	123	165	290	345	429	597	782	1,015
All Other Direct Man-Hours	654	700	629	516	543	620	590	627	563	488	526	500	486
Total Direct Man-Hours	3,358	3,722	3,802	3,704	3,704	4,038	3,704	4,038	3,880	3,704	4,038	3,880	3,880
Aver Hrs. per Direct Worker in Month	188	198	198	189	189	206	189	206	198	189	206	198	198
Direct Workers	17,850	18,800	19,200	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600
Total Employees	42,100	43,000	43,300	43,600	43,600	43,600	43,600	43,600	43,600	43,600	43,600	43,600	43,600
	NOV.												
B-26 Direct Man Hours	1,421	1,460	1,437	1,427	1,494	1,341	1,238	1,089	907	799	558	339	142
A-30 Direct Man-Hours	587	570	527	525	595	567	661	721	771	907	878	878	878
PBM-3 Direct Man-Hours	632	972	1,128	1,188	1,297	1,141	1,222	1,162	1,109	1,209	1,162	1,162	1,162
B-35 and JRM-1, etc. Direct Man-Hours [29]	—	—	—	—	—	—	255	345	429	597	782	1,015	1,222
All Other Direct Man-Hours	777	568	489	498	617	655	662	563	488	526	500	486	476
Total Direct Man-Hours	3,417	3,570	3,581	3,638	4,003	3,704	4,038	3,880	3,704	4,038	3,880	3,880	3,880
Aver. Hrs. per Direct Worker in Month	191	194	189	189	206	189	206	198	189	206	198	198	198
Direct Workers	17,878	18,400	18,950	19,250	19,450	19,600	19,600	19,600	19,600	19,600	19,600	19,600	19,600
Total Employees	42,274	42,750	43,200	43,400	43,500	43,600	43,600	43,600	43,600	43,600	43,600	43,600	43,600

MARTIN, BALTIMORE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
B-26 Direct Man-Hours	1,442	1,450	1,436	1,446	1,402	1,512	1,438	1,357	1,464	1,407	374	962	374
A-30 Direct Man-Hours	591	592	590	683	626	674	640	596	635	597	363	577	545
PBM Direct Man-Hours	917	1,020	1,050	1,298	1,158	1,237	1,162	1,137	1,169	1,113	1,100	1,388	1,027
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	10	15	25	207	340
JRM-1 Direct Man-Hours	—	—	—	—	—	18	40	40	80	90	137	310	466
B-35 Direct Man-Hours	—	—	—	—	—	—	—	—	33	60	100	358	533
All Other Direct Man-Hours	373	378	402	446	443	535	561	553	647	638	641	856	684
Total Direct Man-Hours	3,323	3,440	3,478	3,873	3,629	3,976	3,841	3,686	4,038	3,920	3,960	4,158	3,969
Aver Hrs. per Direct Worker in Month	187	189	189	206	189	206	198	189	206	198	198	198	189
Direct Workers	17,739	18,200	18,400	18,800	19,200	19,300	19,400	19,500	19,600	19,800	20,000	21,000	21,000
Total Employees	42,219	42,700	42,900	43,200	43,600	43,600	43,600	43,600	43,700	43,800	44,000	45,000	45,000
	1944 JAN.[3]												
B-26 Direct Man Hours	1,494	—	—	—	—	—	—	—	—	—	—	—	—
A-30 Direct Man-Hours	615	—	—	—	—	—	—	—	—	—	—	—	—
PBM 3 Direct Man-Hours	922	—	—	—	—	—	—	—	—	—	—	—	—
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
JRM-1 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
B 35 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	430	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,461	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	199	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	17,417	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	41,987	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-26 Direct Man-Hours	1,529	1,525	1,402	1,512	1,438	1,357	1,464	1,407	1,374	962	374	56	—
A-30 Direct Man-Hours	591	614	600	635	630	596	635	597	583	577	545	587	511
PBM-3 Direct Man-Hours	1,028	1,138	1,105	1,196	1,152	1,137	1,169	1,113	1,100	1,088	1,027	1,155	866
BTM Direct Man-Hours	—	—	—	—	—	—	10	15	25	207	441	705	698
JRM-1 Direct Man-Hours	—	—	—	14	30	30	60	67	103	233	387	456	463
B-35 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	18	32
All Other Direct Man-Hours	320	392	389	539	571	566	679	662	676	794	912	1,040	948
Total Direct Man-Hours	3,468	3,667	3,496	3,896	3,821	3,686	4,017	3,861	3,861	3,861	3,686	4,017	3,548
Aver. Hrs. per Direct Worker in Month	201	206	189	206	198	189	206	198	198	198	189	206	181
Direct Workers	17,295	17,800	18,500	19,000	19,300	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,600
Total Employees	42,053	42,500	43,200	43,600	43,800	43,900	43,900	43,900	43,900	43,900	43,900	43,900	44,000
	MAR.												
B-26 Direct Man-Hours	1,576	1,418	1,493	1,438	1,369	1,431	1,390	1,188	909	340	50	—	—
A-30 Direct Man-Hours	566	202	65	—	—	—	—	—	—	—	—	—	—
PBM-3 Direct Man-Hours	1,000	1,110	1,274	1,219	1,137	1,233	1,153	1,140	1,128	1,074	1,157	935	975
BTM Direct Man-Hours	—	—	—	—	—	10	25	105	207	421	705	698	836
JRM-1 Direct Man-Hours	—	—	24	30	30	60	75	103	233	387	456	463	572
B-35 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	18	32	103
All Other Direct Man-Hours	259	332	481	521	526	603	614	711	770	896	1,013	949	1,016
Total Direct Man-Hours	3,401	3,062	3,337	3,208	3,062	3,337	3,247	3,247	3,247	3,118	3,399	3,077	3,502
Aver Hrs. per Direct Worker in Month	199	189	206	198	189	206	198	198	198	189	206	181	206
Direct Workers	17,083	16,200	16,200	16,200	16,200	16,200	16,400	16,400	16,400	16,500	16,500	17,000	17,000
Total Employees	42,035	40,700	40,400	40,200	40,000	40,000	40,000	40,000	40,000	40,000	40,500	40,500	40,500
	APR.												
B-36 Direct Man-Hours	1,339	1,468	1,365	1,310	1,391	1,284	1,160	909	396	50	—	—	—
A-30 Direct Man-Hours	222	20	—	—	—	—	—	—	—	—	—	—	—
PBM Direct Man-Hours	968	1,074	1,119	1,030	1,100	1,067	1,076	1,128	1,119	1,287	1,075	1,203	1,106
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	15	84	108	174	201
JRM-1 Direct Man-Hours	—	24	30	30	60	75	103	233	425	596	523	632	573
B-35 Direct Man-Hours	—	—	—	—	—	—	—	—	12	48	62	75	90
All Other Direct Man-Hours	321	413	456	465	539	544	631	700	868	1,025	947	1,006	903
Total Direct Man-Hours	2,850	2,999	2,970	2,835	3,090	2,970	2,970	2,970	2,835	3,090	2,715	3,090	2,873
Aver. Hrs. per Direct Worker in Month	176	196	198	189	206	198	198	198	189	206	181	206	189
Direct Workers	16,213	15,300	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,200
Total Employees	41,122	39,900	39,300	39,000	38,700	38,400	38,100	37,800	37,500	37,400	37,400	37,400	37,600
	MAY												
B-26 Direct Man-Hours	1,314	1,330	1,251	1,338	1,257	1,048	760	346	9	—	—	—	—
B-29 Nacelle Direct Man-Hours	22	45	85	116	142	182	230	270	320	328	406	402	476
A-30 Direct Man-Hours	70	—	—	—	—	—	—	—	—	—	—	—	—
PBM Direct Man-Hours	1,012	1,084	1,028	1,104	1,034	1,011	990	929	949	861	969	877	952
JRM Direct Man-Hours	2	10	15	21	34	167	434	754	1,170	1,000	1,103	923	801
BTM Direct Man-Hours	—	—	—	—	—	—	—	5	10	16	42	124	316

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

MARTIN, BALTIMORE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
All Other Direct Man-Hours	411	448	427	463	444	426	418	399	424	385	433	388	421
Total Direct Man-Hours	2,832	2,917	2,806	3,042	2,911	2,834	2,832	2,703	2,832	2,590	2,955	2,714	2,966
Aver. Hrs. per Direct Worker in Month	200	198	189	206	198	198	198	189	198	181	206	189	206
Net Direct Employment	14,154	14,732	14,847	14,767	14,702	14,311	14,305	14,300	14,302	14,310	14,343	14,361	14,398
Total Net Employment	38,003	37,432	37,047	36,467	35,902	35,011	34,305	34,000	34,002	34,010	34,043	34,061	34,098
	JUNE												
B-26 Direct Man-Hours	1,181	1,257	1,345	1,276	1,059	764	347	9	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	52	85	114	143	183	231	270	320	329	408	402	475	453
PBM Direct Man-Hours	958	1,020	1,101	1,043	1,022	998	928	952	858	965	878	949	863
JRM Direct Man-Hours	12	19	46	67	189	396	726	1,107	979	1,203	1,136	1,198	1,069
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	11	76	219	533	844
All Other Direct Man-Hours	476	469	487	460	455	444	432	446	417	481	453	515	491
Total Direct Man-Hours	2,679	2,850	3,093	2,989	2,908	2,833	2,703	2,834	2,594	3,133	3,088	3,670	3,720
Aver. Hrs per Direct Worker in Month	202	189	206	198	198	198	189	198	181	206	189	206	189
Net Direct Employment	13,256	15,079	15,015	15,096	14,687	14,308	14,302	14,313	14,331	15,209	16,339	17,816	19,683
Total Net Employment	35,761	37,279	36,715	36,296	35,387	34,508	34,002	34,013	34,031	34,909	36,039	37,516	38,383
	JULY												
B-26 Direct Man-Hours	1,027	1,426	1,354	1,298	854	238	6	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	71	152	207	239	261	310	356	357	449	404	487	369	439
PBM Direct Man-Hours	843	1,070	1,014	999	984	1,022	949	857	964	878	945	861	894
JRM Direct Man Hours	22	69	170	229	495	894	1,149	1,002	1,214	1,132	1,303	1,221	1,237
BTM Direct Man-Hours	—	—	—	—	—	—	4	28	82	190	429	782	1,250
All Other Direct Man-Hours	378	470	453	443	429	414	441	409	473	436	505	487	533
Total Direct Man-Hours	2,341	3,187	3,198	3,213[3]	3,208[3]	2,878	2,905	2,653	3,182	3,040	3,669	3,720	4,353
Aver Hrs per Direct Worker in Month	186	206	198	198	198	189	198	181	206	189	206	189	198
Net Direct Employment	12,559	15,471	16,152	16,228	15,268	15,230	14,666	14,655	15,445	16,085	17,809	19,683	21,983
Total Net Employment	33,682	36,471	36,952	36,928	35,468	34,930	34,366	34,355	35,145	35,785	37,509	39,383	41,783
	AUG.												
B-26 Direct Man-Hours	1,017	887	875	853	740	722	371	108	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	162	309	330	337	374	397	385	490	425	484	421	415	410
PBM Direct Man-Hours	935	1,152	1,198	1,198	1,144	1,192	1,065	1,164	1,022	1,075	1,008	1,075	1,112
JRM Direct Man-Hours	52	184	221	515	644	925	1,030	1,231	1,134	1,301	1,221	1,235	1,216
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	—	4	29	77	206
All Other Direct Man-Hours	402	437	446	466	456	490	451	490	442	480	445	454	466
Total Direct Man-Hours	2,568	2,969	3,070	3,369	3,358	3,726	3,302	3,483	3,023	3,344	3,124	3,256	3,410
Aver Hrs. per Direct Worker in Month	210	198	198	198	189	198	181	206	189	206	189	198	206
Net Direct Employment	12,230	14,995	15,505	17,015	17,767	18,818	18,243	16,908	15,995	16,233	16,529	16,444	16,553
Total Net Employment	32,862	35,395	35,705	37,015	37,467	38,518	37,943	36,608	35,695	35,933	36,229	36,144	36,253
	SEPT.												
B-26 Direct Man-Hours	757	824	735	586	459	231	44	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	195	251	287	299	344	361	448	415	440	384	384	384	338
PBM Direct Man-Hours	939	1,119	1,069	1,010	1,091	1,062	1,258	1,198	1,313	1,204	1,254	1,272	1,103
JRM Direct Man-Hours	72	78	168	300	430	495	763	813	879	779	849	901	786
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	4	28
All Other Direct Man-Hours	403	444	432	413	419	390	450	432	465	424	438	442	394
Total Direct Man-Hours	2,366	2,716	2,691	2,608	2,743	2,539	2,963	2,858	3,097	2,791	2,920	3,003	2,649
Aver Hrs per Direct Worker in Month	192	198	198	189	198	181	206	289	206	189	198	206	189
Net Direct Employment	12,339	13,717	13,590	13,799	13,854	14,028	14,383	15,122	15,034	14,767	14,747	14,578	14,016
Total Net Employment	33,387	34,617	34,190	34,099	38,854	33,728	33,783	34,222	33,834	33,267	32,947	32,578	32,016
	OCT.												
B-26 Direct Man-Hours	753	673	500	348	68	3	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	219	282	313	359	379	490	487	494	429	431	401	218	59
PBM Direct Man-Hours	1,038	1,249	1,201	1,219	1,092	1,210	1,106	1,206	1,106	1,159	1,206	1,102	1,177
JRM Direct Man-Hours	80	150	250	437	654	845	842	1,051	1,002	1,080	1,155	981	882
BTM Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	4	28	80
All Other Direct Man-Hours	407	419	401	416	378	431	421	472	437	455	471	419	418
Total Direct Man Hours	2,497	2,773	2,665	2,779	2,571	2,983[3]	2,836[3]	3,223	2,974	3,126	3,237	2,748	2,616
Aver Hrs per Direct Worker in Month	198	198	189	198	181	206	189	206	189	198	206	189	206
Net Direct Employment	12,595	14,005	14,101	14,035	14,204	14,481	15,005	15,646	15,735	15,788	15,714	14,540	12,699
Total Net Employment	33,686	34,905	34,701	34,335	34,204	34,181	34,405	34,746	34,535	34,288	33,914	32,540	30,699
	NOV.												
B-26 Direct Man-Hours	785	550	409	170	34	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	212	256	317	328	414	417	479	438	442	442	340	133	3
PBM Direct Man-Hours	1,091	1,084	1,183	1,077	1,224	1,124	1,207	1,108	1,161	1,207	1,108	1,207	1,161
JRM Direct Man-Hours	96	138	326	503	839	842	1,101	1,052	1,130	1,205	1,014	882	636
BTM Direct Man-Hours	—	—	—	—	3	10	19	25	65	92	174	232	316

MARTIN, BALTIMORE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 NOV.												
All Other Direct Man-Hours	374	370	419	378	431	422	473	441	452	478	431	432	397
Total Direct Man-Hours	2,558	2,398	2,654	2,556	2,942[3]	2,815	3,279	3,065	3,260	3,424	3,067	2,886	2,513
Aver. Hrs. per Direct Worker in Month	197	181	198	181	206	189	206	189	198	206	189	206	198
Net Direct Employment	12,979	13,249	13,404	14,122	14,282	14,894	15,917	16,217	16,465	16,621	16,228	14,010	12,692
Total Net Employment	33,792	33,849	33,704	34,122	33,982	34,294	35,017	35,017	34,965	34,821	34,228	32,010	30,692
	DEC.												
B-26 Direct Man-Hours	630	470	212	96	—	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	214	358	379	489	466	492	420	423	418	383	418	402	383
PBM Direct Man-Hours	978	1,095	1,001	1,138	1,045	1,139	1,045	1,095	1,139	1,045	1,139	1,095	1,045
JRM Direct Man-Hours	129	237	355	456	473	640	640	673	721	662	583	428	289
BTM Direct Man-Hours	—	—	—	—	8	16	22	28	42	60	134	221	300
All Other Direct Man-Hours	348	482	457	551	535	551	507	548	564	524	688	719	728
Total Direct Man-Hours	2,299	2,642	2,404	2,730	2,527	2,838	2,634	2,767	2,884	2,674	2,962	2,865	2,745
Aver. Hrs. per Direct Worker in Month	178	198	181	206	189	206	189	198	206	189	206	198	189
Net Direct Employment	12,894	13,343	13,282	13,252	13,370	13,777	13,937	13,975	14,000	14,148	14,379	14,470	14,529
Total Net Employment	33,421	33,943	33,702	33,692	33,695	33,497	33,297	33,105	33,095	33,293	33,599	33,705	33,694
	1945 JAN.												
B-26 Direct Man Hours	592	335	167	—	—	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	294	379	489	466	492	420	423	418	383	418	402	383	402
PBM Direct Man-Hours	1,111	1,001	1,138	1,045	1,139	1,045	1,095	1,139	1,045	1,139	1,095	1,045	1,095
JRM Direct Man-Hours	197	355	456	473	640	640	673	721	662	583	428	289	156
BTM Direct Man-Hours	—	—	—	8	16	22	28	42	60	134	221	300	396
All Other Direct Man-Hours	408	334	480	535	551	507	548	564	524	688	719	728	859
Total Direct Man-Hours	2,602	2,404	2,730	2,527	2,838	2,634	2,767	2,884	2,674	2,962	2,865	2,745	2,908
Aver. Hrs. per Direct Worker in Month	205	181	206	189	206	189	198	206	189	206	198	189	198
Net Direct Employment	12,680	13,282	13,252	13,370	13,777	13,937	13,975	14,000	14,148	14,379	14,470	14,523	14,687
Total Net Employment	33,119	33,702	33,692	33,695	33,497	33,297	33,105	33,095	33,293	33,599	33,705	33,694	33,827
	FEB.												
B-26 Direct Man-Hours	320	167	—	—	—	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	307	489	466	492	420	423	418	383	418	402	383	402	367
PBM Direct Man-Hours	982	1,138	1,045	1,139	1,045	1,095	1,139	1,045	1,139	1,095	1,045	1,095	1,001
JRM Direct Man-Hours	251	456	473	640	640	673	721	662	583	428	289	156	34
BTM Direct Man-Hours	—	—	8	16	22	28	42	60	134	221	300	396	472
All Other Direct Man-Hours	374	480	535	551	507	548	564	524	688	719	729	859	790
Total Direct Man-Hours	2,234	2,730	2,527	2,838	2,634	2,767	2,884	2,674	2,962	2,865	2,746	2,908	2,664
Aver. Hrs. per Direct Worker in Month	178	206	189	206	189	198	206	189	206	198	189	198	181
Net Direct Employment	12,545	13,252	13,370	13,777	13,937	13,975	14,000	14,148	14,379	14,470	14,529	14,687	14,718
Total Net Employment	33,028	33,692	33,695	33,497	33,297	33,105	33,095	33,293	33,599	33,705	33,694	33,827	33,803
	MAR.												
B-26 Direct Man-Hours	132	13	—	—	—	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	412	466	492	420	423	418	383	418	402	383	402	367	402
PBM Direct Man-Hours	1,080	1,045	1,139	1,045	1,095	1,139	1,045	1,139	1,095	1,045	1,095	1,001	792
JRM Direct Man-Hours	348	473	640	640	673	721	661	583	428	289	151	34	—
BTM Direct Man-Hours	—	8	16	22	28	42	60	134	221	301	396	472	874
All Other Direct Man-Hours	389	503	530	488	528	543	506	667	699	709	839	752	833
Total Direct Man-Hours	2,361	2,508	2,817	2,615	2,747	2,863	2,655	2,941	2,845	2,727	2,883	2,646[3]	2,901
Aver. Hrs. per Direct Worker in Month	198	189	206	189	198	206	189	206	198	189	198	181	198
Net Direct Employment	11,936	13,270	13,675	13,836	13,874	13,898	14,048	14,277	14,369	14,429	14,561	14,619	14,652
Total Net Employment	32,362	33,395	33,195	32,996	32,804	32,798	32,993	33,297	33,404	33,394	33,501	33,502	33,502
	APR.												
B-26 Direct Man-Hours	18	—	—	—	—	—	—	—	—	—	—	—	—
B-29 Nacelle Direct Man-Hours	403	492	420	423	418	383	418	402	383	402	367	402	402
PBM Direct Man-Hours	995	836	682	657	651	597	655	647	636	665	605	658	655
JRM Direct Man-Hours	335	640	640	673	721	661	583	428	289	151	34	—	—
BTM Direct Man-Hours	5	16	22	28	42	60	134	221	301	396	472	874	1,202
All Other Direct Man-Hours	396	490	445	486	505	464	505	466	445	468	444	447	447
Total Direct Man-Hours	2,152	2,474	2,209	2,267	2,337	2,165	2,295	2,164	2,054	2,080	1,922	2,381	2,067
Aver. Hrs. per Direct Worker in Month	186	206	189	198	206	189	206	198	189	198	181	198	198
Net Direct Employment	11,549	12,010	11,688	11,449	11,345	11,455	11,141	10,929	10,868	10,505	10,619	12,025	13,667
Total Net Employment	31,423	31,010	30,288	29,249	28,145	27,255	25,941	24,729	23,968	23,105	23,219	25,425	30,067
	MAY												
B-29 Nacelle Direct Man-Hours	496	420	423	418	383	418	402	383	402	367	402	402	418
PBM Direct Man-Hours	963	803	833	862	792	864	845	823	859	780	848	844	814
JRM Direct Man-Hours	390	595	653	721	661	583	428	289	151	34	—	—	—
BTM Direct Man-Hours	4	22	28	42	60	134	221	301	396	472	874	1,202	1,733

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours In Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment In Units)

MARTIN BALTIMORE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 MAY												
Av. Other Direct Man Hours	111	139	115	463	476	463	425	407	425	389	406	406	422
Total Direct Man Hours	2,297	2,279	2,382	2,506	2,522	2,362	2,322	2,203	2,233	2,042	2,530	2,854	3,387
Aver. Hrs. per Direct Worker in Month	206	189	198	206	189	206	198	189	198	181	198	198	206
Net Direct Employment	11,294	12,065	12,030	12,165	12,286	11,951	11,727	11,656	11,278	11,282	12,778	14,414	16,442
Total Net Employment	30,234	31,215	30,295	29,545	28,996	28,546	27,897	27,146	26,498	26,497	29,778	33,154	36,202
	JUNE												
B-29 Needle Direct Man Hours	706	423	418	383	418	402	383	402	367	402	402	418	344
IBM Direct Man Hours	767	833	862	792	861	846	823	859	780	848	844	814	622
JRM Direct Man Hours	338	653	721	661	583	428	289	151	34	—	—	—	—
BTM Direct Man-Hours	6	28	42	60	134	221	301	396	472	874	1,202	1,733	1,673
All Other Direct Man Hours	346	445	463	426	463	425	407	425	389	406	406	422	353
Total Direct Man-Hours	1,960	2,382	2,506	2,322	2,462	2,322	2,203	2,233	2,042	2,530	2,854	3,387	2,992
Aver Hrs per Direct Worker in Month	186	198	206	189	206	198	189	198	181	198	198	206	181
Net Direct Employment	10,565	12,030	12,165	12,286	11,951	11,727	11,656	11,278	11,282	12,778	14,414	16,442	16,530
Total Net Employment	28,359	30,295	29,545	28,996	28,546	27,897	27,146	26,498	26,497	29,778	33,154	36,202	36,290

MARTIN, OMAHA

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-26C Direct Man-Hours	953	1,530	1,622	1,696	1,760	1,859	1,882	1,882	1,882	1,882	1,882	—	—
All Other Direct Man-Hours	355	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,308	1,530	1,622	1,696	1,760	1,859	1,882	1,882	1,882	1,882	1,882	—	—
Aver. Hrs per Direct Worker in Month	194	204	208	212	216	224	224	224	224	224	224	—	—
Direct Workers	6,725	7,500	7,800	8,000	8,150	8,300	8,400	8,400	8,400	8,400	8,400	—	—
Total Employees	9,558	10,670	11,000	11,225	11,400	11,575	11,700	11,700	11,700	11,700	11,700	—	—
	FEB.												
B-26C Direct Man-Hours	976	1,421	1,399	1,433	1,467	1,563	1,536	1,570	1,604	1,638	—	—	—
All Other Direct Man-Hours	240	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,216	1,421	1,399	1,433	1,467	1,563	1,536	1,570	1,604	1,638	—	—	—
Aver. Hrs per Direct Worker in Month	178	203	195	195	195	203	195	195	195	195	—	—	—
Direct Workers	6,821	7,000	7,175	7,350	7,525	7,700	7,875	8,050	8,225	8,400	—	—	—
Total Employees	9,987	10,200	10,400	10,600	10,800	11,000	11,175	11,350	11,525	11,700	—	—	—
	MAR.												
B-26C Direct Man-Hours	1,194	1,530	1,649	1,955	2,012	1,955	2,074	2,295	2,805	—	—	—	—
All Other Direct Man-Hours	209	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,403	1,530	1,649	1,955	2,012	1,955	2,074	2,295	2,805	—	—	—	—
Aver. Hrs. per Direct Worker in Month	209	225	225	225	234	225	225	225	225	—	—	—	—
Direct Workers	6,713	6,800	7,300	8,600	8,600	8,600	9,200	10,200	12,400	—	—	—	—
Total Employees	9,905	10,025	10,550	11,875	11,900	11,900	12,500	13,500	15,700	—	—	—	—
	APR.												
B-26C Direct Man-Hours	1,167	1,649	1,955	2,012	1,955	2,074	2,295	2,805	—	—	—	—	—
All Other Direct Man-Hours	160	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,327	1,649	1,955	2,012	1,955	2,074	2,295	2,805	—	—	—	—	—
Aver Hrs per Direct Worker in Month	206	225	225	234	225	225	225	225	—	—	—	—	—
Direct Workers	6,458	7,300	8,600	8,600	8,600	9,200	10,200	12,400	—	—	—	—	—
Total Employees	9,801	10,550	11,875	11,900	11,900	12,500	13,500	15,700	—	—	—	—	—
	MAY												
B-26C Direct Man-Hours	1,136	1,175	1,224	1,190	1,214	1,299	1,330	1,340	1,381	1,325	1,437	1,094	—
All Other Direct Man-Hours	83	105	105	90	80	75	75	75	75	75	35	27	—
Total Direct Man-Hours	1,219	1,280	1,329	1,280	1,324	1,374	1,405	1,415	1,456	1,400	1,472	1,121	—
Aver. Hrs per Direct Worker in Month	198	208	216	208	208	208	208	208	208	200	216	208	—
Direct Workers	6,155	6,155	6,155	6,155	6,365	6,605	6,755	6,805	7,000	7,000	6,820	5,389	—
Total Employees	9,676	9,655	9,655	9,655	9,865	10,105	10,255	10,305	10,500	10,500	10,320	8,900	—
	JUNE												
B-26C Direct Man-Hours	833	967	1,013	1,034	1,091	1,122	1,132	1,173	1,125	1,201	1,165	1,201	1,213
All Other Direct Man Hours	102	105	100	80	75	75	75	75	75	35	35	35	35
Total Direct Man-Hours	935	1,072	1,113	1,114	1,166	1,197	1,207	1,248	1,200	1,236	1,200	1,236	1,248
Aver Hrs per Direct Worker in Month	187	208	216	208	208	208	208	208	200	216	200	216	208
Direct Workers	4,987	5,155	5,155	5,355	5,605	5,755	5,805	6,000	6,000	6,000	6,000	6,000	6,000
Total Employees	9,562	9,655	9,655	9,855	10,105	10,255	10,305	10,500	10,500	10,500	10,500	10,500	10,500
	JULY												
B-25C Direct Man Hours	832	862	862	862	862	862	767	607	121				
B-29 Direct Man Hours	—	—	11	14	19	29	128	334	954	1,064	1,232	1,269	1,271
All Other Direct Man-Hours	93	102	97	97	97	92	92	50	30	20	20	22	24
Total Direct Man Hours	925	964	970	973	978	983	987	991	1,105	1,084	1,252	1,291	1,295

MARTIN, OMAHA (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
Aver. Hrs. per Direct Worker in Month	196	203	203	203	203	203	203	195	210	195	210	203	203
Direct Workers	4,720	4,750	4,780	4,800	4,820	4,840	4,860	5,080	5,260	5,560	5,960	6,360	6,660
Total Employees	9,503	9,550	9,580	9,600	9,620	9,640	9,660	9,900	10,100	10,420	10,840	11,260	11,580
	AUG.												
B-26C Direct Man-Hours	940	862	862	862	862	767	600	120	—	—	—	—	—
B-29 Direct Man-Hours	5	30	30	30	35	90	215	805	1,001	1,208	1,367	1,365	1,363
All Other Direct Man-Hours	87	102	102	102	97	97	82	62	52	52	54	56	58
Total Direct Man-Hours	1,032	994	994	994	994	954	897	987	1,053	1,260	1,421	1,421	1,421
Aver. Hrs. per Direct Worker in Month	216	203	203	203	203	203	195	210	195	210	203	203	210
Direct Workers	4,770	4,900	4,900	4,900	4,900	4,700	4,600	4,700	5,400	6,000	7,000	7,000	7,000
Total Employees	9,727	9,900	9,900	9,900	9,900	9,600	9,300	9,500	10,300	11,000	12,900	12,000	12,000
	SEPT.												
B-26C Direct Man-Hours	821	837	837	837	744	583	118	—	—	—	—	—	—
B-29 Direct Man-Hours	1	47	69	79	183	324	911	1,069	1,289	1,345	1,345	1,397	1,381
All Other Direct Man-Hours	153	151	149	149	149	146	126	101	76	76	76	73	40
Total Direct Man-Hours	975	1,035	1,055	1,065	1,076	1,053	1,155	1,170	1,365	1,421	1,421	1,470	1,421
Aver. Hrs. per Direct Worker in Month	200	203	203	203	203	195	210	195	210	203	203	210	203
Direct Workers	4,865	5,100	5,200	5,250	5,300	5,400	5,500	6,000	6,500	7,000	7,000	7,000	7,000
Total Employees	10,175	10,500	10,600	10,650	10,700	10,800	10,900	11,450	11,950	12,500	12,500	12,500	12,500
	OCT.												
B-26 Direct Man-Hours	808	682	620	558	496	434	273	93	—	—	—	—	—
B-29 Direct Man-Hours	20	204	287	369	411	595	796	1,196	1,345	1,345	1,397	1,381	1,381
All Other Direct Man-Hours	139	149	149	149	146	126	101	76	76	76	73	40	40
Total Direct Man-Hours	967	1,035	1,056	1,076	1,053	1,155	1,170	1,365	1,421	1,421	1,470	1,421	1,421
Aver. Hrs. per Direct Worker in Month	201	203	203	203	195	210	195	210	203	203	210	203	203
Direct Workers	4,810	5,100	5,200	5,300	5,400	5,500	6,000	6,500	7,000	7,000	7,000	7,000	7,000
Total Employees	10,561	10,800	10,850	10,900	10,950	11,050	11,500	12,000	12,500	12,500	12,500	12,500	12,500
	NOV.												
B-26C Direct Man-Hours	678	620	558	496	434	273	—	—	—	—	—	—	—
B-29 Direct Man-Hours	20	139	255	298	457	576	986	1,002	969	1,103	1,134	1,154	1,191
All Other Direct Man-Hours	257	241	217	204	196	168	152	154	151	157	124	125	128
Total Direct Man-Hours	955	1,000	1,030	998	1,087	1,017	1,138	1,156	1,120	1,260	1,258	1,279	1,319
Aver. Hrs. per Direct Worker in Month	196	200	200	192	207	192	207	203	203	210	203	203	203
Direct Workers	4,864	5,000	5,150	5,200	5,250	5,300	5,500	5,700	5,517	6,000	6,200	6,300	6,300
Total Employees	10,849	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,417	10,800	10,800	10,800	10,800
	DEC.												
B-26C Direct Man-Hours	612	558	496	434	273	—	—	—	—	—	—	—	—
B-29 Direct Man-Hours	134	255	298	457	576	986	1,002	1,043	1,103	1,134	1,154	1,191	1,191
All Other Direct Man-Hours	199	217	204	196	168	152	154	157	157	124	125	128	128
Total Direct Man-Hours	945	1,030	998	1,087	1,017	1,138	1,156	1,200	1,260	1,258	1,279	1,319	1,319
Aver. Hrs. per Direct Worker in Month	196	200	192	207	192	207	203	203	210	203	203	203	203
Direct Workers	4,819	5,150	5,200	5,250	5,300	5,500	5,700	5,900	6,000	6,200	6,300	6,500	6,500
Total Employees	10,891	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800
	1944 JAN.[3]												
B-26C Direct Man-Hours	607	—	—	—	—	—	—	—	—	—	—	—	—
B-29 Direct Man-Hours	111[4]	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	163	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	881	—	—	—	—	—	—	—	—	—	—	—	—
Aver Hrs. per Direct Worker in Month	190	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	4,638	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	10,662	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-26C Direct Man-Hours	463	434	273										
B-29 Direct Man-Hours	105[4]	324	411	729	699	806	928	994	1,111	1,206	1,206	1,248	1,157
All Other Direct Man-Hours	156	132	122	120	107	113	122	122	107	113	113	117	111
Total Direct Man-Hours	724	890	806	849	806	913	1,050	1,116	1,218	1,319	1,319	1,365	1,268
Aver. Hrs. per Direct Worker in Month	164	207	192	207	203	203	210	203	203	203	203	210	195
Direct Workers	4,412	4,300	4,200	4,100	4,000	4,500	5,000	5,500	6,000	6,500	6,500	6,500	6,500
Total Employees	10,382	10,100	9,900	9,700	9,500	9,700	9,900	10,200	10,500	10,800	10,800	10,800	10,800
	MAR.												
B-26C Direct Man-Hours	256	149	—	—	—	—							
B-29 Direct Man-Hours	228	458	651	647	704	817	898	1,015	1,110	1,167	1,248	1,157	1,248
All Other Direct Man-Hours	157	123	115	104	108	115	117	102	108	112	117	111	117
Total Direct Man-Hours	641	730	766	751	812	932	1,015	1,117	1,218	1,279	1,365	1,268	1,365

TABLE 9. LABOR REQUIREMENTS – REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

MARTIN, OMAHA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
Aver. Hrs. per Direct Worker in Month	159	192	207	203	203	203	203	203	203	210	195	210	
Direct Workers	4,031	3,800	3,700	3,800	3,800	3,800	5,500	6,000	6,300	6,500	6,500	6,500	
Total Employees	10,065	9,500	9,500	9,500	9,500	9,500	10,200	10,500	10,700	10,800	10,800	10,800	
	APR.												
B-26C Direct Man-Hours	21	—	—	—	—	—	—	—	—	—	—	—	
B-29 Direct Man-Hours	316	681	711	772	871	961	1,096	1,198	1,320	1,491	1,385	1,491	1,385
All Other Direct Man-Hours	117	50	40	40	40	34	—	—	—	—	—	—	
Total Direct Man-Hours	456	731	751	812	911	995	1,096	1,198	1,320	1,491	1,385	1,491	1,385
Aver. Hrs. per Direct Worker in Month	139	203	203	203	207	203	203	203	203	210	195	210	195
Direct Workers	3,292	3,600	3,700	4,000	4,400	4,900	5,400	5,900	6,500	7,100	7,100	7,100	7,100
Total Employees	9,633	9,700	9,500	9,700	9,900	10,200	10,500	10,800	11,100	11,400	11,400	11,400	11,400
	MAY												
B-29 Direct Man-Hours	398	492	644	787	1,003	1,173	1,310	1,353	1,344	1,353	1,312	1,278	1,380
All Other Direct Man-Hours	76	65	40	40	34	30	37	60	71	75	86	86	97
Total Direct Man-Hours	474	557	684	827	1,037	1,203	1,347	1,413	1,415	1,428	1,398	1,364	1,477
Aver. Hrs. per Direct Worker in Month	186	190	203	207	203	203	203	203	210	198	210	195	210
Net Direct Employment	2,548	2,932	3,369	3,995	5,108	5,926	6,635	6,960	6,738	7,212	6,657	6,994	7,033
Total Net Employment	8,920	9,034	9,224	9,595	10,428	10,926	11,245	11,266	10,870	11,236	10,657	10,994	11,033
	JUNE												
B-29 Direct Man-Hours	388	644	787	1,003	1,173	1,310	1,353	1,344	1,353	1,312	1,278	1,380	1,368
All Other Direct Man Hours	63	40	40	34	30	37	60	71	75	86	97	97	95
Total Direct Man Hours	451	684	827	1,037	1,203	1,347	1,413	1,415	1,428	1,398	1,364	1,477	1,463
Aver. Hrs. per Direct Worker in Month	195	203	207	203	203	203	203	210	198	210	195	210	203
Net Direct Employment	2,313	3,369	3,995	5,108	5,926	6,535	6,960	6,738	7,212	6,657	6,994	7,038	7,207
Total Net Employment	8,569	9,224	9,595	10,428	10,926	11,245	11,266	10,870	11,236	10,657	10,994	11,033	11,207
	JULY												
B-29 Direct Man-Hours	478	787	1,003	1,173	1,310	1,353	1,344	1,353	1,312	1,278	1,380	1,368	1,312
All Other Direct Man-Hours	57	49	47	36	47	58	88	92	101	106	118	115	114
Total Direct Man-Hours	535	836	1,050	1,209	1,357	1,411	1,432	1,445	1,413	1,384	1,498	1,483	1,426
Aver. Hrs. per Direct Worker in Month	201[3]	203	203	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	2,522	4,118	5,172	5,812	6,524	6,784	6,885	6,947	6,793	6,654	7,202	7,130	6,856
Total Net Employment	8,924	9,920	10,692	11,123	11,674	11,885	11,985	12,047	11,893	11,754	12,302	12,230	11,956
	AUG.												
B-29 Direct Man-Hours	627	1,003	1,173	1,310	1,353	1,344	1,353	1,312	1,278	1,380	1,368	1,312	1,234
All Other Direct Man-Hours	84	47	36	47	58	88	92	101	106	118	115	114	121
Total Direct Man-Hours	711	1,050	1,209	1,357	1,411	1,432	1,445	1,413	1,384	1,498	1,483	1,426	1,355
Aver. Hrs. per Direct Worker in Month	222	203	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	3,206	5,172	5,812	6,524	6,784	6,885	6,947	6,793	6,654	7,202	7,130	6,856	6,514
Total Net Employment	9,686	10,692	11,123	11,674	11,885	11,985	12,047	11,893	11,754	12,302	12,230	11,956	11,614
	SEPT.												
B-29 Direct Man-Hours	698	1,164	1,300	1,342	1,334	1,342	1,302	1,268	1,369	1,357	1,302	1,225	1,149
All Other Direct Man-Hours	90	45	57	69	98	103	111	116	129	126	124	130	116
Total Direct Man-Hours	788	1,209	1,357	1,411	1,432	1,445	1,413	1,384	1,498	1,483	1,426	1,355	1,265
Aver. Hrs. per Direct Worker in Month	203	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	3,890	5,812	6,524	6,784	6,885	6,947	6,793	6,654	7,202	7,130	6,856	6,514	6,082
Total Net Employment	10,083	11,123	11,674	11,885	11,985	12,047	11,893	11,754	12,302	12,230	11,956	11,614	11,182
	OCT.												
B-29 Direct Man-Hours	791	1,300	1,342	1,334	1,342	1,302	1,268	1,369	1,357	1,302	1,225	1,149	1,085
All Other Direct Man-Hours	83	57	69	98	103	111	116	129	126	124	130	116	112
Total Direct Man-Hours	874	1,357	1,411	1,432	1,445	1,413	1,384	1,498	1,483	1,426	1,355	1,265	1,197
Aver. Hrs. per Direct Worker in Month	211	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	4,136	6,524	6,784	6,885	6,947	6,793	6,654	7,202	7,130	6,856	6,514	6,082	5,755
Total Net Employment	10,136	11,674	11,885	11,985	12,047	11,893	11,754	12,302	12,230	11,956	11,614	11,182	10,855
	NOV.												
B-29 Direct Man-Hours	865	834	872	899	924	927	957	972	972	972	972	972	972
All Other Direct Man-Hours	91	32	65	85	104	106	116	114	115	119	112	105	93
Total Direct Man-Hours	956	866	937	984	1,028	1,033	1,073	1,086	1,087	1,091	1,084	1,077	1,065
Aver. Hrs. per Direct Worker in Month	227	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	4,206	4,163	4 505	4,730	4,942	4,966	5,159	5,221	5,226	5,245	5,212	5,178	5,120
Total Net Employment	10,244	10,663	10 965	11,160	11,342	11,348	11,359	11,321	11,326	11,345	11,312	11,278	11,220
	DEC.												
B-29 Direct Man-Hours	882	953	989	975	930	877	852	822	793	784	770	751	748
All Other Direct Man-Hours	51	65	85	104	106	116	114	115	119	112	105	93	77
Total Direct Man-Hours	933	1 018	1,074	1,079	1,036	993	966	937	912	896	875	844	825

MARTIN, OMAHA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
Aver. Hrs. per Direct Worker in Month	215	226	217	217	208	208	208	208	208	208	208	208	208
Net Direct Employment	4,334	4,504	4,949	4,972	4,980	4,774	4,644	4,505	4,385	4,308	4,207	4,058	3,966
Total Net Employment	10,506	11,004	11,249	11,272	11,280	11,024	10,844	10,655	10,485	10,438	10,307	10,108	10,016
	1945 JAN.												
B-29 Direct Man-Hours	1,167[4]	989	975	930	877	852	822	793	784	770	751	748	—
All Other Direct Man-Hours	67	85	104	106	116	114	115	119	112	105	93	77	—
Total Direct Man-Hours	1,234	1,074	1,079	1,036	993	966	937	912	896	875	844	825	—
Aver. Hrs. per Direct Worker in Month	247[4]	217	217	208	208	208	208	208	208	208	208	208	—
Net Direct Employment	4,638	4,949	4,972	4,980	4,774	4,644	4,505	4,385	4,308	4,207	4,058	3,966	—
Total Net Employment	10,828	11,249	11,272	11,280	11,024	10,844	10,655	10,485	10 438	10,307	10,108	10,016	—
	FEB.												
B-29 Direct Man-Hours	1,014[4]	974	914	878	856	847	869	885	896	885	862	838	818
All Other Direct Man-Hours	77	88	90	97	98	98	100	101	100	96	96	96	96
Total Direct Man-Hours	1,091	1,062	1,004	975	954	945	969	986	996	981	958	934	914
Aver. Hrs. per Direct Worker in Month	207[4]	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	4,919	5,106	4,827	4,688	4,587	4,543	4,659	4,749	4,788	4 716	4,606	4,490	4,394
Total Net Employment	11,005	11,156	10,777	10,588	10,437	10,343	10,459	10,540	10,588	10,466	10 306	10,140	9,994
	MAR.												
B-29 Direct Man-Hours	1,061	982	938	917	913	931	935	912	882	856	829	803	794
All Other Direct Man-Hours	90	79	81	83	85	87	91	93	94	94	94	93	93
Total Direct Man-Hours	1,151	1,061	1,019	1,000	998	1,018	1,026	1,005	976	950	923	896	887
Aver. Hrs. per Direct Worker in Month	230	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	5,002	5,100	4,900	4,808	4,798	4,894	4,933	4,832	4,692	4,567	4,438	4,308	4,264
Total Net Employment	10,911	11,050	10,800	10,658	10,598	10,694	10,773	10,582	10,392	10,217	10,038	9,858	9,764
	APR.												
B-29 Direct Man-Hours	1,062	1,042	1,034	1,053	1,054	1,025	989	959	933	903	879	855	813
All Other Direct Man-Hours	102	143	145	147	160	164	155	156	156	156	155	155	155
Total Direct Man-Hours	1,164	1,185	1,179	1,200	1,214	1,189	1,144	1,115	1,089	1,059	1,034	1,010	968
Aver. Hrs. per Direct Worker in Month	206	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	5,647	5,697	5,668	5,769	5,837	5,716	5,500	5,360	5,236	5,090	4,971	4,856	4,654
Total Net Employment	12,300	11,997	11,868	11,869	11,937	11,816	11,600	11,460	11,336	11 190	11,071	11,956	10,754
	MAY												
B-29 Direct Man-Hours	1,016	943	865	828	804	783	763	745	728	712	697	681	666
All Other Direct Man-Hours	121	126	126	144	145	135	135	135	135	135	135	135	135
Total Direct Man-Hours	1,137	1,069	991	972	949	918	898	880	863	847	832	816	801
Aver. Hrs. per Direct Worker in Month	209	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	5,447	5,140	4,764	4,673	4,562	4,414	4,317	4,231	4,149	4,072	4,000	3,973	3,851
Total Net Employment	12,076	11,540	11,064	10,773	10,462	10,114	9,917	9,631	9,449	9 272	9,200	9,123	9,051
	JUNE												
B-29 Direct Man-Hours	833	812	772	745	721	698	677	659	644	631	621	609	561
All Other Direct Man-Hours	112	102	102	103	103	103	103	103	103	103	103	103	103
Total Direct Man-Hours	945	914	874	848	824	801	780	762	747	734	724	712	664
Aver. Hrs. per Direct Worker in Month	187	192	192	192	192	192	192	192	192	192	192	192	192
Net Direct Employment	5,045	4,760	4,552	4,417	4,292	4,172	4,063	3,960	3,891	3,823	3,770	3,708	3,458
Total Net Employment	11,560	11,060	10,652	10,317	9,992	9,772	9,463	9,269	9,091	9,023	8,970	8,808	8,458

McDONNELL, MEMPHIS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
AT-21MC Direct Man-Hours	—	—	—	3	7	13	17	35	53	59	67	85	90
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	—	3	7	13	17	35	53	59	67	85	90
Aver. Hrs. per Direct Worker in Month	—	—	—	200	200	200	200	200	200	200	200	200	201
Direct Workers	—	—	—	15	35	65	85	177	264	295	333	425	449
Total Employees	20	46	65	93	126	165	194	297	403	446	497	603	642
	APR.												
AT-21MC Direct Man-Hours	—	—	3	7	13	17	35	53	59	67	85	90	104
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—	—	3	7	13	17	35	53	59	67	85	90	104
Aver. Hrs. per Direct Worker in Month	—	—	200	200	200	200	200	200	200	200	200	200	200
Direct Workers	—	—	15	35	65	85	177	264	295	333	425	449	519
Total Employees	72	72	93	126	165	194	297	403	446	497	603	642	714

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

McDONNELL, MEMPHIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAY												
AT-21MM Direct Man-Hours			5	10	18	26	40	55	75	86	91	91	91
All Other Direct Man-Hours	—	—	5	10	18	26	40	55	75	86	91	91	91
Total Direct Man-Hours	—		200	200	200	200	200	200	200	200	200	200	200
Aver. Hrs. per Direct Worker in Month	—		25	50	90	130	200	275	375	430	455	455	455
Direct Workers	110	110	146	182	233	285	372	459	571	640	679	679	684
Total Employees	—												
	JUNE 5												
AT-21MM Direct Man-Hours	—		5	10	18	26	40	55	75	86	91	91	91
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	—		5	10	18	26	40	55	75	86	91	91	91
Aver. Hrs. per Direct Worker in Month	12		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	184		25	50	90	130	200	275	375	430	455	455	455
Total Employees			189	214	254	294	372	459	571	640	679	679	684
	JULY 1												
AT-21MM Direct Man-Hours	—		10	18	26	40	55	75	86	91	91	91	91
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1		10	18	26	40	55	75	86	91	91	91	91
Aver. Hrs. per Direct Worker in Month	83		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	14		50	90	130	200	275	375	430	455	455	455	455
Total Employees	212		248	288	328	398	473	573	640	679	679	684	679
	AUG. 1												
AT-21MM Direct Man-Hours	—		20	28	44	55	75	86	91	91	91	91	91
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1		20	28	44	55	75	86	91	91	91	91	91
Aver. Hrs. per Direct Worker in Month	70		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	21		100	140	220	275	375	430	455	455	455	455	455
Total Employees	265		323	363	443	498	598	653	679	679	684	679	671
	SEPT. 3												
AT-21MM Direct Man-Hours	—		24	34	44	56	65	74	80	84	85	86	89
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3		24	34	44	56	65	74	80	84	85	86	89
Aver. Hrs. per Direct Worker in Month	85		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	35		120	172	221	281	324	368	401	418	426	432	443
Total Employees	325		440	505	567	632	677	720	751	763	767	771	771
	OCT. 7												
AT-21MM Direct Man-Hours	—		22	34	46	58	70	82	82	82	81	80	79
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	7		22	34	46	58	70	82	82	82	81	80	79
Aver. Hrs. per Direct Worker in Month	117		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	60		110	170	230	290	350	410	410	410	405	400	395
Total Employees	410		510	620	680	740	795	850	844	838	826	814	801
	NOV. 15												
AT-21MM Direct Man-Hours	—		34	45	61	73	78	77	76	73	71	69	66
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	15		34	45	61	73	78	77	76	73	71	69	66
Aver. Hrs. per Direct Worker in Month	153		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	98		170	225	305	368	393	387	380	367	355	345	332
Total Employees	594		666	732	827	895	920	899	882	845	818	797	773
	DEC. 20												
AT-21MM Direct Man-Hours	—		35	44	49	51	53	55	57	58	60	61	62
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	20		35	44	49	51	53	55	57	58	60	61	62
Aver. Hrs. per Direct Worker in Month	148		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	135		178	222	244	254	263	273	283	292	302	307	312
Total Employees	680		814	930	960	928	894	859	849	844	838	825	809
	1944 JAN. 36												
AT-21MM Direct Man-Hours	—		41	48	59	66	70	70	70	69	69	68	67
All Other Direct Man-Hours	—		—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	36		41	48	59	66	70	70	70	69	69	68	67
Aver. Hrs. per Direct Worker in Month	221		200	200	200	200	200	200	200	200	200	200	200
Direct Workers	163		207	238	297	332	349	349	349	347	347	342	335
Total Employees	789		913	946	968	973	965	957	948	939	932	923	912

McDONNELL, MEMPHIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB. 33												
AT-21MM Direct Man-Hours	—	18	59	66	70	70	70	69	69	68	67	63	60
All Other Direct Man-Hours	33	48	59	66	70	70	70	69	69	68	67	63	60
Total Direct Man-Hours	172	200	200	200	200	200	200	200	200	200	200	200	200
Aver. Hrs. per Direct Worker in Month	192	238	297	332	349	349	349	347	347	342	335	316	301
Direct Workers	912	1,006	1,008	993	985	957	948	939	932	923	912	893	878
Total Employees													
	MAR. 55												
AT-21MM Direct Man-Hours	—	59	66	69	69	69	69	69	68	67	63	60	57
All Other Direct Man-Hours	55	59	66	69	69	69	69	69	68	67	63	60	57
Total Direct Man-Hours	216	200	200	200	200	200	200	200	200	200	200	200	200
Aver. Hrs. per Direct Worker in Month	256	297	332	349	349	349	347	347	342	335	316	301	285
Direct Workers	1,021	1,037	1,032	1,014	979	949	939	932	923	912	891	876	860
Total Employees													
	APR. 59												
AT-21MM Direct Man-Hours	—	68	70	74	74	73	48	22	14	—	—	—	—
All Other Direct Man-Hours	59	68	70	74	74	73	48	22	14	—	—	—	—
Total Direct Man-Hours	177	200	200	200	200	200	200	200	200	—	—	—	—
Aver. Hrs. per Direct Worker in Month	334	340	348	368	368	366	240	110	70	—	—	—	—
Direct Workers	1,099	956	952	929	900	800	600	444	300	—	—	—	—
Total Employees													
	MAY 63												
AT-21MM Direct Man-Hours	—	83	86	89	83	52	24	14	—	—	—	—	—
All Other Direct Man-Hours	63	83	86	89	83	52	24	14	—	—	—	—	—
Total Direct Man-Hours	195	200	200	200	200	200	200	200	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	322	416	431	446	414	260	120	70	—	—	—	—	—
Net Direct Employment	998	922	899	870	775	580	385	285	—	—	—	—	—
Total Net Employment													
	JUNE 69												
AT-21MM Direct Man-Hours	—	86	89	83	52	24	14	—	—	—	—	—	—
All Other Direct Man-Hours	69	86	89	83	52	24	14	—	—	—	—	—	—
Total Direct Man-Hours	215	200	200	200	200	200	200	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	321	431	446	414	260	120	70	—	—	—	—	—	—
Net Direct Employment	935	899	870	775	580	385	285	—	—	—	—	—	—
Total Net Employment													
	JULY 73												
AT-21MM Direct Man-Hours	—	94	94	94	94	47	—	—	—	—	—	—	—
All Other Direct Man-Hours	73	94	94	94	94	47	—	—	—	—	—	—	—
Total Direct Man-Hours	234[1]	234	234	234	234	234	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	342	400	400	400	400	200	—	—	—	—	—	—	—
Net Direct Employment	928	936	894	833	759	476	—	—	—	—	—	—	—
Total Net Employment													
	AUG. 56												
AT-21MM Direct Man-Hours	—	45	20	10	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	56	45	20	10	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	199	195	195	195	195	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	281	231	104	50	—	—	—	—	—	—	—	—	—
Net Direct Employment	775	613	379	230	139	—	—	—	—	—	—	—	—
Total Net Employment													
	SEPT. 16												
AT-21MM Direct Man-Hours	—	15	10	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	15	10	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	105	195	195	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	153	75	50	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	524	335	230	139	—	—	—	—	—	—	—	—	—
Total Net Employment													
	OCT.[2] 4												
AT-21MM Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	73	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	55	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	328	70	50	—	—	—	—	—	—	—	—	—	—
Total Net Employment													

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NASH KELVINATOR, DETROIT

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JAN.												
R-6 Direct Man Hours	218	-	-										
All Other Direct Man Hours	218	-											
Total Direct Man-Hours	192	-	-										
Aver. Hrs. per Direct Worker in Month	1,133	-	-	-	-	-	-	-	-	-	-	-	-
Direct Workers	2,550	-	-	-	-	-	-	-	-	-	-	-	-
Total Employees													
	FEB.												
R-6 Direct Man Hours	—	4	12	23	31	39	47	55	66	76	76	76	76
All Other Direct Man Hours	163	181	185	188	188	188	188	188	175	175	175	175	175
Total Direct Man Hours	163	185	197	211	219	227	235	243	241	251	251	251	251
Aver. Hrs. per Direct Worker in Month	176	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	925	938	997	1,066	1,109	1,148	1,188	1,227	1,218	1,267	1,267	1,267	1,267
Total Employees	2,275	2,293	2,323	2,393	2,463	2,528	2,593	2,658	2,648	2,728	2,728	2,728	2,728
	MAR.												
R-6 Direct Man Hours	1	5	15	22	33	44	53	68	76	76	76	76	76
All Other Direct Man Hours	192	184	193	193	193	193	193	173	173	173	173	173	173
Total Direct Man Hours	193	189	208	215	226	237	246	241	249	249	249	249	249
Aver. Hrs. per Direct Worker in Month	206	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	938	954	1,050	1,086	1,141	1,196	1,242	1,218	1,257	1,257	1,257	1,257	1,257
Total Employees	2,305	2,323	2,423	2,463	2,528	2,593	2,658	2,648	2,728	2,728	2,728	2,728	2,728
	APR.												
R-6 Direct Man Hours	1	2	15	30	44	53	68	76	76	76	76	76	76
All Other Direct Man Hours	179	193	197	194	193	193	173	173	173	173	173	173	173
Total Direct Man-Hours	180	195	212	224	237	246	241	249	249	249	249	249	249
Aver. Hrs. per Direct Worker in Month	193	198	198	198	198	198	198	198	198	198	198	198	198
Direct Workers	935	984	1,070	1,131	1,196	1,242	1,218	1,257	1,257	1,257	1,257	1,257	1,257
Total Employees	2,310	2,315	2,463	2,528	2,593	2,658	2,648	2,728	2,728	2,728	2,728	2,728	2,728
	MAY												
R-6 Direct Man-Hours	1	4	9	12	12	13	17	19	27	37	48	62	78
All Other Direct Man-Hours	176	196	180	202	162	192	191	184	191	176	198	198	198
Total Direct Man-Hours	177	200	189	214	174	205	208	203	218	213	246	260	276
Aver. Hrs. per Direct Worker in Month	183	198	182	205	169	198	198	190	198	182	205	205	205
Net Direct Employment	968	1,012	1,037	1,042	1,034	1,035	1,051	1,071	1,104	1,171	1,201	1,268	1,348
Total Net Employment	2,406	2,447	2,436	2,475	2,553	2,518	2,604	2,640	2,710	2,824	2,884	3,008	3,147
	JUNE												
R-6 Direct Man-Hours	3	9	12	12	13	17	19	27	37	48	62	78	75
All Other Direct Man-Hours	191	180	202	162	192	191	184	191	176	198	198	198	191
Total Direct Man-Hours	194	189	214	174	205	208	203	218	213	246	260	276	266
Aver. Hrs. per Direct Worker in Month	198	182	205	169	198	198	190	198	182	205	205	205	198
Net Direct Employment	982	1,037	1,042	1,034	1,035	1,051	1,071	1,104	1,171	1,201	1,268	1,348	1,341
Total Net Employment	2,443	2,485	2,517	2,595	2,620	2,646	2,682	2,752	2,866	2,926	3,050	3,189	3,181
	JULY												
R-6 Direct Man Hours	4	12	12	13	17	19	27	37	44	42	40	39	36
All Other Direct Man-Hours	146	202	162	192	191	184	191	176	198	198	198	191	184
Total Direct Man Hours	150	214	174	205	208	203	218	213	242	240	238	230	220
Aver. Hrs. per Direct Worker in Month	156	205	169	198	198	190	198	182	205	205	205	198	190
Net Direct Employment	962	1,042	1,034	1,035	1,051	1,071	1,104	1,171	1,184	1,173	1,165	1,163	1,158
Total Net Employment	2,389	2,517	2,595	2,620	2,646	2,682	2,752	2,866	2,899	2,890	2,881	2,853	2,817
	AUG.												
R-6 Direct Man Hours	6	14	17	17	19	23	33	45	42	40	37	36	36
All Other Direct Man Hours	162	156	176	176	170	177	163	184	184	184	177	170	170
Total Direct Man Hours	168	170	193	193	189	200	196	229	226	224	214	206	206
Aver. Hrs. per Direct Worker in Month	187	175	198	198	190	198	182	205	205	205	198	190	190
Net Direct Employment	896	970	973	975	996	1,011	1,080	1,115	1,103	1,095	1,082	1,084	1,086
Total Net Employment	2,342	2,485	2,553	2,592	2,631	2,657	2,772	2,835	2,824	2,820	2,773	2,742	2,734
	SEPT.												
R-6 Direct Man Hours	9	17	17	19	23	33	45	42	40	37	36	36	35
All Other Direct Man Hours	151	176	176	170	177	163	184	184	184	177	170	170	163
Total Direct Man-Hours	160	193	193	189	200	196	229	226	224	214	206	206	198
Aver. Hrs. per Direct Worker in Month	192	198	198	190	198	182	205	205	205	198	190	190	181
Net Direct Employment	830	973	975	996	1,011	1,080	1,115	1,103	1,095	1,082	1,084	1,086	1,091
Total Net Employment	2,388	2,553	2,592	2,631	2,657	2,772	2,835	2,824	2,820	2,773	2,742	2,734	2,766

NASH KELVINATOR, DETROIT (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Subsequent to Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 OCT.												
R-6 Direct Man Hours	10	15	20	25	39	16	44	43	39	36	35	33	37
All Other Direct Man Hours	156	176	170	177	163	184	189	189	182	175	175	168	189
Total Direct Man-Hours	166	191	190	202	202	230	233	232	221	211	210	201	226
Aver. Hrs. per Direct Worker in Month	193	198	190	198	182	205	205	205	198	190	190	182	205
Net Direct Employment	860	969	1,002	1,020	1,114	1,123	1,138	1,134	1,116	1,112	1,107	1,106	1,102
Total Net Employment	2,437	2,588	2,654	2,690	2,847	2,866	2,896	2,898	2,839	2,801	2,782	2,822	2,856
	NOV.												
R-6 Direct Man-Hours	10	20	25	39	46	43	44	39	36	35	34	37	35
All Other Direct Man-Hours	148	156	162	150	169	161	173	167	161	161	154	173	167
Total Direct Man-Hours	158	176	187	189	215	204	217	206	197	196	188	210	202
Aver. Hrs. per Direct Worker in Month	179	190	198	182	205	190	205	198	190	190	182	205	198
Net Direct Employment	883	928	946	1,040	1,049	1,071	1,060	1,042	1,038	1,033	1,032	1,028	1,022
Total Net Employment	2,498	2,537	2,573	2,730	2,749	2,792	2,781	2,722	2,684	2,665	2,705	2,739	2,754
	DEC.												
R-6 Direct Man-Hours	11	24	37	44	41	42	37	35	34	32	35	34	32
All Other Direct Man-Hours	135	145	119	134	121	130	126	121	121	116	130	125	120
Total Direct Man-Hours	146	169	156	178	162	172	163	156	155	148	165	159	152
Aver. Hrs. per Direct Worker in Month	185	198	181	204	190	205	198	190	190	182	204	198	189
Net Direct Employment	790	853	861	871	851	841	823	821	814	813	809	804	803
Total Net Employment	2,479	2,584	2,634	2,653	2,618	2,607	2,548	2,510	2,491	2,531	2,565	2,580	2,578
	1945 JAN.												
R-6 Direct Man-Hours	16	20	4	27	34	40	37	36	34	37	35	33	26
All Other Direct Man-Hours	138	119	134	120	130	125	121	121	115	130	125	121	125
Total Direct Man-Hours	154	139	158	147	164	165	158	157	149	167	160	154	151
Aver. Hrs. per Direct Worker in Month	205	182	205	190	205	197	190	190	181	204	198	190	197
Net Direct Employment	760	765	770	775	801	836	831	824	821	818	810	810	765
Total Net Employment	2,458	2,463	2,478	2,476	2,529	2,561	2,521	2,499	2,536	2,571	2,580	2,582	2,506
	FEB.												
R-6 Direct Man-Hours	21	28	29	35	40	37	36	34	37	35	33	26	19
All Other Direct Man-Hours	115	134	126	130	125	121	121	115	130	125	121	125	116
Total Direct Man-Hours	136	162	155	165	165	158	157	149	167	160	154	151	135
Aver. Hrs. per Direct Worker in Month	182	205	189	204	197	190	190	181	204	198	190	197	182
Net Direct Employment	746	790	818	808	836	831	824	821	818	810	810	765	742
Total Net Employment	2,475	2,566	2,624	2,632	2,662	2,612	2,572	2,553	2,594	2,623	2,637	2,564	2,517
	MAR.												
R-6 Direct Man-Hours	23	29	35	40	37	36	34	37	35	33	26	19	17
All Other Direct Man-Hours	127	130	141	136	131	131	125	135	130	125	130	120	130
Total Direct Man-Hours	150	159	176	176	168	167	159	172	165	158	156	139	147
Aver. Hrs. per Direct Worker in Month	203	189	204	198	190	189	182	205	198	190	198	182	198
Net Direct Employment	737	840	861	888	883	877	874	840	832	832	787	764	743
Total Net Employment	2,488	2,580	2,715	2,757	2,717	2,677	2,658	2,637	2,666	2,685	2,611	2,564	2,532
	APR.												
R-6 Direct Man-Hours	18	39	44	41	40	37	41	39	37	30	23	21	21
All Other Direct Man-Hours	107	138	133	126	126	121	137	131	126	131	121	132	132
Total Direct Man-Hours	125	177	177	167	166	158	178	170	163	161	144	153	153
Aver. Hrs. per Direct Worker in Month	174	204	198	190	190	181	205	198	190	198	182	198	198
Net Direct Employment	718	867	864	881	874	871	867	859	860	815	792	771	771
Total Net Employment	2,513	2,675	2,715	2,631	2,624	2,615	2,686	2,684	2,692	2,618	2,570	2,539	2,539
	MAY												
R-6 Direct Man-Hours	24	40	37	36	32	37	35	33	26	19	17	17	16
All Other Direct Man-Hours	118	105	100	100	92	108	104	100	104	96	104	104	107
Total Direct Man-Hours	142	146	137	136	124	145	139	133	130	115	121	121	123
Aver. Hrs. per Direct Worker in Month	198	198	190	190	182	205	198	190	198	182	198	198	204
Net Direct Employment	717	735	721	715	682	708	700	700	655	632	612	612	603
Total Net Employment	2,530	2,582	2,544	2,745	2,936	3,207	3,405	3,613	3,539	3,471	3,460	3,460	3,440
	JUNE												
R-6 Direct Man-Hours	24	33	31	29	31	29	28	22	17	13	13	13	13
All Other Direct Man-Hours	117	73	98	104	231	240	246	258	264	286	288	297	275
Total Direct Man-Hours	141	104	129	133	262	269	274	280	281	299	299	310	288
Aver. Hrs. per Direct Worker in Month	199	152	190	182	205	198	190	198	182	198	198	205	190
Net Direct Employment	708	682	678	731	1,278	1,358	1,442	1,414	1,544	1,510	1,510	1,512	1,516
Total Net Employment	2,497	2,365	2,322	2,379	3,156	3,304	3,407	3,357	3,523	3,481	3,481	3,469	3,468

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NAVAL AIRCRAFT, PHILADELPHIA

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month: +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
PBN-1 Direct Man-Hours	450	788	732	647	542	489	361	316	235	207	203	182	—
TDN-1 Direct Man-Hours	93	66	64	48	9	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	7	22	20	10	3	2	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	550	576	772	790	659	544	489	361	316	235	207	203	182
Aver. Hrs. per Direct Worker in Month	200	192	216	208	208	208	216	208	208	200	208	208	200
Direct Workers	2,750	3,001	3,572	3,798	3,168	2,615	2,263	1,735	1,521	1,176	997	976	911
Total Employees	3,730	4,111	4,893	5,203	4,203	3,582	3,100	2,376	2,083	1,611	1,366	1,339	1,248
	FEB.												
PBN-1 Direct Man-Hours	457	768	604	653	675	706	686	685	660	686	686	686	660
TDN-1 Direct Man-Hours	57	71	56	22	4	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	14	19	16	2	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	1	26	10	9	8	6	2	—	—	—	—	—	—
Total Direct Man-Hours	529	684	686	686	686[2]	713[3]	686[3]	686[3]	660	686	686	686	660
Aver. Hrs. per Direct Worker in Month	197	216	208	208	208	216	208	208	200	208	208	208	200
Direct Workers	2,684	3,165	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300
Total Employees	3,686	4,336	4,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520
	MAR.												
PBN-1 Direct Man-Hours	556	565	675	652	698	686	686	686	686	686	686	660	713
TDN-1 Direct Man-Hours	60	65	52	24	12	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	26	31	19	10	3	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	642	661	746	686	713	686	686	686	686	686	686	660	713
Aver. Hrs. per Direct Worker in Month	216	208	208	208	216	208	208	208	208	208	208	200	216
Direct Workers	2,974	3,180	3,587	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300
Total Employees	3,953	4,240	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520
	APR.												
PBN-1 Direct Man-Hours	541	614	656	695	678	682	686	686	686	686	660	712	686
TDN-1 Direct Man-Hours	88	54	12	11	8	4	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	28	18	18	6	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	657	686	686	712	686	686	686	686	686	686	660	712	686
Aver. Hrs. per Direct Worker in Month	208	208	208	216	208	208	208	208	208	208	200	216	208
Direct Workers	3,158	3,300	3,300	3,296	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300
Total Employees	4,308	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520	4,520
	MAY												
PBN-1 Direct Man-Hours	500	541	562	541	541	541	541	540	540	520	562	520	562
TDN-1 Direct Man-Hours	85	40	12	—	—	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	50	21	13	7	3	1	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	635	602	587	548	544	542	541	540	540	520	562	520	562
Aver. Hrs. per Direct Worker in Month	208	208	216	208	208	208	208	208	208	200	216	200	216
Direct Workers	3,053	2,894	2,716	2,634	2,614	2,605	2,600	2,600	2,600	2,600	2,600	2,600	2,600
Total Employees	4,183	3,922	3,721	3,608	3,581	3,568	2,562	3,562	3,562	3,562	3,562	3,562	3,562
	JUNE												
PBN-1 Direct Man-Hours	403	424	525	586	606	626	626	626	626	626	566	485	384
TDN-1 Direct Man-Hours	3	10	5	2	—	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	29	21	16	7	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	435	455	546	595	606	626	626	626	626	626	566	485	384
Aver. Hrs. per Direct Worker in Month	168	202	202	202	202	202	202	202	202	202	202	202	202
Direct Workers	2,587	2,253	2,704	2,947	3,000	3,100	3,100	3,100	3,100	3,100	2,800	2,400	1,900
Total Employees	3,544	3,086	3,704	4,036	4,110	4,247	4,247	4,247	4,247	4,247	3,836	3,288	2,602
	JULY												
PBN-1 Direct Man-Hours	354	464	545	555	565	575	580	580	580	580	580	530	479
TDN-1 Direct Man-Hours	29	3	3	2	—	—	—	—	—	—	—	—	—
XLRN-1 Direct Man-Hours	24	14	11	3	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	407	481	559	560	565	575	580	580	580	580	580	530	479
Aver. Hrs. per Direct Worker in Month	191	202	202	202	202	202	202	202	202	202	202	202	202
Direct Workers	2,132	2,381	2,765	2,770	2,800	2,850	2,875	2,875	2,875	2,875	2,875	2,625	2,375
Total Employees	2,921	3,261	3,787	3,793	3,835	3,904	3,938	3,938	3,938	3,938	3,938	3,595	3,253
	AUG.												
PBN-1 Direct Man-Hours	373	363	425	444	483	528	544	581	589	558	550	479	430
TDN-1 Direct Man-Hours	19	12	9	2	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	373	375	434	446	483	528	544	581	589	558	550	479	430
Total Direct Man-Hours	392	375	434	446	483	528	544	581	589	558	550	479	430
Aver. Hrs. per Direct Worker in Month	202	202	202	202	202	202	202	202	202	202	202	202	202
Direct Workers	1,934	1,856	2,148	2,207	2,390	2,614	2,693	2,876	2,917	2,763	2,723	2,370	2,127
Total Employees	2,649	2,542	2,942	3,023	3,273	3,580	3,689	3,939	3,995	3,784	3,730	3,246	2,913
	SEPT.												
PBN-1 Direct Man-Hours	310	190	255	295	295	313	313	313	313	313	313	313	308
TDN-1 Direct Man-Hours	24	18	16	11	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	334	208	271	306	295	313	313	313	313	313	313	313	308
Aver. Hrs. per Direct Worker in Month	192	203	203	203	203	203	203	203	203	203	203	203	203
Direct Workers	1,740	1,025	1,335	1,507	1,453	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,517
Total Employees	2,384	1,404	1,829	2,064	1,990	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,078
	OCT.												
PBN-1 Direct Man-Hours	315	299	326	335	347	345	336	329	326	326	287	223	166
TDN-1 Direct Man-Hours	30	17	14	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	345	316	340	335	347	345	336	329	326	326	287	223	166
Aver. Hrs. per Direct Worker in Month	223	203	203	203	203	203	203	203	203	203	203	203	203
Direct Workers	1,549	1,557	1,674	1,650	1,709	1,700	1,655	1,621	1,606	1,606	1,414	1,099	818
Total Employees	2,122	2,133	2,293	2,260	2,341	2,329	2,267	2,221	2,200	2,200	1,937	1,505	1,121
	NOV.												
PBN-1 Direct Man-Hours	357	376	409	434	442	434	419	416	401	377	352	270	146
TDN-1 Direct Man-Hours	22	10	7	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	19	36	58	49	37	44	40	36	32	23	18	18
Total Direct Man-Hours	379	405	452	492	491	471	463	456	437	409	375	288	164
Aver. Hrs. per Direct Worker in Month	215	203	203	203	203	203	203	203	203	203	203	203	203
Direct Workers	1,760	1,995	2,227	2,424	2,419	2,320	2,281	2,246	2,153	2,015	1,847	1,419	808
Total Employees	2,411	2,733	3,015	3,321	3,314	3,178	3,125	3,077	2,949	2,760	2,530	1,944	1,107
	DEC.												
PBN-1 Direct Man-Hours	296	409	432	433	427	436	418	415	323	334	202	104	91
TDN-1 Direct Man-Hours	14	3	1	1	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	8	36	57	50	56	51	29	19	18	16	17	16	—
Total Direct Man-Hours	318	448	490	484	483	487	447	434	341	350	219	120	91
Aver. Hrs. per Direct Worker in Month	159	178	178	178	178	178	178	178	178	178	178	178	178
Direct Workers	1,995	2,517	2,753	2,719	2,713	2,736	2,511	2,438	1,916	1,966	1,230	674	511
Total Employees	3,191	3,596	3,932	3,884	3,876	3,910	3,587	3,483	2,737	2,809	1,757	963	730
	1944 JAN.[1]												
PBN-1 Direct Man-Hours	331	—	—	—	—	—	—	—	—	—	—	—	—
TDN-1 Direct Man-Hours	4	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	24	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	359	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	169	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	2,121	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	3,446	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
PBN-1 Direct Man-Hours	324	433	427	436	418	415	323	334	202	104	91	90	—
All Other Direct Man-Hours	31	50	56	51	29	19	18	16	17	16	—	—	—
Total Direct Man-Hours	355	483	483	487	447	434	341	350	219	120	91	90	—
Aver. Hrs. per Direct Worker in Month	164	178	178	178	178	178	178	178	178	178	178	178	—
Direct Workers	2,161	2,719	2,713	2,736	2,511	2,438	1,916	1,966	1,230	674	511	506	—
Total Employees	3,501	3,884	3,876	3,910	3,587	3,483	2,737	2,809	1,757	963	730	723	—
	MAR.												
PBN-1 Dir. Man-Hours	390	378	348	362	340	335	333	326	281	192	126	—	—
All Other Direct Man-Hours	38	43	50	70	75	67	56	42	21	5	5	5	—
Total Direct Man-Hours	428	421	398	432	415	402	389	368	302	197	131	5	—
Aver. Hrs. per Direct Worker in Month	104	178	178	178	178	178	178	178	178	178	178	178	—
Direct Workers	2,203	2,365	2,236	2,427	2,331	2,258	2,185	2,067	1,697	1,107	736	28	—
Total Employees	3,489	3,746	3,541	3,844	3,692	3,576	3,461	3,274	2,688	1,753	1,166	44	—
	APR.												
PBN-1 Direct Man-Hours	409	376	368	382	366	373	335	265	148	123	—	—	—
All Other Direct Man-Hours	54	49	78	78	65	49	47	47	15	5	5	—	—
Total Direct Man-Hours	463	425	446	460	431	422	382	312	163	128	5	—	—

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NAVAL AIRCRAFT, PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
Aver. Hrs. per Direct Worker in Month	196	178	178	178	178	178	178	178	178	178	178	—	—
Direct Worker	2,364	2,388	2,486	2,484	2,421	2,371	2,216	1,753	916	719	28	—	—
Total Employees	3,688	3,790	3,878	4,001	3,841	3,762	3,104	2,781	1,452	1,140	44	—	—
	MAY												
PBN-1 Direct Man-Hours	357	322	294	283	264	225	211	193	141	118	98	67	35
All Other Direct Man-Hours	307	307	330	269	228	207	195	161	143	125	125	125	125
Total Direct Man-Hours	664	629	624	552	492	432	406	354	284	243	223	192	160
Aver. Hrs. per Direct Worker in Month	223	214	214	222	214	214	214	206	222	198	222	206	222
Net Direct Employment	2,981	2,938	2,915	2,484	2,299	2,019	1,896	1,719	1,278	1,224	1,003	933	720
Total Net Employment	3,604	3,553	3,525	3,004	2,780	2,441	2,293	2,079	1,545	1,480	1,213	1,128	871
	JUNE												
PBN-1 Direct Man-Hours	318	275	284	294	288	276	250	192	127	90	63	35	11
All Other Direct Man-Hours	327	365	339	269	212	182	173	162	146	125	123	114	106
Total Direct Man-Hours	645	640	623	563	500	458	423	354	273	215	186	149	117
Aver. Hrs. per Direct Worker in Month	216	216	224	216	216	216	207	224	199	224	207	224	216
Net Direct Employment	2,990	2,967	2,781	2,610	2,318	2,123	2,040	1,580	1,372	960	897	665	542
Total Net Employment	3,620	3,592	3,367	3,160	2,806	2,570	2,470	1,913	1,661	1,162	1,086	805	656
	JULY												
PBN-1 Direct Man-Hours	255	292	291	297	292	270	198	152	86	59	31	4	—
All Other Direct Man-Hours	422	414	370	273	214	184	176	166	166	159	107	99	99
Total Direct Man-Hours	677	706	661	570	506	454	374	318	252	218	138	103	99
Aver. Hrs. per Direct Worker in Month	214	222	214	214	214	206	222	198	222	206	222	214	214
Net Direct Employment	3,158	3,174	3,083	2,659	2,360	2,204	1,682	1,608	1,133	1,058	621	480	472
Total Net Employment	3,750	3,770	3,662	3,158	2,803	2,618	1,998	1,910	1,346	1,257	738	570	561
	AUG.												
PBN-1 Direct Man-Hours	313	300	300	280	255	205	154	84	58	27	2	—	—
All Other Direct Man-Hours	377	378	320	258	203	171	162	152	151	147	110	99	88
Total Direct Man-Hours	690	678	620	538	458	376	316	236	209	174	112	99	88
Aver. Hrs. per Direct Worker in Month	217	213	213	213	205	217	197	217	205	217	213	213	217
Net Direct Employment	3,185	3,180	2,908	2,523	2,234	1,736	1,606	1,090	1,020	803	525	464	406
Total Net Employment	3,747	3,741	3,421	2,968	2,628	2,042	1,889	1,282	1,200	945	618	546	478
	SEPT.												
PBN-1 Direct Man-Hours	329	270	268	260	119	83	86	22	19	3	—	—	—
All Other Direct Man-Hours	353	342	341	340	255	214	213	158	149	149	109	100	80
Total Direct Man-Hours	682	612	609	600	374	297	299	180	168	152	109	100	80
Aver. Hrs. per Direct Worker in Month	232	208	208	200	216	192	216	200	216	208	208	216	200
Net Direct Employment	2,940	2,942	2,928	3,000	1,731	1,547	1,384	900	778	731	524	463	400
Total Net Employment	3,708	3,715	3,697	3,788	2,186	1,953	1,747	1,136	982	923	662	585	505
	OCT.												
PBN-1 Direct Man-Hours	297	243	182	114	51	28	22	19	5	—	—	—	—
All Other Direct Man-Hours	375	423	460	562	545	617	573	575	542	448	462	434	462
Total Direct Man-Hours	672	666	642	676	596	645	595	594	547	448	462	434	462
Aver. Hrs. per Direct Worker in Month	224	224	216	233	207	233	216	233	224	224	233	216	233
Net Direct Employment	2,999	2,972	2,979	2,905	2,881	2,772	2,761	2,553	2,441	1,999	1,985	2,014	1,985
Total Net Employment	3,643	3,611	3,620	3,530	3,501	3,368	3,355	3,102	2,966	2,429	2,412	2,447	2,412
	NOV.												
PBN-1 Direct Man-Hours	244	170	135	28	7	4	—	—	—	—	—	—	—
All Other Direct Man-Hours	410	411	534	551	524	533	409	392	360	312	—	—	—
Total Direct Man-Hours	654	581	669	579	531	537	409	392	360	312	—	—	—
Aver. Hrs. per Direct Worker in Month	221	212	229	204	229	212	229	221	221	229	—	—	—
Net Direct Employment	2,963	2,740	2,921	2,845	2,319	2,533	1,786	1,776	1,631	1,362	—	—	—
Total Net Employment	3,574	3,305	3,050	3,432	2,797	3,055	2,154	2,142	1,967	1,643	—	—	—
	DEC.												
PBN-1 Direct Man-Hours	152	82	23	11	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	452	562	578	531	462	416	393	348	326	—	—	—	—
Total Direct Man-Hours	604	644	601	542	463	416	393	348	326	—	—	—	—
Aver. Hrs. per Direct Worker in Month	205	221	197	221	205	221	213	213	221	—	—	—	—
Net Direct Employment	2,948	2,909	3,054	2,448	2,260	1,879	1,843	1,632	1,472	—	—	—	—
Total Net Employment	3,539	3,492	3,666	2,938	2,713	2,256	2,212	1,959	1,767	—	—	—	—
	1945 JAN.												
PBN-1 Direct Man-Hours	80	74	28	2	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	576	570	621	624	569	553	508	483	441	—	—	—	—
Total Direct Man-Hours	656	644	649	626	569	553	508	483	441	—	—	—	—

NAVAL AIRCRAFT, PHILADELPHIA (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
Aver. Hrs. per Direct Worker in Month	220	204	229	210	229	221	221	229	212	—	—	—	—
Net Direct Employment	2,866	3,165	2,835	2,953	2,486	2,508	2,304	2,110	1,980	—	—	—	—
Total Net Employment	3,490	3,855	3,453	3,597	3,028	3,055	2,806	2,570	2,413	—	—	—	—
	FEB.												
PBN-1 Direct Man-Hours	35	26	2	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	551	590	574	544	508	457	427	391	380	—	—	—	—
Total Direct Man-Hours	586	616	576	544	508	457	427	391	380	—	—	—	—
Aver. Hrs. per Direct Worker in Month	206	232	214	232	223	223	232	214	232	—	—	—	—
Net Direct Employment	2,847	2,661	2,687	2,350	2,279	2,050	1,844	1,824	1,641	—	—	—	—
Total Net Employment	3,465	3,240	3,272	2,862	2,775	2,496	2,245	2,221	1,998	—	—	—	—
	MAR.												
PBN-1 Direct Man-Hours	8	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	645	595	576	543	498	472	436	429	408	—	—	—	—
Total Direct Man-Hours	653	595	576	543	498	472	436	429	408	—	—	—	—
Aver. Hrs. per Direct Worker in Month	233	216	233	225	225	233	216	233	225	—	—	—	—
Net Direct Employment	2,798	2,755	2,468	2,417	2,217	2,022	2,019	1,838	1,816	—	—	—	—
Total Net Employment	3,427	3,375	3,023	2,961	2,716	2,477	2,473	2,251	2,224	—	—	—	—

NORTH AMERICAN, DALLAS — "A"

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
AT-6 Direct Man-Hours	1,779	1,735	1,643	1,471	1,375	1,216	964	829	778	805	778	805	805
P-51 Direct Man-Hours	2	15	71	230	429	588	752	839	897	1,078	1,123	882	276
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,781	1,750	1,714	1,701	1,804	1,804	1,716	1,668	1,675	1,883	1,901	1,687	1,081
Aver. Hrs. per Direct Worker in Month	184	188	192	192	205	205	235	239	231	239	231	239	239
Direct Workers	9,655	9,325	8,925	8,860	8,800	8,800	7,310	6,980	7,250	7,880	8,230	7,060	4,525
Total Employees	15,829	15,400	14,100	14,000	13,900	13,900	11,550	11,025	11,450	12,450	13,000	11,150	7,150
	FEB.												
AT-6 Direct Man-Hours	1,558	1,812	1,604	1,395	1,211	984	832	795	787	772	807	884	686
P-51 Direct Man-Hours	8	78	251	435	586	767	843	916	1,053	1,115	884	303	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,566	1,890	1,855	1,830	1,797	1,751	1,675	1,711	1,840	1,887	1,691	1,187	686
Aver. Hrs. per Direct Worker in Month	163	207	208	208	208	216	208	208	208	208	208	208	200
Direct Workers	8,605	9,133	8,918	8,796	8,641	8,106	8,056	8,226	8,845	9,070	8,131	5,709	3,432
Total Employees	15,864	14,972	14,620	14,420	14,165	13,289	13,207	13,486	14,500	14,869	13,330	9,359	5,627
	APR.												
AT-6C Direct Man-Hours	1,540	1,436	1,363	1,139	838	583	535	539	537	551	573	547	557
P-51 Direct Man-Hours	76	156	384	725	1,079	1,141	1,186	1,258	1,335	1,312	1,293	704	218
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,616	1,592	1,747	1,864	1,917	1,724	1,721	1,797	1,872	1,863	1,866	1,251	775
Aver. Hrs. per Direct Worker in Month	179	185	190	195	203	195	195	195	195	195	188	188	203
Direct Workers	9,027	8,605	9,193	9,560	9,441	8,839	8,826	9,217	9,599	9,552	9,568	6,652	3,816
Total Employees	15,179	14,462	15,450	16,067	15,868	14,856	14,834	15,490	16,133	16,053	16,081	11,180	6,414
	APR.												
AT-6C Direct Man-Hours	1,564	1,519	1,331	1,118	673	580	584	622	628	682	779	891	824
P-51 Direct Man-Hours	42	163	397	800	1,221	1,272	1,358	1,443	1,423	1,260	773	254	20
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,606	1,682	1,728	1,918	1,894	1,852	1,942	2,065	2,051	1,942	1,552	1,145	844
Aver. Hrs. per Direct Worker in Month	191	193	195	203	195	195	195	195	195	195	188	203	188
Direct Workers	8,424	8,716	8,860	9,446	9,714	9,497	9,959	10,588	10,519	9,958	8,254	5,641	4,491
Total Employees	14,591	14,832	14,980	15,427	15,542	15,195	15,934	16,941	16,830	15,932	13,207	9,025	7,185
	MAY												
AT-6C Direct Man-Hours	1,458	1,275	999	615	533	538	568	572	603	692	788	742	790
P-51 Direct Man-Hours	94	232	524	783	1,083	1,351	1,376	1,328	1,428	1,445	1,599	1,479	1,597
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,552	1,507	1,523	1,398	1,616	1,889	1,944	1,900	2,031	2,137	2,387	2,221	2,387
Aver. Hrs. per Direct Worker in Month	195	195	203	195	195	195	195	195	195	188	203	188	203
Direct Workers	7,948	7,728	7,504	7,168	8,288	9,688	9,968	9,744	10,416	11,368	11,760	11,816	11,760
Total Employees	14,127	13,800	13,400	12,800	14,800	17,300	17,800	17,400	18,600	20,300	21,000	21,100	21,000
	JUNE												
AT-6C Direct Man-Hours	1,239	885	608	548	571	602	608	635	716	811	754	811	782
P-51 Direct Man-Hours	115	696	950	1,243	1,514	1,496	1,417	1,504	1,550	1,669	1,545	1,093	1,625
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,354	1,581	1,558	1,791	2,085	2,098	2,025	2,139	2,266	2,480	2,299	2,504	2,407

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, DALLAS — "A" (Cont'd)

ITEM	Report Month (Actual)	Forecast for Twelve Subsequent Reporting Report Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NE												
Aver. Hrs. per Direct Worker in Month	[illegible]	195	195	195	195	195	195	195	188	203	188	203	195
[illegible]	[illegible]	8,406	7,990	9,185	10,691	10,760	10,887	10,967	12,052	12,217	12,229	12,335	12,343
[illegible]	[illegible]	17,200	17,075	17,331	19,728	19,926	20,145	20,310	21,913	22,213	22,234	22,427	22,402
	JULY												
All Other Direct Man Hours	570	570	567	519	540	552	586	652	742	734	742	729	741
[illegible] Man Hours	1,523	1,193	1,504	1,804	1,791	1,660	1,680	1,537	1,594	1,506	1,539	1,489	1,528
[illegible] Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	2,093	1,763	2,011	2,323	2,331	2,212	2,266	2,189	2,336	2,240	2,281	2,218	2,269
Aver. Hrs. per Direct Worker in Month	201	204	198	204	198	198	204	191	204	198	204	198	204
Direct Workers	8,860	8,616	10,150	11,353	11,769	11,168	11,075	11,428	11,408	11,304	11,140	11,198	11,080
Total Employees	17,229	17,400	17,850	18,850	18,250	17,650	17,400	17,750	17,750	17,525	17,275	17,550	17,175
	AUG.												
All Other Direct Man Hours	655	557	550	558	560	562	600	636	655	655	655	655	655
[illegible] Direct Man Hours	504	1,283	1,715	1,807	1,790	1,578	1,470	1,404	1,375	1,375	1,375	1,375	1,375
[illegible] Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,159	1,840	2,265	2,365	2,350	2,140	2,070	2,040	2,030	2,030	2,030	2,030	2,030
Aver. Hrs. per Direct Worker in Month	204	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	5,680	8,350	10,300	10,750	10,700	9,700	9,400	9,250	9,200	9,200	9,200	9,200	9,200
Total Employees	12,770	16,000	19,900	20,800	20,600	18,700	18,050	17,750	17,700	17,700	17,700	17,700	17,700
	SEPT.												
AT-6 Direct Man Hours	570	561	561	567	567	676	796	888	998	1,095	1,095	1,095	—
P-51 Direct Man Hours	629	984	1,232	1,507	1,668	1,568	1,470	1,405	1,370	1,365	1,365	1,365	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,199	1,545	1,793	2,074	2,235	2,244	2,266	2,293	2,368	2,460	2,460	2,460	—
Aver. Hrs. per Direct Worker in Month	208	217	217	217	217	217	217	217	217	217	217	217	—
Direct Workers	5,767	7,200	8,300	9,600	10,300	10,400	10,300	10,600	11,000	11,300	11,300	11,300	—
Total Employees	13,386	13,800	15,900	18,400	19,800	20,000	20,100	20,400	21,200	21,700	21,700	21,700	—
	OCT.												
AT-6 Direct Man Hours	760	523	523	542	598	610	610	610	610	610	610	610	610
P-51 Direct Man Hours	690	940	940	1,151	1,283	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,450	1,463	1,463	1,693	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881
Aver. Hrs. per Direct Worker in Month	236	209	209	209	209	209	209	209	209	209	209	209	209
Direct Workers	6,152	7,000	7,000	8,100	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Total Employees	14,236	14,800	14,800	16,900	18,500	18,500	18,500	18,500	18,500	18,500	18,500	18,500	18,500
	NOV.												
AT-6 Direct Man-Hours	658	520	553	610	610	610	610	610	610	610	610	610	610
P-51 Direct Man-Hours	807	1,068	1,140	1,146	1,187	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,465	1,588	1,693	1,756	1,797	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881
Aver. Hrs. per Direct Worker in Month	207	209	209	209	209	209	209	209	209	209	209	209	209
Direct Workers	7,079	7,600	8,100	8,400	8,600	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Total Employees	15,071	15,600	16,900	17,900	18,100	18,500	18,500	18,500	18,500	18,500	18,500	18,500	18,500
	DEC.												
AT-6 Direct Man-Hours	681	574	600	746	783	825	860	860	860	860	860	860	860
P-51 Direct Man-Hours	853	1,161	1,187	1,208	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,534	1,735	1,787	1,954	2,103	2,145	2,180	2,180	2,180	2,180	2,180	2,180	2,180
Aver. Hrs. per Direct Worker in Month	203	209	209	209	209	209	209	209	209	209	209	209	209
Direct Workers	7,559	8,300	8,550	9,350	10,060	10,260	10,430	10,430	10,430	10,430	10,430	10,430	10,430
Total Employees	15,511	17,000	17,600	19,000	20,030	20,230	20,400	20,400	20,400	20,400	20,400	20,400	20,400
	1944 JAN.												
AT-6 Direct Man Hours	632	—	—	—	—	—	—	—	—	—	—	—	—
P-51 Direct Man Hours	1,151	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	1,783	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	220	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	8,106	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	16,369	—	—	—	—	—	—	—	—	—	—	—	—

Beginning with Feb., 1944, North American, Dallas, "A" and "B" reported jointly

NORTH AMERICAN, DALLAS — "B"

ITEM	Report Month (Actual)	Forecast for Twelve Subsequent Reporting Report Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-24 Direct Man Hours	325	448	770	1,402	1,841	2,101	2,992	3,408	3,456	3,575	3,447	[illegible]	[illegible]
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	325	448	770	1,402	1,841	2,101	2,992	3,408	3,456	3,575	3,447	[illegible]	[illegible]
Aver. Hrs per Direct Worker in Month	140	160	180	192	205	205	239	239	231	239	23[illegible]	[illegible]	[illegible]
Direct Workers	2,327	2,800	4,275	7,305	8,980	10,250	12,520	14,210	14,960	14,960	14,925	[illegible]	[illegible]
Total Employees	7,574	9,000	11,000	12,700	14,200	16,200	19,800	22,550	23,650	23,650	23,800	[illegible]	[illegible]
	FEB.												
B-24 Direct Man-Hours	464	832	1,207	2,000	2,643	3,184	3,307	3,308	3,188	3,094	2,820	[illegible]	1,769
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	464	832	1,207	2,000	2,643	3,184	3,307	3,308	3,188	3,094	2,820	[illegible]	1,769
Aver. Hrs per Direct Worker in Month	175	207	208	208	208	216	208	208	208	208	208	208	200
Direct Workers	2,652	4,021	5,802	9,616	12,706	14,740	15,898	15,906	15,325	14,873	13,553	[illegible]	8,847
Total Employees	8,419	10,691	12,544	15,215	20,104	23,323	25,155	25,168	24,249	23,534	21,454	[illegible]	13,999
	MAR.												
B-24G Direct Man-Hours	691	925	1,507	1,982	2,442	2,776	3,196	3,365	3,458	3,134	2,939	2,449	2,075
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	691	925	1,507	1,982	2,442	2,776	3,196	3,365	3,458	3,134	2,939	2,449	2,075
Aver Hrs. per Direct Worker in Month	212	210	208	205	203	195	195	195	195	195	195	188	203
Direct Workers	3,264	4,403	7,244	9,666	12,032	14,234	16,392	17,254	16,734	16,074	15,074	13,027	10,220
Total Employees	8,434	9,926	13,268	16,245	20,222	23,923	27,550	28,998	28,125	27,015	25,334	21,894	17,177
	APR.												
B-24G Direct Man-Hours	708	1,234	1,884	2,986	2,973	3,417	3,601	3,495	3,379	3,176	2,615	2,211	1,340
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	708	1,234	1,884	2,986	2,973	3,417	3,601	3,495	3,379	3,176	2,615	2,211	1,340
Aver Hrs per Direct Worker in Month	195	195	195	203	195	195	195	195	195	195	188	203	188
Direct Workers	3,639	6,330	9,662	14,708	15,246	17,524	18,465	17,921	17,326	16,287	13,911	10,891	7,128
Total Employees	9,024	11,969	15,787	23,533	24,394	28,039	29,544	28,673	27,722	26,059	22,258	17,426	11,405
	MAY												
B-24G Direct Man-Hours	912	921	1,167	1,466	2,134	2,819	3,217	3,332	3,255	3,059	3,245	2,978	3,166
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	912	921	1,167	1,466	2,134	2,819	3,217	3,332	3,255	3,059	3,245	2,978	3,166
Aver. Hrs. per Direct Worker in Month	212	195	203	195	195	195	195	195	95	188	203	188	203
Direct Workers	4,298	4,725	5,750	7,520	10,944	14,455	16,500	17,085	16,692	16,271	15,984	15,840	15,596
Total Employees	9,822	10,500	12,500	16,000	22,800	29,500	33,000	33,500	32,100	30,700	29,600	28,800	28,100
	JUNE												
B-24G Direct Man-Hours	1,097	1,612	2,240	3,093	4,095	4,424	4,483	4,375	4,123	4,392	4 033	4,340	4,210
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,097	1,642	2,240	3,093	4,095	4,424	4,483	4,375	4,123	4,392	4,033	4 340	4,210
Aver. Hrs .per Direct Worker in Month	203	203	195	195	195	195	195	195	188	203	188	203	195
Direct Workers	5,399	8,090	11,489	15,859	21,000	22,688	22,991	22,436	21,932	21,637	21,451	21 380	21,588
Total Employees	12,720	18,815	26,111	35,243	43,912	48,272	47,898	45,786	43,863	42,426	41,252	40 340	39,977
	JULY												
B-24G Direct Man-Hours	1,440	3,059	3,420	3,968	3,818	3,588	3,198	2,760	2,734	2,587	2 587	2 587	2,587
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,440	3,059	3,420	3,968	3,818	3,588	3,198	2,760	2,734	2,587	2,587	2 587	2,587
Aver Hrs. per Direct Worker in Month	208	205	199	206	199	205	205	206	203	200	204	206	206
Direct Workers	6,910	14,908	17,198	19,280	19,113	17,489	15,657	14,400	13,480	12,975	12,685	12 560	12,560
Total Employees	12,403	30,021	31,950	30,250	30,200	27,400	24,400	22,275	20,825	20,100	19,600	19 450	19,450
	AUG.												
B-24 Direct Man-Hours	1,291	3,920	4,160	3,960	3,545	3,160	2,900	2,700	2,560	2,480	2 420	2,420	2,420
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,291	3,920	4,160	3,960	3,545	3,160	2,900	2,700	2,560	2,480	2 420	2 420	2,420
Aver Hrs per Direct Worker in Month	205	220	220	220	220	220	220	220	220	220	220	220	220
Direct Workers	6,288	17,800	18,900	18,000	16,100	14,350	13,150	12,250	11,650	11 250	11,000	11 000	11,000
Total Employees	13,855	26,100	27,800	28,100	26,400	24,450	23,250	22,350	21,750	21,350	21 100	21,100	21,100
	SEPT.												
B-24 Direct Man-Hours	1,575	2,640	2,860	3,146	3,344	3,344	3,003	2,750	2,618	2 486	2,420	2,420	2,420
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,575	2,640	2,860	3,146	3,344	3,344	3,003	2 750	2 618	2,486	2 420	2 420	2,420
Aver Hrs per Direct Worker in Month	205	217	217	217	217	217	217	217	217	217	217	217	217
Direct Workers	7,687	12,200	13,200	14,500	15,400	15,400	13,900	12,700	12,100	11,500	11 200	11,200	11,200
Total Employees	15,822	23,400	25,400	27,900	29,600	29,600	26 600	24,400	23 300	22,200	21,500	21,500	21,500

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, DALLAS — "B" (Cont'd.)

ITEM	Report Month Actual	Forecast Direct Man Hours per Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
B-24 Direct Man Hours	2,038	—	—	2,024	2,130	2,279	2,386	2,492	2,556	2,556	2,556	2,556	2,556
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,038	—	—	2,024	2,130	2,279	2,386	2,492	2,556	2,556	2,556	2,556	2,556
Aver. Hr. per Direct Worker in Month	213	—	—	213	213	213	213	213	213	213	213	213	213
Direct Workers	9,100	9,500	9,500	9,500	10,000	10,700	11,200	11,700	12,000	12,000	12,000	12,000	12,000
Total Employees	19,200	19,200	19,200	19,600	20,200	21,000	21,700	22,400	22,700	22,700	22,700	22,700	22,700
	NOV.												
B-24 Direct Man Hours	1,982	2,087	2,087	2,130	2,215	2,322	2,407	2,428	2,428	2,428	2,428	2,428	2,428
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,982	2,087	2,087	2,130	2,215	2,322	2,407	2,428	2,428	2,428	2,428	2,428	2,428
Aver. Hr. per Direct Worker in Month	201	213	213	213	213	213	213	213	213	213	213	213	213
Direct Workers	9,865	9,800	9,800	10,000	10,400	10,900	11,300	11,400	11,400	11,400	11,400	11,400	11,400
Total Employees	19,265	19,200	19,200	19,600	20,200	21,000	21,700	21,900	21,900	21,900	21,900	21,900	21,900
	DEC.												
B-24 Direct Man Hours	1,860	2,079	2,130	2,215	2,322	2,407	2,428	2,428	2,428	2,428	2,428	2,428	2,428
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,860	2,079	2,130	2,215	2,322	2,407	2,428	2,428	2,428	2,428	2,428	2,428	2,428
Aver. Hrs. per Direct Worker in Month	188	210	213	213	213	213	213	213	213	213	213	213	213
Direct Workers	9,896	9,900	10,000	10,400	10,900	11,300	11,400	11,400	11,400	11,400	11,400	11,400	11,400
Total Employees	20,637	20,600	21,100	21,900	22,900	23,700	23,900	23,900	23,900	23,900	23,900	23,900	23,900
	1944 JAN.[1]												
B-24 Direct Man Hours	2,026	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,026	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	202	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	10,032	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	20,428	—	—	—	—	—	—	—	—	—	—	—	—

[1] Beginning with Feb., 1944, North American, Dallas, "A" and "B" reported jointly

NORTH AMERICAN, DALLAS — "A" and "B"

ITEM	Report Month Actual	Forecast Direct Man Hours per Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 FEB.												
AT-6 Direct Man-Hours	657	610	630	741	793	793	772	762	752	742	732	702	676
P-51 Direct Man-Hours	1,200	1,297	1,338	1,289	1,237	1,237	1,237	1,227	1,216	1,205	1,175	1,143	1,128
B-24 Direct Man-Hours	2,106	2,337	2,419	2,460	2,460	2,398	2,337	2,275	2,214	2,153	2,091	2,071	2,050
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	3,963	4,244	4,387	4,490	4,490	4,428	4,346	4,264	4,182	4,100	3,998	3,916	3,854
Aver. Hrs. per Direct Worker in Month	202	205	205	205	205	205	205	205	205	205	205	205	205
Direct Workers	19,621	20,700	21,400	21,900	21,900	21,600	21,200	20,800	20,400	20,000	19,500	19,100	18,800
Total Employees	38,392	40,100	41,100	41,900	42,200	41,800	41,300	40,700	40,100	39,500	38,800	38,200	37,700
	MAR.												
AT-6 Direct Man-Hours	762	655	735	769	775	753	742	732	742	732	702	676	662
P-51 Direct Man-Hours	1,250	1,338	1,289	1,237	1,237	1,237	1,227	1,216	1,205	1,175	1,143	1,128	1,108
B-24 Direct Man-Hours	2,510	2,419	2,460	2,460	2,398	2,337	2,275	2,214	2,153	2,091	2,071	2,050	2,020
All Other Direct Man-Hours	—	—	6	24	18	19	20	—	—	—	—	—	—
Total Direct Man-Hours	4,522	4,412	4,490	4,490	4,428	4,346	4,264	4,182	4,100	3,998	3,916	3,854	3,790
Aver. Hrs. per Direct Worker in Month	220	214	203	203	203	203	203	203	203	203	203	203	203
Direct Workers	20,553	20,600	22,100	22,100	21,800	21,400	21,000	20,600	21,200	19,700	19,300	19,000	18,700
Total Employees	39,284	39,300	41,800	41,800	41,500	41,100	40,500	40,000	39,500	38,800	38,300	37,900	37,600
	APR.												
AT-6 Direct Man-Hours	796	735	769	775	753	742	752	742	732	702	676	662	655
P-51 Direct Man-Hours	1,233	1,289	1,237	1,237	1,237	1,227	1,216	1,205	1,175	1,143	1,128	1,108	1,090
B-24 Direct Man-Hours	2,344	2,460	2,460	2,398	2,337	2,275	2,214	2,153	2,091	2,071	2,050	2,020	1,990
All Other Direct Man-Hours	—	6	24	18	19	20	—	—	—	—	—	—	—
Total Direct Man-Hours	4,373	4,490	4,490	4,428	4,346	4,264	4,182	4,100	3,998	3,916	3,854	3,790	3,735
Aver. Hrs. per Direct Worker in Month	210	203	203	203	203	203	203	203	203	203	203	203	203
Direct Workers	20,822	22,100	22,100	21,800	21,400	21,000	20,600	20,200	19,700	19,300	19,000	18,700	18,400
Total Employees	39,613	41,800	41,800	41,500	41,100	40,500	40,000	39,500	38,800	38,300	37,900	37,600	37,300
	MAY												
AT-6 Direct Man-Hours	855	834	845	852	820	824	794	760	738	733	746	728	721
P-51 Direct Man-Hours	1,254	1,285	1,258	1,188	1,103	1,088	1,036	1,011	1,018	979	988	988	976
B-24 Direct Man-Hours	2,410	2,307	2,265	2,193	2,146	2,068	1,954	1,680	1,304	792	247	—	—
All Other Direct Man-Hours	137	148	140	137	135	112	106	98	85	72	57	50	50
Total Direct Man-Hours	4,656	4,573	4,508	4,370	4,204	4,092	3,890	3,549	3,145	2,576	2,038	1,766	1,747

NORTH AMERICAN, DALLAS — "A" and "B" (Cont'd.)

ITEM	Report Month Actual	Forecast Direct Man Hours per Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
Aver. Hrs. per Direct Worker in Month	238	234	231	224	216	210	209	215	220	214	[illegible]	[illegible]	[illegible]
Net Direct Employment	19,546	19,500	19,500	19,500	19,500	18,600	16,500	14,300	12,000	[illegible]	[illegible]	[illegible]	
Total Net Employment	38,678	38,000	37,900	37,800	37,700	[illegible]	[illegible]	31,510	27,800	23,400	[illegible]	[illegible]	
	1944 MAY												
AT-6 Direct Man-Hours	880	861	979	871	856	920	875	845	840	852	836	749	744
P-51 Direct Man-Hours	1,248	1,260	1,250	1,259	1,039	1,003	960	947	920	904	886	870	876
B-24 Direct Man-Hours	2,100	2,083	2,057	2,005	1,919	1,875	1,673	1,416	988	95	—	—	—
All Other Direct Man-Hours	119	138	143	137	109	108	99	90	75	55	49	48	49
Total Direct Man-Hours	4,377	4,342	4,429	4,272	3,923	3,906	3,607	3,298	2,823	1,906	1,771	[illegible]	[illegible]
Aver. Hrs. per Direct Worker in Month	233	229	234	225	207	225	208	228	205	222	216	206	200
Net Direct Employment	18,776	18,920	18,920	18,987	18,920	17,350	17,350	14,480	13,750	8,570	8,200	[illegible]	[illegible]
Total Net Employment	36,855	36,370	35,610	34,740	33,950	31,330	30,060	25,760	22,890	15,330	14,580	[illegible]	[illegible]
	JULY												
AT-6 Direct Man-Hours	798	1,019	881	811	732	588	509	479	460	457	453	449	444
P-51 Direct Man-Hours	1,126	1,168	1,131	1,134	1,118	1,055	976	948	927	904	882	863	842
B-24 Direct Man-Hours	1,854	1,513	1,141	553	89	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	133	125	111	71	55	46	41	40	39	38	37	36	36
Total Direct Man-Hours	3,911	3,825	3,264	2,569	1,994	1,689	1,526	1,467	1,426	1,399	1,372	1,348	1,322
Aver. Hrs. per Direct Worker in Month	216	230	220	220	220	206	206	205	206	206	206	206	206
Net Direct Employment	18,123	16,630	14,836	11,680	9,060	8,200	7,410	7,110	6,920	6,790	6,660	6,540	6,420
Total Net Employment	34,414	30,930	27,071	22,430	17,640	16,080	14,810	14,210	13,820	13,490	13,260	13,040	12,820
	AUG.												
AT-6 Direct Man-Hours	917	827	844	783	654	539	507	470	457	453	449	444	441
P-51 Direct Man-Hours	1,233	1,049	1,103	1,104	1,073	1,006	977	938	904	882	863	842	834
B-24 Direct Man-Hours	1,379	1,171	680	93	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	80	119	136	137	95	108	112	136	141	156	178	202	209
Total Direct Man-Hours	3,609	3,166	2,763	2,117	1,822	1,653	1,596	1,544	1,502	1,491	1,490	1,488	1,484
Aver. Hrs. per Direct Worker in Month	229	235	220	220	206	206	206	206	206	206	206	206	206
Net Direct Employment	15,775	13,450	12,555	9,625	8,845	8,025	7,745	7,495	7,290	7,240	7,230	7,225	7,200
Total Net Employment	30,369	26,450	23,845	18,510	17,345	16,035	15,475	14,975	14,565	14,465	14,450	14,440	14,395
	SEPT.												
AT-6 Direct Man-Hours	844	778	739	691	584	442	403	400	399	398	397	394	367
P-51 Direct Man-Hours	1,145	1,101	1,058	1,036	1,012	944	919	896	877	860	843	830	817
B-24 Direct Man-Hours	1,015	458	73	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	71	120	135	111	126	133	157	153	174	203	218	224	195
Total Direct Man-Hours	3,075	2,457	2,005	1,838	1,722	1,519	1,479	1,449	1,450	1,461	1,458	1,448	1,379
Aver. Hrs. per Direct Worker in Month	223	197	186	186	186	186	186	186	186	186	186	186	186
Net Direct Employment	13,760	12,470	10,780	9,880	9,260	8,170	7,950	7,790	7,800	7,850	7,840	7,780	7,410
Total Net Employment	26,119	23,750	20,730	19,180	17,980	16,020	15,590	15,430	15,450	15,540	15,520	15,410	14,670
	OCT.												
AT-6 Direct Man-Hours	936	793	675	576	449	413	410	408	407	398	370	362	346
P-51 Direct Man-Hours	1,070	1,024	1,001	977	911	886	865	845	829	812	797	782	765
B-24 Direct Man-Hours	516	16	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	78	91	91	99	107	112	121	136	137	143	146	123	67
Total Direct Man-Hours	2,600	1,924	1,767	1,652	1,467	1,411	1,396	1,389	1,373	1,353	1,313	1,267	1,178
Aver. Hrs. per Direct Worker in Month	206	186	186	186	186	186	186	186	186	186	186	186	186
Net Direct Employment	12,615	10,340	9,500	8,880	7,890	7,590	7,510	7,470	7,380	7,270	7,060	6,810	6,330
Total Net Employment	23,958	20,280	18,630	17,410	15,470	14,880	14,870	14,790	14,610	14,400	13,980	13,490	12,540
	NOV.												
AT-6 Direct Man-Hours	1,056	867	600	532	467	405	403	402	391	363	355	340	316
P-51 Direct Man-Hours	1,056	953	945	922	936	947	968	952	929	907	876	842	807
C-82 Direct Man-Hours	—	—	—	4	20	43	78	136	261	464	704	856	926
B-24 Direct Man-Hours	7	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	118	129	132	151	186	174	170	172	179	183	176	175	137
Total Direct Man-Hours	2,237	1,749	1,677	1,617	1,609	1,529	1,619	1,662	1,760	1,917	2,111	2,213	2,206
Aver. Hrs. per Direct Worker in Month	210	186	186	186	186	186	186	186	186	186	186	186	186
Net Direct Employment	10,657	9,405	9,015	8,695	8,650	8,435	8,705	8,935	9,465	10,305	11,350	11,900	11,880
Total Net Employment	21,377	19,590	18,980	18,500	18,400	17,950	18,520	18,810	19,720	21,250	23,160	23,800	23,720
	DEC.												
AT-6 Direct Man-Hours	767	624	588	559	496	493	489	480	453	448	435	407	313
P-51 Direct Man-Hours	812	954	942	926	943	973	967	942	910	893	861	823	743
C-82 Direct Man-Hours	—	—	4	20	43	78	136	261	464	704	856	926	989
All Other Direct Man-Hours	131	134	160	189	196	201	184	184	188	181	180	162	145
Total Direct Man-Hours	1,710	1,712	1,694	1,694	1,678	1,745	1,776	1,867	2,024	2,226	2,332	2,318	2,190

TABLE 9. LABOR REQUIREMENTS - REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month; Average Direct and Total Employment in Units)

NORTH AMERICAN DALLAS "A" and "B" (Cont'd.)

ITEM	Report Month (Actual)	For Twelve Months Following Report Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
Aver. Hrs. per Direct Worker in Month	192	211	205	200	192	186	186	186	186	186	186	186	189
Net Direct Employment	8,301	8,150	8,265	8,470	8,745	9,380	9,550	10,040	10,880	11,970	12,540	12,460	11,775
Total Net Employment	19,083	18,010	18,127	18,338	18,806	19,960	20,105	20,920	22,435	24,430	25,080	24,920	23,550
	1945 JAN.												
AT-6 Direct Man-Hours	670	622	571	554	499	482	479	446	441	427	400	308	243
P-51 Direct Man Hours	842	879	887	885	899	893	872	849	829	801	766	694	614
C-82 Direct Man Hours	-	5	11	33	70	114	231	397	568	770	908	1,010	1,142
All Other Direct Man-Hours	149	206	238	237	260	260	276	287	253	220	198	91	74
Total Direct Man Hours	1,661	1,712	1,710	1,709	1,728	1,749	1,858	1,979	2,091	2,218	2,272	2,103	2,073
Aver. Hrs. per Direct Worker in Month	205	210	205	200	190	190	190	190	190	190	190	190	190
Net Direct Employment	8,112	8,150	8,340	8,545	9,095	9,205	9,780	10,415	11,005	11,675	11,960	11,070	10,910
Total Net Employment	17,836	17,750	18,140	18,375	18,350	19,575	20,375	21,475	22,460	23,350	23,920	22,140	21,820
	FEB.												
AT-6 Direct Man-Hours	587	518	501	460	454	416	382	379	371	349	282	235	234
P-51 Direct Man Hours	728	901	922	928	916	870	843	822	796	764	691	612	602
C-82 Direct Man-Hours	3	14	33	67	114	231	397	568	770	908	1,010	1,142	1,219
All Other Direct Man-Hours	143	247	244	265	266	277	285	252	217	197	89	74	74
Total Direct Man-Hours	1,411	1,680	1,700	1,720	1,750	1,794	1,907	2,021	2,154	2,218	2,072	2,063	2,129
Aver. Hrs. per Direct Worker in Month	179	210	205	202	200	200	200	200	200	200	200	200	200
Net Direct Employment	7,890	8,000	8,295	8,515	8,750	8,970	9,535	10,105	10,770	11,090	10,360	10,315	10,645
Total Net Employment	17,523	17,795	18,200	18,535	18,895	19,240	19,835	20,640	21,540	22,180	21,450	21,405	21,735
	MAR.												
AT-6 Direct Man-Hours	477	445	436	426	405	365	360	345	328	264	225	224	218
P-51 Direct Man-Hours	749	792	804	789	763	742	720	692	664	635	595	533	526
C-82 Direct Man-Hours	16	26	55	93	189	328	473	646	765	865	1,016	1,122	1,266
All Other Direct Man-Hours	174	141	149	145	161	171	151	158	152	136	139	127	127
Total Direct Man-Hours	1,416	1,404	1,444	1,453	1,518	1,606	1,704	1,841	1,909	1,900	1,975	2,006	2,137
Aver. Hrs. per Direct Worker in Month	190	190	190	190	195	200	200	200	200	200	200	200	200
Net Direct Employment	7,466	7,390	7,600	7,647	7,785	8,030	8,520	9,205	9,545	9,500	9,875	10,030	10,685
Total Net Employment	17,403	17,540	17,800	17,847	17,960	18,180	18,645	19,305	19,620	19,550	19,915	20,060	21,370
	APR.												
AT-6 Direct Man-Hours	430	399	387	380	309	306	288	273	221	188	182	179	158
P-51 Direct Man-Hours	689	739	727	700	682	662	633	608	540	494	485	479	473
C-82 Direct Man-Hours	36	55	93	189	328	473	646	765	900	1,016	1,122	1,266	1,367
All Other Direct Man-Hours	90	141	135	148	157	138	143	137	122	125	116	117	119
Total Direct Man-Hours	1,245	1,334	1,342	1,417	1,476	1,579	1,710	1,783	1,783	1,823	1,905	2,041	2,117
Aver. Hrs. per Direct Worker in Month	179	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	6,961	7,020	7,065	7,460	7,770	8,310	9,000	9,385	9,385	9,595	10,025	10,740	11,140
Total Net Employment	17,165	17,120	17,065	17,460	17,770	18,310	19,000	19,385	19,385	19,595	20,025	20,740	21,140
	MAY												
AT-6 Direct Man-Hours	374	260	202	135	181	136	62	25	—	—	—	—	—
P-51 Direct Man-Hours	683	647	582	525	447	389	362	294	231	200	168	124	86
C-82 Direct Man-Hours	131	206	253	316	340	442	695	866	1,032	1,206	1,256	1,370	1,456
All Other Direct Man-Hours	151	125	138	149	132	133	126	116	114	107	105	106	108
Total Direct Man-Hours	1,339	1,238	1,175	1,125	1,100	1,100	1,245	1,301	1,377	1,513	1,529	1,600	1,650
Aver. Hrs. per Direct Worker in Month	200	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	6,679	6,515	6,185	5,920	5,790	5,790	6,550	6,850	7,250	7,965	8,045	8,420	8,685
Total Net Employment	16,727	16,215	15,785	15,420	15,290	15,290	16,050	16,350	16,750	17,465	17,545	17,920	18,185
	JUNE												
AT-6 Direct Man-Hours	289	190	123	162	110	47	13	—	—	—	—	—	—
P-51 Direct Man-Hours	580	577	515	448	388	358	296	231	198	168	129	87	32
C-82 Direct Man-Hours	235	253	316	340	480	657	866	1,032	1,206	1,256	1,370	1,456	1,483
All Other Direct Man-Hours	136	158	177	159	162	151	141	142	134	131	131	130	108
Total Direct Man-Hours	1,240	1,178	1,131	1,109	1,140	1,213	1,316	1,405	1,538	1,555	1,630	1,673	1,623
Aver. Hrs. per Direct Worker in Month	191	190	190	190	190	190	190	190	190	190	190	190	190
Net Direct Employment	6,488	6,200	5,950	5,835	6,000	6,385	6,925	7,395	8,095	8,185	8,580	8,805	8,540
Total Net Employment	16 117	15,600	15,350	15,235	15,400	15,885	16,425	16,895	17,595	17,685	18,080	18,305	18,040

NORTH AMERICAN, INGLEWOOD

ITEM	Report Month (Actual)	For Twelve Months Following Report Month +1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-25 C Direct Man-Hours	1,685	1,557	1,570	1,647	1,693	1,705	1,749	1,750	1,725	1,690	1 685	1,700	1,608
A-36 Direct Man-Hours	645	345	185	50	—	—	—	—	—	—	—	—	—
P-51-A Direct Man-Hours	222	809	860	350	86	—	—	—	—	—	—	—	—
P-51-B Direct Man-Hours	—	277	569	1,213	1,535	1,600	1,550	1,350	1,300	1,250	1,200	1,100	920
All Other Direct Man-Hours	298	381	379	420	420	420	420	420	420	420	410	400	380
Total Direct Man Hours	2,850	3,369	3,563	3,680	3,734	3,725	3,719	3,720	3,715	3,710	3,705	3,700	3,702
Aver Hrs. per Direct Worker in Month	212	221	221	221	221	221	221	221	221	221	221	221	221
Direct Workers	13,440	15 200	16,100	16,700	16,900	16,900	16,900	16,800	16,800	16,800	16,800	16,800	16,800
Total Employees	24,646	27,200	28,500	29,600	30,000	30,000	30,000	29,800	29,800	29,800	29,800	29,800	29,800
	FEB.												
B-25-C Direct Man-Hours	1,405	1,492	1,666	1,678	1,666	1,670	1,652	1,649	1,641	1,635	1,639	1 630	1,555
A-36 Direct Man-Hours	276	100	80	60	—	—	—	—	—	—	—	—	—
P-51-A Direct Man-Hours	465	660	230	—	—	—	—	—	—	—	—	—	—
P-51-B Direct Man-Hours	103	423	990	1,200	968	500	105	—	—	—	—	—	—
P-51-D Direct Man-Hours	—	—	51	156	340	835	1,200	1,250	1,220	1,210	1,200	1,200	1 200
All Other Direct Man-Hours	280	340	370	365	365	365	365	365	365	365	365	365	365
Total Direct Man-Hours	2,534[3]	3,015	3,387	3,460[3]	3,340[3]	3,370	3,322	3 244[3]	3 226	3 210	3,204	3,195	3,100[3]
Aver. Hrs. per Direct Worker in Month	191	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	13,267	14,500	16,300	16,600	16,000	16,000	16,000	15,600	15,500	15,400	15,400	15,400	14,900
Total Employees	24,630	26,500	29,800	30,400	29,300	29,300	29,000	28,500	28,300	28,200	28,200	28,200	27,300
	MAR.												
B-25-C Direct Man-Hours	1,580	1,400	1,435	1,480	1,505	1,505	1,480	1,440	1 425	1,420	1,385	1,355	1,395
A-36 Direct Man-Hours	75	70	70	60	—	—	—	—	—	—	—	—	—
P-51-A Direct Man-Hours	625	595	190	—	—	—	—	—	—	—	—	—	—
P-51-B Direct Man-Hours	159	480	930	985	495	100	—	—	—	—	—	—	—
P-51-D Direct Man-Hours	—	50	160	350	845	1,240	1,240	1,140	1,100	1,075	1,060	1,050	1,050
All Other Direct Man-Hours	280	345	350	360	365	365	360	355	350	350	345	335	345
Total Direct Man-Hours	2,719	2,940	3,135	3,235	3,210	3,210	3,080	2,935	2,875	2,845	2,790	2,740	2,790
Aver. Hrs. per Direct Worker in Month	210	208	208	208	208	208	208	208	208	208	208	204	208
Direct Workers	12,936	14,100	15,100	15,500	15,300	15,300	14,800	14,100	13,800	13,700	13,400	13,400	13,400
Total Employees	24,576	26,100	27,300	27,900	27,500	27,500	26,900	26,100	25,550	25,350	24,900	24,900	24,900
	APR.												
B-25-C and G Direct Man-Hours	1,436	1,470	1,495	1,525	1,515	1,480	1,445	1,425	1,415	1,400	1,383	1,383	1,383
A-36 Direct Man-Hours	25	40	20	—	—	—	—	—	—	—	—	—	—
P-51-A Direct Man-Hours	485	205	—	—	—	—	—	—	—	—	—	—	—
P-51-B Direct Man-Hours	298	1,095	1,330	1,205	935	400	60	—	—	—	—	—	—
P-51-D Direct Man-Hours	—	—	60	175	375	925	1,290	1,290	1,230	1,190	1,180	1,180	1,180
All Other Direct Man-Hours	259	305	320	330	340	340	335	335	330	330	330	330	330
Total Direct Man-Hours	2,503	3,115	3,225	3,235	3,165	3,145	3,130	3,050	2,975	2,920	2,893	2,893	2,893
Aver. Hrs. per Direct Worker in Month	199	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	12,575	15,000	15,500	15,550	15,200	15,100	15,050	14,650	14,300	14,000	13,900	13,900	13,900
Total Employees	24,340												
	MAY												
B-25 Direct Man-Hours	1,401	1,477	1,536	1,541	1,498	1,424	1,424	1,427	1 431	1,357	1,389	1,405	1,364
A-36 Direct Man-Hours	14	—	—	—	—	—	—	—	—	—	—	—	—
P-51 Direct Man-Hours	830	1,289	1,231	1,216	1,265	1,329	1,302	1,270	1,260	1,280	1,290	1,268	1,252
All Other Direct Man-Hours	196	257	166	266	257	252	249	248	240	240	240	240	240
Total Direct Man-Hours	2,441	3,023	3,033	3,023	3,020	3,005	2,975	2,945	2,931	2,877	2,919	2,913	2,856
Aver. Hrs. per Direct Worker in Month	201	208	208	208	208	208	208	208	208	204	208	208	208
Direct Workers	12,118	14,500	14,600	14,500	14,500	14,400	14,300	14,200	14 100	14,100	14,000	14,000	13,700
Total Employees	24,067	26,500	26,700	26,500	26,500	25,300	26,100	25,900	25,700	25,700	25,600	25,600	25,000
	JUNE												
B-25 Direct Man-Hours	1,332	1,510	1,540	1,480	1,445	1,430	1,430	1,430	1 450	1,450	1,435	1,410	1,380
P-51 Direct Man-Hours	810	1,310	1,160	1,220	1,225	1,270	1,230	1,230	1,270	1 260	1,255	1,175	1,175
All Other Direct Man-Hours	159	220	220	210	210	210	210	210	210	210	210	205	200
Total Direct Man-Hours	2,301	3,040	2,920	2,910	2 880	2,910	2,870	2,870	2,930	2,920	2,900	2,790	2,755
Aver. Hrs. per Direct Worker in Month	196	208	208	208	208	208	208	208	212	212	212	208	208
Direct Workers	11,739	14,600	14,000	14,000	14,000	14,000	13,800	13,800	13,800	13,780	13,700	13,400	13,230
Total Employees	24,088	26,700	25,900	25,700	25,500	25,300	25,050	25,000	25,000	24,930	24,800	24,450	24,230
	JULY												
B-25 Direct Man-Hours	1,359	1,248	1,491	1,464	1 467	1 475	1,443	1,448	1,465	1,468	1,465	1,471	1,481
P-51 Direct Man-Hours	875	1,459	1,532	1,462	1,417	1 406	1,429	1,468	1,481	1,463	1,461	1,473	1,522
All Other Direct Man-Hours	202	200	218	226	226	227	223	224	226	226	226	227	228
Total Direct Man-Hours	2,430	2,907	3,151	3,152	3,110	3,108	3,095	3,140	3,172	3 157	3,152	3 171	3,231
Aver. Hrs. per Direct Worker in Month	209	208	210	210	208	208	208	210	210	208	208	208	208
Direct Workers	11,662	13,975	15,000	15,000	14,940	14,900	14,870	14,940	15,100	15,160	15,140	15,230	15,530
Total Employees	24,272	26,575	27,600	27,600	27,540	27,500	27,470	27,540	27,700	27,780	27,740	27,830	28,130
	AUG.												
B-25 Direct Man-Hours	1,245	915	881	1,064	1,314	1,312	1,432	1,659	1,419	1,658	1,580	1,512	1,658
P-51 Direct Man-Hours	974	1,363	1,301	1,411	1,520	1,508	1,618	1,840	1,644	1,841	1,758	1,681	1,841
All Other Direct Man-Hours	56	60	60	60	60	60	60	60	60	60	60	60	60
Total Direct Man-Hours	2,275	2,338	2,242	2,535	2,894	2,880	3 110	3,559	3,123	3,559	3,398	3,253	3,559

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, INGLEWOOD (Cont'd.)

	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 AUG.												
Aver. Hrs. per Direct Worker per Month	200	222	220	221	202	202	221	194	223	211	202	221
Direct Workers	11,369	11,500	11,400	11,200	11,400	16,100	16,100	16,150	16,100	16,100	16,100	16,100
Total Employees	23,850	27,700	27,650	27,150	30,075	30,075	30,075	30,075	30,075	30,075	30,075	30,075
	SEPT.												
B-25 Direct Man-Hours	1,153	922	925	930	981	1,012	1,062	1,125	1,174	1,182	1,170	1,123	987
P-51 Direct Man-Hours	1,104	1,302	1,394	1,567	1,599	1,674	1,710	1,729	1,756	1,741	1,801	1,897	1,989
All Other Direct Man-Hours	67	57	64	64	57	57	63	55	63	60	57	63	57
Total Direct Man-Hours	2,324	2,281	2,383	2,561	2,637	2,743	2,835	2,909	2,993	2,983	3,028	3,083	3,033
Aver. Hrs. per Direct Worker in Month	211	220	213	208	210	210	210	210	210	209	210	214	211
Direct Workers	10,968	12,300	12,350	12,550	13,100	13,500	13,850	14,250	14,300	14,380	14,380	14,380	14,380
Total Employees	23,340	24,350	24,350	24,600	24,800	25,350	26,750	26,100	26,500	26,550	26,640	26,640	26,640
	OCT.												
B-25 Direct Man-Hours	898	935	1,040	941	941	1,035	300	1,035	990	940	1,000	795	628
P-51 Direct Man-Hours	1,266	1,440	1,490	1,400	1,500	1,690	1,420	1,551	1,550	1,492	1,710	1,630	1,765
All Other Direct Man-Hours	77	64	67	61	61	67	58	67	64	61	67	61	64
Total Direct Man-Hours	2,241	2,439	2,597	2,402	2,502	2,792	2,378	2,653	2,604	2,493	2,777	2,486	2,457
Aver. Hrs. per Direct Worker in Month	204	213	222	202	205	229	195	217	213	204	227	204	193
Direct Workers	10,972	11,700	11,700	11,900	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200
Total Employees	23,397	24,300	24,100	24,300	24,400	24,400	24,400	24,400	24,400	24,400	24,400	24,400	24,400
	NOV.												
B-25 Direct Man-Hours	920	1,040	941	941	1,035	900	1,035	990	940	1,000	795	628	284
P-51 Direct Man-Hours	1,345	1,490	1,400	1,500	1,690	1,420	1,551	1,550	1,492	1,710	1,630	1,765	1,950
All Other Direct Man-Hours	98	67	61	61	67	58	67	64	61	67	61	64	64
Total Direct Man-Hours	2,363	2,597	2,402	2,502	2,792	2,378	2,653	2,604	2,493	2,777	2,486	2,457	2,298
Aver. Hrs. per Direct Worker in Month	212	222	202	205	229	195	217	216	207	230	207	193	188
Direct Workers	11,127	11,700	11,900	12,200	12,200	12,200	12,025	12,025	12,025	12,025	12,730	12,200	
Total Employees	23,268	23,450	23,650	23,750	23,750	23,750	23,400	23,400	23,400	23,400	24,280	23,750	
	DEC.												
B-25 Direct Man-Hours	938	844	850	867	757	935	915	876	967	851	862	790	562
P-51 Direct Man-Hours	1,239	1,497	1,491	1,700	1,490	1,632	1,545	1,465	1,600	1,490	1,598	1,670	1,685
All Other Direct Man-Hours	99	99	99	108	95	108	104	99	108	99	104	104	95
Total Direct Man-Hours	2,276	2,440	2,440	2,675	2,342	2,675	2,564	2,440	2,675	2,440	2,564	2,564	2,342
Aver. Hrs. per Direct Worker in Month	207	198	198	217	190	217	208	198	217	198	208	208	190
Direct Workers	10,987	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325
Total Employees	22,709	23,550	23,550	23,550	23,550	23,550	23,550	23,550	23,550	23,550	23,550	23,550	23,550
	1944 JAN.												
B-25 Direct Man-Hours	908	890	992	—	—	—	—	—	—	—	—	—	—
P-51 Direct Man-Hours	1,226	1,209	1,352	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	108	99	108	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,242	2,198	2,452	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	198	217	—	—	—	—	—	—	—	—	—	—
Direct Workers	10,788	11,100	11,300	—	—	—	—	—	—	—	—	—	—
Total Employees	22,281	22,800	23,000	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-25 Direct Man-Hours	875	946	860	900	600	110	0	—	—	—	—	—	—
P-51 Direct Man-Hours	1,208	1,335	1,192	1,144	1,615	1,949	2,236	2,094	2,194	2,194	1,989	2,294	1,989
All Other Direct Man-Hours	118	108	95	108	104	99	108	106	106	106	106	106	106
Total Direct Man-Hours	2,201	2,389	2,147	2,452	2,319	2,158	2,344	2,200	2,300	2,300	2,095	2,400	2,095
Aver. Hrs. per Direct Worker in Month	204	217	190	217	208	198	217	204	213	213	194	222	194
Direct Workers	10,798	11,007	11,300	11,300	11,150	10,500	10,800	10,800	10,800	10,800	10,800	10,800	10,800
Total Employees	22,159	22,547	23,000	23,000	22,850	22,600	22,500	22,500	22,500	22,500	22,500	22,500	22,500
	MAR.												
B-25 Direct Man-Hours	1,001	780	755	612	280	18	—	—	—	—	—	—	—
P-51 Direct Man-Hours	1,230	1,500	1,590	1,720	1,810	1,920	1,985	1,970	1,835	1,800	1,740	1,680	1,510
P-51 H Direct Man-Hours	—	—	—	1	4	10	30	74	112	188	310	531	696
All Other Direct Man-Hours	104	105	105	105	105	105	105	105	105	105	105	105	105
Total Direct Man-Hours	2,335	2,385	2,560	2,438	2,199	2,083	2,126	2,149	2,052	2,093	2,155	2,316	2,221
Aver. Hrs. per Direct Worker in Month	222	228	226	219	202	104	197	199	190	194	200	214	206
Direct Workers	10,532	11,300	11,300	11,150	10,900	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800
Total Employees	21,958	23,000	23,000	22,850	22,600	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500
	APR.												
B-25 Direct Man-Hours	817	598	309	54	—	—	—	—	—	—	—	—	—
P-51-D Direct Man-Hours	1,128	1,404	1,468	1,685	1,830	1,800	1,804	1,697	1,680	1,638	1,633	1,633	1,622
P-51-H Direct Man-Hours	—	—	1	2	3	5	12	25	68	100	162	280	480

NORTH AMERICAN, INGLEWOOD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 APR.												
P-82 Direct Man-Hours		—	—	—	—	—	—	2	5	7	10	18	43
All Other Direct Man-Hours	92	104	277	255	146	153	146	140	104	104	104	104	104
Total Direct Man-Hours	2,037	2,106	2,046	1,996	1,979	1,967	1,962	1,864	1,857	1,849	1,909	1,935	2,249
Aver. Hrs. per Direct Worker in Month	199	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	10,236	10,120	9,830	9,600	9,515	9,455	9,435	8,960	8,925	8,890	9,180	9,790	10,810
Total Employees	21,762	21,170	20,530	20,000	19,725	19,600	19,550	19,210	19,175	19,140	19,530	20,275	21,410
	MAY												
B-25 Direct Man-Hours	792	301	54	—	—	—	—	—	—	—	—	—	—
P-51-D Direct Man-Hours	1,241	1,322	1,509	1,615	1,592	1,590	1,499	1,481	1,446	1,441	1,445	1,428	1,373
P-51-H Direct Man-Hours	—	1	1	3	5	11	25	76	100	162	280	480	648
P-82 Direct Man-Hours	—	—	—	—	—	—	2	5	7	10	18	43	90
All Other Direct Man-Hours	156	308	333	250	255	248	243	199	204	197	202	198	203
Total Direct Man-Hours	2,189	1,932	1,899	1,868	1,852	1,849	1,769	1,761	1,757	1,810	1,945	2,149	2,314
Aver. Hrs. per Direct Worker in Month	218	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	10,036	9,290	9,143	8,985	8,900	8,895	8,515	8,465	8,445	8,705	9,355	10,320	11,100
Total Net Employment	21,206	19,300	19,040	18,370	18,380	18,380	18,350	18,340	18,340	18,360	19,100	20,270	21,150
	JUNE												
B-25 Direct Man-Hours	473	40	—	—	—	—	—	—	—	—	—	—	—
P-51-D Direct Man-Hours	1,243	1,434	1,564	1,560	1,571	1,493	1,481	1,446	1,441	1,445	1,427	1,373	1,194
P-51-H Direct Man-Hours	3	3	3	5	12	25	76	100	162	280	480	648	650
P-82 Direct Man-Hours	—	—	—	—	—	2	5	7	10	18	43	90	136
All Other Direct Man-Hours	155	286	260	241	223	219	181	181	181	181	181	181	181
Total Direct Man-Hours	1,874	1,763	1,827	1,806	1,806	1,739	1,743	1,734	1,794	1,924	2,131	2,292	2,161
Aver. Hrs. per Direct Worker in Month	203	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	9,216	8,475	8,760	8,680	8,680	8,370	8,380	8,340	8,625	9,250	10,230	11,000	10,400
Total Net Employment	19,301	17,875	18,160	18,080	18,080	17,770	17,780	17,740	18,025	18,900	20,460	21,230	20,630
	JULY												
B-25 Direct Man-Hours	35	—	—	—	—	—	—	—	—	—	—	—	—
P-51-D Direct Man-Hours	1,260	1,572	1,558	1,487	1,472	1,425	1,392	1,249	1,150	992	798	463	112
P-51-H Direct Man-Hours	1	5	13	35	72	120	197	305	473	655	872	1,020	1,100
P-82 Direct Man-Hours	—	—	—	—	—	1	4	10	24	62	131	204	300
All Other Direct Man-Hours	149	241	223	200	166	172	180	200	240	200	160	160	160
Total Direct Man-Hours	1,445	1,818	1,794	1,722	1,710	1,718	1,773	1,764	1,887	1,909	1,961	1,847	1,672
Aver. Hrs. per Direct Worker in Month	172	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	8,424	8,730	8,630	8,270	8,220	8,270	8,530	8,470	9,060	9,170	9,420	8,880	8,040
Total Net Employment	17,662	18,150	17,950	17,470	17,320	17,310	17,630	17,620	18,260	18,420	18,720	18,180	17,340
	AUG.												
P-51-D Direct Man-Hours	1,454	1,572	1,558	1,487	1,472	1,425	1,392	1,249	1,150	992	798	463	112
P-51-H Direct Man-Hours	1	5	13	35	72	120	197	305	473	655	872	1,020	1,100
P-82 Direct Man-Hours	—	—	—	—	—	1	4	10	24	62	131	204	300
All Other Direct Man-Hours	191	241	223	200	166	172	180	200	240	200	160	160	160
Total Direct Man-Hours	1,646	1,818	1,794	1,722	1,710	1,718	1,773	1,764	1,887	1,909	1,961	1,847	1,672
Aver. Hrs. per Direct Worker in Month	200	208	208	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	8,229	8,730	8,630	8,270	8,220	8,270	8,530	8,470	9,060	9,170	9,420	8,880	8,040
Total Net Employment	17,171	18,150	17,950	17,470	17,320	17,310	17,630	17,620	18,260	18,420	18,720	18,180	17,340
	SEPT.												
P-51-D Direct Man-Hours	1,330	1,478	1,487	1,472	1,425	1,392	1,249	1,148	993	800	463	112	—
P-51-H Direct Man-Hours	4	13	35	72	120	197	305	473	655	872	1,020	1,100	1,164
P-82 Direct Man-Hours	—	—	—	—	1	4	10	24	62	131	204	300	503
All Other Direct Man-Hours	168	223	179	166	172	180	200	240	200	160	160	160	160
Total Direct Man-Hours	1,502	1,714	1,710	1,710	1,718	1,773	1,764	1,885	1,910	1,963	1,847	1,672	1,827
Aver. Hrs. per Direct Worker in Month	185	208	108	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	8,112	8,250	8,170	8,220	8,270	8,530	8,470	9,060	9,170	9,420	8,880	9,040	8,780
Total Net Employment	16,952	17,470	17,170	17,120	17,220	17,530	17,520	18,260	18,420	18,720	18,180	17,340	18,080
	OCT.												
P-51-D Direct Man-Hours	1,400	1,363	1,278	1,243	1,185	1,026	913	812	677	383	90	—	—
P-51-H Direct Man-Hours	30	41	81	122	208	355	492	699	929	1,084	919	786	724
P-82 Direct Man-Hours	—	—	—	1	4	9	26	56	114	180	282	555	804
All Other Direct Man-Hours	147	154	167	198	220	243	248	240	187	162	162	162	162
Total Direct Man-Hours	1,577	1,558	1,526	1,564	1,617	1,633	1,679	1,807	1,907	1,809	1,453	1,503	1,690
Aver. Hrs. per Direct Worker in Month	195	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	8,099	7,790	7,630	7,820	8,085	8,165	8,395	9,035	9,535	9,045	7,265	7,515	8,430
Total Net Employment	16,890	16,890	16,730	16,920	17,185	17,265	17,495	18,135	18,635	18,145	16,165	16,315	17,250
	NOV.												
P-51-D Direct Man-Hours	1,357	1,191	1,178	1,143	1,036	944	813	662	359	78	—	—	—
P-51-H Direct Man-Hours	41	84	121	208	354	492	704	880	1,148	1,121	1,116	1,062	980
P-82 Direct Man-Hours	—	—	1	3	9	25	62	120	186	299	604	820	855

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, INGLEWOOD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 NOV.												
[illegible] Man Hours	92	97	198	220	243	248	240	187	162	162	162	162	162
[illegible] Man Hours	1,190	1,442	1,498	1,574	1,642	1,709	1,819	1,849	1,855	1,660	1,882	2,044	2,027
[illegible] Worker in Month	192	200	200	200	230	200	200	200	200	200	200	200	200
[illegible]	7,750	7,210	7,490	7,920	8,140	8,545	9,095	9,245	9,275	8,300	9,410	10,220	10,135
[illegible]	16,690	16,610	16,890	17,320	17,730	17,945	18,495	18,615	18,675	17,700	18,810	19,620	19,535
	DEC.												
P-51-D Direct Man-Hours	1,177	1,237	1,154	1,045	866	726	509	149					
P-51-H Direct Man-Hours	37	146	226	334	465	663	893	1,083	1,058	1,058	1,001	923	920
P-82 Direct Man-Hours	4	4	7	17	37	83	165	228	320	575	826	850	812
All Other Direct Man Hours	80	138	165	168	195	163	125	115	112	122	130	128	126
Total Direct Man Hours	1,298	1,525	1,552	1,564	1,553	1,635	1,692	1,575	1,490	1,755	1,957	1,901	1,858
Aver. Hrs. per Direct Worker in Month	180	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	7,210	7,625	7,760	7,820	7,765	8,175	8,460	7,875	7,450	8,775	9,785	9,505	9,260
Total Net Employment	16,405	17,025	17,160	17,220	17,165	17,575	17,860	17,275	16,850	18,175	19,185	18,905	18,690
	1945 JAN.												
P-51-D Direct Man-Hours	1,296	1,150	965	790	660	443	122						
P-51-H Direct Man-Hours	99	185	325	450	602	785	1,010	1,100	1,165	1,110	1,080	1,140	1,070
P-82 Direct Man-Hours	5	15	16	18	20	41	90	180	226	274	447	634	675
All Other Direct Man Hours	86	135	164	175	161	119	97	105	110	110	115	125	124
Total Direct Man Hours	1,486	1,485	1,470	1,433	1,443	1,388	1,319	1,385	1,501	1,494	1,642	1,899	1,869
Aver. Hrs. per Direct Worker in Month	209	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	7,101	7,400	7,350	7,165	7,215	6,940	6,595	6,925	7,505	7,470	8,210	9,495	9,345
Total Net Employment	16,495	17,400	17,400	17,265	17,365	17,140	16,845	17,200	17,805	17,770	18,510	19,795	19,645
	FEB.												
P-51-D Direct Man-Hours	1,104	985	830	700	483	142							
P-51-H Direct Man-Hours	158	325	450	602	785	1,010	1,100	1,165	1,110	1,080	1,140	1,070	1,010
P-82 Direct Man-Hours	14	16	18	20	41	90	180	226	274	447	634	675	670
All Other Direct Man-Hours	95	164	175	161	119	97	105	110	110	115	125	124	124
Total Direct Man-Hours	1,371	1,490	1,473	1,483	1,428	1,339	1,385	1,501	1,494	1,642	1,899	1,869	1,840
Aver. Hrs. per Direct Worker in Month	190	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	7,211	7,450	7,365	7,415	7,140	6,695	6,925	7,505	7,470	8,210	9,495	9,345	9,020
Total Net Employment	16,948	17,550	17,565	17,665	17,440	16,995	17,200	17,805	17,770	18,510	19,795	19,645	19,220
	MAR.												
P-51-D Direct Man-Hours	1,098	810	664	450	141								
P-51-H Direct Man-Hours	253	387	560	761	957	1,050	1,110	1,097	1,088	1,060	1,017	974	936
P-82 Direct Man Hours	16	11	23	47	84	144	194	253	353	429	456	517	501
All Other Direct Man-Hours	112	175	153	152	150	127	112	106	114	118	116	118	115
Total Direct Man-Hours	1,479	1,383	1,400	1,410	1,332	1,321	1,416	1,456	1,555	1,607	1,589	1,609	1,552
Aver. Hrs. per Direct Worker in Month	210	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	7,020	6,915	7,000	7,050	6,660	6,605	7,080	7,280	7,775	8,035	7,945	8,045	7,760
Total Net Employment	16,862	17,065	17,200	17,250	16,860	16,805	17,280	17,480	17,975	18,235	18,145	18,245	17,960
	APR.												
P-51-D Direct Man-Hours	790	664	450	142									
P-51-H Direct Man-Hours	412	559	734	920	950	950	940	905	880	836	815	797	763
P-82 Direct Man-Hours	17	23	47	84	144	194	243	353	429	456	517	501	503
All Other Direct Man-Hours	110	152	151	148	123	106	100	107	110	110	110	110	110
Total Direct Man-Hours	1,329	1,398	1,382	1,294	1,217	1,250	1,283	1,365	1,419	1,402	1,442	1,408	1,376
Aver. Hrs. per Direct Worker in Month	202	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	6,577	6,990	6,910	6,470	6,085	6,250	6,415	6,825	7,095	7,010	7,210	7,040	6,880
Total Net Employment	16,360	17,040	16,810	16,370	15,985	16,150	16,315	16,725	16,995	16,910	17,110	16,940	16,780
	MAY												
P-51-D Direct Man-Hours	655	450	142										
P-51-H Direct Man-Hours	564	689	865	592	891	884	858	837	821	807	708	773	763
P-82 Direct Man-Hours	37	37	62	94	108	105	83	52	14				
All Other Direct Man Hours	93	90	80	75	79	82	83	83	83	84	88	89	91
Total Direct Man Hours	1,349	1,266	1,149	1,061	1,078	1,071	1,024	972	918	891	886	862	854
Aver. Hrs. per Direct Worker in Month	221	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	6,102	6,330	5,745	5,305	5,390	5,355	5,120	4,860	4,590	4,455	4,430	4,310	4,270
Total Net Employment	15,630	15,430	14,345	13,000	12,800	12,500	11,700	10,800	10,200	9,900	9,850	9,600	9,500
	JUNE												
P-51-D Direct Man Hours	463	142											
P-51-H Direct Man-Hours	576	865	892	891	884	858	837	821	807	798	773	763	730
P-82 Direct Man Hours	46	62	94	108	105	83	52	14					
FJ-1 Direct Man Hours					2	6	14	33	58	72	89	107	147

NORTH AMERICAN, INGLEWOOD (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JUNE												
All Other Direct Man-Hours	77	80	75	79	82	83	83	86	88	89	91	91	91
Total Direct Man-Hours	1,162	1,149	1,031	1,078	1,073	1,030	986	931	947	938	951	961	968
Aver. Hrs. per Direct Worker in Month	205	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	5,661	5,715	5,305	5,390	5,365	5,150	4,930	4,655	4,735	4,690	4,755	4,805	4,840
Total Net Employment	14,491	14,345	13,000	12,800	12,510	11,740	10,950	10,580	10,550	10,450	10,550	10,650	10,750

NORTH AMERICAN, KANSAS CITY

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
B-25-D Direct Man-Hours	1,296	1,605	1,880	2,193	2,505	2,592	2,880	3,146	3,312	3,440	—	—	—
All Other Direct Man-Hours	98	240	280	327	375	648	720	724	828	860	—	—	—
Total Direct Man-Hours	1,394	1,845	2,160	2,520	2,880	3,240	3,600	3,870	4,140	4,300	—	—	—
Aver. Hrs. per Direct Worker in Month	218	228	228	288	228	228	228	228	228	228	—	—	—
Direct Workers	6,417	8,090	9,473	11,052	12,631	14,210	15,789	16,973	18,154	18,859	—	—	—
Total Employees	14,401	14,100	15,540	17,430	19,740	22,000	24,400	26,300	27,500	28,300	—	—	—
	FEB.												
B-25-D Direct Man-Hours	1,236	1,483	1,673	1,849	2,223	2,673	2,890	3,205	3,346	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,266	1,483	1,673	1,849	2,223	2,673	2,830	3,206	3,346	—	—	—	—
Aver. Hrs. per Direct Worker in Month	197	211	221	221	221	229	221	221	221	—	—	—	—
Direct Workers	6,410	7,000	7,600	8,400	10,000	11,700	13,100	14,500	15,200	—	—	—	—
Total Employees	14,581	15,300	16,100	17,200	19,000	20,700	22,100	23,500	24,200	—	—	—	—
	MAR.												
B-25-D Direct Man-Hours	1,404	1,673	1,849	2,223	2,673	2,890	3,206	3,346	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,404	1,673	1,849	2,223	2,673	2,890	3,206	3,346	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	224	221	221	221	229	221	221	221	—	—	—	—	—
Direct Workers	6,244	7,600	8,400	10,000	11,700	13,100	14,500	15,200	—	—	—	—	—
Total Employees	14,286	16,100	17,200	19,000	20,700	22,100	23,500	24,200	—	—	—	—	—
	APR.												
B-25-D Direct Man-Hours	1,207	1,379	1,612	1,940	2,063	2,185	2,413	2,413	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,207	1,379	1,612	1,940	2,063	2,185	2,413	2,413	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	195	197	197	205	197	197	197	197	—	—	—	—	—
Direct Workers	6,188	6,980	8,160	9,450	10,440	11,050	12,210	12,210	—	—	—	—	—
Total Employees	14,032	15,600	16,800	18,400	20,000	21,300	22,460	22,460	—	—	—	—	—
	MAY												
B-25-D Direct Man-Hours	1,376	1,612	1,940	2,063	2,185	2,413	2,413	2,413	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,376	1,612	1,940	2,063	2,185	2,413	2,413	2,413	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	207	197	205	197	197	197	197	197	—	—	—	—	—
Direct Workers	6,657	8,160	9,450	10,440	11,050	12,210	12,210	12,210	—	—	—	—	—
Total Employees	14,612	16,800	18,400	20,000	21,300	22,460	22,460	22,460	—	—	—	—	—
	JUNE												
B-25-D Direct Man-Hours	1,478	1,940	2,063	2,185	2,413	2,413	2,413	2,413	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,478	1,940	2,063	2,185	2,413	2,413	2,413	2,413	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	198	205	197	197	197	197	197	197	—	—	—	—	—
Direct Workers	7,447	9,450	10,440	11,050	12,210	12,210	12,210	12,210	—	—	—	—	—
Total Employees	16,090	18,400	20,000	21,300	22,460	22,460	22,460	22,460	—	—	—	—	—
	JULY												
B-25-D Direct Man-Hours	1,928	1,939	2,303	2,678	2,832	2,878	2,878	2,875	2,878	2,878	2,878	2,878	2,878
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,928	1,939	2,303	2,678	2,832	2,878	2,878	2,878	2,878	2,878	2,878	2,878	2,878
Aver. Hrs. per Direct Worker in Month	228	222	222	222	222	222	222	222	222	222	222	222	222
Direct Workers	8,551	8,736	10,374	12,066	12,761	12,930	12,930	12,930	12,930	12,930	12,930	12,930	12,930
Total Employees	17,641	17,901	20,624	22,895	23,850	24,180	24,180	24,180	24,180	24,180	24,180	24,180	24,180
	AUG.												
B-25 Direct Man-Hours	2,225	2,992	3,020	3,172	3,029	2,865	2,746	2,672	2,582	2,520	2,520	2,520	—
All Other Direct Man-Hours	9	7	7	7	7	7	7	7	7	7	7	7	—
Total Direct Man-Hours	2,234	2,999	3,027	3,179	3,036	2,872	2,753	2,679	2,589	2,527	2,527	2,527	—
Aver. Hrs. per Direct Worker in Month	228	216	216	216	216	216	216	216	216	216	216	216	—
Direct Workers	9,793	13,900	14,000	14,700	14,100	13,300	12,700	12,400	12,000	11,700	11,700	11,700	—
Total Employees	18,312	23,900	24,500	25,700	25,600	25,300	24,700	24,400	24,000	23,700	23,700	23,700	—

TABLE 9. LABOR REQUIREMENTS -- REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands, Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, KANSAS CITY (Cont'd)

Item	Report Month Actuals	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 SEPT.												
Aver. Hrs. per Direct Worker in Month	220												
Net Direct Employment	10,366												
Total Net Employment	21,040												
	OCT.												
B-25 (K.C.) Direct Man-Hours	2,651	2,572	2,525	2,869	2,942	2,952	2,952	2,952	2,952	2,952	2,952	2,952	2,952
All Other Direct Man-Hours	80	50	40	25	17	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,731	2,622	2,565	2,894	2,959	2,959	2,959	2,959	2,959	2,959	2,959	2,959	2,959
Aver. Hrs. per Direct Worker in Month	217	216	216	216	216	216	216	216	216	216	216	216	216
Direct Workers	12,599	12,150	11,880	13,400	13,700	13,700	13,700	13,700	13,700	13,700	13,700	13,700	13,700
Total Employees	22,712	21,900	21,200	23,800	24,100	24,100	24,100	24,100	24,100	24,100	24,100	24,100	24,100
	NOV.												
B-25 Direct Man-Hours	2,409	2,400	2,375	2,653	2,683	2,801	2,909	2,952	2,952	2,952	2,952	2,952	2,952
All Other Direct Man-Hours	87	80	70	25	17	7	7	7	7	7	7	7	7
Total Direct Man-Hours	2,496	2,480	2,445	2,678	2,700	2,808	2,916	2,959	2,959	2,959	2,959	2,959	2,959
Aver. Hrs. per Direct Worker in Month	204	216	216	216	216	216	216	216	216	216	216	216	216
Direct Workers	12,237	11,900	11,680	12,400	12,500	13,000	13,500	13,700	13,700	13,700	13,700	13,700	13,700
Total Employees	22,682	22,300	22,050	22,800	22,900	23,400	23,900	24,100	24,100	24,100	24,100	24,100	24,100
	DEC.												
B-25 Direct Man-Hours	1,999	1,908	1,932	1,994	2,114	2,243	2,372	2,490	2,490	2,490	2,490	2,490	2,490
All Other Direct Man-Hours	126	80	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	2,125	1,988	1,972	2,034	2,154	2,283	2,412	2,530	2,530	2,530	2,530	2,530	2,530
Aver. Hrs. per Direct Worker in Month	206	193	193	193	193	193	193	193	193	193	193	193	193
Direct Workers	10,350	10,300	10,220	10,540	11,160	11,829	12,500	13,100	13,100	13,100	13,100	13,100	13,100
Total Employees	22,524	22,100	22,120	22,340	22,960	23,629	24,300	24,900	24,900	24,900	24,900	24,900	24,900
	1944 JAN.												
B-25-D Direct Man-Hours	2,019	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	54	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	2,073	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	209	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	9,892	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	21,579	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
B-25 Direct Man-Hours	2,036	—	—	—	—	—	—	—	—	—	—	—	—
B-25 (K.C.) Portion	—	1,862	1,962	2,025	1,983	2,022	2,062	1,990	1,924	1,897	1,887	1,872	1,860
B-25 (Split) Portion	—	278	309	322	427	438	453	467	508	501	498	495	492
All Other Direct Man-Hours	13	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	2,049	2,180	2,311	2,387	2,450	2,500	2,555	2,497	2,472	2,438	2,425	2,407	2,392
Aver. Hrs. per Direct Worker in Month	213	208	208	204	204	204	204	204	204	204	204	204	204
Direct Workers	9,635	10,500	11,100	11,700	12,000	12,300	12,500	12,200	12,100	12,000	11,900	11,800	11,700
Total Employees	21,187	22,200	23,000	23,700	24,100	24,400	24,600	24,100	23,900	23,700	23,600	23,400	23,300
	MAR.												
B-25 J (K.C.) Direct Man-Hours	1,812	1,725	1,909	1,931	1,852	2,004	1,873	1,939	1,921	1,840	1,972	1,742	1,887
B-25 J (Split) Direct Man-Hours	285	293	392	404	404	476	445	461	457	437	468	413	448
All Other Direct Man-Hours	40	40	40	40	40	40	40	40	40	40	40	40	40
Total Direct Man-Hours	2,137	2,058	2,341	2,375	2,296	2,520	2,358	2,440	2,418	2,317	2,480	2,195	2,375
Aver. Hrs. per Direct Worker in Month	225	226	223	214	205	223	205	214	214	205	223	196	214
Direct Workers	9,463	10,500	11,900	11,100	11,200	11,300	11,500	11,400	11,300	11,300	11,200	11,200	11,100
Total Employees	21,111	22,200	22,900	22,900	23,000	23,000	23,100	23,000	22,900	22,800	22,700	22,600	22,500
	APR.												
B-25 (K.C.) Direct Man-Hours	1,522	1,653	1,828	1,783	1,915	1,753	1,769	1,736	1,663	—	—	—	—
B-25 (Split) Direct Man-Hours	361	369	462	430	483	501	553	565	550	—	—	—	—
All Other Direct Man-Hours	37	14	13	42	57	42	53	53	42	—	—	—	—
Total Direct Man-Hours	1,920	2,036	2,303	2,255	2,453	2,296	2,375	2,354	2,255	—	—	—	—
Aver. Hrs. per Direct Worker in Month	202	223	214	205	223	205	214	214	205	—	—	—	—
Direct Workers	9,477	10,600	10,900	11,000	11,000	11,200	11,100	11,000	11,000	—	—	—	—
Total Employees	21,340	22,400	22,300	22,400	22,400	22,500	22,400	22,300	22,200	—	—	—	—
	MAY												
B-25 (K.C.) Direct Man-Hours	1,764	1,683	1,799	1,527	1,477	1,447	1,405	1,366	1,313	1,180	1,024	872	725
B-25 (Split) Direct Man-Hours	489	440	429	435	429	408	383	366	341	278	234	213	154
All Other Direct Man-Hours	28	20	20	20	20	20	20	20	20	20	20	20	20
Total Direct Man-Hours	2,281	2,143	2,248	1,982	1,926	1,875	1,808	1,752	1,674	1,478	1,278	1,105	899

NORTH AMERICAN, KANSAS CITY (Cont'd.)

Item	Report Month Actuals	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAY												
Aver. Hrs. per Direct Worker in Month	220	210	205	205	205	205	205	205	205	205	205	205	205
Net Direct Employment	10,366	10,200	10,000	9,700	9,400	9,100	8,800	8,500	8,200	7,900	7,600	7,300	7,000
Total Net Employment	21,040	20,870	20,400	19,555	18,790	17,430	16,570	16,005	15,425	13,495	11,675	—	—
	JUNE												
B-25 (K.C.) Direct Man-Hours	1,556	1,577	1,531	1,490	1,454	1,424	1,392	1,350	1,318	1,226	1,075	912	765
B-25 (Split) Direct Man-Hours	477	458	443	420	399	384	369	352	338	299	245	196	80
All Other Direct Man-Hours	34	25	25	25	25	25	25	25	25	25	25	25	25
Total Direct Man-Hours	2,067	2,060	1,999	1,935	1,878	1,833	1,786	1,727	1,681	1,550	1,345	1,127	870
Aver. Hrs. per Direct Worker in Month	203	205	205	205	205	205	205	205	205	205	205	205	205
Net Direct Employment	10,174	10,000	9,700	9,400	9,100	8,900	8,700	8,400	8,200	7,500	6,500	5,500	2,700
Total Net Employment	20,548	20,075	19,275	18,555	17,815	17,015	16,330	15,740	15,330	14,125	12,185	10,470	5,200
	JULY												
B-25 (K.C.) Direct Man-Hours	1,318	1,333	1,290	1,252	1,222	1,173	1,156	1,140	1,112	967	865	719	475
B-25 (Split) Direct Man-Hours	430	406	376	355	345	330	320	308	293	252	232	187	117
All Other Direct Man-Hours	51	70	70	68	63	64	62	60	58	56	46	44	33
Total Direct Man-Hours	1,799	1,809	1,736	1,675	1,633	1,567	1,538	1,508	1,463	1,275	1,143	950	625
Aver. Hrs. per Direct Worker in Month	189	199	198	198	198	198	198	198	198	198	198	198	198
Net Direct Employment	9,518	9,100	8,800	8,500	8,200	7,900	7,800	7,600	7,400	6,400	5,800	4,800	3,200
Total Net Employment	19,393	18,290	17,520	16,695	15,830	14,905	14,715	14,285	13,855	12,000	10,850	8,380	6,030
	AUG.												
B-25 (K.C.) Direct Man-Hours	1,404	1,311	1,264	1,225	1,171	1,152	1,136	1,060	904	770	630	408	121
B-25 (Split) Direct Man-Hours	474	366	345	334	317	311	302	297	290	271	235	240	66
All Other Direct Man-Hours	56	54	54	54	54	54	54	54	51	46	43	40	28
Total Direct Man-Hours	1,994	1,731	1,663	1,613	1,542	1,517	1,492	1,411	1,245	1,087	938	688	215
Aver. Hrs. per Direct Worker in Month	223	203	203	203	203	203	203	203	203	203	203	203	203
Net Direct Employment	8,910	8,520	8,200	7,950	7,600	7,475	7,350	6,950	6,125	5,350	4,625	3,375	1,075
Total Net Employment	18,219	17,350	16,600	15,300	15,050	14,650	14,400	13,600	12,000	10,480	9,075	6,625	2,120
	SEPT.												
B-25 (K.C.) Direct Man-Hours	1,291	1,231	1,201	1,148	1,134	1,118	1,030	989	739	641	294	35	—
B-25 (Split) Direct Man-Hours	375	351	329	313	308	299	290	270	259	237	66	—	—
All Other Direct Man-Hours	45	45	44	44	44	43	43	40	36	34	32	15	—
Total Direct Man-Hours	1,711	1,627	1,574	1,505	1,486	1,460	1,383	1,199	1,054	912	392	50	—
Aver. Hrs. per Direct Worker in Month	206	203	203	203	203	203	203	203	203	203	203	203	—
Net Direct Employment	8,322	8,025	7,750	7,425	7,325	7,200	6,825	5,900	5,200	4,500	1,925	250	—
Total Net Employment	17,104	16,550	15,825	15,000	14,650	14,250	13,375	11,575	10,200	8,825	3,775	500	—
	OCT.												
B-25 (K.C.) Direct Man-Hours	1,173	1,173	1,121	1,104	1,083	1,011	853	724	613	287	38	—	—
B-25 (Split) Direct Man-Hours	400	320	303	292	284	269	252	232	113	20	—	—	—
All Other Direct Man-Hours	92	97	97	96	95	94	87	74	68	61	20	—	—
Total Direct Man-Hours	1,665	1,590	1,521	1,492	1,462	1,374	1,192	1,030	794	368	58	—	—
Aver. Hrs. per Direct Worker in Month	200	192	192	192	192	192	192	192	192	192	192	—	—
Net Direct Employment	7,952	7,950	7,925	7,775	7,625	7,150	6,200	5,360	4,135	1,916	300	—	—
Total Net Employment	16,367	16,250	16,175	15,700	15,400	14,300	12,400	10,720	8,270	3,832	600	—	—
	NOV.												
B-25 (K.C.) Direct Man-Hours	1,168	1,092	1,071	1,051	981	828	703	601	329	71	—	—	—
B-25 (Split) Direct Man-Hours	335	298	287	275	257	238	221	152	36	—	—	—	—
All Other Direct Man-Hours	77	85	92	88	82	70	61	53	23	6	—	—	—
Total Direct Man-Hours	1,580	1,475	1,450	1,414	1,320	1,133	985	803	391	77	—	—	—
Aver. Hrs. per Direct Worker in Month	201	184	185	188	188	188	188	188	188	188	—	—	—
Net Direct Employment	7,875	8,000	7,850	7,500	7,000	6,050	5,250	4,250	2,075	410	—	—	—
Total Net Employment	16,095	16,100	15,700	15,000	14,000	12,100	10,500	8,500	4,150	820	—	—	—
	DEC.												
B-25 (K.C.) Direct Man-Hours	1,042	1,101	1,078	990	818	712	549	312	99	11	—	—	—
B-25 (Split) Direct Man-Hours	310	294	279	253	220	188	118	34	—	—	—	—	—
All Other Direct Man-Hours	90	97	93	86	71	61	47	27	9	1	—	—	—
Total Direct Man-Hours	1,442	1,490	1,450	1,338	1,109	959	714	373	108	12	—	—	—
Aver. Hrs. per Direct Worker in Month	181	188	188	188	188	188	188	188	188	188	—	—	—
Net Direct Employment	7,987	7,900	7,700	7,100	5,900	5,100	3,800	2,000	600	70	—	—	—
Total Net Employment	16,072	15,900	15,400	14,200	11,800	10,200	7,600	4,000	1,200	140	—	—	—
	1945 JAN.												
B-25 (K.C.) Direct Man-Hours	1,150	986	699	642	544	452	424	408	373	304	137	17	0
B-25 (Split) Direct Man-Hours	323	232	198	180	172	171	170	160	145	112	50	8	0
P-80 Direct Man-Hours	—	11	27	60	125	223	310	397	408	490	550	647	723
All Other Direct Man-Hours	88	75	74	56	52	56	43	40	40	40	40	30	10
Total Direct Man-Hours	1,561	1,204	998	938	893	902	947	1,005	966	946	777	702	733

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTH AMERICAN, KANSAS CITY (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
Aver. Hrs. per Direct Worker in Month	207	196	200	200	200	200	200	200	200	200	200	200	200
Direct Employment	21	6,150	6,000	4,700	1,450	4,500	4,750	4,600	4,825	4,725	3,875	3,500	3,650
Total Net Employment	13,692	14,420	12,010	11,985	11,550	11,550	11,550	11,550	11,545	11,165	10,400	9,925	10,025
	FEB.												
B-25 (K C) Direct Man-Hours	547	699	642	544	452	424	408	373	304	137	17	—	—
B-25 (Split) Direct Man-Hours	237	198	180	172	171	170	160	145	112	50	8	—	—
P-80 Direct Man Hours	1	32	69	129	233	314	374	426	447	482	576	721	834
All Other Direct Man Hours	80	70	55	55	55	40	40	40	40	35	20	10	10
Total Direct Man Hours	1,115	999	946	900	911	948	982	984	903	704	621	731	844
Aver. Hrs. per Direct Worker in Month	175	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	6,634	4,995	4,730	4,500	4,555	4,740	4,910	4,920	4,515	3,520	3,105	3,655	4,220
Total Net Employment	14,535	—	—	—	—	—	—	—	—	—	—	—	—
	MAR.												
B-25 (K C) Direct Man-Hours	774	611	595	498	418	400	366	325	211	61	—	—	—
B-25 (Split) Direct Man-Hours	216	191	174	176	163	151	138	110	58	—	—	—	—
P-80 Direct Man Hours	6	35	58	116	230	287	418	463	530	658	723	863	1,042
All Other Direct Man-Hours	80	67	63	60	50	47	40	39	36	26	15	15	20
Total Direct Man Hours	1,076	904	890	850	861	885	962	937	835	745	738	878	1,062
Aver. Hrs. per Direct Worker in Month	201	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	5,354	4,520	4,450	4,250	4,305	4,425	4,810	4,685	4,175	3,725	4,390	4,390	5,310
Total Net Employment	13,391	12,500	12,000	11,800	11,800	11,800	11,800	11,700	11,300	10,500	10,550	11,250	12,500
	APR.												
B-25 (K C) Direct Man-Hours	624	589	490	411	393	340	319	208	60	—	—	—	—
B-25 (Split) Direct Man-Hours	201	174	162	149	138	126	101	53	—	—	—	—	—
P-80 Direct Man-Hours	15	57	112	218	271	387	429	490	620	716	843	975	1,101
All Other Direct Man-Hours	96	88	80	74	62	48	34	32	25	15	15	20	25
Total Direct Man-Hours	936	908	844	852	864	921	883	783	705	731	858	995	1,162
Aver. Hrs per Direct Worker in Month	196	200	200	200	200	200	200	200	200	200	200	200	200
Net Direct Employment	4,778	4,540	4,220	4,260	4,320	4,605	4,415	3,915	3,525	3,655	4,290	4,975	5,630
Total Net Employment	12,748	12,200	11,700	11,400	11,100	10,800	10,400	9,900	9,500	9,600	10,300	11,000	11,700
	MAY												
B-25 (K C) Direct Man-Hours	595	499	413	387	355	304	140	19	—	—	—	—	—
B-25 (Split) Direct Man-Hours	199	188	168	152	134	106	47	—	—	—	—	—	—
P-80 Direct Man-Hours	32	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	213	155	115	100	70	55	25	212	19	—	—	—	—
Total Direct Man-Hours	1,039	842	696	639	559	465	212	231	19	—	—	—	—
Aver. Hrs per Direct Worker in Month	238	200	200	200	200	200	200	200	200	—	—	—	—
Net Direct Employment	4,368	4,200	3,475	3,200	2,800	2,325	1,060	95	0	—	—	—	—
Total Net Employment	11,423	10,000	8,000	7,050	5,830	5,280	2,650	1,260	900	—	—	—	—
	JUNE												
B-25 (K C) Direct Man-Hours	456	411	387	355	305	153	27	—	—	—	—	—	—
B-25 (Split) Direct Man-Hours	174	165	149	132	104	47	—	—	—	—	—	—	—
P-80 Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	207	142	127	91	74	35	—	—	—	—	—	—	—
Total Direct Man-Hours	837	718	663	578	483	235	27	—	—	—	—	—	—
Aver. Hrs per Direct Worker in Month	205	200	200	200	200	200	200	200	—	—	—	—	—
Net Direct Employment	4,075	3,950	3,315	2,890	2,415	1,175	135	0	—	—	—	—	—
Total Net Employment	9,592	7,099	7,060	6,030	5,490	2,950	1,200	650	—	—	—	—	—

PIPER, LOCKHAVEN

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
L-4B Direct Man Hours	59	60	60	63	63	63	—	—	—	—	—	—	—
HE-1 Direct Man-Hours	14	20	23	—	—	—	—	—	—	—	—	—	—
TG-8 Direct Man Hours	19	17	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	91	60	91	124	142	148	—	—	—	—	—	—	—
Total Direct Man Hours	169	157	174	187	205	211	—	—	—	—	—	—	—
Aver. Hrs per Direct Worker in Month	165	160	172	180	192	192	—	—	—	—	—	—	—
Direct Workers	1,032	980	1,010	1,040	1,070	1,100	—	—	—	—	—	—	—
Total Employees	1,880	1,900	1,850	1,900	1,950	2,000	—	—	—	—	—	—	—
	FEB.												
L-4B Direct Man Hours	73	60	63	63	63	63	—	—	—	—	—	—	—
HE-1 Direct Man-Hours	9	9	16	16	—	—	—	—	—	—	—	—	—
TG-8 Direct Man Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	71	91	124	142	148	148	—	—	—	—	—	—	—
Total Direct Man-Hours	145	160	203	221	211	211	—	—	—	—	—	—	—

PIPER, LOCKHAVEN (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
Aver. Hrs per Direct Worker in Month	113	172	180	192	192	192	—	—	—	—	—	—	—
Direct Workers	1,016	1,010	1,040	1,070	1,100	1,100	—	—	—	—	—	—	—
Total Employees	1,816	1,850	1,900	1,950	2,000	2,000	—	—	—	—	—	—	—
	MAR.												
L-4A Direct Man Hours	14	29	58	58	58	58	58	58	58	58	58	58	58
HE-1 Direct Man-Hours	8	16	16	—	—	—	—	—	—	—	—	—	—
L-4B Direct Man-Hours	32	16	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	97	139	131	153	153	153	153	3	3	3	3	3	3
Total Direct Man-Hours	151	200	205	211	211	211	211	61	61	61	61	61	61
Aver. Hrs. per Direct Worker in Month	152	180	192	192	192	192	192	—	—	—	—	—	—
Direct Workers	1,003	1,040	1,070	1,100	1,100	1,100	1,100	—	—	—	—	—	—
Total Employees	1,854	1,900	1,950	2,000	2,000	2,000	2,000	—	—	—	—	—	—
	APR.												
L-4A Direct Man-Hours	13	58	58	58	58	58	58	58	58	58	58	58	58
HE-1 Direct Man-Hours	5	16	10	—	—	—	—	—	—	—	—	—	—
L-4B Direct Man-Hours	6	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	67	131	154	153	153	153	3	3	3	3	3	3	3
Total Direct Man-Hours	91	205	222	211	211	211	61	61	61	61	61	61	61
Aver. Hrs. per Direct Worker in Month	101	192	192	192	192	192	—	—	—	—	—	—	—
Direct Workers	904	1,070	1,100	1,100	1,100	1,100	—	—	—	—	—	—	—
Total Employees	1,704	1,950	2,000	2,000	2,000	2,000	—	—	—	—	—	—	—
	MAY												
L-4A Direct Man-Hours	36	58	58	58	58	58	58	58	58	58	58	58	58
HE-1 Direct Man-Hours	10	16	—	—	—	—	—	—	—	—	—	—	—
L-4B Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	67	159	175	175	175	175	175	25	25	25	25	25	3
Total Direct Man-Hours	114	233	233	233	233	233	233	83	83	83	83	83	61
Aver. Hrs. per Direct Worker in Month	133	233	217	217	217	217	217	—	—	—	—	—	—
Direct Workers	857	1,000	1,000	1,000	1,000	1,000	1,000	—	—	—	—	—	—
Total Employees	1,771	1,800	1,800	1,800	1,800	1,800	1,800	—	—	—	—	—	—
	JUNE												
L-4A Direct Man-Hours	61	68	45	45	45	45	45	45	45	45	45	45	45
HE-1 Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	68	113	188	188	188	188	188	22	22	22	22	22	22
Total Direct Man-Hours	134	181	233	233	233	233	233	67	67	67	67	67	67
Aver. Hrs. per Direct Worker in Month	162	201	233	233	233	233	233	—	—	—	—	—	—
Direct Workers	827	900	900	1,000	1,000	1,000	1,000	—	—	—	—	—	—
Total Employees	1,814	1,800	1,800	1,900	1,900	1,900	1,900	—	—	—	—	—	—
	JULY												
L-4H Direct Man-Hours	82	70	70	45	45	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	83	130	130	150	150	150	150	150	150	150	150	150	150
Total Direct Man-Hours	165	200	200	195	195	195	195	195	195	195	195	195	195
Aver. Hrs. per Direct Worker in Month	182	210	210	205	205	205	205	205	205	205	205	205	205
Direct Workers	900	950	950	950	950	950	950	950	950	950	950	950	950
Total Employees	1,946	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050
	AUG.												
L-4H Direct Man-Hours	83	80	80	45	45	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	82	130	130	150	150	157	150	150	150	150	150	150	150
Total Direct Man-Hours	165	210	210	195	195	195	195	195	195	195	195	195	195
Aver. Hrs. per Direct Worker in Month	171	222	222	205	205	205	205	205	205	205	205	205	205
Direct Workers	968	950	950	950	950	950	950	950	950	950	905	905	905
Total Employees	2,026	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050
	SEPT.												
L-4H Direct Man-Hours	65	80	80	45	45	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	92	130	150	150	150	150	150	150	150	150	150	150	150
Total Direct Man-Hours	157	210	230	195	195	195	195	195	195	195	195	195	195
Aver. Hrs. per Direct Worker in Month	157	210	210	195	195	195	195	195	195	195	195	195	195
Direct Workers	1,000	1,000	1,095	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Employees	2,019	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050
	OCT.												
L-4H Direct Man-Hours	79	45	45	45	45	45	45	45	45	45	45	45	45
All Other Direct Man-Hours	76	150	150	150	150	150	150	150	150	150	150	150	150
Total Direct Man-Hours	155	195	195	195	195	195	195	195	195	195	195	195	195

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

PIPER, LOCKHAVEN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
Aver. Hrs. per Direct Worker in Month	84	195	195	195	195	195	195	195	195	195	195	195	195
Direct Employment	1,488	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Employment	2,084	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050
	NOV.												
L-4H Direct Man-Hours	77	77	77	77	77	77	77	77	77	----	----	----	----
All Other Direct Man-Hours	158	174	173	117	117	117	77	37	37	----	----	----	----
Total Direct Man-Hours	235	251	250	194	194	194	154	114	114	----	----	----	----
Aver. Hrs. per Direct Worker in Month	203	191	191	191	191	191	191	191	191	----	----	----	----
Direct Workers	1,154	1,317	1,309	1,013	1,013	1,013	804	594	594	----	----	----	----
Total Employees	2,037	2,050	2,039	1,651	1,651	1,651	1,304	944	994	----	----	----	----
	DEC.												
L-4H Direct Man-Hours	75	77	77	77	76	76	77	76	----	----	----	----	----
LBP-1 Direct Man-Hours	--	--	----	----	4	6	11	17	17	17	17	6	----
All Other Direct Man-Hours	113	117	117	117	117	77	37	37	5	5	5	5	----
Total Direct Man-Hours	188	194	194	194	197	159	125	130	22	22	22	11	----
Aver. Hrs. per Direct Worker in Month	151	193	191	191	191	191	191	191	191	191	191	191	----
Direct Workers	1,248	1,003	1,013	1,013	1,033	833	654	680	116	116	116	56	----
Total Employees	2,015	1,661	1,651	1,651	1,671	1,383	1,154	1,180	316	316	316	130	----
	1944 JAN.[3]												
L-4H Direct Man-Hours	68	----	----	----	----	----	----	----	----	----	----	----	----
LBP Direct Man-Hours	----	----	----	----	----	----	----	----	----	----	----	----	----
All Other Direct Man-Hours	82	----	----	----	----	----	----	----	----	----	----	----	----
Total Direct Man-Hours	150	----	----	----	----	----	----	----	----	----	----	----	----
Aver. Hrs. per Direct Worker in Month	151	----	----	----	----	----	----	----	----	----	----	----	----
Direct Workers	995	----	----	----	----	----	----	----	----	----	----	----	----
Total Employees	1,782	----	----	----	----	----	----	----	----	----	----	----	----
	FEB.												
L-4H Direct Man-Hours	57	57	68	79	90	65	----	----	----	----	----	----	----
LBP Direct Man-Hours	--	----	----	4	6	12	17	17	17	17	6	----	----
All Other Direct Man-Hours	53	124	190	190	203	100	36	35	35	35	15	----	----
Total Direct Man-Hours	110	181	258	273	299	177	53	52	52	52	21	----	----
Aver. Hrs. per Direct Worker in Month	148	180	196	196	196	180	180	180	180	180	180	----	----
Direct Workers	741	1,000	1,317	1,389	1,516	977	288	288	288	288	115	----	----
Total Employees	1,576	1,900	2,217	2,289	2,416	1,877	588	588	588	588	265	----	----
	MAR.												
L-4H Direct Man-Hours	51	61	71	81	81	81	81	81	53	----	----	----	----
LBP-1 Direct Man Hours	----	----	4	6	12	17	17	17	17	6	----	----	----
All Other Direct Man-Hours	66	96	99	113	65	46	40	46	40	25	----	----	----
Total Direct Man-Hours	117	157	174	200	158	144	138	144	110	31	----	----	----
Aver. Hrs. per Direct Worker in Month	148	170	170	170	170	170	170	170	170	170	----	----	----
Direct Workers	790	923	1,025	1,179	928	847	810	845	648	183	----	----	----
Total Employees	1,589	1,773	1,925	2,079	1,778	1,647	1,610	1,645	1,398	483	----	----	----
	APR.												
L-4H Direct Man-Hours	62	71	81	81	81	81	81	53	----	----	----	----	----
LBP-1 Direct Man-Hours	----	----	----	----	1	3	8	14	21	34	13	----	----
All Other Direct Man-Hours	53	120	134	86	66	60	66	61	97	87	129	----	----
Total Direct Man-Hours	115	191	215	167	148	144	155	128	49	49	28	----	----
Aver. Hrs. per Direct Worker in Month	138	170	170	170	170	170	170	170	170	170	170	----	----
Direct Workers	836	1,125	1,267	982	872	847	910	752	290	286	162	----	----
Total Employees	1,577	2,205	2,167	1,432	1,672	1,647	1,710	1,502	590	586	362	----	----
	MAY												
L-4H Direct Man-Hours	91	101	91	91	91	91	65	----	----	----	----	----	----
LBP-1 Direct Man-Hours	----	----	----	1	3	8	14	24	33	13	----	----	----
All Other Direct Man-Hours	26	75	75	56	50	56	50	15	5	5	----	----	----
Total Direct Man-Hours	117	176	166	148	144	155	129	39	38	18	----	----	----
Aver. Hrs. per Direct Worker in Month	140	195	184	164	163	181	149	65	----	----	----	----	----
Net Direct Employment	837	900	900	900	875	850	850	750	----	----	----	----	----
Total Net Employment	1,546	1,700	1,700	1,700	1,675	1,650	1,500	----	----	----	----	----	----
	JUNE												
L-4 H Direct Man-Hours	95	91	91	91	91	91	91	91	91	65	----	----	----
LBP-1 Direct Man-Hours	----	----	1	3	8	14	24	33	13	----	----	----	----
All Other Direct Man-Hours	27	44	43	38	30	20	10	----	----	----	----	----	----
Total Direct Man-Hours	122	135	135	132	129	125	125	124	104	65	----	----	----

PIPER, LOCKHAVEN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
Aver. Hrs. per Direct Worker in Month	146	150	150	150	150	150	150	----	----	----	----	----	----
Net Direct Employment	832	900	900	875	850	850	850	----	----	----	----	----	----
Total Net Employment	1,583	1,700	1,700	1,675	1,650	1,650	1,650	----	----	----	----	----	----
	JULY												
L-4 Direct Man-Hours	94	91	91	91	91	91	70	36	----	----	----	----	----
LBP-1 Direct Man-Hours	1	1	3	8	14	24	33	13	----	----	----	----	----
All Other Direct Man Hours	28	43	38	30	20	10	10	9	----	----	----	----	----
Total Direct Man-Hours	123	135	132	129	125	125	113	58	----	----	----	----	----
Aver. Hrs. per Direct Worker in Month	146	150	150	150	150	150	150	150	----	----	----	----	----
Net Direct Employment	836	900	880	860	850	850	753	387	----	----	----	----	----
Total Net Employment	1,630	1,700	1,680	1,660	1,650	1,650	1,453	1,087	----	----	----	----	----
	AUG.												
L-4 Direct Man-Hours	95	91	91	91	91	70	36	----	----	----	----	----	----
LBP-1 Direct Man-Hours	1	3	8	14	24	33	13	----	----	----	----	----	----
All Other Direct Man-Hours	19	38	30	20	10	10	10	----	----	----	----	----	----
Total Direct Man-Hours	115	132	129	125	125	113	59	----	----	----	----	----	----
Aver. Hrs. per Direct Worker in Month	162	150	150	150	150	150	150	----	----	----	----	----	----
Net Direct Employment	811	880	860	833	833	753	700	----	----	----	----	----	----
Total Net Employment	1,576	1,680	1,680	1,633	1,633	1,453	1,400	----	----	----	----	----	----
	SEPT.												
L-4 Direct Man-Hours	86	91	91	91	64	39	16	----	----	----	----	----	----
LBP Direct Man-Hours	7	8	8	8	13	19	32	115	160	160	128	60	----
All Other Direct Man Hours	11	25	25	10	10	10	5	5	5	5	5	5	----
Total Direct Man Hours	104	124	124	109	87	68	53	120	165	165	133	65	----
Aver. Hrs. per Direct Worker in Month	134	150	150	150	150	150	150	150	150	150	150	150	----
Net Direct Employment	789	824	824	724	579	453	353	800	1,100	1,100	887	433	----
Total Net Employment	1,532	1,574	1,574	1,474	1,179	1,083	853	1,550	1,900	1,900	1,687	933	----
	OCT.												
L-4 Direct Man-Hours	104	91	91	64	39	36	----	----	----	----	----	----	----
LBP Direct Man Hours	8	8	8	13	19	32	115	160	160	128	60	----	----
All Other Direct Man-Hours	19	25	10	10	10	5	5	5	5	5	5	----	----
Total Direct Man-Hours	131	124	109	87	68	73	120	165	165	133	65	----	----
Aver. Hrs. per Direct Worker in Month	166	150	150	150	150	150	150	150	150	150	150	----	----
Net Direct Employment	791	824	724	579	579	487	800	1,100	1,100	887	444	----	----
Total Net Employment	1,548	1,574	1,474	1,179	1,179	987	1,550	1,900	1,900	1,687	944	----	----
	NOV.												
L-4 Direct Man-Hours	74	51	45	8	5	----	----	----	----	----	----	----	----
LBP-1 Direct Man-Hours	6	8	13	19	32	115	160	160	130	30	----	----	----
All Other Direct Man-Hours	6	10	10	10	5	5	5	5	5	5	----	----	----
Total Direct Man-Hours	86	69	68	37	42	120	165	165	135	35	----	----	----
Aver. Hrs. per Direct Worker in Month	121	150	150	150	150	150	150	150	150	150	----	----	----
Net Direct Employment	709	457	452	248	280	800	1,100	1,100	900	233	----	----	----
Total Net Employment	1,461	1,057	952	748	780	1,600	1,900	1,900	1,700	633	----	----	----
	DEC.												
L-4J Direct Man Hours	60	45	8	5	----	----	----	----	----	----	----	----	----
LBP-1 Direct Man-Hours	1	13	19	32	115	160	160	130	30	----	----	----	----
All Other Direct Man-Hours	9	10	10	10	10	10	10	10	10	----	----	----	----
Total Direct Man-Hours	70	68	37	47	125	170	170	140	40	----	----	----	----
Aver. Hrs. per Direct Worker in Month	127	150	150	150	150	150	150	150	150	----	----	----	----
Net Direct Employment	557	452	248	313	833	1,133	1,133	933	267	----	----	----	----
Total Net Employment	1,327	952	748	813	1,633	1,933	1,933	1,733	667	----	----	----	----
	1945 JAN.												
L-4-J Direct Man-Hours	69	55	76	76	----	----	----	----	----	----	----	----	----
LBP-1 Direct Man Hours	2	19	32	116	161	161	131	31	----	----	----	----	----
All Other Direct Man-Hours	19	20	20	20	20	20	20	20	----	----	----	----	----
Total Direct Man-Hours	90	94	128	212	181	181	151	51	----	----	----	----	----
Aver. Hrs. per Direct Worker in Month	162	150	150	150	150	150	150	----	----	----	----	----	----
Net Direct Employment	557	627	855	1,415	1,207	1,207	1,007	340	----	----	----	----	----
Total Net Employment	1,301	1,367	1,655	2,315	2,057	2,057	1,817	790	----	----	----	----	----
	FEB.												
L-4 Direct Man-Hours	75	50	50	50	50	76	66	55	34	26	11	----	----
LBP-1 Direct Man-Hours	5	25	55	69	59	28	----	----	----	----	----	----	----
L-14 Direct Man-Hours	----	----	----	----	----	15	44	74	99	118	133	139	133
All Other Direct Man-Hours	17	21	36	44	69	125	125	139	139	97	97	97	97
Total Direct Man-Hours	97	96	141	163	178	244	235	268	272	241	243	238	230

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1943

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

PIPER, LOCKHAVEN (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
Aver. Hrs. per Direct Worker in Month	151	170	170	170	170	170	170	170	170	170	170	170	170
Net Direct Employment	641	855	829	962	1,050	1,433	1,380	1,580	1,602	1,418	1,429	1,384	1,351
Total Net Employment	1,332	1,580	1,629	1,774	1,875	2,343	2,290	2,590	2,622	2,328	2,339	2,294	2,261
	MAR.												
L4-J Direct Man Hours	59	50	50	50	76	66	55	34	26	11	—	—	—
LBP-1 Direct Man-Hours	3	55	69	59	28	—	—	—	—	—	—	—	—
L 14 Direct Man Hours	3	—	—	—	15	44	74	99	118	135	138	133	—
All Other Direct Man Hours	15	36	45	70	125	125	139	139	97	97	97	97	—
Total Direct Man-Hours	80	141	164	179	244	235	268	272	221	243	235	230	—
Aver Hrs per Direct Worker in Month	120	170	170	170	170	170	170	170	170	170	170	170	—
Net Direct Employment	667	829	964	1,050	1,433	1,380	1,581	1,601	1,300	1,429	1,384	1,351	—
Total Net Employment	1,354	1,629	1,774	1,875	2,343	2,290	2,591	2,621	2,210	2,339	2,294	2,261	—
	APR.												
L 4 Direct Man-Hours	72	50	50	76	66	55	34	26	7	—	—	—	—
LBP-1 Direct Man-Hours	9	9	2	—	—	—	—	—	—	—	—	—	—
L-14 Direct Man-Hours	4	3	3	44	74	99	118	135	139	—	—	—	—
All Other Direct Man-Hours	18	37	53	86	118	140	139	97	96	—	—	—	—
Total Direct Man-Hours	103	99	108	206	258	294	291	258	242	—	—	—	—
Aver Hrs per Direct Worker in Month	159	170	170	170	170	170	170	170	170	—	—	—	—
Net Direct Employment	652	580	637	1,211	1,517	1,728	1,518	1,424	—	—	—	—	—
Total Net Employment	1,358	1,300	1,382	2,061	2,477	2,728	2,712	2,478	2,374	—	—	—	—
	MAY												
L-4J Direct Man-Hours	75	50	76	66	55	34	26	7	—	—	—	—	—
LBP-1 Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
L 14 Direct Man-Hours	9	3	20	20	40	75	101	140	—	—	—	—	—
All Other Direct Man-Hours	12	23	51	70	91	110	128	130	—	—	—	—	—
Total Direct Man-Hours	99	76	147	156	186	219	255	277	—	—	—	—	—
Aver Hrs per Direct Worker in Month	154	170	170	170	170	170	170	170	—	—	—	—	—
Net Direct Employment	641	444	963	917	1,096	1,287	1,498	1,627	—	—	—	—	—
Total Net Employment	1,338	1,244	1,673	1,729	1,935	2,125	2,457	2,657	—	—	—	—	—
	JUNE												
L-4J Direct Man-Hours	72	76	66	55	34	27	7	—	—	—	—	—	—
L-14 Direct Man-Hours	7	20	20	40	65	100	140	—	—	—	—	—	—
All Other Direct Man-Hours	26	51	70	91	110	128	130	—	—	—	—	—	—
Total Direct Man-Hours	105	147	156	186	209	225	277	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	163	170	170	170	170	170	170	—	—	—	—	—	—
Net Direct Employment	643	863	917	1,096	1,227	1,498	1,627	—	—	—	—	—	—
Total Net Employment	1,331	1,673	1,729	1,935	2,065	2,437	2,657	—	—	—	—	—	—

NORTHROP, HAWTHORNE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
A-31 Direct Man-Hours	310	300	260	240	—	—	—	—	—	—	—	—	—
YP-61 Direct Man-Hours	148	145	180	210	265	195	—	—	—	—	—	—	—
P-61 Direct Man-Hours	13	28	85	120	300	400	575	609	650	680	720	732	735
All Other Direct Man-Hours	357	336	350	313	318	293	318	289	248	223	183	171	168
Total Direct Man-Hours	828	809	875	883	883	888	893	898	898	903	903	903	903
Aver Hrs. per Direct Worker in Month	180	172	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	4,602	4,700	4,725	4,775	4,775	4,800	4,825	4,850	4,850	4,875	4,875	4,875	4,875
Total Employees	8,914	8,950	9,000	9,100	9,100	9,150	9,200	9,250	9,250	9,300	9,300	9,300	9,300
	FEB.												
A 31 Direct Man-Hours	255	260	240	—	—	—	—	—	—	—	—	—	—
YP-61 Direct Man-Hours	174	195	210	—	—	—	—	—	—	—	—	—	—
P 61 Direct Man-Hours	18	25	37	637	764	963	900	875	815	760	700	650	650
All Other Direct Man-Hours	340	375	368	383	415	543	624	610	546	460	376	282	266
Total Direct Man-Hours	787	855	855	1,020	1,179	1,506	1,524	1,485	1,361	1,220	1,076	932	916
Aver Hrs per Direct Worker in Month	167	180	180	185	185	185	185	185	185	185	185	185	172
Direct Workers	4,721	4,750	4,750	5,520	6,380	8,130	8,240	8,030	7,350	6,000	5,820	5,030	5,330
Total Employees	9,259	9,300	9,300	10,850	12,560	15,930	16,160	15,750	14,400	12,950	11,400	9,875	10 470
	MAR.												
A-31 Direct Man-Hours	175	108	40	—	—	—	—	—	—	—	—	—	—
YP-61 Direct Man-Hours	245	210	130	—	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	63	50	50	764	963	900	875	815	760	700	650	650	650
All Other Direct Man-Hours	339	408	520	415	543	624	610	546	460	376	282	266	260
Total Direct Man-Hours	822	776	740	1,179	1,506	1,524	1,485	1,361	1,220	1,076	932	916	910

NORTHROP, HAWTHORNE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
Aver. Hrs. per Direct Worker in Month	185	185	185	185	185	185	185	185	185	185	185	172	155
Direct Workers	4,441	4,200	4,000	6,380	8,130	8,240	8,330	7,350	6,600	5,820	5,030	5,330	4,920
Total Employees	9,214	8,800	8,400	12,500	15,930	16,160	15,750	14,400	12,950	11,400	9,875	10,470	9,650
	APR.												
A-31 Direct Man-Hours	58	20	—	—	—	—	—	—	—	—	—	—	—
YP-61 Direct Man-Hours	232	210	200	—	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	89	50	55	963	900	875	815	760	700	650	650	650	650
All Other Direct Man-Hours	391	460	485	543	624	610	546	460	376	282	266	260	240
Total Direct Man-Hours	770	740	740	1,506	1,524	1,485	1,361	1,220	1,076	932	916	910	890
Aver. Hrs. per Direct Worker in Month	185	185	185	185	185	185	185	185	185	185	172	185	185
Direct Workers	4,166	4,000	4,000	8,130	8,240	8,030	7,350	6,600	5,820	5,030	5,330	4,920	4,710
Total Employees	8,957	8,400	8,400	15,930	16,160	15,750	14,400	12,950	11,400	9,875	10,470	9,650	9,250
	MAY												
A-31 Direct Man-Hours	5	—	—	—	—	—	—	—	—	—	—	—	—
YP-61 Direct Man-Hours	186	164	122	62	10	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	60	83	158	278	529	936	1,075	1,075	1,075	1,075	1,075	1,075	1,075
All Other Direct Man-Hours	330	326	336	329	332	334	338	348	357	365	377	396	422
Total Direct Man-Hours	581	573	616	669	871	1,270	1,413	1,423	1,432	1,440	1,452	1,471	1,497
Aver. Hrs. per Direct Worker in Month	154	155	160	170	185	185	185	185	185	185	185	185	185
Direct Workers	3,777	3,697	3,850	3,935	4,708	6,865	7,638	7,692	7,741	7,784	7,849	7,951	8,092
Total Employees	8,573	8,500	8,750	8,850	9,600	13,200	13,850	14,000	14,100	14,150	14,250	14,450	14,720
	JUNE												
YP-61 Direct Man-Hours	151	120	60	10	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	98	187	349	583	890	905	905	905	905	905	905	905	905
All Other Direct Man-Hours	341	351	359	329	283	288	297	298	306	318	318	333	349
Total Direct Man-Hours	590	658	768	922	1,173	1,193	1,202	1,230	1,211	1,223	1,223	1,238	1,254
Aver. Hrs. per Direct Worker in Month	177	177	177	180	185	185	185	185	185	185	185	185	185
Direct Workers	3,320	3,720	4,339	5,120	6,340	6,455	6,505	6,503	6,555	6,615	6,615	6,700	6,778
Total Employees	8,512	8,912	9,512	10,312	11,520	11,750	11,850	11,860	11,900	12,000	12,000	12,200	12,350
	JULY												
YP-61 Direct Man-Hours	105	80	34	—	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	170	282	435	553	649	793	902	987	1,071	980	925	865	825
All Other Direct Man-Hours	366	309	265	272	282	292	292	299	291	301	327	343	364
Total Direct Man-Hours	641	671	734	825	931	1,085	1,194	1,286	1,362	1,281	1,252	1,208	1,189
Aver. Hrs. per Direct Worker in Month	192	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	3,335	3,615	3,975	4,455	5,035	5,870	6,465	6,965	7,365	6,930	6,770	6,530	6,430
Total Employees	8,580	8,820	9,250	9,910	10,720	11,740	12,420	12,920	13,400	12,600	12,300	11,880	11,720
	AUG.												
YP-61 Direct Man-Hours	66	24	—	—	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	264	400	530	640	703	902	967	1,071	980	925	865	825	820
All Other Direct Man-Hours	332	293	274	342	477	430	486	489	502	503	483	466	439
Total Direct Man-Hours	662	717	804	982	1,180	1,332	1,453	1,560	1,482	1,428	1,348	1,291	1,259
Aver. Hrs. per Direct Worker in Month	185	185	185	185	185	185	185	185	185	185	185	185	185
Direct Workers	3,588	3,880	4,350	5,320	8,370	7,200	7,830	8,440	8,010	7,710	7,280	6,970	6,800
Total Employees	8,741	9,250	10,000	11,320	12,740	13,850	14,550	16,340	14,550	14,000	11,230	12,660	12,350
	SEPT.												
YP-61 Direct Man-Hours	31	—	—	—	—	—	—	—	—	—	—	—	—
P-61 Direct Man-Hours	348	445	475	507	594	707	871	927	1,014	930	894	875	820
All Other Direct Man-Hours	305	275	297	321	359	371	399	397	422	425	429	442	436
Total Direct Man-Hours	684	720	772	828	953	1,078	1,270	1,324	1,436	1,355	1,323	1,317	1,256
Aver Hrs. per Direct Worker in Month	180	185	185	185	185	179	194	179	194	185	185	194	185
Direct Workers	3,807	3,890	4,170	4,480	5,150	6,030	6,550	7,400	7,400	7,320	7,170	6,800	6,800
Total Employees	9,053	9,270	9,600	9,950	10,700	11,800	12,350	13,400	13,400	13,300	13,050	12,350	12 350
	OCT.[2]												
P-61 Direct Man-Hours	419	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	273	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	692	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	180	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,841	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	9,156	—	—	—	—	—	—	—	—	—	—	—	—
	NOV.												
P-61 Direct Man-Hours	443	473	513	568	633	723	947	1,000	900	902	816	816	788
All Other Direct Man-Hours	275	304	333	363	405	379	428	425	419	448	426	409	378
Total Direct Man-Hours	718	777	846	929	1,038	1,102	1,375	1,425	1,319	1,350	1,242	1,225	1,166

TABLE 9. LABOR REQUIREMENTS - REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTHROP, HAWTHORNE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs per Direct Worker in Month	206	210	202	202	220	192	220	210	202	220	202	210	210
Direct Workers	3,180	3,700	3,750	3,950	4,718	5,730	6,250	6,790	6,540	6,140	6,140	5,840	5,550
Total Employees	8,628	8,900	9,430	9,830	10,118	11,230	11,780	12,350	11,900	11,160	11,160	10,600	10,100
	DEC.												
P-61 Direct Man Hours	439	403	40	701	720	930	1,000	900	902	816	816	788	705
All Other Direct Man Hours	193	213	221	285	280	372	392	400	477	450	464	477	406
Total Direct Man Hours	632	616	761	986	1,000	1,302	1,392	1,300	1,379	1,266	1,280	1,265	1,111
Aver. Hrs per Direct Worker in Month	208	202	202	220	192	210	202	220	202	210	210	210	192
Direct Workers	3,027	3,050	3,766	4,482	5,198	5,914	6,360	6,440	6,280	6,260	6,110	6,020	5,790
Total Employees	8,337	8,410	9,278	10,146	11,014	11,882	12,750	12,400	12,100	12,000	11,750	11,580	11,130
	1944 JAN.[1]												
P-61 Direct Man-Hours	434	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	166	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	600	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	199	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	3,015	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	8,382	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-61 Direct Man Hours	452	701	720	930	1,000	900	902	816	816	788	705	775	653
All Other Direct Man-Hours	166	230	236	317	337	355	425	389	420	453	389	401	316
Total Direct Man-Hours	618	931	956	1,247	1,337	1,255	1,327	1,205	1,236	1,241	1,094	1,176	969
Aver. Hrs. per Direct Worker in Month	193	220	192	220	210	202	220	202	210	210	192	220	192
Direct Workers	3,196	4,230	4,980	5,660	6,360	6,210	6,030	5,960	5,880	5,880	5,700	5,340	5,040
Total Employees	8,648	9,820	10,663	11,436	12,230	11,950	11,600	11,480	11,320	11,320	10,970	10,280	9,700
	MAR.												
P-61 Direct Man-Hours	518	802	820	810	750	849	795	884	846	787	831	703	757
All Other Direct Man-Hours	180	235	320	335	354	425	388	416	453	407	127	113	124
Total Direct Man-Hours	698	1,037	1,140	1,145	1,104	1,274	1,183	1,300	1,299	1,194	958	816	881
Aver. Hrs. per Direct Worker in Month	214	190	218	209	200	218	200	209	209	190	218	190	209
Direct Workers	3,267	5,360	5,229	5,480	5,530	5,820	5,920	6,220	6,220	6,280	—	—	—
Total Employees	8,722	10,770	10,639	10,890	10,940	11,230	11,380	11,960	11,960	12,080	—	—	—
	APR.												
P-61 Direct Man-Hours	443	779	769	711	806	755	840	803	747	789	667	719	—
All Other Direct Man-Hours	160	320	335	354	425	388	416	453	407	—	—	—	—
Total Direct Man-Hours	603	1,099	1,104	1,065	1,231	1,143	1,256	1,256	1,154	—	—	—	—
Aver. Hrs per Direct Worker in Month	182	218	209	200	218	200	209	209	190	218	190	209	—
Direct Workers	3,317	5,040	5,290	5,320	5,640	5,720	6,000	6,000	6,070	—	—	—	—
Total Employees	8,748	10,450	10,700	10,730	11,050	11,130	11,540	11,540	11,610	—	—	—	—
	MAY												
YP-61 &P-61 Direct Man-Hours	523	700	695	727	725	733	704	621	682	580	617	575	615
YB 35 &XB-35 Direct Man-Hours	10	34	52	94	153	198	232	235	271	235	253	248	270
All Other Direct Man-Hours	175	217	208	226	108	98	88	66	71	66	70	68	65
Total Direct Man-Hours	708	951	955	1,047	986	1,029	1,024	922	1,024	881	940	891	950
Aver. Hrs per Direct Worker in Month	212	204	200	218	200	204	204	190	218	190	204	200	218
Net Direct Employment	3,346	4,660	4,770	4,800	4,930	5,050	5,030	4,850	4,700	4,640	4,600	4,450	4,340
Total Net Employment	8,780	10,060	10,170	10,200	10,330	10,450	10,430	10,250	10,100	10,040	10,000	9,850	9,740
	JUNE												
YP-61 &P-61 Direct Man-Hours	521	690	707	598	606	579	525	573	475	506	471	497	449
XB-35 &YB-35 Direct Man-Hours	15	52	94	153	198	232	235	271	235	253	248	270	248
All Other Direct Man-Hours	178	208	226	108	98	88	66	71	66	70	68	65	33
Total Direct Man-Hours	714	950	1,027	859	902	899	826	915	776	829	787	832	730
Aver Hrs per Direct Worker in Month	203	200	218	200	209	209	200	218	190	209	200	218	200
Net Direct Employment	3,511	4,750	4,710	4,300	4,320	4,300	4,130	4,200	4,080	3,970	3,940	3,830	3,650
Total Net Employment	8,981	10,150	10,110	9,700	9,720	9,700	9,530	9,600	9,480	9,370	9,340	9,220	9,050
	JULY												
YP-61 &P-61 Direct Man-Hours	522	785	581	589	567	474	443	249	263	251	267	244	252
XB-35 &YB-35 Direct Man Hours	17	47	116	150	178	202	243	252	276	263	289	263	276
All Other Direct Man-Hours	173	217	113	99	98	63	69	65	69	65	69	69	69
Total Direct Man-Hours	712	1,049	810	838	843	739	755	566	608	579	645	576	597
Aver Hrs. per Direct Worker in Month	195	263	198	208	208	189	217	189	208	198	217	198	208
Net Direct Employment	3,650	3,990	4,090	4,030	4,050	3,910	3,480	2,940	2,920	2,920	2,970	2,910	2,870
Total Net Employment	9,242	9,590	9,690	9,630	6,950	9,310	8,290	7,000	6,980	6,980	7,030	6,970	6,930

NORTHROP, HAWTHORNE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
YP-61 &P-61 Direct Man Hours	699	581	589	567	474	443	249	263	251	267	244	232	191
XB 35 &YB-35 Direct Man-Hours	21	116	150	178	202	243	252	276	263	289	263	276	289
All Other Direct Man-Hours	188	113	99	98	63	69	65	69	65	69	69	69	69
Total Direct Man-Hours	908	810	838	843	739	755	566	608	579	625	576	577	549
Aver Hrs per Direct Worker in Month	253	198	208	208	189	217	189	208	198	217	198	208	217
Net Direct Employment	3,584	4,090	4,030	4,050	3,910	3,480	2,990	2,920	2,920	2,910	2,910	2,880	2,830
Total Net Employment	9,225	9,690	9,630	9,650	9,310	8,290	7,050	6,980	6,980	6,970	6,970	6,840	6,830
	SEPT.												
YP-61 &P-61 Direct Man-Hours	553	550	530	440	409	229	244	231	255	224	230	185	139
XB-35 &YB-35 Direct Man-Hours	22	150	178	202	243	252	276	263	289	263	276	289	252
All Other Direct Man-Hours	92	89	88	86	88	80	74	70	74	74	74	74	74
Total Direct Man-Hours	667	789	796	728	740	561	594	564	618	561	580	548	465
Aver. Hrs. per Direct Worker in Month	195	209	209	190	218	190	209	199	218	199	209	218	190
Net Direct Employment	3,427	3,775	3,810	3,825	3,390	2,950	2,840	2,830	2,830	2,820	2,770	2,510	2,445
Total Net Employment	8,967	9,315	9,350	9,365	8,300	7,220	6,960	6,930	6,930	6,905	6,785	6,150	5,985
	OCT.												
YP-61 &P-61 Direct Man-Hours	630	525	436	407	227	243	229	253	222	229	244	208	239
XB-35 &YB-35 Direct Man-Hours	29	67	74	100	102	128	121	133	121	128	133	116	133
All Other Direct Man-Hours	61	75	67	75	64	62	58	63	58	62	63	57	63
Total Direct Man-Hours	720	667	577	582	393	433	408	449	401	419	440	381	435
Aver. Hrs. per Direct Worker in Month	216	209	190	218	190	209	199	218	199	209	218	190	218
Net Direct Employment	3,341	3,190	3,040	2,670	2,070	2,070	2,060	2,050	2,020	2,010	2,000	2,000	2,000
Total Net Employment	8,683	8,290	7,900	6,940	5,380	5,380	5,350	5,330	5,250	5,220	5,200	5,200	5,200
	NOV.												
YP-61 &P-61 Direct Man-Hours	576	410	383	216	231	217	242	214	218	233	197	227	208
XB-35 &YB-35 Direct Man-Hours	39	74	100	102	128	121	133	121	128	133	116	133	128
All Other Direct Man-Hours	71	68	77	62	61	58	63	58	61	63	57	63	57
Total Direct Man-Hours	686	552	560	380	420	396	438	393	407	429	370	423	393
Aver. Hrs per Direct Worker in Month	205	190	218	190	209	199	218	199	209	218	190	218	209
Net Direct Employment	3,345	2,900	2,570	2,005	2,005	2,005	2,005	1,975	1,965	1,965	1,935	1,935	1,875
Total Net Employment	8,371	7,250	6,430	5,000	5,000	5,000	5,000	4,940	4,910	4,910	4,840	4,840	4,690
	DEC.												
YP-61 &P-61 Direct Man-Hours	498	419	334	326	310	342	368	396	424	392	494	455	427
XB-35 &YB-35 Direct Man-Hours	38	84	86	108	102	112	102	108	112	98	112	108	102
All Other Direct Man-Hours	61	97	102	113	109	117	76	70	63	57	63	57	38
Total Direct Man-Hours	597	600	522	547	521	571	546	574	599	547	669	620	567
Aver. Hrs. per Direct Worker in Month	193	218	190	209	199	218	199	209	218	190	218	209	199
Net Direct Employment	3,088	2,750	2,750	2,620	2,620	2,620	2,750	2,750	2,750	2,880	3,070	2,970	2,850
Total Net Employment	7,887	6,890	6,890	6,550	6,550	6,550	6,890	6,890	6,890	7,200	7,680	7,430	7,130
	1945 JAN.												
YP-61 &P-61 Direct Man-Hours	441	334	326	310	342	368	396	424	392	494	455	427	448
XB-35 &YB-35 Direct Man-Hours	52	86	108	101	112	102	108	112	98	112	108	102	112
All Other Direct Man-Hours	78	102	113	109	117	76	70	63	57	63	57	38	30
Total Direct Man-Hours	571	522	547	521	571	546	574	599	547	669	620	567	590
Aver Hrs per Direct Worker in Month	204	190	209	199	218	199	209	218	190	218	209	199	218
Net Direct Employment	2,804	2,750	2,620	2,620	2,620	2,750	2,750	2,750	2,880	3,070	2,970	2,850	2,710
Total Net Employment	7,513	6,890	6,550	6,550	6,550	6,890	6,890	6,890	7,200	7,680	7,430	7,130	6,775
	FEB.												
YP-61 &P-61 Direct Man-Hours	347	326	310	342	336	379	423	391	493	456	428	449	386
XB 35 &YB-35 Direct Man-Hours	48	108	102	112	102	108	112	98	112	108	102	112	98
All Other Direct Man-Hours	93	163	156	169	130	111	101	76	67	66	62	67	58
Total Direct Man-Hours	488	597	568	623	568	598	636	565	672	630	592	628	542
Aver Hrs. per Direct Worker in Month	187	209	199	218	199	209	218	190	218	209	199	218	190
Net Direct Employment	2,607	2,860	2,860	2,860	2,860	2,860	2,920	2,980	3,085	3,005	2,975	2,885	2,855
Total Net Employment	7,348	7,150	7,150	7,150	7,150	7,140	7,290	7,460	7,710	7,500	7,440	7,210	7,140
	MAR.												
YP-61 &P-61 Direct Man-Hours	382	310	342	336	379	423	391	487	456	405	453	386	398
XB-35 &YB-35 Direct Man-Hours	72	102	112	102	108	112	98	112	108	98	112	98	102
All Other Direct Man-Hours	79	75	107	102	112	102	77	68	66	59	68	59	62
Total Direct Man-Hours	513	487	561	540	599	637	586	667	630	562	633	543	562
Aver. Hrs. per Direct Worker in Month	208	199	218	199	209	218	190	218	209	190	218	190	199
Net Direct Employment	2,467	2,450	2,575	2,715	2,860	2,920	2,980	3,060	3,005	2,955	2,905	2,855	2,825
Total Net Employment	7,225	7,220	7,150	7,150	7,150	7,290	7,460	7,650	7,500	7,365	7,230	7,140	7,060

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

NORTHROP, HAWTHORNE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	45 APR.												
YP-61 & P-61 Direct Man-Hours	348	358	358	137	491	447	512	491	439	484	387	398	410
XB-35 & YB-35 Direct Man-Hours	77	85	86	100	116	112	135	133	124	147	131	140	149
All Other Direct Man-Hours	68	93	89	97	87	58	59	51	46	53	46	49	51
Total Direct Man-Hours	493	536	533	634	694	617	706	675	609	684	574	587	610
Aver. Hrs. per Direct Worker in Month	204	218	199	209	218	190	218	209	190	218	190	199	209
Net Direct Employment	2,423	2,460	2,676	3,031	3,181	3,248	3,248	3,230	3,208	3,136	3,023	2,947	2,918
Total Net Employment	7,117	7,200	7,381	7,706	7,826	7,863	7,823	7,720	7,613	7,456	7,303	7,177	7,055
	MAY												
YP-61 & P-61 Direct Man-Hours	390	422	454	486	433	486	454	403	456	376	374	370	362
XB-35 & YB-35 Direct Man-Hours	78	81	93	109	105	128	127	119	141	114	135	143	150
All Other Direct Man-Hours	58	74	82	71	44	43	36	32	37	32	34	36	37
Total Direct Man-Hours	526	577	629	666	582	657	617	554	634	522	543	549	549
Aver. Hrs. per Direct Worker in Month	221	199	209	218	190	218	209	190	218	190	199	209	218
Net Direct Employment	2,385	2,895	3,005	3,054	3,070	3,014	2,948	2,915	2,905	2,752	2,729	2,626	2,518
Total Net Employment	7,049	7,618	7,805	8,058	8,026	7,932	7,758	7,379	7,129	6,837	6,656	6,405	6,141
	JUNE												
YP-61 & P-61 Direct Man-Hours	383	426	497	445	508	472	401	432	357	358	359	364	310
XB-35 & YB-35 Direct Man-Hours	69	93	109	105	128	127	119	141	125	135	143	150	131
All Other Direct Man-Hours	42	94	85	56	55	36	32	37	32	34	36	37	32
Total Direct Man-Hours	494	613	691	606	691	635	552	610	514	527	538	551	473
Aver. Hrs. per Direct Worker in Month	202	209	218	190	218	209	190	218	190	199	209	218	190
Net Direct Employment	2,440	2,931	3,167	3,193	3,170	3,038	2,905	2,795	2,712	2,649	2,576	2,528	2,490
Total Net Employment	7,095	7,713	8,334	8,403	8,130	7,595	7,283	6,988	6,780	6,623	6,440	6,320	6,225

REPUBLIC, EVANSVILLE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
P-47D Direct Man-Hours	307	449	587	764	901	1,050	1,172	1,273	1,348	1,447	1,577	1,626	1,656
All Other Direct Man-Hours	1	23	44	54	81	114	126	140	161	174	189	195	199
Total Direct Man-Hours	308	472	631	818	982	1,164	1,298	1,413	1,509	1,621	1,766	1,821	1,855
Aver. Hrs. per Direct Worker in Month	234	223	256	251	254	260	270	260	260	260	260	260	260
Direct Workers	1,627	1,940	2,519	3,256	3,837	4,470	4,985	5,430	5,795	6,226	6,785	6,996	7,128
Total Employees	2,923	3,433	4,255	5,203	5,968	6,648	7,211	7,665	8,039	8,479	9,046	9,328	9,500
	FEB.												
P-47D Direct Man-Hours	421	624	679	777	891	1,035	1,156	1,298	1,377	1,500	1,547	1,577	1,577
All Other Direct Man-Hours	3	24	53	81	114	126	141	161	173	189	195	198	198
Total Direct Man-Hours	424	648	732	858	1,005	1,161	1,297	1,459	1,550	1,689	1,742	1,775	1,775
Aver. Hrs. per Direct Worker in Month	219	251	242	242	242	251	249	260	249	249	249	249	249
Direct Workers	1,938	2,583	3,025	3,546	4,153	4,627	5,208	5,612	6,226	6,785	6,996	7,130	7,130
Total Employees	3,293	4,123	4,874	5,585	6,308	6,840	7,438	7,852	8,479	9,046	9,328	9,500	9,500
	MAR.												
P-47D Direct Man-Hours	643	714	848	1,042	1,175	1,270	1,386	1,537	1,675	1,791	1,761	1,711	1,823
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	643	714	848	1,042	1,175	1,270	1,386	1,537	1,675	1,791	1,761	1,711	1,823
Aver. Hrs. per Direct Worker in Month	243	236	239	251	254	244	247	247	247	256	247	240	260
Direct Workers	2,642	3,025	3,546	4,153	4,627	5,208	5,612	6,226	6,785	6,996	7,130	7,130	7,012
Total Employees	4,174	4,874	5,585	6,308	6,840	7,438	7,852	8,479	9,046	9,328	9,500	9,500	9,352
	APR.												
P-47D Direct Man-Hours	723	877	1,022	1,223	1,307	1,420	1,570	1,703	1,829	1,787	1,742	1,887	1,742
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	723	877	1,022	1,223	1,307	1,420	1,570	1,703	1,829	1,787	1,742	1,887	1,742
Aver. Hrs. per Direct Worker in Month	226	234	234	254	244	247	247	247	256	247	240	260	240
Direct Workers	3,204	3,749	4,369	4,815	5,355	5,752	6,359	6,893	7,146	7,234	7,260	7,260	7,260
Total Employees	4,926	5,585	6,308	6,840	7,438	7,852	8,479	9,046	9,328	9,436	9,500	9,500	9,500
	MAY												
P-47D Direct Man-Hours	702	847	1,009	1,075	1,178	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	702	847	1,009	1,075	1,178	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302
Aver. Hrs. per Direct Worker in Month	204	227	234	227	227	225	227	226	225	218	236	218	236
Direct Workers	3,443	3,732	4,312	4,736	5,192	5,524	5,624	5,650	5,650	5,620	5,580	5,550	5,520
Total Employees	5,331	5,712	6,384	6,903	7,455	7,885	8,036	8,075	8,075	8,045	8,005	7,975	7,945
	JUNE												
P-47D Direct Man-Hours	749	927	1,018	1,132	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302	1,245
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	749	927	1,018	1,132	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302	1,245

REPUBLIC, EVANSVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month										
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
Aver. Hrs. per Direct Worker in Month	210	215	215	218	225	227	226	225	218	236	218	230	227
Direct Workers	3,567	4,312	4,736	5,192	5,524	5,624	5,650	5,650	5,620	5,580	5,550	5,520	5,485
Total Employees	5,653	6,479	6,999	7,553	7,963	8,049	8,075	8,075	8,045	8,005	7,975	7,945	7,785
	JULY												
P-47D Direct Man-Hours	766	927	1,032	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302	1,245	1,078
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	766	927	1,032	1,242	1,276	1,276	1,271	1,225	1,316	1,209	1,302	1,245	1,078
Aver. Hrs. per Direct Worker in Month	215	215	218	225	227	226	225	218	236	218	236	227	225
Direct Workers	3,570	4,312	4,736	5,524	5,624	5,650	5,650	5,620	5,580	5,550	5,520	5,485	4,735
Total Employees	5,740	6,575	7,097	7,936	8,049	8,075	8,075	8,045	8,005	7,975	7,945	7,785	6,695
	AUG.												
P-47D Direct Man-Hours	702	842	986	1,160	1,364	1,364	1,316	1,418	1,364	1,418	1,364	1,364	1,418
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	702	842	986	1,160	1,364	1,364	1,316	1,418	1,364	1,418	1,364	1,364	1,418
Aver. Hrs. per Direct Worker in Month	209	216	219	223	226	226	218	235	218	235	226	226	235
Direct Workers	3,351	3,900	4,500	5,200	6,035	6,035	6,035	6,035	6,257	6,035	6,035	6,035	6,035
Total Employees	5,585	6,240	6,925	7,700	8,620	8,620	8,620	8,620	8,842	8,620	8,620	8,620	8,620
	SEPT.												
P-47D Direct Man-Hours	665	890	1,115	1,317	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	900
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	665	890	1,115	1,317	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	900
Aver. Hrs. per Direct Worker in Month	208	215	219	218	225	218	236	216	236	227	225	236	225
Direct Workers	3,189	4,138	5,086	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	4,000
Total Employees	5,522	6,555	7,587	8,620	8,620	8,620	8,620	8,620	8,620	8,620	8,620	8,620	5,700
	OCT.												
P-47D Direct Man-Hours	781	840	1,016	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	1,358	1,339
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	781	840	1,016	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	1,358	1,339
Aver. Hrs. per Direct Worker in Month	238	219	218	225	218	236	216	236	227	225	236	225	222
Direct Workers	3,283	3,833	4,658	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035
Total Employees	5,948	6,733	7,793	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285
	NOV.												
P-47D Direct Man-Hours	842	1,016	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	1,358	1,339	1,339
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	842	1,016	1,358	1,314	1,423	1,304	1,423	1,369	1,358	1,423	1,358	1,339	1,339
Aver. Hrs. per Direct Worker in Month	239	218	225	218	236	216	236	227	225	236	225	222	222
Direct Workers	3,526	4,658	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035	6,035
Total Employees	6,566	7,793	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285	9,285
	DEC.												
P-47D Direct Man-Hours	847	973	1,065	1,153	1,056	1,153	1,109	1,100	1,153	1,100	1,084	1,084	1,056
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	847	973	1,065	1,153	1,056	1,153	1,109	1,100	1,153	1,100	1,084	1,084	1,056
Aver. Hrs. per Direct Worker in Month	221	225	218	236	216	236	227	225	236	225	222	222	216
Direct Workers	3,825	4,325	4,888	4,888	4,888	4,888	4,888	4,888	4,888	4,888	4,888	4,888	4,888
Total Employees	7,271	8,021	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834
	1944 JAN.[1]												
P-47D Direct Man-Hours	966	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	966	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	239	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	4,050	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	7,618	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-47D Direct Man-Hours	854	967	907	953	953	907	990	907	953	915	907	953	877
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	854	967	907	953	953	907	990	907	953	915	907	953	877
Aver. Hrs. per Direct Worker in Month	210	238	216	227	227	216	236	216	227	218	216	227	209
Direct Workers	4,064	4,100	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
Total Employees	7,737	7,740	7,635	7,510	7,400	7,400	7,400	7,400	7,400	7,400	7,400	7,400	7,400
	MAR.												
P-47D Direct Man-Hours	881	828	844	817	731	761	697	732	703	697	732	674	755
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	881	828	844	817	731	761	697	732	703	697	732	674	755

TABLE 9. LABOR REQUIREMENTS—REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

REPUBLIC, EVANSVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 MAR.												
Aver. Hrs. per Direct Worker in Month	225	[illegible]	227	227	216	[illegible]36	216	[illegible]7	218	216	227	209	234
Direct Workers	3,914	[illegible]52	[illegible]722	3,603	[illegible]384	3,226	3,226	3,226	3,226	3,226	3,226	3,226	3,226
Total Employees	7,510	[illegible]363	[illegible]981	6,689	[illegible]125	5,771	5,771	5,771	5,771	5,771	5,771	5,771	5,771
	APR.												
P-47D Direct Man-Hours	701	884	780	720	761	697	732	703	697	732	674	755	703
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	701	884	780	720	761	697	732	703	697	732	674	755	703
Aver. Hrs. per Direct Worker in Month	192	227	227	216	236	216	227	218	216	227	209	234	218
Direct Workers	3,649	3,543	3,438	3,332	3,226	3,226	3,226	3,226	3,226	3,226	3,226	3,226	3,226
Total Employees	7,206	6,902	6,524	6,073	5,771	5,771	5,771	5,771	5,771	5,771	5,771	5,771	5,771
	MAY												
P-47-D Direct Man-Hours	640	613	584	637	596	632	613	608	645	593	665	618	653
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	640	613	584	637	596	632	613	608	645	593	665	618	653
Aver. Hrs. per Direct Worker in Month	208	227	216	236	216	227	218	216	227	209	234	218	236
Net Direct Employment	3,075	2,702	2,702	2,700	2,757	2,786	2,814	2,814	2,842	2,842	2,842	2,837	2,769
Total Net Employment	6,425	5,731	5,653	5,551	5,668	5,728	5,785	5,785	5,843	5,843	5,843	5,833	5,693
	JUNE												
P-47-D Direct Man-Hours	643	584	637	596	632	613	608	645	593	665	618	653	584
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	643	584	637	596	632	613	608	645	593	665	618	653	584
Aver. Hrs. per Direct Worker in Month	235	216	236	216	227	218	216	227	209	234	218	236	216
Net Direct Employment	2,741	2,704	2,701	2,759	2,787	2,814	2,815	2,844	2,840	2,842	2,837	2,769	2,702
Total Net Employment	5,796	5,655	5,552	5,670	5,729	5,785	5,786	5,845	5,841	5,843	5,833	5,693	5,546
	JULY												
P-47-D Direct Man-Hours	573	594	561	597	578	574	606	557	622	476	214	89	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	573	594	561	597	578	574	606	557	622	476	214	89	—
Aver. Hrs. per Direct Worker in Month	223	236	216	227	218	216	227	209	234	218	236	216	227
Net Direct Employment	2,566	2,518	2,598	2,634	2,652	2,658	2,670	2,670	2,658	2,185	908	410	—
Total Net Employment	5,449	5,397	5,569	5,644	5,681	5,694	5,719	5,719	5,694	4,682	1,946	878	301
	AUG.												
P-47-D Direct Man-Hours	542	512	544	518	503	533	485	537	413	183	83	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	542	512	544	518	503	533	485	537	413	183	83	—	—
Aver. Hrs. per Direct Worker in Month	219	203	216	207	203	216	198	221	207	216	212	—	—
Net Direct Employment	2,478	2,528	2,522	2,507	2,489	2,475	2,455	2,443	2,003	851	393	—	—
Total Net Employment	5,234	5,269	5,250	5,216	5,177	5,143	5,099	5,074	4,160	1,769	816	305	150
	SEPT.												
P-47-D Direct Man-Hours	486	501	475	460	485	440	484	412	183	79	—	—	—
All Other Direct Man-Hours	—	97	139	143	148	150	184	188	164	122	78	84	73
Total Direct Man-Hours	486	598	614	603	633	590	668	600	347	201	78	84	73
Aver. Hrs. per Direct Worker in Month	202	216	207	203	216	198	221	207	216	212	207	225	194
Net Direct Employment	2,411	2,770	2,965	2,980	2,930	2,980	3,030	2,900	1,605	950	375	375	375
Total Net Employment	5,091	5,675	5,860	5,845	5,680	5,720	5,775	5,335	2,735	1,550	830	660	500
	OCT.												
P-47-D Direct Man-Hours	487	540	571	479	435	478	408	182	79	—	—	—	—
All Other Direct Man-Hours	75	34	13	178	189	267	333	605	719	775	861	745	872
Total Direct Man-Hours	562	574	584	657	624	745	741	787	798	775	861	745	872
Aver. Hrs. per Direct Worker in Month	225	207	203	216	198	221	207	216	212	207	225	194	225
Net Direct Employment	2,497	2,775	2,885	3,040	3,150	3,380	3,580	3,645	3,775	3,745	3,825	3,850	3,875
Total Net Employment	5,298	5,780	5,945	6,190	6,430	6,890	7,305	7,435	7,625	7,565	7,645	7,695	7,745
	NOV.												
P-47-D Direct Man-Hours	484	515	519	504	537	537	450	247	170	184	158	184	170
All Other Direct Man-Hours	52	50	111	101	186	174	364	551	605	677	587	688	635
Total Direct Man-Hours	536	565	630	605	723	711	814	798	775	861	745	872	805
Aver. Hrs. per Direct Worker in Month	201	203	216	198	221	207	216	212	207	225	194	225	207
Net Direct Employment	2,666	2,790	2,918	3,054	3,280	3,436	3,767	3,775	3,745	3,825	3,850	3,875	3,890
Total Net Employment	5,559	5,742	5,942	6,232	6,693	7,013	7,687	7,625	7,565	7,645	7,695	7,745	7,775
	DEC.												
P-47-D Direct Man-Hours	463	503	434	488	476	388	254	176	186	155	155	124	58
All Other Direct Man-Hours	18	26	41	74	124	217	317	331	360	309	363	331	310
Total Direct Man-Hours	501	529	475	562	600	605	571	507	546	464	518	455	368

REPUBLIC, EVANSVILLE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 DEC.												
Aver. Hrs. per Direct Worker in Month	194	216	198	221	207	216	212	207	225	94	225	207	1
Net Direct Employment	2,587	2,450	2,400	2,550	2,900	2,800	2,700	2,450	2,4[illegible]	[illegible]50	2,300	2,200	1,[illegible]00
Total Net Employment	5,384	5,150	5,100	5,350	5,900	5,900	5,500	5,050	4,925	4,800	4,650	4,500	4,100
	1945 JAN.												
P-47-D Direct Man-Hours	466	429	489	493	459	362	225	156	21	—	—	—	—
P-47-N Direct Man-Hours	—	—	—	—	129	257	412	523	571	633	597	543	560
All Other Direct Man-Hours	55	63	83	55	5	7	35	146	177	290	283	323	320
Total Direct Man-Hours	521	492	572	548	593	626	672	825	769	923	880	866	880
Aver. Hrs. per Direct Worker in Month	211	198	221	207	216	212	207	225	194	225	207	194	216
Net Direct Employment	2,468	2,485	2,596	2,648	2,745	2,958	3,250	3,665	3,975	4,100	4,250	4,475	4,074
Total Net Employment	5,248	5,232	5,409	5,460	5,603	5,975	6,350	6,840	7,240	7,480	7,710	7,950	7,687
	FEB.												
P-47-D Direct Man-Hours	399	488	491	457	359	222	155	21	—	—	—	—	—
P-47-N Direct Man-Hours	—	—	—	128	257	412	520	571	633	597	543	560	501
All Other Direct Man-Hours	70	84	57	8	10	38	150	177	290	283	323	320	305
Total Direct Man-Hours	469	572	548	593	626	672	825	769	923	880	866	880	806
Aver. Hrs. per Direct Worker in Month	189	221	207	216	212	207	225	194	225	207	194	216	198
Net Direct Employment	2,478	2,596	2,648	2,745	2,958	3,250	3,665	3,975	4,100	4,250	4,475	4,074	4,073
Total Net Employment	5,305	5,409	5,460	5,603	5,975	6,350	6,840	7,240	7,480	7,710	7,950	7,687	7,685
	MAR.												
P-47-D Direct Man-Hours	452	473	419	334	207	116	32	—	—	—	—	—	—
P-47-N Direct Man-Hours	—	—	102	262	465	606	631	626	574	530	547	497	534
All Other Direct Man-Hours	77	81	69	20	27	47	50	70	71	70	73	71	70
Total Direct Man-Hours	529	554	590	616	699	769	713	696	645	600	620	568	604
Aver. Hrs. per Direct Worker in Month	212	207	216	212	207	225	194	225	207	194	216	198	212
Net Direct Employment	2,493	2,676	2,731	2,913	3,377	3,417	3,685	3,093	3,115	3,101	2,870	2,868	2,856
Total Net Employment	5,322	5,693	5,750	5,993	6,477	6,537	6,835	6,168	6,165	6,101	5 845	5,838	5,826
	APR.												
P-47-D Direct Man-Hours	419	355	200	59	—	—	—	—	—	—	—	—	—
P-47-N Direct Man-Hours	—	30	100	213	251	226	219	203	192	231	202	220	238
All Other Direct Man-Hours	50	51	59	78	116	130	148	132	127	120	117	115	113
Total Direct Man-Hours	469	436	359	350	367	356	367	335	319	351	319	335	351
Aver. Hrs. per Direct Worker in Month	193	188	160	160	175	169	175	160	152	167	152	160	167
Net Direct Employment	2,434	2,318	2,249	2,193	2,100	2,102	2,100	2,099	2,099	2,099	2,099	2,099	2,099
Total Net Employment	5,234	5,033	4,879	4,738	4,560	4,477	4,390	4,304	4,219	4,134	4,049	3,969	3,899
	MAY												
P-47-D Direct Man-Hours	371	206	54	—	—	—	—	—	—	—	—	—	—
P-47-N Direct Man-Hours	16	100	212	234	226	219	203	193	231	202	220	238	239
All Other Direct Man-Hours	41	52	79	136	151	148	132	127	120	117	115	113	112
Total Direct Man-Hours	428	358	345	370	377	367	335	319	351	319	335	351	351
Aver. Hrs. per Direct Worker in Month	187	161	160	175	180	175	160	152	167	152	160	167	167
Net Direct Employment	2,285	2,230	2,160	2,115	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
Total Net Employment	5,010	4,845	4,695	4,600	4,470	4,375	4,280	4,185	4,090	4,020	4,000	3,955	3,955
	JUNE												
P-47-D Direct Man-Hours	213	8	—	—	—	—	—	—	—	—	—	—	—
P-47-N Direct Man-Hours	94	199	231	216	221	213	212	210	209	208	207	207	206
All Other Direct Man-Hours	54	37	65	64	54	46	44	43	42	42	41	40	40
Total Direct Man-Hours	361	244	296	280	275	259	256	253	251	250	248	247	246
Aver. Hrs. per Direct Worker in Month	174	144	179	171	170	161	163	163	164	166	165	165	164
Net Direct Employment	2,079	1,690	1,650	1,635	1,620	1,610	1,570	1,550	1,530	1,510	1,500	1,500	1,500
Total Net Employment	4,648	3,755	3,650	3,575	3,495	3,420	3,320	3,235	3,155	3,070	3,000	3,000	3,000

REPUBLIC, FARMINGDALE

	1943 JAN.												
P-47 B and C Direct Man-Hours	1,550	900	150	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	126	964	2,039	2,260	2,403	2,343	2,428	2,428	2,343	2,428	2,343	2,428	2,428
All Other Direct Man-Hours	199	190	210	180	180	180	180	180	180	180	180	180	180
Total Direct Man-Hours	1,875	2,054	2,399	2,440	2,583	2,523	2,608	2,608	2,523	2,608	2,523	2,608	2,608
Aver. Hrs. per Direct Worker in Month	217	222	246	238	246	238	246	246	238	246	238	246	246
Direct Workers	8,919	9,250	9,750	10,250	10,500	10,600	10,600	10,600	10,600	10,600	10,600	10,600	10,600
Total Employees	13,913	14,375	15,000	15,600	15,900	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

REPUBLIC, FARMINGDALE (Cont'd.)

ITEM	Report Month (Actual)	Forecast Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 FEB.												
P-47-B and C Direct Man-Hours	765	100	50	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man Hours	993	1,881	2,183	2,324	2,290	2,373	2,373	2,290	2,373	2,290	2,373	2,373	2,208
All Other Direct Man-Hours	404	270	160	120	120	120	120	120	120	120	120	120	120
Total Direct Man-Hours	1,862	2,251	2,293	2,444	2,410	2,493	2,493	2,410	2,493	2,410	2,493	2,493	2,328
Aver. Hrs. per Direct Worker in Month	214	242	234	242	234	242	242	234	242	234	242	242	226
Direct Workers	8,604	9,300	9,800	10,100	10,300	10,300	10,300	10,300	10,300	10,300	10,300	10,300	10,300
Total Employees	14,798	14,900	15,500	15,900	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
	MAR.												
P-47-B and C Direct Man-Hours	65	50	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,710	1,940	2,187	2,245	2,371	2,419	2,369	2,469	2,384	2,469	2,469	2,298	2,469
All Other Direct Man-Hours	353	210	185	165	170	170	135	120	120	120	120	120	120
Total Direct Man-Hours	2,128	2,200	2,372	2,410	2,541	2,589	2,504	2,589	2,504	2,589	2,589	2,418	2,589
Aver. Hrs. per Direct Worker in Month	233	234	242	234	242	242	234	242	234	242	242	226	242
Direct Workers	9,137	9,400	9,800	10,300	10,500	10,700	10,700	10,700	10,700	10,700	10,700	10,700	10,700
Total Employees	14,748	15,300	15,800	16,300	16,500	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700
	APR.												
P-47-B and C Direct Man-Hours	20	15	10	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,741	1,763	1,789	1,819	1,926	2,095	2,245	2,384	2,469	2,469	2,298	2,469	2,384
All Other Direct Man-Hours	184	160	150	130	120	120	120	120	120	120	120	120	120
Total Direct Man-Hours	1,945	1,938	1,949	1,949	2,046	2,215	2,365	2,504	2,589	2,589	2,418	2,589	2,504
Aver. Hrs. per Direct Worker in Month	223	213	203	193	193	207	221	234	242	242	226	242	234
Direct Workers	9,130	9,100	9,600	10,100	10,600	10,700	10,700	10,700	10,700	10,700	10,700	10,700	10,700
Total Employees	15,034	15,090	15,600	16,100	16,600	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700
	MAY												
P-47-B and C Direct Man-Hours	4	5	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,707	1,835	1,940	1,939	2,074	2,334	2,372	2,457	2,457	2,287	2,457	2,372	2,457
All Other Direct Man-Hours	136	115	120	120	120	120	120	120	120	120	120	120	120
Total Direct Man-Hours	1,847	1,955	1,960	2,059	2,194	2,354[3]	2,492	2,577	2,577	2,407	2,577	2,492	2,577
Aver. Hrs. per Direct Worker in Month	213	208	198	198	207	221	234	242	242	226	242	234	242
Direct Workers	9,012	9,400	9,900	10,400	10,600	10,650	10,650	10,650	10,650	10,650	10,650	10,650	10,650
Total Employees	15,038	15,450	15,950	16,450	16,650	16,700	16,700	16,700	16,700	16,700	16,700	16,700	16,700
	JUNE												
P-47-B and C Direct Man-Hours	1	1	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,685	1,840	1,930	2,064	2,211	2,347	2,431	2,431	2,263	2,431	2,347	2,431	2,347
All Other Direct Man-Hours	202	170	150	120	110	110	110	110	110	110	110	110	110
Total Direct Man-Hours	1,888	2,011	2,080	2,184	2,321	2,457	2,541	2,541	2,373	2,541	2,457	2,541	2,457
Aver. Hrs. per Direct Worker in Month	217	211	208	208	221	234	242	242	226	242	234	242	234
Direct Workers	8,922	9,500	10,000	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500
Total Employees	15,034	15,650	16,150	16,650	16,650	16,650	16,650	16,650	16,650	16,650	16,650	16,650	16,650
	JULY												
P-47-C Direct Man-Hours	7	4	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,729	1,841	1,961	2,144	2,089	2,175	2,175	2,022	2,175	2,099	2,175	2,099	2,175
All Other Direct Man-Hours	164	170	160	141	120	109	109	110	110	110	110	110	110
Total Direct Man-Hours	1,900	2,015	2,121	2,285	2,209	2,284	2,284	2,132	2,285	2,209	2,285	2,209	2,285
Aver. Hrs. per Direct Worker in Month	221	226	228	240	232	240	240	224	240	232	240	232	240
Direct Workers	8,594	8,918	9,303	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520
Total Employees	15,144	15,468	15,853	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070
	AUG.												
P-47-C Direct Man-Hours	7	3	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,730	1,880	2,022	1,943	2,028	2,028	1,953	2,103	2,028	2,103	2,028	2,028	2,103
All Other Direct Man-Hours	122	145	125	105	95	95	95	95	95	95	95	95	95
Total Direct Man-Hours	1,859	2,028	2,147	2,048	2,123	2,123	2,048	2,198	2,123	2,198	2,123	2,123	2,198
Aver. Hrs. per Direct Worker in Month	213	226	234	218	226	226	218	234	226	234	226	226	234
Direct Workers	8,727	8,975	9,175	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395	9,395
Total Employees	15,354	15,650	15,850	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070	16,070
	SEPT.												
P-47-C Direct Man-Hours	3	—	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,800	1,860	1,803	1,884	1,884	1,813	1,955	1,884	1,955	1,884	1,884	1,955	1,884
All Other Direct Man-Hours	89	105	95	85	85	85	85	85	85	85	85	85	85
Total Direct Man-Hours	1,892	1,965	1,898	1,969	1,969	1,898	2,040	1,969	2,040	1,969	1,969	2,040	1,969
Aver. Hrs. per Direct Worker in Month	215	222	214	222	222	214	230	222	230	222	222	230	222
Direct Workers	8,802	8,850	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870
Total Employees	15,703	16,000	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300

REPUBLIC, FARMINGDALE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
P-47-C Direct Man Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man Hours	1,884	1,803	1,884	1,884	1,813	1,955	1,884	1,955	1,884	1,884	1,955	1,884	1,955
All Other Direct Man-Hours	99	125	105	85	85	85	85	85	85	85	85	85	85
Total Direct Man-Hours	1,984	1,928	1,989	1,969	1,898	2,040	1,969	2,040	1,969	1,969	2,040	1,969	2,040
Aver. Hrs. per Direct Worker in Month	226	217	224	222	214	230	222	230	222	222	230	222	230
Direct Workers	8,778	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870
Total Employees	15,926	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300
	NOV.												
P-47-C Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,793	1,830	1,859	1,814	1,960	1,889	1,960	1,889	1,889	1,960	1,889	1,960	1,818
All Other Direct Man-Hours	162	130	95	80	80	80	80	80	80	80	80	80	80
Total Direct Man-Hours	1,956	1,960	1,954	1,894	2,040	1,969	2,040	1,969	1,969	2,040	1,969	2,040	1,898
Aver. Hrs. per Direct Worker in Month	225	224	222	214	230	222	230	222	222	230	222	230	214
Direct Workers	8,688	8,750	8,800	8,850	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870	8,870
Total Employees	16,252	16,650	16,800	16,950	17,060	17,060	17,060	17,060	17,060	17,060	17,060	17,060	17,060
	DEC.												
P-47-C Direct Man-Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
P-47-D Direct Man-Hours	1,684	1,761	1,682	1,786	1,693	1,758	1,693	1,693	1,758	1,693	1,758	1,628	1,693
All Other Direct Man-Hours	117	130	120	105	105	105	105	105	105	105	105	105	105
Total Direct Man-Hours	1,802	1,891	1,802	1,891	1,798	1,863	1,798	1,798	1,863	1,798	1,863	1,733	1,798
Aver. Hrs. per Direct Worker in Month	209	222	214	230	222	230	222	222	230	222	230	214	222
Direct Workers	8,632	8,520	8,420	8,220	8,100	8,100	8,100	8,100	8,100	8,100	8,100	8,100	8,100
Total Employees	16,486	16,466	16,200	15,810	15,580	15,580	15,580	15,580	15,580	15,580	15,580	15,580	15,580
	1944 JAN.[3]												
P-47-D Direct Man-Hours	1,668	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	132	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	1,800	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	212	—	—	—	—	—	—	—	—	—	—	—	—
Net Direct Employment	8,498	—	—	—	—	—	—	—	—	—	—	—	—
Total Net Employment	16,488	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
P-47-D Direct Man-Hours	1,659	1,628	1,457	1,402	1,345	1,300	1,257	1,217	1,174	1,165	1,165	1,165	1,165
P-72 Direct Man-Hours	—	—	—	12	20	65	200	240	340	292	235	200	150
All Other Direct Man-Hours	103	105	105	105	105	105	105	105	105	105	105	140	155
Total Direct Man-Hours	1,762	1,733	1,562	1,519	1,470	1,470	1,562	1,562	1,619	1,562	1,505	1,505	1,470
Aver. Hrs. per Direct Worker in Month	212	228	220	214	207	207	220	220	228	220	212	212	207
Net Direct Employment	8,305	7,600	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100
Total Net Employment	16,265	15,300	14,600	14,400	14,300	14,300	14,300	14,300	14,200	14,200	14,200	14,200	14,200
	MAR.												
P-47-D Direct Man-Hours	1,603	1,457	1,402	1,345	1,300	1,257	1,217	1,170	1,165	1,165	1,165	1,165	1,165
P-72 Direct Man-Hours	2	0	12	20	65	200	240	315	292	235	200	150	50
All Other Direct Man-Hours	120	110	105	105	105	105	105	105	105	105	140	155	160
Total Direct Man-Hours	1,725	1,573	1,519	1,470	1,470	1,562	1,562	1,590	1,562	1,505	1,505	1,470	1,375
Aver. Hrs. per Direct Worker in Month	223	220	214	207	207	220	220	224	220	212	212	207	224
Direct Workers	7,741	7,150	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	7,100	6,140
Total Employees	15,498	14,650	14,400	14,300	14,300	14,300	14,300	14,200	14,200	14,200	14,200	14,200	13,240
	APR.												
P-47-D Direct Man-Hours	1,124	1,187	1,044	984	984	950	950	950	950	950	950	950	950
P-72 Direct Man-Hours	10	—	—	—	10	40	80	170	300	500	500	500	350
All Other Direct Man-Hours	82	85	100	100	100	100	100	100	100	100	100	100	100
Total Direct Man-Hours	1,225	1,272	1,144	1,084	1,094	1,090	1,130	1,220	1,350	1,550	1,550	1,550	1,400
Aver. Hrs. per Direct Worker in Month	181	214	204	204	214	212	212	212	210	210	210	212	212
Direct Workers	6,758	5,943	5,607	5,314	5,112	5,142	5,330	5,755	6 428	7,381	7,381	7,311	6,604
Total Employees	14,103	12,843	12,325	11,957	11,695	11,602	11,680	12,105	12,778	13,731	13,731	13,661	12,954
	MAY												
P-47-D Direct Man-Hours	1,090	1,083	1,088	1,003	1,086	1,013	920	812	621	377	130	—	—
P-47-M Direct Man-Hours	20	33	23	21	57	90	111	290	517	790	1,040	1,141	1,185
P-72 Direct Man-Hours	65	20	25	30	70	125	175	250	450	500	500	350	100
All Other Direct Man-Hours	30	65	75	85	95	95	95	95	95	95	95	95	95
Total Direct Man-Hours	1,205	1,201	1,211	1,139	1,308	1,323	1,301	1,447	1,683	1,762	1,765	1,586	1,380
Aver. Hrs. per Direct Worker in Month	214	214	219	208	230	230	221	221	217	203	230	224	221
Net Direct Employment	5,633	5,612	5,530	5,476	5,687	5,752	5,887	6,548	7,756	8,680	7,674	7,080	6,244
Total Net Employment	12,401	12,042	11,510	11,306	11,482	11,652	11,887	12,548	13,756	14,680	13,674	13,080	12,244

TABLE 9. LABOR REQUIREMENTS REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

REPUBLIC, FARMINGDALE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
P-47-D Direct Man-Hours	1,082	1,088	1,083	1,086	1,013	920	812	621	377	130	-	-	-
P-47-M Direct Man-Hours	10	23	21	57	90	111	290	517	790	1,040	1,141	1,185	1,185
P-72 Direct Man-Hours	46	25	30	70	125	175	250	450	500	500	350	100	- -
All Other Direct Man-Hours	77	75	85	95	95	95	95	95	95	95	95	95	95
Total Direct Man-Hours	1,215	1,211	1,219	1,308	1,323	1,301	1,447	1,683	1,762	1,765	1,586	1,380	1,280
Aver. Hrs. per Direct Worker in Month	222	219	208	230	230	221	221	217	203	230	224	221	208
Net Direct Employment	5,473	5,530	5,476	5,687	5,752	5,887	6,548	7,756	8,680	7,674	7,080	6,244	6,154
Total Net Employment	11,463	11,519	11,306	11,462	11,652	11,887	12,548	13,756	14,680	13,674	13,080	12,244	12,154
	JULY												
P-47-D Direct Man-Hours	907	970	1,050	979	890	785	600	364	126	- -	- -	- -	- -
P-47-M Direct Man-Hours	19	21	57	90	111	290	517	790	1,040	1,141	1,185	1,185	1,185
P-72 Direct Man-Hours	31	30	70	125	175	250	450	500	500	350	100	- -	- -
All Other Direct Man-Hours	82	85	95	95	95	95	95	95	95	95	95	95	95
Total Direct Man-Hours	1,039	1,106	1,272	1,289	1,271	1,420	1,662	1,749	1,761	1,586	1,380	1,280	1,280
Aver. Hrs. per Direct Worker in Month	198	208	230	230	221	221	217	203	230	224	218	208	218
Net Direct Employment	5,252	5,312	5,530	5,604	5,751	6,425	7,659	8,615	7,657	7,080	6,330	6,155	5,872
Total Net Employment	10,815	10,917	11,318	11,482	11,671	12,345	13,579	14,535	13,577	13,000	12,250	12,045	11,572
	AUG.												
P-47-D Direct Man-Hours	917	880	740	467	242	105	- -	- -	- -	- -	- -	- -	- -
P-47-M Direct Man-Hours	77	220	472	711	915	1,015	963	974	972	971	970	970	970
P-72 Direct Man-Hours	18	12	12	12	47	106	260	370	403	440	402	355	265
All Other Direct Man-Hours	109	105	100	98	98	98	98	98	98	98	98	98	98
Total Direct Man-Hours	1,121	1,217	1,324	1,288	1,304	1,324	1,321	1,442	1,473	1,509	1,470	1,423	1,333
Aver. Hrs. per Direct Worker in Month	216	224	230	221	221	217	210	230	224	230	224	218	218
Net Direct Employment	5,177	5,433	5,756	5,528	5,900	6,101	6,290	6,270	6,575	6,560	6,563	6,528	6,115
Total Net Employment	10,873	11,133	11,556	11,728	11,800	12,001	12,190	12,170	12,475	12,460	12,463	12,428	11,815
	SEPT.												
P-47-D Direct Man-Hours	904	690	437	200	49	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man-Hours	167	352	505	761	961	1,003	970	918	918	918	918	918	918
P-72 Direct Man-Hours	- -	- -	- -	12	25	60	167	322	406	402	402	390	343
All Other Direct Man-Hours	86	148	179	193	228	264	282	282	284	224	192	144	132
Total Direct Man-Hours	1,157	1,190	1,121	1,166	1,263	1,327	1,419	1,522	1,608	1,544	1,516	1,452	1,393
Aver. Hrs. per Direct Worker in Month	217	220	206	209	209	206	220	220	226	216	216	220	220
Net Direct Employment	5,336	5,409	5,442	5,379	6,043	6,442	6,450	6,918	7,115	7,148	7,018	6,600	6,332
Total Net Employment	11,156	11,309	11,342	11,479	12,043	12,442	12,450	12,918	13,115	13,148	13,018	12,600	12,332
	OCT.												
P-47-D and M Direct Man-Hours	788	462	200	49	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man-Hours	371	505	761	961	1,003	970	918	918	918	918	918	918	918
P-72 Direct Man-Hours	- -	- -	12	25	60	167	322	406	402	402	390	343	- -
All Other Direct Man-Hours	95	174	176	226	262	280	280	282	222	190	142	130	130
Total Direct Man-Hours	1,254	1,141	1,159	1,261	1,325	1,417	1,520	1,606	1,542	1,510	1,450	1,391	1,048
Aver. Hrs. per Direct Worker in Month	227	206	209	209	206	220	220	226	216	216	220	220	206
Net Direct Employment	5,524	5,539	5,545	6,033	6,432	6,441	6,909	7,106	7,139	6,991	6,591	6,323	5,087
Total Net Employment	11,445	11,489	11,495	12,033	12,432	12,441	12,909	13,106	13,139	12,991	12,591	12,123	10,587
	NOV.												
P-47-D and M Direct Man-Hours	509	200	49	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man-Hours	571	950	1,064	992	953	943	943	943	943	943	943	943	943
All Other Direct Man-Hours	87	135	274	307	311	310	254	203	167	157	157	145	140
Total Direct Man-Hours	1,167	1,285	1,387	1,299	1,264	1,253	1,197	1,146	1,110	1,100	1,100	1,088	1,083
Aver. Hrs. per Direct Worker in Month	213	230	239	220	220	220	220	216	210	220	220	218	217
Net Direct Employment	5,481	5,587	5,803	5,905	5,745	5,695	5,440	5,305	5,285	5,000	5,000	4,991	4,991
Total Net Employment	11,524	11,587	11,803	11,905	11,745	11,695	11,440	11,205	11,085	10,600	10,600	10,600	10,600
	DEC.												
P-47-D and M Direct Man-Hours	296	49	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man-Hours	930	1,213	1,136	1,046	964	943	943	943	943	943	943	943	943
All Other Direct Man-Hours	76	190	290	347	351	350	264	213	177	167	167	155	150
Total Direct Man-Hours	1,302	1,452	1,426	1,393	1,315	1,293	1,207	1,156	1,120	1,110	1,110	1,098	1,093
Aver. Hrs. per Direct Worker in Month	235	240	220	220	220	220	216	220	220	220	220	220	220
Net Direct Employment	5,545	6,050	6,482	6,332	5,977	5,877	5,588	5,505	5,090	5,045	5,045	4,990	4,968
Total Net Employment	11,538	12,050	12,482	12,332	11,977	11,777	11,388	11,105	10,490	10,445	10,445	10,290	10,268
	1945 JAN.												
P-47-D Direct Man-Hours	81	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man-Hours	1,224	1,225	1,141	1,012	988	986	985	948	948	948	948	948	948
All Other Direct Man-Hours	94	190	290	347	350	320	264	213	177	167	167	155	150
Total Direct Man-Hours	1,399	1,415	1,431	1,359	1,338	1,306	1,249	1,161	1,125	1,115	1,115	1,103	1,098

REPUBLIC, FARMINGDALE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
Aver. Hrs. per Direct Worker in Month	238	220	220	220	220	220	212	216	212	220	220	220	220
Net Direct Employment	5,877	6,432	6,505	6,177	6,082	5,936	5,892	5,375	5,307	5,068	5,068	5,014	4,991
Total Net Employment	11,834	12,432	12,505	12,177	11,982	11,736	11,492	10,775	10,607	10,368	10,368	10,314	10,290
	FEB.												
P-17-D Direct Man Hours	37	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-47-N Direct Man Hours	1,147	1,315	1,165	1,140	1,084	1,080	1 036	1,014	1,010	948	948	948	948
P-84 Direct Man-Hours	- -	-	- -	- -	- -	- -	60	146	229	243	218	200	175
All Other Direct Man-Hours	56	145	190	200	225	195	195	160	140	140	140	140	140
Total Direct Man-Hours	1,240	1,460	1,355	1,340	1,309	1,275	1,291	1,320	1 379	1,331	1,306	1,288	1,263
Aver. Hrs. per Direct Worker in Month	204	222	212	220	218	214	220	216	224	218	214	212	208
Net Direct Employment	6,093	6,576	6,392	6,090	6,005	5,957	5,868	6,111	6,156	6,105	6,103	6,075	6,072
Total Net Employment	12,128	12,626	12,442	12,090	11,905	11,857	11,768	12,011	12,056	12,005	12,003	11,975	11,972
	MAR.												
P-47-N Direct Man-Hours	1,301	1,165	1,140	1,084	1,080	1,036	1,014	1,010	1,010	1,010	1,010	988	948
P-84 Direct Man-Hours	- -	- -	- -	- -	- -	60	146	229	243	218	200	175	175
All Other Direct Man-Hours	102	190	200	225	195	195	160	140	140	140	140	140	140
Total Direct Man-Hours	1,403	1,355	1,340	1,309	1,275	1,291	1,320	1,379	1,393	1,368	1,350	1,303	1,263
Aver. Hrs. per Direct Worker in Month	228	212	220	218	214	220	216	224	220	216	214	208	212
Net Direct Employment	6,162	6,392	6,090	6,005	5,958	5,868	6,111	6,156	6,333	6,333	6,308	6,264	5,957
Total Net Employment	12,230	12,442	12,090	11,905	11,858	11,768	12,011	12,056	12,233	12,233	12,208	12,164	11,857
	APR.												
P-47-N Direct Man-Hours	1,182	973	775	516	675	667	645	645	645	645	645	645	645
P-84 Direct Man-Hours	- -	- -	- -	- -	60	146	225	250	265	265	265	329	420
All Other Direct Man-Hours	120	185	227	200	220	200	145	125	110	110	110	105	105
Total Direct Man-Hours	1,302	1,158	1,002	716	955	1,013	1,015	1,020	1,020	1,020	1,020	1,079	1,170
Aver. Hrs. per Direct Worker in Month	211	210	200	143	190	200	200	200	200	200	200	208	212
Net Direct Employment	6,163	5,514	5,010	5,000	5,026	5,065	5,075	5,100	5,100	5,100	5,100	5,187	5,518
Total Net Employment	12,206	11,052	10,185	10,000	10,000	10,040	10,075	10,100	10,100	10,100	10,100	10,187	10,518
	MAY												
P-47-N Direct Man-Hours	1,059	775	516	675	667	645	645	645	645	645	645	645	645
P-84 Direct Man-Hours	- -	- -	- -	- -	- -	32	67	164	220	220	220	220	220
All Other Direct Man-Hours	172	260	210	280	300	230	195	175	160	160	160	160	180
Total Direct Man-Hours	1,231	1,035	726	955	967	907	907	984	1,025	1,025	1,025	1,025	1,045
Aver. Hrs. per Direct Worker in Month	208	192	143	190	192	180	180	182	200	200	200	200	200
Net Direct Employment	5,918	5,390	5,077	5,026	5,036	5,039	5,039	5,125	5,125	5,125	5,125	5,125	5,225
Total Net Employment	11,886	10,900	10,377	10,125	10,036	10,039	10,039	10,125	10,125	10,125	10,125	10,125	10,225
	JUNE												
P-47-N Direct Man-Hours	916	540	675	667	645	645	645	645	645	645	645	645	645
P-84 Direct Man-Hours	- -	- -	- -	- -	32	67	164	220	220	220	220	220	182
All Other Direct Man-Hours	216	205	275	295	225	190	170	155	155	155	155	175	195
Total Direct Man-Hours	1,132	745	950	962	902	902	979	1,020	1,020	1,020	1,020	1,040	1,022
Aver. Hrs. per Direct Worker in Month	208	143	190	192	180	180	192	200	200	200	200	200	196
Net Direct Employment	5,442	5,200	5,000	5,010	5,011	5,011	5,100	5,100	5,100	5,100	5,100	5,200	5,200
Total Net Employment	11,176	10,700	10,300	10,110	10,011	10,011	10,100	10,100	10,100	10,100	10,100	10,200	10,200

RYAN AERONAUTICAL CO., SAN DIEGO

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
PT-22 Direct Man-Hours	83	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
YPT-25 Direct Man-Hours	2	2	1	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
SOR-1 Direct Man-Hours	26	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
All Other Direct Man-Hours	194	313	323	327	336	339	339	342	395	400	511	558	605
Total Direct Man-Hours	305	315	324	327	336	339	339	342	395	400	511	558	605
Aver. Hrs. per Direct Worker in Month	182	182	182	182	182	182	183	184	185	187	189	191	193
Direct Workers	1,667	1,728	1,788	1,807	1,845	1,859	1,860	1,860	2,138	2,140	2,703	2,921	3,135
Total Employees	3,045	3,200	3,300	3,346	3,420	3,442	3,444	3,445	3,728	3,731	4,505	4,865	5,225
	FEB.												
YPT-25 Direct Man-Hours	2	1	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
All Other Direct Man-Hours	313	317	330	344	374	413	457	499	541	569	605	605	605
Total Direct Man-Hours	315	318	330	344	374	413	457	499	541	569	605	605	605
Aver. Hrs. per Direct Worker in Month	180	182	182	182	182	183	185	187	189	191	193	193	193
Direct Workers	1,705	1,746	1,830	1,890	2,053	2,258	2,471	2,671	2,870	2,981	3,135	3,135	3,135
Total Employees	3,069	3,150	3,300	3,420	3,678	3,936	4,194	4,452	4,710	4,968	5,225	5,225	5,225

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

RYAN AERONAUTICAL CO., SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
YPT-25 Direct Man-Hours	1	1	-	-	-	-	-	-	-	-	-	-	-
XFR-1 Direct Man-Hours	7	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	354	370	380	402	442	484	516	565	590	624	624	624	624
Total Direct Man-Hours	362	371	380	402	442	484	516	565	590	624	624	624	624
Aver. Hrs. per Direct Worker in Month	195	195	195	196	196	196	197	197	198	199	199	199	199
Direct Workers	1,850	1,905	1,950	2,053	2,258	2,471	2,671	2,870	2,981	3,135	3,135	3,135	3,135
Total Employees	3,177	3,300	3,420	3,678	3,936	4,194	4,452	4,710	4,968	5,225	5,225	5,225	5,225
	APR.												
YPT-25 Direct Man-Hours	34	-	-	-	-	-	-	-	-	-	-	-	-
XFR-1 Direct Man-Hours	6	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	350	380	402	442	484	516	565	590	624	624	624	624	624
Total Direct Man-Hours	356	380	402	442	484	516	565	590	624	624	624	624	624
Aver. Hrs. per Direct Worker in Month	194	195	196	196	196	197	197	198	199	199	199	199	199
Direct Workers	1,834	1,950	2,053	2,258	2,471	2,671	2,870	2,981	3,135	3,135	3,135	3,135	3,135
Total Employees	3,209	3,420	3,678	3,936	4,194	4,452	4,710	4,968	5,225	5,225	5,225	5,225	5,225
	MAY												
YPT-25 Direct Man-Hours	34	-	-	-	-	-	-	-	-	-	-	-	-
XFR-1 Direct Man-Hours	8	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	344	364	376	392	411	465	465	498	536	575	624	624	624
Total Direct Man-Hours	352	364	376	392	411	465	465	498	536	575	624	624	624
Aver. Hrs. per Direct Worker in Month	193	195	195	195	196	196	196	197	197	199	199	199	199
Direct Workers	1,822	1,867	1,928	2,010	2,108	2,227	2,373	2,539	2,722	2,921	3,135	3,135	3,135
Total Employees	3,264	3,340	3,431	3,555	3,701	3,877	4,095	4,341	4,614	4,909	5,225	5,225	5,225
	JUNE												
XFR-1 Direct Man-Hours	10	10	20	28	36	44	48	48	48	48	50	52	54
YPT-25 Direct Man-Hours	34	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	353	381	464	488	529	546	576	576	576	576	574	572	570
Total Direct Man-Hours	363	391	484	516	565	590	624	624	624	624	624	624	624
Aver. Hrs. per Direct Worker in Month	196	196	196	197	197	198	199	199	199	199	199	199	199
Direct Workers	1,851	1,996	2,471	2,620	2,870	2,981	3,135	3,135	3,135	3,135	3,135	3,135	3,135
Total Employees	3,384	3,595	4,194	4,401	4,710	4,888	5,225	5,225	5,225	5,225	5,225	5,225	5,225
	JULY												
XFR-1 and FR-1 Direct Man-Hours	17	20	28	36	44	48	48	48	48	50	52	54	56
YPT-25 Direct Man-Hours	34	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	370	464	488	529	546	576	576	576	576	574	572	570	568
Total Direct Man-Hours	387	484	516	565	590	624	624	624	624	624	624	624	624
Aver. Hrs. per Direct Worker in Month	195	196	197	197	198	199	199	199	199	199	199	199	199
Direct Workers	1,986	2,471	2,620	2,870	2,981	3,135	3,135	3,135	3,135	3,135	3,135	3,135	3,135
Total Employees	3,626	4,194	4,401	4,710	4,888	5,225	5,225	5,225	5,225	5,225	5,225	5,225	5,225
	AUG.												
XFR-1 and FR-1 Direct Man-Hours	19	28	36	44	48	57	61	65	69	73	81	89	97
All Other Direct Man-Hours	396	426	460	502	548	567	563	559	555	551	543	535	527
Total Direct Man-Hours	415	454	496	546	596	624	624	624	624	624	624	624	624
Aver. Hrs. per Direct Worker in Month	198	197	197	198	198	199	199	199	199	199	199	199	199
Direct Workers	2,097	2,303	2,516	2,759	3,011	3,135	3,135	3,135	3,135	3,135	3,135	3,135	3,135
Total Employees	3,839	4,084	4,346	4,646	4,946	5,225	5,225	5,225	5,225	5,225	5,225	5,225	5,225
	SEPT.												
XFR-1 and FR-1 Direct Man-Hours	28	33	44	48	57	63	73	85	115	144	182	234	283
All Other Direct Man-Hours	425	481	513	530	544	546	545	539	522	497	476	451	437
Total Direct Man-Hours	453	514	557	578	601	609	618	624	637	641	658	685	720
Aver. Hrs. per Direct Worker in Month	191	197	198	198	199	199	199	199	199	199	199	199	199
Direct Workers	2,366	2,660	2,812	2,920	3,015	3,060	3,105	3,135	3,199	3,220	3,308	3,442	3,616
Total Employees	4,190	4,510	4,687	4,867	5,025	5,100	5,175	5,225	5,300	5,375	5,475	5,625	5,833
	OCT.[3]												
FR-1 Direct Man-Hours	-	-	-	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	493	-	-	-	-	-	-	-	-	-	-	-	-
Total Direct Man-Hours	493	-	-	-	-	-	-	-	-	-	-	-	-
Aver. Hrs. per Direct Worker in Month	186	-	-	-	-	-	-	-	-	-	-	-	-
Direct Workers	2,565	-	-	-	-	-	-	-	-	-	-	-	-
Total Employees	4,491	-	-	-	-	-	-	-	-	-	-	-	-
	NOV.												
FR-1 Direct Man-Hours	-	-	-	13	35	95	129	154	196	250	283	338	405
All Other Direct Man-Hours	500	542	544	546	485	481	455	443	409	413	398	366	324
Total Direct Man-Hours	500	542	544	559	570	576	584	597	605	663	678	704	729

RYAN AERONAUTICAL CO., SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs. per Direct Worker in Month	181	182	180	181	182	182	183	184	185	190	190	186	184
Direct Workers	2,763	2,980	3,021	3,086	3,131	3,160	3,193	3,243	3,268	3,489	3,565	3,782	3,964
Total Employees	4,748	5,044	5,167	5,317	5,451	5,572	5,701	5,851	5,980	6,289	6,427	6,731	7,025
	DEC.												
FR-1 Direct Man-Hours	34	34	13	45	75	119	149	196	250	283	338	405	465
All Other Direct Man-Hours	479	560	587	566	547	538	522	499	477	447	425	399	380
Total Direct Man-Hours	479	560	600	611	622	657	671	695	727	730	763	804	845
Aver. Hrs. per Direct Worker in Month	187	187	187	188	188	190	190	190	192	192	193	191	189
Direct Workers	2,555	2,995	3,210	3,251	3,308	3,460	3,532	3,656	3,787	3,804	3,955	4,210	4,470
Total Employees	4,496	5,444	5,835	5,909	6,013	6,289	6,421	6,646	6,884	6,915	7,189	7,589	7,916
	1944 JAN.												
FR-1 Direct Man-Hours	1	13	45	75	119	149	196	250	283	338	405	135	525
All Other Direct Man-Hours	511	587	566	547	538	522	499	477	447	425	399	380	302
Total Direct Man-Hours	512	600	611	622	657	671	695	727	730	763	804	815	827
Aver. Hrs. per Direct Worker in Month	192	187	187	188	190	190	190	192	192	193	191	189	188
Direct Workers	2,660	3,210	3,251	3,308	3,460	3,532	3,656	3,787	3,804	3,955	4,210	4,312	4,398
Total Employees	4,708	5,835	5,909	6,013	6,289	6,421	6,646	6,884	6,915	7,189	7,589	7,758	7,906
	FEB.												
FR-1 Direct Man-Hours	1	30	69	119	149	196	250	283	338	405	435	525	585
All Other Direct Man-Hours	510	562	541	538	522	499	477	447	425	399	380	302	254
Total Direct Man-Hours	511	592	610	657	671	695	727	730	763	804	815	827	839
Aver. Hrs. per Direct Worker in Month	182	189	188	190	190	190	192	192	193	191	189	188	187
Direct Workers	2,803	3,147	3,242	3,460	3,532	3,656	3,787	3,804	3,955	4,210	4,312	4,398	4,486
Total Employees	4,978	5,402	5,514	5,750	5,887	6,093	6,312	6,340	6,592	7,017	7,187	7,330	7,476
	MAR.												
FR-1 Direct Man-Hours	4	69	119	149	196	250	283	338	405	435	525	585	645
All Other Direct Man-Hours	543	541	538	522	499	477	447	425	399	380	302	254	201
Total Direct Man-Hours	547	610	657	671	695	727	730	763	804	815	827	839	846
Aver. Hrs. per Direct Worker in Month	195	188	190	190	190	192	192	193	191	189	188	187	186
Direct Workers	2,791	3,242	3,460	3,532	3,656	3,787	3,804	3,955	4,210	4,312	4,398	4,486	4,551
Total Employees	5,044	5,514	5,750	5,887	6,093	6,312	6,340	6,592	7,017	7,187	7,330	7,476	7,585
	APR.												
FR-1 Direct Man-Hours	14	60	85	150	204	255	283	320	320	375	430	485	540
All Other Direct Man-Hours	479	498	470	422	386	335	307	270	270	235	215	215	215
Total Direct Man-Hours	493	558	555	572	590	590	590	590	590	610	645	700	755
Aver. Hrs. per Direct Worker in Month	182	190	187	190	192	192	192	191	189	188	187	186	188
Direct Workers	2,702	2,936	2,970	3,010	3,072	3,072	3,072	3,089	3,121	3,244	3,449	3,763	4,015
Total Employees	4,989	5,263	5,367	5,477	5,579	5,612	5,612	5,629	5,661	5,834	6,079	6,433	6,725
	MAY												
FR-1 Direct Man-Hours	22	85	150	204	255	283	320	320	375	430	485	540	581
XFR-1 Direct Man-Hours	47	48	22	10	5	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	444	422	400	376	330	307	270	270	235	215	215	215	215
Total Direct Man-Hours	513	555	572	590	590	590	590	590	610	645	700	755	796
Aver. Hrs. per Direct Worker in Month	197	187	190	192	192	192	191	189	189	187	186	188	193
Net Direct Employment	2,604	2,970	3,010	3,072	3,072	3,072	3,089	3,121	3,244	3,449	3,763	4,015	4,124
Total Net Employment	4,926	5,367	5,477	5,579	5,612	5,612	5,629	5,661	5,834	6,079	6,433	6,725	6,875
	JUNE												
FR-1 Direct Man-Hours	28	108	204	255	283	320	320	375	430	485	540	581	622
XFR-1 Direct Man-Hours	53	22	10	5	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	393	400	376	330	307	270	270	235	215	215	215	215	215
Total Direct Man-Hours	474	572[3]	590	590	590	590	590	610	645	700	755	796	837
Aver. Hrs. per Direct Worker in Month	192	190	192	192	192	191	189	188	187	186	188	193	193
Net Direct Employment	2,464	3,010	3,072	3,072	3,072	3,089	3,121	3,244	3,449	3,763	4,015	4,124	4,336
Total Net Employment	4,826	5,477	5,579	5,612	5,612	5,629	5,661	5,784	6,079	6,433	6,725	6,875	7,127
	JULY												
FR-1 Direct Man-Hours	51	124	225	283	320	320	375	430	485	540	581	622	662
XFR-1 Direct Man-Hours	60	60	35	-	-	-	-	-	-	-	-	-	-
All Other Direct Man-Hours	372	376	330	307	270	270	235	215	215	215	215	215	215
Total Direct Man-Hours	483	560	590	590	590	590	610	645	700	755	796	837	877
Aver. Hrs. per Direct Worker in Month	200	195	192	192	191	189	188	187	186	188	193	193	194
Net Direct Employment	2,416	2,871	3,072	3,072	3,089	3,121	3,244	3,449	3,763	4,015	4,124	4,336	4,520
Total Net Employment	4,702	5,310	5,612	5,612	5,629	5,661	5,834	6,079	6,433	6,725	6,875	7,127	7,495

TABLE 9. LABOR REQUIREMENTS – REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

RYAN AERONAUTICAL CO., SAN DIEGO (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 AUG.												
FR-1 Direct Man-Hours	65	115	201	277	323	379	425	453	299	183	—	—	—
NFR-1 Direct Man-Hours	46	35	10	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	349	330	307	270	236	216	206	175	170	170	170	—	—
Total Direct Man-Hours	460	480	518	547	559	595	631	628	469	353	170	—	—
Aver. Hrs. per Direct Worker in Month	185	192	192	190	189	188	187	186	188	190	192	—	—
Net Direct Employment	2,483	2,500	2,697	2,878	2,957	3,165	3,374	3,376	2,494	1,858	885	—	—
Total Net Employment	5,052	5,182	5,482	5,539	5,611	5,840	6,052	6,040	4,970	3,850	1,970	—	—
	SEPT.												
FR-1 Direct Man-Hours	106	169	177	257	338	368	399	429	460	490	521	569	610
All Other Direct Man-Hours	344	307	309	251	221	211	205	195	175	175	175	175	175
Total Direct Man-Hours	450	476	486	508	559	579	604	624	635	665	696	744	785
Aver. Hrs. per Direct Worker in Month	181	188	188	188	188	187	186	187	188	190	192	192	192
Net Direct Employment	2,484	2,521	2,585	2,702	2,973	3,080	3,247	3,337	3,377	3,500	3,625	3,875	4,089
Total Net Employment	5,316	5,363	5,500	5,749	6,325	6,553	6,764	6,952	7,035	7,210	7,397	7,598	7,715
	OCT.												
FR-1 Direct Man-Hours	149	239	300	375	475	491	502	514	537	553	569	610	638
All Other Direct Man-Hours	280	265	251	221	211	205	200	195	175	175	175	175	175
Total Direct Man-Hours	429	504	551	596	686	696	702	709	712	728	744	785	813
Aver. Hrs. per Direct Worker in Month	175	188	188	188	187	186	186	187	187	190	190	190	190
Net Direct Employment	2,445	2,687	2,929	3,170	3,668	3,742	3,774	3,791	3,807	3,831	3,915	4,131	4,278
Total Net Employment	5,483	5,971	6,779	7,170	7,468	7,475	7,507	7,524	7,540	7,564	7,590	7,715	7,715
	NOV.												
FR-1 Direct Man-Hours	206	231	294	345	395	493	547	570	577	581	610	639	632
All Other Direct Man-Hours	238	251	221	211	205	200	195	175	175	175	175	175	175
Total Direct Man-Hours	444	482	515	556	600	693	742	745	752	756	785	814	807
Aver. Hrs. per Direct Worker in Month	178	180	182	185	185	187	187	187	187	187	188	190	190
Net Direct Employment	2,489	2,677	2,829	3,005	3,243	3,705	3,967	3,984	4,021	4,042	4,175	4,284	4,247
Total Net Employment	5,896	6,374	6,579	6,988	7,370	7,476	7,617	7,634	7,671	7,692	7,714	7,726	7,652
	DEC.												
FR-1 Direct Man-Hours	231	321	353	433	431	503	529	558	620	623	664	569	521
All Other Direct Man-Hours	197	229	195	213	192	202	175	175	182	168	182	175	168
Total Direct Man-Hours	428	550	548	646	623	705	704	733	802	791	846	744	689
Aver. Hrs. per Direct Worker in Month	164	192	178	200	185	200	192	192	200	185	200	192	185
Net Direct Employment	2,608	2,870	3,080	3,230	3,370	3,520	3,670	3,820	4,000	4,280	4,230	3,870	3,720
Total Net Employment	6,371	7,190	7,710	8,080	8,420	8,800	8,900	9,000	9,130	9,360	9,210	8,750	8,450
	1945 JAN.												
FR-1 Direct Man-Hours	304	353	433	431	503	521	558	620	623	646	586	538	544
All Other Direct Man-Hours	164	146	164	152	164	158	158	164	152	164	158	152	164
Total Direct Man-Hours	468	499	597	583	667	679	716	784	775	810	744	690	708
Aver. Hrs. per Direct Worker in Month	172	174	195	181	195	188	188	195	181	195	188	181	195
Net Direct Employment	2,727	2,870	3,060	3,220	3,420	3,610	3,810	4,020	4,280	4,160	3,950	3,810	3,630
Total Net Employment	7,019	7,400	7,900	8,320	8,800	8,960	9,060	9,170	9,330	9,110	8,750	8,460	8,080
	FEB.												
FR-1 Direct Man-Hours	294	364	433	506	528	565	627	625	642	587	538	554	473
All Other Direct Man-Hours	149	161	149	161	155	155	161	149	161	155	149	161	143
Total Direct Man-Hours	443	525	582	667	683	720	788	774	803	742	687	715	616
Aver. Hrs. per Direct Worker in Month	154	173	180	194	187	187	194	180	194	187	180	194	173
Net Direct Employment	2,874	3,030	3,230	3,440	3,650	3,850	4,060	4,280	4,104	3,970	3,820	3,690	3,570
Total Net Employment	7,650	7,930	8,255	8,600	8,780	8,950	9,135	9,330	9,090	8,770	8,470	8,140	7,820
	MAR.												
FR-1 Direct Man-Hours	344	404	486	513	562	632	628	727	745	672	687	581	607
All Other Direct Man-Hours	173	156	168	162	162	168	156	168	162	156	168	150	162
Total Direct Man-Hours	517	560	654	675	724	800	784	895	907	828	855	731	769
Aver. Hrs. per Direct Worker in Month	173	173	187	180	180	187	173	187	180	173	187	166	180
Net Direct Employment	2,990	3,240	3,490	3,750	4,010	4,270	4,530	4,780	5,040	4,780	4,570	4,400	4,270
Total Net Employment	7,898	8,300	8,730	9,180	9,630	10,080	10,530	10,870	11,190	10,620	10,160	9,780	9,490
	APR.												
FR-1 Direct Man-Hours	357	409	418	451	502	509	599	615	624	668	586	602	554
All Other Direct Man-Hours	158	168	162	162	168	156	168	162	156	168	150	162	162
Total Direct Man-Hours	515	577	580	613	670	665	767	777	780	836	736	764	716
Aver. Hrs. per Direct Worker in Month	170	187	180	180	187	173	187	180	173	187	166	180	180
Net Direct Employment	3,039	3,090	3,220	3,400	3,580	3,840	4,100	4,320	4,510	4,470	4,430	4,250	3,970
Total Net Employment	8,007	8,110	8,310	8,570	8,830	9,170	9,490	9,770	10,010	9,930	9,850	9,450	8,830
	1945 MAY												
FR-1 Direct Man-Hours	334	392	408	448	460	540	602	670	810	782	839	778	742
All Other Direct Man-Hours	147	162	162	168	156	168	162	156	168	150	162	162	168
Total Direct Man-Hours	481	554	570	616	616	708	764	826	978	932	1,001	940	910
Aver. Hrs. per Direct Worker in Month	157	180	180	187	173	187	180	173	187	166	180	180	187
Net Direct Employment	3,054	3,080	3,170	3,300	3,560	3,790	4,250	4,770	5,230	5,600	5,560	5,220	4,570
Total Net Employment	7,997	8,110	8,260	8,470	8,800	9,110	9,640	10,230	10,770	11,200	11,120	10,740	10,350
	JUNE												
FR-1 Direct Man-Hours	370	417	474	512	646	645	645	784	782	839	778	742	656
All Other Direct Man-Hours	160	162	168	156	168	162	156	168	150	162	162	168	156
Total Direct Man-Hours	530	579	642	668	814	807	801	952	932	1,001	940	910	812
Aver. Hrs. per Direct Worker in Month	168	180	187	173	187	180	173	187	166	180	180	187	173
Net Direct Employment	3,151	3,210	3,410	3,860	4,350	4,480	4,630	5,030	5,600	5,560	5,220	4,870	4,700
Total Net Employment	8,046	8,300	8,580	9,100	9,670	9,870	10,090	10,630	11,200	11,120	10,740	10,350	10,120

SIKORSKY, BRIDGEPORT

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JUNE												
YR-4A Direct Man-Hours	19	42	42	55	84	77	110	99	110	121	—	—	—
All Other Direct Man-Hours	33	33	33	33	33	33	33	33	33	33	—	—	—
Total Direct Man-Hours	52	75	75	88	117	110	143	132	143	154	—	—	—
Aver. Hrs. per Direct Worker in Month	217	260	220	220	260	220	260	220	220	220	—	—	—
Direct Workers	241	290	340	400	450	500	550	600	650	700	—	—	—
Total Employees	629	710	760	830	880	940	990	1,050	1,100	1,160	—	—	—
	JULY												
YR-4A Direct Man-Hours	43	54	67	48	15	—	—	—	—	—	—	—	—
R-4 Direct Man-Hours	—	—	—	30	63	67	73	108	94	47	9	—	—
R-5 Direct Man-Hours	—	—	—	—	13	37	46	23	47	94	132	141	141
All Other Direct Man-Hours	27	42	47	53	57	60	50	40	38	38	38	38	38
Total Direct Man-Hours	70	96	114	131	148	164	169	171	179	179	179	179	179
Aver. Hrs. per Direct Worker in Month	261	238	238	238	238	238	238	238	238	238	238	238	238
Direct Workers	268	404	480	549	620	690	710	720	750	750	750	750	750
Total Employees	715	914	1,013	1,104	1,195	1,282	1,325	1,337	1,368	1,368	1,368	1,368	1,368
	AUG.												
YR-4A Direct Man-Hours	46	67	48	15	—	—	—	—	—	—	—	—	—
R-4 Direct Man-Hours	—	—	30	63	67	73	108	94	47	9	—	—	—
R-5 Direct Man-Hours	—	—	—	13	37	46	23	47	94	132	141	141	141
All Other Direct Man-Hours	24	47	53	57	60	50	40	38	38	38	38	38	38
Total Direct Man-Hours	70	114	131	148	164	169	171	179	179	179	179	179	179
Aver. Hrs. per Direct Worker in Month	231	238	238	238	238	238	238	238	238	238	238	238	238
Direct Workers	303	480	549	620	690	710	720	750	750	750	750	750	750
Total Employees	811	1,013	1,104	1,195	1,282	1,325	1,337	1,368	1,368	1,368	1,368	1,368	1,368
	SEPT.												
YR-4A Direct Man-Hours	51	48	15	—	—	—	—	—	—	—	—	—	—
R-4 Direct Man-Hours	—	30	63	67	73	108	94	47	9	—	—	—	—
R-5 Direct Man-Hours	—	—	13	37	46	23	47	94	132	141	141	141	141
All Other Direct Man-Hours	27	53	57	60	50	40	38	38	38	38	38	38	38
Total Direct Man-Hours	78	131	148	164	160	171	179	179	179	179	179	179	179
Aver. Hrs. per Direct Worker in Month	227	238	238	238	238	238	238	238	238	238	238	238	238
Direct Workers	344	549	620	690	710	720	750	750	750	750	750	750	750
Total Employees	879	1,104	1,195	1,282	1,325	1,337	1,368	1,338	1,368	1,368	1,368	1,368	1,368
	OCT.												
YR-4A Direct Man-Hours	57	15	—	—	—	—	—	—	—	—	—	—	—
R-4B Direct Man-Hours	—	63	67	73	108	94	47	9	—	—	—	—	—
R-5 Direct Man-Hours	—	13	37	46	23	47	94	132	141	141	141	141	141
All Other Direct Man-Hours	28	57	60	50	40	38	38	38	38	38	38	38	38
Total Direct Man-Hours	85	148	164	169	171	179	179	179	179	179	179	179	179
Aver. Hrs. per Direct Worker in Month	223	238	238	238	238	238	238	238	238	238	238	238	238
Direct Workers	380	620	690	710	720	750	750	750	750	750	750	750	750
Total Employees	920	1,195	1,282	1,325	1,337	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368
	NOV.												
YR-4A Direct Man-Hours	51	49	22	—	—	—	—	—	—	—	—	—	—
R-4B Direct Man-Hours	3	6	29	45	36	24	15	5	—	—	—	—	—
R-5 Direct Man-Hours	—	—	—	—	7	15	31	46	60	60	60	60	60
All Other Direct Man-Hours	28	38	38	35	38	31	31	27	24	21	19	19	19
Total Direct Man-Hours	82	93	87	80	81	70	77	78	84	81	79	79	79

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

SIKORSKY, BRIDGEPORT (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 NOV.												
Aver. Hrs. per Direct Worker in Month	209	230	230	230	250	225	250	240	238	238	238	238	238
Direct Workers	403	403	372	347	323	312	306	326	351	340	331	331	331
Total Employees	957	973	893	819	871	872	881	896	884	867	867	867	867
	DEC.												
YR-4B Direct Man-Hours	54	51	45	17	----	----	----	----	----	----	----	----	----
R-4 Direct Man Hours	4	--	--	26	39	44	46	55	28	----	----	----	----
R-5 Direct Man-Hours	-	---		-	--	2	4	5	32	60	60	60	60
All Other Direct Man Hours	28	36	35	38	31	31	28	24	21	19	19	19	19
Total Direct Man-Hours	86	87	80	81	70	77	78	84	81	79	79	79	79
Aver. Hrs. per Direct Worker in Month	227	235	230	230	225	250	240	238	238	238	238	238	238
Direct Workers	378	372	347	323	312	306	326	351	340	331	331	331	331
Total Employees	950	901	819	871	872	881	896	884	912	867	867	867	867
	1944 JAN.[2]												
YR-4A Direct Man-Hours	44	-	--	-	---	----	----	---	---	---	----	----	----
R-4 Direct Man Hours	4	- --	-	--	----	----	---	-	----	----	---	----	----
R-5 Direct Man-Hours	—	--	--	--	---	----	----	----	----	---	---	----	----
All Other Direct Man-Hours	28	--	---	----	----	----	----	---	----	---	----	----	----
Total Direct Man-Hours	76	-	- --	--	---	----	----	----	----	---	----	----	----
Aver. Hrs. per Direct Worker in Month	212	----	---	---	---	----	----	----	----	---	----	----	----
Direct Workers	359	---	----	---	----	----	----	----	----	----	----	----	----
Total Employees[2]	975	---	---	----	----	----	----	----	----	----	----	----	----
	FEB.												
YR-4 Direct Man-Hours	29	17	—	----	---	----	----	---	----	----	----	----	----
R-4 Direct Man-Hours	9	26	39	44	46	55	28	----	----	----	----	----	----
R-5 Direct Man-Hours	—	--	--	2	4	5	32	60	60	60	60	----	----
All Other Direct Man-Hours	37	38	31	31	28	24	21	19	19	19	19	----	----
Total Direct Man-Hours	75	81	70	77	78	84	81	79	79	79	79	----	----
Aver. Hrs. per Direct Worker in Month	225	250	225	250	240	238	238	238	238	238	238	----	----
Direct Workers	335	323	312	306	326	351	340	331	331	331	331	----	----
Total Employees	1,018	871	872	881	896	884	867	867	867	867	867	----	----
	MAR.												
YR-4A Direct Man-Hours	15	3	----	----	----	----	----	----	----	----	----	----	----
R-4B Direct Man-Hours	21	49	50	49	72	24	----	----	----	----	----	----	----
R-5 Direct Man-Hours	1	2	3	4	5	28	53	55	56	82	----	----	----
All Other Direct Man-Hours	30	30	31	31	32	31	32	33	33	33		----	----
Total Direct Man-Hours	67	84	84	84	109	83	85	88	89	115	-	----	----
Aver. Hrs. per Direct Worker in Month	212	230	230	230	230	230	230	230	230	230	-	----	----
Direct Workers	315	364	364	364	372	363	369	381	388	500	----	----	----
Total Employees	1,043	1,080	1,097	1,105	1,126	1,120	1,128	1,144	1,151	1,254	--	----	----
	APR.												
YR-4A Direct Man-Hours	9	--	----	----	----	----	----	----	----	-	-	--	----
R-4B Direct Man-Hours	29	54	54	54	49	32	----	----	----	--	--	----	----
R-5 Direct Man-Hours	1	2	2	3	6	24	58	59	62	—		----	----
All Other Direct Man-Hours	29	31	31	32	31	32	33	33	33	-		----	----
Total Direct Man-Hours	68	87	87	89	86	88	91	92	95	-		----	--
Aver. Hrs. per Direct Worker in Month	218	238	238	238	238	238	238	238	238	-	-	--	-
Direct Workers	310	364	364	372	363	369	381	388	400	--		--	
Total Employees	1,057	1,097	1,105	1,126	1,120	1,128	1,144	1,151	1,154	-		---	
	MAY												
R-4B Direct Man-Hours	36	41	41	44	44	45	44	22	2	2	1	1	1
R-5 Direct Man Hours	1	3	3	4	4	6	10	33	58	56	59	59	59
YR-4 Direct Man-Hours	1	1	1	1	1	----	---	--	---	- -		---	
All Other Direct Man-Hours	40	34	35	32	32	30	30	29	29	30	36	36	36
Total Direct Man-Hours	78	79	80	81	81	81	84	84	89	88	96	96	96
Aver. Hrs. per Direct Worker in Month	245	237	237	238	234	234	234	230	236	220	236	236	236
Net Direct Employment	320	335	335	340	345	348	358	364	375	398	408	408	408
Total Net Employment	1,040	1,060	1,065	1,075	1,085	1,093	1,108	1,119	1,135	1,163	1,173	1,173	1,173
	JUNE												
R-4 Direct Man-Hours	35	41	44	44	45	44	22	2	2	1	1	1	—
R-5 Direct Man-Hours		3	4	4	6	10	33	58	56	59	59	59	59
YR-4 Direct Man-Hours	1	1	5	1	--	---	---	---	---	---	---	---	--
All Other Direct Man-Hours	30	33	32	32	30	30	29	29	30	30	36	36	37
Total Direct Man-Hours	66	80	81[3]	81	81	84	84	89	88	90	96	96	96

SIKORSKY, BRIDGEPORT (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1944 JUNE												
Aver. Hrs. per Direct Worker in Month	12	237	238	234	234	234	230	--	50	236	236	- -	236
Net Direct Employment	309	335	340	345	348	358	364	375	398	408	408	408	408
Total Net Employment	1,016	1,065	1,075	1,085	1,093	1,108	1,119	1,135	1,163	1,173	1,173	1,173	1,173
	JULY												
R-4 Direct Man-Hours	36	44	44	45	44	22	2	2	1	1	1	1	1
R-5 Direct Man-Hours	2	4	4	6	10	33	58	56	59	59	59	59	59
YR-4 Direct Man-Hours	1	1	1	----	----	----	--	-		---	---	-	-
All Other Direct Man-Hours	25	32	32	30	30	29	29	30	36	36	36	36	36
Total Direct Man-Hours	64	81	81	81	84	84	89	88	96	96	96	96	96
Aver. Hrs. per Direct Worker in Month	222	238	234	234	234	230	236	220	236	236	236	236	236
Net Direct Employment	288	340	345	348	358	364	375	398	408	408	408	408	408
Total Net Employment	989	1,075	1,085	1,093	1,108	1,119	1,135	1,163	1,173	1,173	1,173	1,173	1,173
	AUG.												
R-4 Direct Man-Hours	39	44	45	44	22	2	2	1	1	1	1	1	1
R-5 Direct Man-Hours	3	4	6	10	33	58	56	59	59	59	59	59	59
YR-4 Direct Man-Hours	---	1	----	----	----	- --	- --	--	-	- --	- --	- -	- -
All Other Direct Man-Hours	27	32	30	30	29	29	30	36	36	36	36	36	36
Total Direct Man-Hours	69	81	81	84	84	89	88	96	96	96	96	96	96
Aver. Hrs. per Direct Worker in Month	239	234	234	234	230	236	220	236	236	236	236	236	236
Net Direct Employment	288	345	348	358	364	375	398	408	408	408	408	408	408
Total Net Employment	989	1,085	1,093	1,108	1,119	1,135	1,163	1,173	1,173	1,173	1,173	1,173	1,173
	SEPT.												
R-4 Direct Man-Hours	29	35	35	18	2	2	1	1	1	1	----	-	---
R-5 Direct Man-Hours	10	17	20	37	58	56	59	59	59	59	60	60	60
YR-4 Direct Man-Hours	----[3]	----[3]	----[3]	----[3]	---	----	----		- --	- --	---	-	---
All Other Direct Man-Hours	21	25	25	24	20	20	20	20	20	20	20	20	20
Total Direct Man-Hours	60	77	80	79	80	78	80	80	80	80	80	80	80
Aver. Hrs. per Direct Worker in Month	212	234	234	230	236	230	236	236	236	236	236	236	236
Net Direct Employment	284	331	340	342	340	340	340	340	340	340	340	340	340
Total Net Employment	1,027	1,076	1,090	1,097	1,100	1,100	1,105	1,105	1,105	1,105	1,105	1,105	1,105
	OCT.												
R-4 Direct Man-Hours	28	35	18	2	2	1	1	1	1	- --	-- -	---	----
R-5 Direct Man-Hours	14	20	37	58	56	59	59	59	59	60	60	60	60
YR-4 Direct Man-Hours	----[3]	-- - [3]	----[3]	----	---	----	----	----	--	----	----	-	- --
All Other Direct Man-Hours	22	25	24	20	20	20	20	20	20	20	20	20	20
Total Direct Man-Hours	64	80	79	80	78	80	80	80	80	80	80	80	80
Aver. Hrs. per Direct Worker in Month	234	234	230	236	230	236	236	236	236	236	236	236	236
Net Direct Employment	274	340	342	340	340	340	340	340	340	340	340	340	340
Total Net Employment	1,047	1,090	1,097	1,100	1,100	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105
	NOV.												
R-4 Direct Man-Hours	16	19	3	1	--	--	----	-	---	----	----	-	- --
R-5 Direct Man-Hours	18	22	36	40	50	51	56	58	58	58	58	59	59
YR-4 Direct Man-Hours	- -- [3]	[3]	-	-	-	-	----	- -		---	--		-
All Other Direct Man-Hours	22	21	22	16	15	15	15	14	14	14	13	13	13
Total Direct Man-Hours	56	62	61	57	65	66	71	72	72	72	71	72	72
Aver. Hrs. per Direct Worker in Month	211	200	208	185	208	208	208	203	208	208	208	208	208
Net Direct Employment	266	309	294	310	313	315	337	346	346	344	341	344	344
Total Net Employment	1,048	1,058	1,065	1,075	1,085	1,095	1,103	1,115	1,115	1,115	1,115	1,115	1,115
	DEC.												
R-4 Direct Man-Hours	12	3	1	- -	- —	—	--	—	-	-	- --		—
R-5 Direct Man-Hours	25	36	40	50	51	56	58	58	58	58	59	59	59
YR-4 Direct Man-Hours	- [3]		-	- --		-	- -						
All Other Direct Man-Hours	13	22	16	15	15	15	14	14	14	13	13	13	13
Total Direct Man-Hours	50	61	57	65	66	71	72	72	72	71	72	72	72
Aver. Hrs. per Direct Worker in Month	191	208	185	208	208	208	208	208	208	208	208	208	208
Net Direct Employment	264	295	310	313	317	337	346	346	344	341	344	344	344
Total Net Employment	785	771	765	772	766	766	769	769	771	774	771	771	771
	1945 JAN.												
R-4 Direct Man-Hours	10	-	--	-	-	-	-	-	-	-	--		—
R-5 Direct Man-Hours	38	39	49	50	54	57	58	58	58	59	59	59	59
YR-4 Direct Man-Hours	1	--	-- -	----	- --	----	---		-				
All Other Direct Man-Hours	9	16	15	15	15	15	14	13	13	13	13	13	13
Total Direct Man-Hours	58	55	64	65	69	72	72	71	71	72	72	72	72

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

SIKORSKY, BRIDGEPORT (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1945 JAN.												
Aver. Hrs. per Direct Worker in Month	221	177	[31]	196	202	207	207	206	207	208	208	208	208
Net Direct Employment	263	310	313	329	339	346	346	344	341	344	344	344	344
Total Net Employment	1,058	1,075	1,085	1,095	1,105	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115
	FEB.												
R-4 Direct Man Hours	4	2	1	1	1	—	—	—	—	—	—	—	—
R-5 Direct Man Hours	26	37	40	46	44	50	50	50	50	50	50	50	50
YR-4 Direct Man Hours	—	[31]	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	20	20	21	17	23	20	22	25	28	28	28	28	28
Total Direct Man Hours	50	59	62	64	68	70	72	75	78	78	78	78	78
Aver. Hrs. per Direct Worker in Month	191	216	216	216	216	216	216	216	216	216	216	216	216
Net Direct Employment	260	275	285	295	315	325	335	345	360	360	360	360	360
Total Net Employment	1,064	1,130	1,190	1,207	1,228	1,241	1,253	1,281	1,313	1,322	1,327	1,329	1,329
	MAR.												
R-4 Direct Man Hours	1	1	1	1	—	—	—	—	—	—	—	—	—
R-5 Direct Man-Hours	37	40	46	44	50	50	50	50	50	50	50	50	50
YR-4 Direct Man Hours	—	[31]	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man Hours	20	21	17	23	20	22	25	28	28	28	28	28	28
Total Direct Man Hours	58	62	64	68	70	72	75	78	78	78	78	78	78
Aver. Hrs. per Direct Worker in Month	226	216	216	216	216	216	216	216	216	216	216	216	216
Net Direct Employment	258	285	295	315	325	335	345	360	360	360	360	360	360
Total Net Employment	1,063	1,190	1,207	1,228	1,241	1,253	1,281	1,313	1,322	1,327	1,329	1,329	1,329
	APR.												
R-4 Direct Man Hours	1	—	[31]	—	[31]	1	1	1	1	1	1	1	1
R-5 Direct Man-Hours	46	52	48	48	47	46	46	47	47	47	47	47	47
YR-4 Direct Man-Hours	—	[31]	—	[31]	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	12	20	26	24	24	26	28	28	29	29	29	29	29
Total Direct Man-Hours	59	72	74	73	72	73	75	76	77	77	77	77	77
Aver. Hrs. per Direct Worker in Month	223	216	216	216	216	216	216	216	216	216	216	216	216
Net Direct Employment	265	333	340	338	333	337	346	350	355	356	356	356	356
Total Net Employment	1,067	1,207	1,228	1,241	1,253	1,281	1,313	1,322	1,327	1,329	1,329	1,329	1,329
	MAY												
R-4 Direct Man-Hours	2	—	[31]	1	1	1	1	1	1	1	1	1	1
R-5 Direct Man-Hours	57	53	60	66	72	72	72	72	72	72	72	72	72
YR-4 Direct Man-Hours	—	[31]	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	11	25	25	23	17	16	16	16	16	16	16	16	16
Total Direct Man-Hours	70	78	86	90	90	89	89	89	89	89	89	89	89
Aver. Hrs. per Direct Worker in Month	245	228	228	226	225	223	223	223	223	223	223	223	223
Net Direct Employment	285	340	378	400	400	400	400	400	400	400	400	400	400
Total Net Employment	1,079	1,228	1,241	1,253	1,281	1,313	1,322	1,327	1,329	1,329	1,329	1,329	1,329
	JUNE												
R-4 Direct Man Hours	1	1	1	1	1	1	1	1	1	1	1	1	1
R-5 Direct Man-Hours	51	60	66	72	72	72	72	72	72	72	72	72	72
All Other Direct Man-Hours	8	25	23	17	16	16	16	16	16	16	16	16	16
Total Direct Man Hours	60	86	90	90	89	89	89	89	89	89	89	89	89
Aver. Hrs. per Direct Worker in Month	203	228	226	225	223	223	223	223	223	223	223	223	223
Net Direct Employment	295	378	400	400	400	400	400	400	400	400	400	400	400
Total Net Employment	1,022	1,241	1,253	1,281	1,313	1,322	1,327	1,329	1,329	1,329	1,329	1,329	1,329

ST. LOUIS AIRCRAFT CORP., ST. LOUIS

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
PT-23-SL Direct Man Hours	55	59	64	73	81	94	99	99	107	114	114	90	79
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	55	59	64	73	81	94	99	99	107	114	114	90	79
Aver. Hrs. per Direct Worker in Month	209	191	212	198	212	198	212	212	198	212	198	212	212
Direct Workers	264	281	301	343	384	422	445	467	507	537	537	425	372
Total Employees	390	407	427	473	514	552	580	602	642	678	678	550	489
	FEB.												
PT-23-SL Direct Man Hours	62	71	73	81	94	99	99	107	114	114	90	79	48
All Other Direct Man Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man Hours	62	71	73	81	94	99	99	107	114	114	90	79	48
Aver. Hrs. per Direct Worker in Month	189	212	198	212	198	212	212	198	212	198	212	212	191
Direct Workers	328	335	343	384	422	445	467	507	537	537	425	372	228
Total Employees	461	472	483	524	562	590	612	652	682	682	550	489	323

ST. LOUIS AIRCRAFT CORP., ST. LOUIS (Cont'd.)

ITEM	Report Month Actual	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 MAR.												
PT-23-SL Direct Man-Hours	70	85	104	130	167	203	206	214	198	180	94	55	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	70	85	104	130	167	203	206	214	198	180	94	55	—
Aver. Hrs. per Direct Worker in Month	199	208	208	208	216	208	208	216	208	216	208	184	—
Direct Workers	351	411	501	625	775	975	990	990	950	835	450	300	—
Total Employees	482	542	632	763	955	1,165	1,200	1,200	1,116	981	538	353	—
	APR.												
PT-23-SL Direct Man-Hours	77	104	130	167	203	206	214	198	180	94	55	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	77	104	130	167	203	206	214	198	180	94	55	—	—
Aver. Hrs. per Direct Worker in Month	201	208	208	216	208	208	216	208	216	208	184	—	—
Direct Workers	385	501	625	775	975	990	990	950	835	450	300	—	—
Total Employees	509	632	763	955	1,165	1,200	1,200	1,116	981	538	353	—	—
	MAY												
PT-23-SL Direct Man-Hours	79	87	113	120	125	125	125	125	125	100	75	75	50
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	79	87	113	120	125	125	125	125	125	100	75	75	50
Aver. Hrs. per Direct Worker in Month	198	208	208	208	208	208	208	208	208	192	208	208	208
Direct Workers	402	420	541	577	601	601	601	601	601	519	361	361	241
Total Employees	523	541	671	712	736	736	736	736	736	649	471	471	341
	JUNE												
PT-23-SL Direct Man-Hours	82	113	120	125	125	125	125	125	125	100	75	75	50	35
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	82	113	120	125	125	125	125	125	125	100	75	75	50	35
Aver. Hrs. per Direct Worker in Month	196	208	208	208	208	208	208	208	208	192	208	208	208	208
Direct Workers	418	541	577	601	601	601	601	601	601	519	361	361	241	169
Total Employees	545	668	707	736	736	736	736	736	736	649	471	471	341	244
	JULY												
PT-23-SL Direct Man-Hours	82	98	110	115	115	115	115	115	115	115	115	115	115	115
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	82	98	110	115	115	115	115	115	115	115	115	115	115	115
Aver. Hrs. per Direct Worker in Month	197	208	208	216	208	208	208	192	208	208	208	208	208	208
Direct Workers	417	431	528	533	553	553	553	599	553	553	553	553	553	553
Total Employees	555	569	668	693	693	693	693	739	693	693	693	693	693	693
	AUG.												
PT-23-SL Direct Man-Hours	84	110	115	115	115	115	115	115	115	115	115	115	115	98
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	84	110	115	115	115	115	115	115	115	115	115	115	115	98
Aver. Hrs. per Direct Worker in Month	205	208	208	216	208	208	192	208	208	208	208	208	208	208
Direct Workers	411	528	528	553	553	553	599	553	553	553	553	553	553	471
Total Employees	558	675	675	700	700	700	746	700	700	700	700	700	700	606
	SEPT.												
PT-23-SL Direct Man-Hours	86	115	115	115	115	115	115	115	115	115	115	98	82	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	86	115	115	115	115	115	115	115	115	115	115	98	82	—
Aver. Hrs. per Direct Worker in Month	204	208	216	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	420	553	553	553	553	553	553	553	553	553	553	510	394	298
Total Employees	572	705	705	705	705	705	705	705	705	705	705	645	489	368
	OCT.												
PT-23-SL Direct Man-Hours	84	104	115	115	115	115	115	115	115	115	98	82	62	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	84	104	115	115	115	115	115	115	115	115	98	82	62	—
Aver. Hrs. per Direct Worker in Month	199	208	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	422	500	553	553	553	553	553	553	553	553	553	510	394	298
Total Employees	573	652	705	705	705	705	705	705	705	705	705	645	489	368
	NOV.												
PT-23 & PT-19A Direct Man-Hours	91	104	115	115	115	115	115	115	115	115	98	82	62	42
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	91	104	115	115	115	115	115	115	115	115	98	82	62	42
Aver. Hrs. per Direct Worker in Month	204	208	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	444	500	553	553	553	553	553	553	553	510	394	298	202	
Total Employees	603	659	712	712	712	712	712	712	712	645	489	368	252	

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

ST. LOUIS AIRCRAFT CORP., ST. LOUIS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 DEC.												
PT-23 & PT-19A Direct Man-Hours	80	88	75	75	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	80	88	75	75	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	189	208	200	216	—	—	—	—	—	—	—	—	—
Direct Workers	476	421	375	347	—	—	—	—	—	—	—	—	—
Total Employees	678	546	485	447	—	—	—	—	—	—	—	—	—
	1944 JAN.												
PT-23 & PT-19A Direct Man-Hours	82	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	82	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	231	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	357	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	457	—	—	—	—	—	—	—	—	—	—	—	—

TAYLORCRAFT, ALLIANCE

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
L-2B Direct Man-Hours	85	83	83	83	—	—	—	—	—	—	—	—	—
L-2A Direct Man-Hours	—	—	—	—	83	83	83	83	83	83	83	83	83
All Other Direct Man-Hours	7	6	6	6	6	6	6	6	6	6	6	6	6
Total Direct Man-Hours	92	89	89	89	89	89	89	89	89	89	89	89	89
Aver. Hrs. per Direct Worker in Month	196	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	467	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	676	—	—	—	—	—	—	—	—	—	—	—	—
	FEB.												
L-2B Direct Man-Hours	92	96	96	—	—	—	—	—	—	—	—	—	—
L-2A Direct Man-Hours	—	—	—	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	6	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	98	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	191	208	208	208	208	208	208	208	208	208	208	208	208
Direct Workers	514	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	771	766	766	766	766	766	766	766	766	766	766	766	766
	MAR.												
L-2B Direct Man-Hours	93	96	—	—	—	—	—	—	—	—	—	—	—
L-2A Direct Man-Hours	—	—	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	8	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	101	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	225	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	477	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	724	766	766	766	766	766	766	766	766	766	766	766	766
	APR.												
L-2B Direct Man-Hours	93	—	—	—	—	—	—	—	—	—	—	—	—
L-2A Direct Man-Hours	—	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	8	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	101	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	209	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	483	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	710	766	766	766	766	766	766	766	766	766	766	766	766
	MAY												
L-2A Direct Man-Hours	95	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	8	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	103	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	201	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	512	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	773	766	766	766	766	766	766	766	766	766	766	766	766
	JUNE												
L-2 Direct Man-Hours	113	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	9	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	122	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	221	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	552	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	810	766	766	766	766	766	766	766	766	766	766	766	766

TAYLORCRAFT, ALLIANCE (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JULY												
L-2 Direct Man-Hours	94	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	10	7	7	7	7	7	7	7	7	7	7	7	7
Total Direct Man-Hours	104	103	103	103	103	103	103	103	103	103	103	103	103
Aver. Hrs. per Direct Worker in Month	190	210	210	210	210	210	210	210	210	210	210	210	210
Direct Workers	548	494	494	494	494	494	494	494	494	494	494	494	494
Total Employees	807	766	766	766	766	766	766	766	766	766	766	766	766
	AUG.												
L-2 Direct Man-Hours	77	93	93	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	16	18	18	17	17	17	17	17	17	17	17	17	17
Total Direct Man-Hours	93	111	111	113	113	113	113	113	113	113	113	113	113
Aver. Hrs. per Direct Worker in Month	185	210	210	213	213	213	213	213	213	213	213	213	213
Direct Workers	504	528	528	528	528	528	528	528	528	528	528	528	528
Total Employees	762	800	800	800	800	800	800	800	800	800	800	800	800
	SEPT.												
L-2 Direct Man-Hours	93	93	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	17	18	17	17	17	17	17	17	17	17	17	17	17
Total Direct Man-Hours	110	111	113	113	113	113	113	113	113	113	113	113	113
Aver. Hrs. per Direct Worker in Month	226	210	213	213	213	213	213	213	213	213	213	213	213
Direct Workers	488	528	528	528	528	528	528	528	528	528	528	528	528
Total Employees	750	800	800	800	800	800	800	800	800	800	800	800	800
	OCT.												
L-2 Direct Man-Hours	89	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	18	17	17	17	17	17	17	17	17	17	17	17	17
Total Direct Man-Hours	107	113	113	113	113	113	113	113	113	113	113	113	113
Aver. Hrs. per Direct Worker in Month	213	213	213	213	213	213	213	213	213	213	213	213	213
Direct Workers	505	528	528	528	528	528	528	528	528	528	528	528	528
Total Employees	770	800	800	800	800	800	800	800	800	800	800	800	800
	NOV.												
L-2 Direct Man-Hours	92	96	96	96	96	96	96	96	96	96	96	96	96
All Other Direct Man-Hours	18	17	17	17	17	17	17	17	17	17	17	17	17
Total Direct Man-Hours	110	113	113	113	113	113	113	113	113	113	113	113	113
Aver. Hrs. per Direct Worker in Month	211	213	213	213	213	213	213	213	213	213	213	213	213
Direct Workers	521	528	528	528	528	528	528	528	528	528	528	528	528
Total Employees	785	800	800	800	800	800	800	800	800	800	800	800	800
	DEC.												
L-2 Direct Man-Hours	88	91	91	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	20	21	21	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	108	112	112	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	210	211	211	—	—	—	—	—	—	—	—	—	—
Direct Workers	515	528	528	—	—	—	—	—	—	—	—	—	—
Total Employees	782	800	800	—	—	—	—	—	—	—	—	—	—
	1944 JAN.												
L-2 Direct Man-Hours	72	60	23	—	—	—	—	—	—	—	—	—	—
LBT-1 Direct Man-Hours	—	8	37	40	42	49	—	—	—	—	—	—	—
All Other Direct Man-Hours	30	42	50	70	70	61	—	—	—	—	—	—	—
Total Direct Man-Hours	102	110	110	110	112	110	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	208	209	209	209	209	209	—	—	—	—	—	—	—
Direct Workers	492	528	528	528	528	528	—	—	—	—	—	—	—
Total Employees	769	800	800	800	800	800	—	—	—	—	—	—	—
	FEB.												
L-2 Direct Man-Hours	61	28	—	—	—	—	—	—	—	—	—	—	—
LBT-1 Direct Man-Hours	—	16	40	40	40	40	10	—	—	—	—	—	—
All Other Direct Man-Hours	32	52	62	69	69	87	136	184	222	236	251	—	—
Total Direct Man-Hours	93	96	102	109	109	127	146	184	222	236	251	—	—
Aver. Hrs. per Direct Worker in Month	204	209	209	209	209	209	209	209	209	209	209	—	—
Direct Workers	456	460	488	520	520	610	700	880	1,060	1,130	1,200	—	—
Total Employees	740	745	768	800	800	900	1,000	1,200	1,400	1,500	1,600	—	—
	MAR.[a]												
L-2 Direct Man-Hours	21	—	—	—	—	—	—	—	—	—	—	—	—
LBT-1 Direct Man-Hours	22	40	40	40	40	10	—	—	—	—	—	—	—
All Other Direct Man-Hours	39	62	72	69	87	136	184	222	236	251	—	—	—
Total Direct Man-Hours	82	102	112	109	127	146	184	222	236	251	—	—	—
Aver. Hrs. per Direct Worker in Month	202	209	209	209	209	209	209	209	209	209	—	—	—
Direct Workers	494	488	534	590	610	700	880	1,060	1,130	1,200	—	—	—
Total Employees	686	766	814	900	900	1,000	1,200	1,400	1,500	1,600	—	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

TIMM (SATICOY), VAN NUYS

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
N2T-1 Direct Man-Hours	105	126	150	150	150	150	150	150	150	150	150	150	—
All Other Direct Man-Hours	4	6	6	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	109	132	156	150	150	150	150	150	150	150	150	150	—
Aver. Hrs. per Direct Worker in Month	209	231	256	250	246	246	246	246	246	246	246	246	—
Direct Workers	520	570	610	600	610	610	610	610	610	610	610	610	—
Total Employees	965	1,056	1,132	1,140	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	—
	FEB.												
N2T-1 Direct Man-Hours	110	100	108	116	124	124	124	124	124	124	124	124	—
All Other Direct Man-Hours	8	7	5	5	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	118	107	113	121	124	124	124	124	124	124	124	124	—
Aver. Hrs. per Direct Worker in Month	220	214	209	208	208	208	208	208	208	208	208	208	—
Direct Workers	537	500	540	580	620	620	620	620	620	620	620	620	—
Total Employees	1,094	1,050	1,090	1,130	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	—
	MAR.												
N2T-1 Direct Man-Hours	107	108	116	124	124	124	124	124	124	124	—	—	—
All Other Direct Man-Hours	2	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	109	108	116	124	124	124	124	124	124	124	—	—	—
Aver. Hrs. per Direct Worker in Month	219	200	200	200	200	200	200	200	200	200	—	—	—
Direct Workers	499	540	580	620	620	620	620	620	620	620	—	—	—
Total Employees	1,139	1,180	1,220	1,260	1,260	1,260	1,260	1,260	1,260	1,260	—	—	—
	APR.												
N2T-1 Direct Man-Hours	109	116	124	124	124	124	124	124	—	—	—	—	—
All Other Direct Man-Hours	19	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	128	116	124	124	124	124	124	124	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	221	200	200	200	200	200	200	200	—	—	—	—	—
Direct Workers	579	580	620	620	620	620	620	620	—	—	—	—	—
Total Employees	1,083	1,220	1,260	1,260	1,260	1,260	1,260	1,260	—	—	—	—	—
	MAY												
N2T-1 Direct Man-Hours	88	95	95	95	95	95	95	95	—	—	—	—	—
All Other Direct Man-Hours	5	10	10	10	10	10	10	10	—	—	—	—	—
Total Direct Man-Hours	93	105	105	105	105	105	105	105	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	181	190	190	190	190	190	190	190	—	—	—	—	—
Direct Workers	516	550	550	550	550	500	550	550	—	—	—	—	—
Total Employees	1,118	1,100	1,100	1,100	1,100	1,100	1,100	1,100	—	—	—	—	—
	JUNE												
N2T-1 Direct Man-Hours	90	90	90	90	90	90	90	—	—	—	—	—	—
All Other Direct Man-Hours	18	20	20	20	20	20	20	—	—	—	—	—	—
Total Direct Man-Hours	108	110	110	110	110	110	110	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	184	200	200	200	200	200	200	—	—	—	—	—	—
Direct Workers	498	550	550	550	550	550	550	—	—	—	—	—	—
Total Employees	1,199	1,100	1,100	1,100	1,100	1,100	1,100	—	—	—	—	—	—
	JULY												
N2T-1 Direct Man-Hours	110	90	90	90	90	70	—	—	—	—	—	—	—
All Other Direct Man-Hours	12	20	20	20	20	20	—	—	—	—	—	—	—
Total Direct Man-Hours	122	110	110	110	110	90	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	263	200	200	200	200	164	—	—	—	—	—	—	—
Direct Workers	466	550	550	550	550	550	—	—	—	—	—	—	—
Total Employees	1,109	1,100	1,100	1,100	1,100	1,100	—	—	—	—	—	—	—
	AUG.												
N2T-1 Direct Man-Hours	109	90	90	90	50	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	4	20	20	20	20	—	—	—	—	—	—	—	—
Total Direct Man-Hours	113	110	110	110	70	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	183	183	183	117	—	—	—	—	—	—	—	—
Direct Workers	612	600	600	600	600	—	—	—	—	—	—	—	—
Total Employees	1,070	1,100	1,100	1,100	1,100	—	—	—	—	—	—	—	—
	SEPT.												
N2T-1 Direct Man-Hours	64	65	65	26	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	51	50	30	10	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	115	115	95	36	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	227	221	185	119	—	—	—	—	—	—	—	—	—
Direct Workers	508	521	514	300	—	—	—	—	—	—	—	—	—
Total Employees	1,048	1,021	964	650	—	—	—	—	—	—	—	—	—

TIMM (SATICOY), VAN NUYS (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 OCT.												
N2T-1 Direct Man-Hours	81	72	20	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	39	30	54	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	120	102	74	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	255	237	247	—	—	—	—	—	—	—	—	—	—
Direct Workers	470	430	300	—	—	—	—	—	—	—	—	—	—
Total Employees	997	860	650	—	—	—	—	—	—	—	—	—	—
	NOV.												
N2T Direct Man-Hours	49	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	18	60	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	67	60	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	183	182	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	363	330	—	—	—	—	—	—	—	—	—	—	—
Total Employees	807	510	—	—	—	—	—	—	—	—	—	—	—

WACO AIRCRAFT CO., TROY

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	1943 JAN.												
CG-4A Direct Man-Hours	73	158	160	152	136	116	96	71	45	—	—	—	—
C-62 Direct Man-Hours	4	17	17	39	72	102	135	170	210	270	310	360	400
XCG-13 Direct Man-Hours	13	15	13	7	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	24	24	23	23	23	20	17	17	17	17	17	17	8
Total Direct Man-Hours	114	214	213	221	231	238	248	258	272	287	327	377	408
Aver. Hrs. per Direct Worker in Month	142	200	199	204	196	196	196	196	196	196	190	190	190
Direct Workers	805	1,070	1,070	1,083	1,183	1,214	1,265	1,316	1,388	1,464	1,721	1,985	2,147
Total Employees	1,801	2,070	2,070	2,083	2,183	2,214	2,275	2,326	2,408	2,494	2,771	3,045	3,217
	FEB.												
CG-4A Direct Man-Hours	80	90	120	110	90	90	90	—	—	—	—	—	—
C-62 Direct Man-Hours	11	26	52	100	146	172	198	290	290	310	360	400	130
XCG-13 Direct Man-Hours	24	24	7	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	19	24	23	23	20	17	17	17	17	17	17	8	8
Total Direct Man-Hours	134	164	202	233	256	279	305	307	307	327	377	408	438
Aver. Hrs. per Direct Worker in Month	177	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	756	911	1,122	1,294	1,422	1,550	1,694	1,705	1,705	1,816	2,094	2,266	2,433
Total Employees	1,902	2,057	2,268	2,440	2,568	2,698	2,840	2,851	2,851	2,952	3,230	3,402	3,569
	MAR.												
CG-4A Direct Man-Hours	97	120	110	90	90	80	—	—	—	—	—	—	—
C-62 Direct Man-Hours	25	35	70	100	126	152	270	290	310	360	400	430	430
XCG-13 Direct Man-Hours	20	20	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	31	30	30	25	22	22	22	22	18	18	8	8	8
Total Direct Man-Hours	173	205	210	215	238	254	292	312	328	378	408	438	438
Aver. Hrs. per Direct Worker in Month	211	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	821	1,139	1,167	1,194	1,322	1,411	1,622	1,733	1,822	2,100	2,267	2,433	2,433
Total Employees	2,035	2,421	2,449	2,476	2,604	2,693	2,922	3,033	3,122	3,400	3,567	3,733	3,733
	APR.												
CG-4A Direct Man-Hours	101	120	120	100	80	—	—	—	—	—	—	—	—
C-62 Direct Man-Hours	18	35	70	110	159	270	290	310	360	400	430	430	430
XCG-13 Direct Man-Hours	11	20	10	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	20	30	30	25	22	22	22	18	18	8	8	8	8
Total Direct Man-Hours	150	205	230	235	261	292	312	328	378	408	438	438	438
Aver. Hrs. per Direct Worker in Month	161	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	931	1,139	1,278	1,306	1,450	1,022	1,733	1,822	2,100	2,267	2,433	2,433	2,433
Total Employees	1,948	2,178	2,317	2,356	2,510	2,702	2,823	2,922	3,210	3,387	3,583	3,583	3,583
	MAY												
CG-4A Direct Man-Hours	112	120	100	100	—	—	—	—	—	—	—	—	—
C-62 Direct Man-Hours	5	20	45	60	100	160	160	170	235	235	235	235	235
XCG-13 Direct Man-Hours	9	10	9	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	19	30	30	25	22	22	22	22	18	18	18	18	18
Total Direct Man-Hours	145	180	184	185	182	182	182	192	253	253	253	253	253
Aver. Hrs. per Direct Worker in Month	166	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	895	1,000	1,022	1,028	1,011	1,011	1,011	1,067	1,405	1,405	1,405	1,405	1,405
Total Employees	1,989	2,199	2,221	2,228	2,228	2,228	2,228	2,287	2,655	2,655	2,655	2,655	2,655
	JUNE												
CG-4A Direct Man-Hours	147	140	140	140	140	140	140	140	140	140	140	140	—
C-62 Direct Man-Hours	8	15	30	56	78	104	143	182	182	197	223	249	—
XCG-13 Direct Man-Hours	9	1	—	—	—	—	—	—	—	—	—	—	—

TABLE 9. LABOR REQUIREMENTS — REPORT MONTH AND FORECAST FOR TWELVE SUBSEQUENT MONTHS: DIRECT MAN-HOURS, AVERAGE DIRECT HOURS PER DIRECT WORKER PER MONTH, AVERAGE DIRECT AND TOTAL EMPLOYMENT, IN PRIME CONTRACTING AIRFRAME PLANTS (Cont'd.)

JANUARY 1943 TO JUNE 1945

(Direct Man-Hours in Thousands; Average Direct Hours per Worker per Month, Average Direct and Total Employment in Units)

WACO AIRCRAFT CO., TROY (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	MAY												
All Other Direct Man Hours	13	20	22	22	22	22	22	22	7	7	7	—	
Total Direct Man Hours	177	176	192	218	240	266	305	344	344	344	370	396	—
Aver. Hrs. per Direct Worker in Month	214	180	180	180	180	180	180	180	180	180	180	180	180
Direct Workers	827	977	1,067	1,211	1,333	1,478	1,694	1,911	1,911	1,911	2,056	2,200	—
Total Employees	2,028	2,187	2,287	2,431	2,563	2,718	2,954	3,171	3,171	3,171	3,336	3,500	—
	JULY												
CG-4A Direct Man-Hours	121	125	130	130	135	140	140	140	140	140	140	140	140
C-62 Direct Man Hours	27	45	56	65	73	80	80	80	95	95	95	95	95
XCG-13 Direct Man Hours	1	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	16	23	23	23	23	23	23	23	8	8	8	8	8
Total Direct Man-Hours	168	193	209	218	231	243	243	243	243	243	243	243	243
Aver. Hrs. per Direct Worker in Month	189	181	181	189	181	181	181	173	189	181	189	181	189
Direct Workers	887	1,066	1,155	1,153	1,276	1,342	1,342	1,405	1,286	1,342	1,286	1,342	1,286
Total Employees	2,109	2,306	2,395	2,393	2,466	2,592	2,592	2,655	2,536	2,592	2,536	2,592	2,536
	AUG.												
CG-4A Direct Man-Hours	130	140	140	145	150	150	150	150	150	150	150	150	150
C-62 Direct Man Hours	23	46	55	63	70	70	70	80	80	80	80	80	80
All Others	20	23	23	23	23	23	23	16	16	16	16	16	16
Total Direct Man-Hours	173	209	218	231	243	243	243	246	246	246	246	246	246
Aver. Hrs. per Direct Worker in Month	183	181	189	181	181	181	173	189	181	189	181	181	189
Direct Workers	945	1,155	1,153	1,276	1,342	1,342	1,405	1,302	1,359	1,302	1,359	1,359	1,302
Total Employees	2,153	2,355	2,363	2,486	2,562	2,562	2,625	2,522	2,579	2,532	2,589	2,589	2,532
	SEPT.												
CG-4A Direct Man-Hours	125	110	110	110	110	110	110	110	110	110	110	110	110
C-62 Direct Man-Hours	17	30	50	60	70	70	70	80	80	80	80	80	80
All Other Direct Man-Hours	18	23	23	23	23	23	23	23	23	23	23	23	23
Total Direct Man-Hours	160	163	183	193	203	203	203	213	213	213	213	213	213
Aver. Hrs. per Direct Worker in Month	170	173	173	173	173	165	181	173	181	173	173	181	173
Direct Workers	944	942	1,058	1,116	1,174	1,230	1,122	1,231	1,177	1,231	1,231	1,177	1,231
Total Employees	2,085	2,042	2,158	2,216	2,274	2,330	2,222	2,331	2,277	2,331	2,331	2,277	2,331

WACO AIRCRAFT CO., TROY (Cont'd.)

ITEM	Report Month (Actual)	Forecast for Twelve Months Following Report Month											
		+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12
	OCT.												
CG-4A Direct Man Hours	120	110	110	110	110	110	110	110	110	110	110	—	—
C-62 Direct Man Hours	15	30	50	60	70	70	70	70	70	70	70	—	—
All Other Direct Man-Hours	17	20	20	20	20	20	20	20	20	20	20	—	—
Total Direct Man Hours	152	160	180	190	200	200	200	200	200	200	200	—	—
Aver. Hrs. per Direct Worker in Month	169	173	210	210	202	218	210	218	210	210	218	—	—
Direct Workers	902	925	857	905	990	918	953	918	953	953	918	—	—
Total Employees	1,941	1,895	1,827	1,875	1,960	1,888	1,923	1,888	1,923	1,923	1,888	—	—
	NOV.												
CG-4A Direct Man-Hours	100	110	110	110	110	110	110	110	110	110	—	—	—
C-62 Direct Man-Hours	14	50	60	70	70	70	70	70	70	70	—	—	—
All Other Direct Man-Hours	20	18	18	18	18	18	18	18	18	18	—	—	—
Total Direct Man-Hours	134	178	188	198	198	198	198	198	198	198	—	—	—
Aver. Hrs. per Direct Worker in Month	156	210	210	202	218	210	218	210	210	218	—	—	—
Direct Workers	857	848	895	980	909	943	909	943	943	909	—	—	—
Total Employees	1,816	1,798	1,845	1,930	1,859	1,893	1,859	1,893	1,893	1,859	—	—	—
	DEC.												
CG-4A Direct Man-Hours	112	132	132	132	132	132	132	132	75	—	—	—	—
C-62 Direct Man-Hours	16	20	20	20	20	20	20	—	—	—	—	—	—
All Other Direct Man-Hours	22	22	22	22	22	22	22	22	22	—	—	—	—
Total Direct Man-Hours	150	174	174	174	174	174	174	154	97	—	—	—	—
Aver. Hrs. per Direct Worker in Month	185	210	202	210	202	210	202	205	210	—	—	—	—
Direct Workers	813	829	861	829	861	829	861	753	462	—	—	—	—
Total Employees	1,735	1,719	1,746	1,714	1,746	1,714	1,746	1,618	962	—	—	—	—
	1944 JAN.[a]												
CG-4A Direct Man-Hours	125	—	—	—	—	—	—	—	—	—	—	—	—
C-62 Direct Man-Hours	8	—	—	—	—	—	—	—	—	—	—	—	—
All Other Direct Man-Hours	19	—	—	—	—	—	—	—	—	—	—	—	—
Total Direct Man-Hours	152	—	—	—	—	—	—	—	—	—	—	—	—
Aver. Hrs. per Direct Worker in Month	194	—	—	—	—	—	—	—	—	—	—	—	—
Direct Workers	783	—	—	—	—	—	—	—	—	—	—	—	—
Total Employees	1,630	—	—	—	—	—	—	—	—	—	—	—	—

FOOTNOTES

1. Average hours per direct worker per month are low due to accounting procedure. Monthly payrolls close as of last Sunday in month and payrolls are not accrued; also, no operation on Labor Day.

2. Forecast not reported.

3. As reported by facility, but totals cannot be reconciled with component figures.

4. Direct man-hours not reported.

5. Includes average of 1,388 trainees.

6. Includes average of 976 trainees.

7. Difference between total and sum of component parts represents adjustment for balancing production schedule.

8. Change of work week to 48 hours (190 per month, net), without change in level of employment, contemplated contingent upon meeting production schedule.

9. Longer work month in some departments required to maintain production schedules.

10. Direct man-hours and employment not reported.

11. Average hours per worker reduced due to flu epidemic, holidays, and inclusion of Victory Shift as full employees.

12. Total direct man-hours reduced to scheduled 8-hour day. Inventory shut-down.

13. Includes estimated 393,000 hours expended on parts and assemblies for units which will not be completed due to contract terminations.

14. Gross figures reported.

15. Forecast for 1943 was reported by facility subject to change. 1944 forecast was not reported, awaiting availability of certain information on B-29 production program.

16. Decrease from previous reports in average hours per direct worker is due to elimination of miscellaneous overhead hours worked by direct workers which heretofore had been included in the report month figures.

17. PT-13 and N2S-5 combined as one model, beginning with December, 1943.

18. Estimate for Newark is not projected beyond July, 1943, when contract expired.

19. Personnel requirements for February show less than "actual" for January due to the fact that delivery schedule has been moved back, reducing man-hour requirements per month.

20. No A.M.P.R. submitted for this month.

21. Beginning with March, 1943, includes data for Hutchinson Plant.

22. Total direct man-hours spent on partial fabrication of first release of 9 planes.

23. Classified as a sub-contractor after this month.

24. Includes 372 industrial trainees.

25. Adjusted to cover work in process, now behind schedule.

26. Man-hours required to manufacture parts common to B-24D and C-87 airplanes are charged to B-24D contract.

27. Not including trainees being trained away from the plant as follows: April, 1309; May, 1209; June, 1380; July, 1206; August, 987; September, 1050; October, 1002; November, 1047.

28. Includes C-87, AT-22 and C-87A.

29. Includes cafeteria workers as follows: February, 79; March, 92; April, 93.

30. As reported by facility, however, reports bear footnotes indicating that the actual average number of employees assigned to direct work during report month were as follows: November, 2522; December, 2721; January, 2858; February, 2850; March, 2819; April, 2850; May, 2650.

31. Difference between total direct man-hours and sum of direct man-hours expended by phase of work represents direct man-hours expended by Tucson Modification Center which were to be included beginning this month.

32. Beginning this month, direct man-hours expended in Modification Center are included.

33. Low average hours per worker during December due to shut-down for inventory that month.

34. Less than 500 direct man-hours.

35. Contract terminated.

36. Direct man-hours for two prototypes and one static article.

37. Direct man-hours for 15-plane pilot line.

38. Forecast based on W-12, Joint Aircraft Committee Working Schedule, approved October 12, 1944.

39. Negotiations in process.

40. Includes 74,000 direct man-hours expended on over-runs from Boeing, Wichita.

41. Includes 3,000 direct man-hours expended on over-runs from Boeing, Wichita.

42. 87,000 direct man-hours expended by Modification Personnel on Ground Test Work and Assembly Plant Detail are included in B-29 direct man-hours, but excluded in deriving average direct man-hours per direct worker per month.

43. 72,000 direct man-hours expended by Modification Personnel on Ground Test Work and Assembly Plant Detail are included in B-29 direct man-hours, but excluded in deriving average direct man-hours per direct worker per month.

44. Not considered prime contractor prior to January, 1944.

45. Direct man-hours forecast and average direct hours per worker per month do not account for 700 employees; however, a new contract was anticipated which would warrant continuation of employment at same level as earlier months.

46. Production devoted entirely to Gliders after this month.