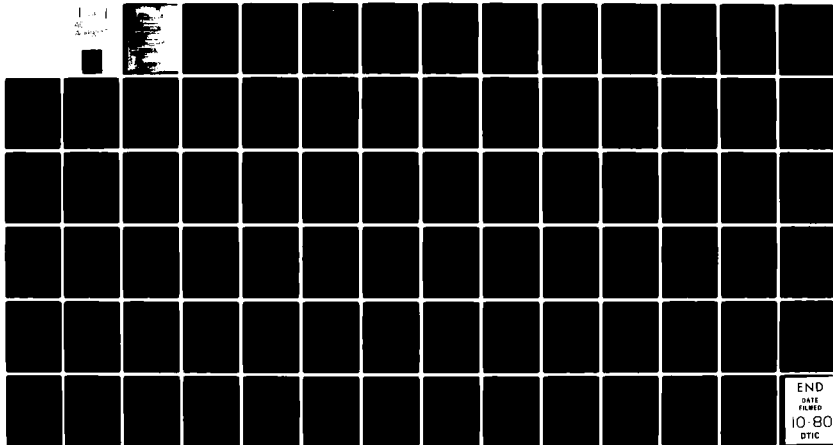


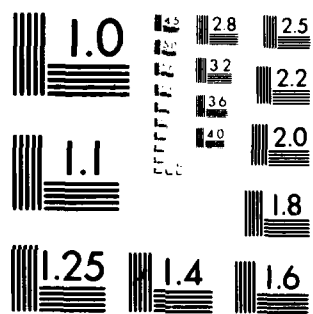
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GENERAL ELECTRIC CO LYNN MA AIRCRAFT ENGINE GROUP F/S 21/5
MARITIME PATROL AIRCRAFT ENGINE STUDY, GENERAL ELECTRIC DERIVAT--ETC(U)
APR 79 R HIRSCHKRON, R H DAVIS, R E WARREN N62269-78-C-0414
UNCLASSIFIED R79AE052-VOL-3 NADC-79133-60-VOL-3 NL

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This study developed data on General Electric common core derivative engines for use in Maritime Patrol Aircraft (MPA) concept formulation studies. The study included the screening of potential General Electric turbofan and turboprop/turboshaft engines and the preparation of technical		

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and planning information on three of the most promising engine candidates. Screening of General Electric derivative candidates was performed utilizing an analytical MPA model using synthesized mission profiles to rank the candidates in terms of fuel consumption, weight, cost and complexity. The three turboprop engines selected for further study were as follows: TF34 growth derivative version with boost and new LPT (TF34/T7 Study A1), F404 derivative with booster stages and new LPT (F404/T1 Study A1), and GE27 scaled and boosted study engine (GE27/T3 Study A1). Volume I summarizes the screening analysis and contains technical, planning, installation, cost and development data for the three selected turboprop engines. Volumes II, III and IV of this report contain the detailed performance data estimates for the GE27/T3 Study A1, TF34/T7 Study A1 and F404/T1 Study A1 turboprop engines, respectively.

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R79AEG052

MPA PROPULSION STUDY

FINAL REPORT

APPENDIX B - TF34/T7 STUDY A1 PERFORMANCE DATA

(IN FOUR VOLUMES)

by

R. Hirschcron
R. H. Davis
R. E. Warren

April 26, 1979

Prepared for U. S. Navy under Contract N62269-78-C-0414

APPENDIX B

The performance data contained in this appendix is for the TF34/T7 Study A1 engine. Tables are included which define the flight conditions and operating points, nomenclature and station designations.

All data is uninstalled and is based on a fuel heating value of 18400 Btu/lbm.

APPENDIX B

TF34 /T7 STUDY A1

RAM RECOVERY =1, CUSTOMER BLEED =0, POWER EXTRACTION =0

<u>Case No.</u>	<u>Alt.</u>	<u>Mo</u>	<u>Day</u>	<u>Power Settings</u>
1-6	0	0	STD	Max, IRP, MC, Part Power
7-12	0	.1	↓	
13-18	0	.2		
19-24	0	.3		
25-30	0	0	HOT	
31-36	0	.1	↓	
37-42	0	.2		
43-48	0	.3		
49-53	0	.4	STD	IRP, MC, Part Power
54-58	0	.5	↓	
59-63	0	.6		
64-68	0	.7		
69-73	0	.75		
74-78	0	.8		
80-84	5K	.2		
85-89	5K	.3		
90-94	5K	.4		
95-99	5K	.5		
100-104	5K	.6		
105-109	10K	.2		
110-114	10K	.3		
115-119	10K	.4		
120-124	10K	.5		
125-129	10K	.6		
130-134	10K	.7		
135-139	10K	.75		
140-144	10K	.8		
145-149	15K	.3		
150-154	15K	.4		
155-159	15K	.5		
160-164	15K	.6		
165-169	15K	.7		
170-174	15K	.75		
175-179	15K	.8		
180-184	20K	.4	STD	
185-189	20K	.5	↓	
190-194	20K	.6		
195-199	20K	.7		

APPENDIX B

<u>Case No.</u>	<u>Alt.</u>	<u>Mo</u>	<u>Day</u>	<u>Power Settings</u>
200-204	20K	.75	STD	IRP MC, Part Power
205-209	20K	.8		
210-214	25K	.4		
215-219	25K	.5		
220-224	25K	.6		
225-229	25K	.7		
230-234	25K	.75		
235-239	25K	.8		
240-244	30K	.4		
245-249	30K	.5		
250-254	30K	.6		
255-259	30K	.7		
260-264	30K	.75		
265-269	30K	.8		
270-274	35K	.5		
275-279	35K	.6		
280-284	35K	.7		
285-289	35K	.75		
290-294	35K	.8		
295-299	40K	.5		
300-304	40K	.6		
305-309	40K	.7		
310-314	40K	.75		
315-319	40K	.8		
320-324	45K	.5		
325-329	45K	.6		
330-334	45K	.7		
335-339	45K	.75		
340-344	45K	.8		
345	0	0	TROP	MAX

APPENDIX BNOMENCLATURE

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
CASE	Numerical data point identification	-
ALT	Geopotential pressure altitude	ft
XM	Flight Mach number	-
ERAM1	Inlet ram recovery	-
WB3Q	Customer air bleed (fraction of W1)	-
PAMB	Ambient pressure	psia
TAMB	Ambient temperatures	°R
DTAMB	Deviation from standard ambient temperature (ambient minus standard temperature)	°F
P2	First compressor inlet total pressure	psia
T2	First compressor inlet total temperature	°R
PWSD	Output shaft horsepower, delivered	hp
SFC	Specific fuel consumption (WFT/PWSD)	lbm/hr/hp
EPWSD	Equivalent output shaft horsepower, delivered	hp
ESFC	Equivalent specific fuel consumption (WFT/EPWSD)	lbm/hr/hp
WFT	Fuel flow rate	lbm/hr
FN	Net thrust (in axial direction)	lbf
W1	Engine inlet airflow rate	lbm/sec
W1R	Referred engine inlet airflow rate	lbm/sec
W2R	Referred booster inlet airflow rate	lbm/sec
P21Q2	Booster pressure ratio	-
ECL	Booster adiabatic efficiency	-
W25R	Referred compressor inlet airflow rate	lbm/sec
P3Q25	Compressor pressure ratio	-
ECH	Compressor adiabatic efficiency	-

APPENDIX B

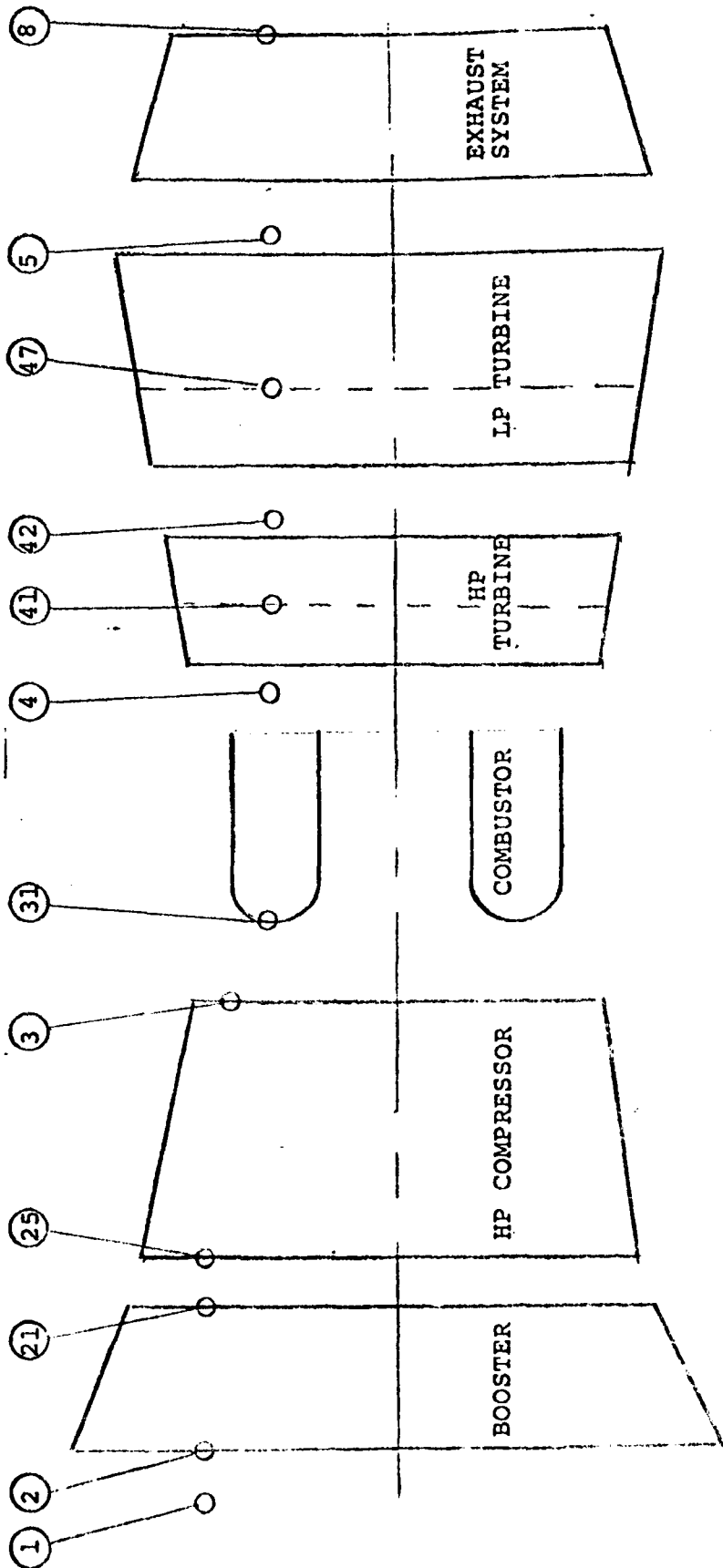
<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
PB3	Compressor discharge air bleed pressure	psia
TB3	Compressor discharge air bleed temperature	°R
EB	Combustor efficiency	-
T41	HP turbine rotor inlet temperature	°R
DH41R	HP turbine referred energy function	Btu/lbm/°R
P41Q42	HP turbine pressure ratio	-
ETH	HP turbine adiabatic efficiency	-
T47	LP turbine rotor inlet temperature	°R
DH47R	LP turbine referred energy function	Btu/lbm/°R
P47Q5	LP turbine pressure ratio	-
ETL	LP turbine adiabatic efficiency	-
XNL	LP turbine rotor speed (output shaft speed)	rpm
GW3S42	Ratio of parasitic flow originating at station 3 and reentering at station 42 to compressor inlet flow.	-
GW3S49	Ratio of parasitic flow originating at station 3 and reentering at station 49 to compressor inlet flow.	-
GW2742	Ratio of parasitic flow originating at station 27 and reentering at station 42 to compressor inlet flow.	-
GW2749	Ratio of parasitic flow originating at station 27 and reentering at station 49 to compressor inlet flow.	-
GWLK3	Ratio of overboard leakage flow from station 3 to compressor inlet flow.	-
GHW27	Enthalpy fraction at station 27, $(H_{27}-H_{25})/(H_3-H_{25})$	-
PWPAR	High pressure rotor parasitic power	hp
P2125Q	Inter-compressor pressure loss	-
P3D41Q	Combustor pressure loss	-
P4247Q	Inter-turbine pressure loss	-
P5D8Q	Exhaust system pressure loss	-

APPENDIX B

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
CD8	Exhaust nozzle flow discharge coefficient	-
CV8	Exhaust nozzle velocity coefficient	-
A8	Exhaust nozzle area	sq. in.
P8QAMB	Exhaust nozzle pressure ratio	-
T8	Exhaust gas temperature	°R
W8	Exhaust gas flow rate	lbm/sec
P8	Exhaust gas pressure	psia

APPENDIX B

STATION DESIGNATION SCHEMATIC DIAGRAM



Station	Designation
1	Engine Inlet
2	Booster Inlet
21	Booster Discharge
25	HP Compressor Inlet
3	HP Compressor Discharge
31	Combustor Inlet
4	Combustor Discharge
41	HP Turbine First Rotor Inlet
42	HP Turbine Discharge
47	LP Turbine First Rotor Inlet
5	LP Turbine Discharge
8	Exhaust Nozzle Discharge (Throat)

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.	0.	0.	0.	0.	0.
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	14.696	14.696	14.696	14.696	14.696	14.696
T2	518.67	518.67	518.67	518.67	518.67	518.67
PWSD	9536.3	8259.9	7532.2	5681.8	3855.6	2481.3
EPWSD	10129.3	8758.1	7981.8	5989.6	4060.6	2619.1
SFC	0.4216	0.4312	0.4392	0.4660	0.5087	0.5783
ESFC	0.4061	0.4067	0.4144	0.4420	0.4831	0.5478
WFT	4021.0	3561.7	3308.1	2647.5	1961.5	1434.8
FN	1482.52	1245.50	1124.17	769.53	512.58	344.59
W1	52.088	48.023	45.793	38.643	32.316	27.136
XNL	11827.	11827.	11827.	10420.	8719.	7508.
PB3	329.36	298.98	282.37	228.90	183.34	146.97
TB3	1400.6	1361.6	1340.4	1259.9	1179.7	1108.5
P8	17.354	16.907	16.681	16.041	15.576	15.287
T8	1509.3	1484.9	1470.6	1399.7	1335.3	1267.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	14.799	14.799	14.799	14.799	14.799	14.799
T2	519.71	519.71	519.71	519.71	519.71	519.71
PWSD	9581.6	8294.4	7565.9	5718.4	3882.4	2502.9
EPWSD	9914.3	8570.5	7813.0	5881.4	3985.4	2567.5
SFC	0.4206	0.4303	0.4381	0.4643	0.5067	0.5752
ESFC	0.4065	0.4164	0.4243	0.4514	0.4936	0.5607
WFT	4030.0	3568.7	3314.9	2654.9	1967.3	1439.6
FN	1310.47	1087.68	973.20	642.21	405.98	254.63
W1	52.229	48.143	45.912	38.780	32.443	27.258
XL	11827.	11827.	11827.	10407.	8711.	7506.
PB3	330.25	299.72	283.10	229.72	184.07	147.63
TB3	1401.3	1362.4	1341.2	1260.9	1180.9	1109.7
P8	17.362	16.919	16.691	16.049	15.583	15.292
T8	1508.5	1484.3	1469.9	1398.6	1334.2	1266.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	13.0000	14.0000	15.0000	16.0000	17.0000	18.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	15.112	15.112	15.112	15.112	15.112	15.112
T2	522.83	522.83	522.83	522.83	522.83	522.83
PWSD	9703.8	8403.3	7668.2	5829.2	3963.0	2568.5
EPWSD	10287.5	8879.6	8089.4	6094.3	4117.6	2653.5
SFC	0.4178	0.4273	0.4350	0.4594	0.5008	0.5661
ESFC	0.3941	0.4044	0.4123	0.4394	0.4820	0.5480
WFT	4054.3	3590.8	3335.3	2677.9	1984.6	1454.1
FN	1149.80	938.24	829.71	522.03	304.44	167.47
W1	52.602	48.520	46.266	39.211	32.825	27.626
XNL	11827.	11827.	11827.	10374.	8688.	7503.
PB3	332.62	302.07	285.29	232.27	186.23	149.61
TB3	1403.1	1364.9	1343.5	1264.2	1184.4	1113.1
P8	17.401	16.949	16.718	16.074	15.605	15.305
T8	1506.9	1482.3	1468.0	1395.4	1331.1	1263.3

** TF34/77 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	15.644	15.644	15.644	15.644	15.644	15.644
T2	528.04	528.04	528.04	528.04	528.04	528.04
PWSD	9893.2	8579.0	7833.0	6011.8	4098.0	2676.0
EPWSD	10650.5	9184.3	8359.8	6320.6	4255.2	2738.5
8FC	0.4135	0.4226	0.4299	0.4516	0.4913	0.5525
ESFC	0.3841	0.3948	0.4028	0.4295	0.4731	0.5399
WFT	4091.2	3625.6	3367.7	2714.7	2013.3	1478.4
FN	994.41	794.83	691.66	405.52	206.39	82.02
W1	53.187	49.114	46.840	39.904	33.463	28.243
XNL	11827.	11827.	11827.	10302.	8648.	7497.
PB3	336.31	305.77	288.83	236.37	189.85	152.95
T83	1406.2	1368.7	1347.4	1269.4	1190.2	1118.8
P8	17.457	17.002	16.765	16.117	15.644	15.332
T8	1504.5	1479.4	1465.0	1390.2	1326.1	1258.3

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.	0.	0.	0.	0.	0.
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	14.696	14.696	14.696	14.696	14.696	14.696
T2	562.67	562.67	562.67	562.67	562.67	562.67
PWSD	7061.3	6203.8	5769.0	4314.0	2818.1	1706.5
EPWSD	7461.0	6550.0	6090.0	4536.0	2965.0	1803.0
SFC	0.4513	0.4615	0.4665	0.5015	0.5674	0.6763
ESFC	0.4271	0.4371	0.4418	0.4770	0.5391	0.6400
WFT	3186.9	2862.9	2691.3	2163.5	1598.9	1154.0
FN	1001.34	869.28	804.08	555.77	369.56	243.48
W1	41.725	39.242	37.979	32.261	26.936	22.283
XL	11827.	11414.	11081.	9418.	8022.	6938.
PB3	263.96	244.40	234.31	191.26	152.95	120.86
TB3	1417.1	1386.3	1368.6	1288.8	1209.2	1132.9
P8	16.452	16.212	16.095	15.655	15.324	15.110
T8	1569.5	1538.5	1517.7	1447.3	1387.1	1325.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	31.0000	32.0000	33.0000	34.0000	35.0000	36.0000
ALT	0.	0.	0.	0.	0.	0.
XH	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	14.799	14.799	14.799	14.799	14.799	14.799
T2	563.80	563.80	563.80	563.80	563.80	563.80
PHSD	7095.9	6243.2	5805.6	4343.1	2840.3	1727.6
EPHSD	7322.9	6437.7	5983.8	4460.7	2914.0	1771.2
SFC	0.4502	0.4599	0.4649	0.4995	0.5649	0.6709
ESFC	0.4362	0.4460	0.4511	0.4864	0.5506	0.6544
HFT	3194.3	2871.3	2699.0	2169.6	1604.4	1159.1
FN	858.62	735.84	674.14	444.82	279.00	164.81
W1	41.849	39.388	38.117	32.383	27.064	22.421
XNL	11827.	11402.	11068.	9407.	8022.	6945.
PB3	264.74	245.31	235.16	191.98	153.68	121.61
TB3	1418.1	1387.5	1369.8	1290.0	1210.7	1134.8
P8	16.463	16.224	16.104	15.662	15.337	15.108
T8	1568.7	1537.3	1516.6	1446.2	1385.9	1323.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	37.0000	38.0000	39.0000	40.0000	41.0000	42.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	15.112	15.112	15.112	15.112	15.112	15.112
T2	567.18	567.18	567.18	567.18	567.18	567.18
PWSD	7197.3	6361.5	5915.7	4431.7	2911.2	1782.7
EPWSD	7578.9	6683.6	6207.4	4610.2	3010.3	1831.3
SFC	0.4466	0.4552	0.4602	0.4937	0.5564	0.6574
ESFC	0.4241	0.4332	0.4385	0.4746	0.5380	0.6400
WFT	3214.5	2895.6	2722.2	2187.9	1619.6	1172.0
FN	721.87	609.31	551.70	337.64	187.48	91.80
W1	42.187	39.809	38.534	32.748	27.423	22.778
XNL	11827.	11361.	11032.	9373.	8017.	6956.
PB3	266.87	247.93	237.73	194.15	155.71	123.54
TB3	1420.8	1390.8	1373.1	1293.6	1214.9	1139.5
P8	16.488	16.252	16.132	15.678	15.346	15.127
T8	1566.4	1533.8	1513.3	1442.8	1382.1	1319.3

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	43.0000	44.0000	45.0000	46.0000	47.0000	48.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	15.643	15.643	15.643	15.643	15.643	15.643
T2	572.82	572.82	572.82	572.82	572.82	572.82
PWSD	7369.0	6560.5	6098.3	4579.9	3028.4	1877.3
EPWSD	7836.7	6948.1	6444.8	4765.6	3107.8	1889.9
SFC	0.4408	0.4476	0.4528	0.4844	0.5433	0.6358
ESFC	0.4145	0.4227	0.4284	0.4656	0.5294	0.6315
HFT	3248.4	2936.7	2761.1	2218.7	1645.3	1193.6
FN	589.74	488.78	436.98	234.17	100.08	15.94
W1	42.756	40.525	39.236	33.369	28.032	23.382
XNL	11827.	11296.	10974.	9324.	8009.	6973.
PB3	270.47	252.37	242.05	197.84	159.16	126.80
TB3	1425.3	1396.3	1378.7	1299.7	1221.8	1147.5
P8	16.529	16.303	16.190	15.712	15.376	15.166
T8	1562.6	1528.1	1508.1	1437.4	1376.1	1312.0

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	49.0000	50.0000	51.0000	52.0000	53.0000
ALT	0.	0.	0.	0.	0.
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	16.410	16.410	16.410	16.410	16.410
T2	535.33	535.33	535.33	535.33	535.33
PWSD	8831.5	8095.8	6266.1	4296.6	2828.0
EPWSD	9497.6	8665.0	6562.8	4400.7	2819.9
SFC	0.4162	0.4224	0.4413	0.4780	0.5341
ESFC	0.3870	0.3946	0.4214	0.4667	0.5356
WFT	3675.5	3419.5	2765.4	2053.8	1510.3
FN	656.07	560.56	292.18	102.50	-7.90
W1	49.973	47.761	40.864	34.371	29.111
XNL	11827.	11762.	10193.	8595.	7487.
PB3	311.11	294.50	242.07	195.01	157.66
TB3	1374.2	1353.6	1276.5	1198.3	1127.8
P8	17.077	16.842	16.183	15.676	15.359
T8	1475.3	1459.6	1383.4	1318.8	1250.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	54.0000	55.0000	56.0000	57.0000	58.0000
ALT	0.	0.	0.	0.	0.
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	17.435	17.435	17.435	17.435	17.435
T2	544.69	544.69	544.69	544.69	544.69
PWSD	9145.6	8470.8	6601.2	4547.2	3023.6
EPWSD	9802.3	9021.7	6827.2	4551.4	2901.3
SFC	0.4084	0.4124	0.4289	0.4630	0.5129
ESFC	0.3810	0.3872	0.4147	0.4625	0.5345
WFT	3735.1	3493.2	2831.2	2105.1	1550.8
FN	517.42	433.97	178.09	3.28	-96.42
W1	51.012	49.075	42.124	35.538	30.232
XNL	11827.	11605.	10056.	8525.	7470.
PB3	317.58	302.61	249.53	201.64	163.75
TB3	1381.0	1362.2	1285.6	1208.4	1139.1
P8	17.169	16.951	16.268	15.749	15.415
T8	1470.5	1451.7	1374.8	1310.5	1241.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	59.0000	60.0000	61.0000	62.0000	63.0000
ALT	0.	0.	0.	0.	0.
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	18.749	18.749	18.749	18.749	18.749
T2	556.13	556.13	556.13	556.13	556.13
PWSD	9569.3	8935.8	7005.6	4857.5	3261.5
EPWSD	10153.9	9404.4	7092.0	4703.7	2969.3
SFC	0.3988	0.4010	0.4153	0.4463	0.4899
ESFC	0.3759	0.3810	0.4102	0.4609	0.5381
WFT	3816.4	3583.3	2909.3	2168.0	1597.8
FN	383.79	307.62	56.70	-100.99	-191.82
W1	52.434	50.697	43.646	36.989	31.558
XNL	11768.	11416.	9882.	8442.	7437.
PB3	326.43	312.62	258.56	209.88	170.94
TB3	1389.9	1372.5	1296.5	1220.7	1152.1
P8	17.301	17.090	16.356	15.834	15.478
T8	1463.7	1442.6	1365.4	1300.9	1231.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	64.0000	65.0000	66.0000	67.0000	68.0000
ALT	0.	0.	0.	0.	0.
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	20.390	20.390	20.390	20.390	20.390
T2	569.65	569.65	569.65	569.65	569.65
PHSD	10150.1	9520.4	7469.2	5225.3	3541.8
EPWSD	10603.5	9845.6	7356.1	4841.1	3014.2
SFC	0.3871	0.3885	0.4016	0.4287	0.4659
ESFC	0.3706	0.3756	0.4077	0.4627	0.5475
WFT	3929.4	3698.3	2999.3	2239.9	1650.2
FN	255.15	182.97	-63.68	-216.24	-296.95
W1	54.421	52.767	45.424	38.667	33.092
XL	11544.	11226.	9669.	8331.	7386.
PB3	338.81	325.40	269.11	219.41	179.26
TB3	1401.8	1384.7	1308.8	1234.4	1166.8
P8	17.486	17.274	16.487	15.918	15.544
T8	1454.0	1432.1	1356.1	1290.8	1220.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	69.0000	70.0000	71.0000	72.0000	73.0000
ALT	0.	0.	0.	0.	0.
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	21.349	21.349	21.349	21.349	21.349
T2	577.19	577.19	577.19	577.19	577.19
PWSD	10194.2	9849.4	7729.7	5433.3	3700.0
EPWSD	10495.2	10077.1	7496.8	4915.2	3029.5
SFC	0.3814	0.3820	0.3946	0.4198	0.4539
ESFC	0.3705	0.3734	0.4069	0.4640	0.5543
WFT	3888.1	3762.8	3050.3	2280.7	1679.2
FN	158.12	119.57	-122.30	-272.11	-352.16
W1	54.853	53.943	46.451	39.637	33.958
XNL	11294.	11125.	9575.	8285.	7357.
PB3	340.00	332.65	275.21	224.92	183.95
TB3	1400.7	1391.4	1315.9	1242.2	1175.0
PB	17.499	17.381	16.577	15.985	15.585
T8	1438.4	1426.7	1351.3	1285.5	1215.1

** TF34/T7 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	74.0000	75.0000	76.0000	77.0000	78.0000
ALT	0.	0.	0.	0.	0.
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	22.409	22.409	22.409	22.409	22.409
T2	585.24	585.24	585.24	585.24	585.24
PWSD	10181.7	10181.5	8014.9	5659.3	3872.1
EPWSD	10291.5	10291.6	7629.9	4985.6	3039.7
SFC	0.3760	0.3760	0.3873	0.4107	0.4417
ESFC	0.3719	0.3719	0.4068	0.4662	0.5627
WFT	3827.8	3827.8	3104.1	2324.0	1710.5
FN	54.07	54.20	-189.59	-331.75	-409.87
W1	55.151	55.151	47.550	40.686	34.895
XNL	11011.	11011.	9472.	8245.	7326.
PB3	340.00	340.00	281.73	230.89	189.04
TB3	1398.1	1398.1	1323.5	1250.5	1183.7
P8	17.495	17.496	16.647	16.053	15.630
T8	1421.0	1421.0	1346.0	1280.0	1209.3

** TF34/T7 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	80.0000	81.0000	82.0000	83.0000	84.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	12.574	12.574	12.574	12.574	12.574
T2	504.86	504.86	504.86	504.86	504.86
PWSD	7889.8	7226.4	5391.4	3735.1	2435.9
EPWSD	8361.4	7642.6	5645.5	3888.1	2522.9
SFC	0.4170	0.4227	0.4482	0.4824	0.5415
ESFC	0.3935	0.3997	0.4280	0.4634	0.5228
WFT	3290.0	3054.4	2416.6	1801.8	1319.0
FN	945.19	834.22	509.28	306.78	174.33
W1	44.243	42.108	35.041	29.471	24.750
XNL	11827.	11827.	10700.	9020.	7698.
PB3	275.47	259.69	207.61	167.22	134.09
TB3	1357.5	1334.2	1250.9	1172.0	1101.2
P8	14.455	14.217	13.529	13.101	12.816
T8	1459.4	1444.6	1377.8	1310.3	1243.0

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	85.0000	86.0000	87.0000	88.0000	89.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	13.016	13.016	13.016	13.016	13.016
T2	509.89	509.89	509.89	509.89	509.89
PWSD	8068.7	7375.4	5555.4	3857.7	2536.8
EPWSD	8682.5	7908.6	5861.6	4020.8	2609.5
SFC	0.4123	0.4181	0.4411	0.4737	0.5285
ESFC	0.3831	0.3899	0.4181	0.4545	0.5138
WFT	3326.7	3083.9	2450.6	1827.3	1340.8
FN	820.18	712.54	409.19	217.93	97.17
W1	44.840	42.621	35.665	30.027	25.304
XNL	11827.	11827.	10637.	8969.	7692.
PB3	279.18	262.85	211.31	170.38	137.08
TB3	1361.1	1338.0	1255.9	1177.3	1107.1
PB	14.509	14.263	13.572	13.126	12.832
T8	1456.2	1441.8	1372.8	1305.6	1237.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	90.0000	91.0000	92.0000	93.0000	94.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	13.654	13.654	13.654	13.654	13.654
T2	516.93	516.93	516.93	516.93	516.93
PWSD	8280.3	7588.9	5786.8	4028.8	2674.7
EPWSD	8972.8	8182.6	6097.8	4158.3	2695.7
SFC	0.4065	0.4119	0.4317	0.4623	0.5123
E9FC	0.3751	0.3820	0.4096	0.4479	0.5083
WFT	3365.6	3126.1	2497.9	1862.5	1370.2
FN	693.99	595.01	311.58	129.82	21.03
W1	45.478	43.358	36.538	30.797	26.059
XNL	11827.	11827.	10548.	8893.	7677.
PB3	283.16	267.39	216.48	174.75	141.15
TB3	1364.9	1343.3	1262.8	1184.5	1115.0
P8	14.571	14.329	13.633	13.164	12.864
T8	1453.2	1437.8	1366.2	1299.3	1230.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	95.0000	96.0000	97.0000	98.0000	99.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	14.507	14.507	14.507	14.507	14.507
T2	525.98	525.98	525.98	525.98	525.98
PWSD	8560.5	7871.3	6090.8	4247.1	2856.9
EPWSD	9273.8	8469.6	6358.7	4302.6	2784.8
SFC	0.3994	0.4042	0.4203	0.4491	0.4931
ESFC	0.3687	0.3756	0.4025	0.4433	0.5058
HFT	3419.1	3181.3	2559.7	1907.5	1408.6
FN	571.91	479.65	214.80	44.52	-57.76
W1	46.375	44.328	37.693	31.800	27.045
XNL	11827.	11827.	10446.	8811.	7657.
PB3	288.75	273.37	223.32	180.45	146.47
TB3	1370.6	1350.1	1271.8	1194.2	1124.7
P8	14.656	14.414	13.715	13.231	12.906
T8	1449.0	1432.7	1357.8	1291.6	1222.2

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	100.0000	101.0000	102.0000	103.0000	104.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAHB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	15.600	15.600	15.600	15.600	15.600
T2	537.04	537.04	537.04	537.04	537.04
PWSD	8908.7	8207.7	6458.4	4522.5	3070.5
EPWSD	9589.5	8754.9	6632.0	4454.0	2862.1
9FC	0.3915	0.3954	0.4074	0.4340	0.4727
ESFC	0.3637	0.3707	0.3967	0.4407	0.5071
WFT	3487.3	3245.3	2631.2	1962.7	1451.4
PN	454.89	365.59	116.02	-45.75	-139.24
W1	47.553	45.471	39.054	33.047	28.219
XL	11827.	11814.	10281.	8712.	7621.
PB3	296.08	280.41	231.38	187.53	152.85
TB3	1378.6	1358.2	1282.3	1205.8	1137.3
P8	14.776	14.525	13.816	13.305	12.966
T8	1444.0	1427.0	1348.4	1282.5	1212.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	105.0000	106.0000	107.0000	108.0000	109.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	10.393	10.393	10.393	10.393	10.393
T2	486.89	486.89	486.89	486.89	486.89
PWSD	7298.1	6710.1	4960.3	3467.2	2287.2
EPWSD	7758.7	7116.2	5205.0	3615.6	2371.7
SFC	0.4096	0.4134	0.4388	0.4686	0.5196
ESFC	0.3853	0.3898	0.4182	0.4493	0.5011
WPT	2989.5	2774.0	2176.6	1624.6	1188.5
FN	939.96	828.78	499.42	302.75	172.38
W1	40.003	38.029	31.241	26.248	21.989
XNL	11827.	11827.	11067.	9393.	7924.
PB3	249.12	234.59	185.12	148.96	119.19
TB3	1349.9	1325.8	1237.5	1158.8	1087.1
P8	12.290	12.048	11.347	10.933	10.652
T8	1439.4	1423.3	1361.0	1291.8	1224.2

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	110.0000	111.0000	112.0000	113.0000	114.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	10.758	10.758	10.758	10.758	10.758
T2	491.74	491.74	491.74	491.74	491.74
PWSD	7450.9	6856.1	5105.1	3581.2	2374.0
EPWSD	8060.6	7387.8	5408.2	3748.1	2452.2
SFC	0.4055	0.4090	0.4320	0.4602	0.5084
ESFC	0.3748	0.3796	0.4078	0.4397	0.4922
WFT	3021.0	2804.2	2205.5	1648.1	1207.0
FN	829.56	723.47	412.34	227.08	106.35
W1	40.506	38.525	31.767	26.748	22.455
XNL	11827.	11827.	10994.	9334.	7901.
PB3	252.25	237.64	188.24	151.79	121.71
TB3	1353.0	1329.0	1242.3	1164.1	1092.9
P8	12.338	12.094	11.386	10.960	10.669
T8	1436.8	1420.5	1356.1	1286.8	1218.9

** TF34/T7 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	115.0000	116.0000	117.0000	118.0000	119.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	11.286	11.286	11.286	11.286	11.286
T2	498.53	498.53	498.53	498.53	498.53
PWSD	7663.4	7063.6	5309.2	3740.7	2493.3
EPWSD	8373.5	7675.7	5630.5	3890.0	2534.8
SFC	0.3999	0.4031	0.4230	0.4492	0.4943
ESFC	0.3660	0.3710	0.3989	0.4319	0.4862
WFT	3064.4	2847.4	2245.9	1680.2	1232.4
FN	724.64	624.54	327.86	152.37	42.32
W1	41.199	39.239	32.510	27.434	23.102
XNL	11827.	11827.	10893.	9243.	7664.
PB3	256.56	242.04	192.65	155.68	125.21
TB3	1357.1	1333.6	1248.9	1171.1	1100.9
P8	12.411	12.167	11.440	10.999	10.703
T8	1433.3	1416.7	1349.4	1280.1	1212.1

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	120.0000	121.0000	122.0000	123.0000	124.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	11.991	11.991	11.991	11.991	11.991
T2	507.26	507.26	507.26	507.26	507.26
PWSD	7944.1	7319.6	5573.2	3949.3	2653.7
EPWSD	8710.2	7962.5	5873.2	4045.1	2621.2
SFC	0.3931	0.3959	0.4124	0.4360	0.4769
ESFC	0.3585	0.3640	0.3914	0.4257	0.4828
WFT	3122.4	2898.0	2298.5	1722.0	1265.6
FN	625.44	524.82	244.87	78.21	-26.56
W1	42.138	40.089	33.484	28.334	23.946
XNL	11827.	11827.	10768.	9132.	7817.
PB3	262.40	247.28	198.42	160.78	129.77
TB3	1362.9	1339.4	1257.3	1180.0	1110.5
P8	12.513	12.249	11.514	11.056	10.736
T8	1429.0	1412.2	1341.5	1272.1	1203.8

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	125.0000	126.0000	127.0000	128.0000	129.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	12.894	12.894	12.894	12.894	12.894
Y2	517.93	517.93	517.93	517.93	517.93
PWSD	8261.0	7613.3	5902.2	4200.3	2857.7
EPWSD	9028.6	8241.7	6140.6	4201.3	2720.6
SFC	0.3853	0.3883	0.4007	0.4219	0.4578
ESFC	0.3525	0.3587	0.3851	0.4218	0.4808
WPT	3183.0	2956.1	2364.9	1772.0	1308.1
FN	522.22	427.50	162.16	0.70	-93.28
W1	43.128	41.107	34.714	29.434	25.033
XNL	11827.	11827.	10626.	9015.	7792.
PB3	268.57	253.36	205.70	167.04	135.63
TB3	1369.0	1347.1	1267.5	1190.8	1122.1
P8	12.620	12.356	11.610	11.122	10.801
T8	1424.6	1407.4	1332.5	1263.3	1194.3

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	130.0000	131.0000	132.0000	133.0000	134.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	14.023	14.023	14.023	14.023	14.023
Y2	530.54	530.54	530.54	530.54	530.54
PN3D	8618.7	7966.7	6294.7	4485.9	3099.6
EPWSD	9337.6	8532.6	6429.6	4351.5	2811.5
3FC	0.3770	0.3797	0.3882	0.4075	0.4375
ESFC	0.3480	0.3545	0.3801	0.4201	0.4823
WFT	3249.6	3024.7	2443.7	1828.2	1356.0
FN	419.19	329.97	78.66	-78.37	-168.02
W1	44.248	42.322	36.196	30.712	26.297
XNL	11827.	11827.	10470.	8877.	7750.
PB3	275.53	261.04	214.50	174.31	142.44
TB3	1376.4	1356.2	1279.6	1203.6	1135.6
P8	12.750	12.485	11.731	11.210	10.866
T8	1420.0	1402.0	1322.8	1254.2	1183.8

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	135.0000	136.0000	137.0000	138.0000	139.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	14.683	14.683	14.683	14.683	14.683
T2	537.57	537.57	537.57	537.57	537.57
PWSD	8827.9	8162.2	6511.3	4650.8	3226.9
EPWSD	9503.6	8677.8	6576.3	4428.2	2845.9
SFC	0.3726	0.3751	0.3818	0.3999	0.4277
ESFC	0.3461	0.3528	0.3780	0.4201	0.4849
WFT	3289.6	3061.8	2485.8	1860.1	1380.1
FN	367.72	280.61	35.39	-121.15	-207.38
W1	44.941	42.985	37.000	31.438	26.968
XNL	11827.	11827.	10361.	8806.	7717.
PB3	279.84	265.12	219.26	178.44	146.08
TB3	1381.4	1361.2	1286.1	1210.7	1143.2
P8	12.823	12.557	11.799	11.254	10.902
T8	1417.2	1399.2	1317.8	1249.3	1178.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	140.0000	141.0000	142.0000	143.0000	144.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	15.412	15.412	15.412	15.412	15.412
T2	545.08	545.08	545.08	545.08	545.08
PWSD	9041.6	8408.7	6745.5	4828.3	3363.2
EPWSD	9665.3	8868.6	6725.0	4504.6	2876.0
SFC	0.3683	0.3698	0.3751	0.3923	0.4178
ESFC	0.3446	0.3507	0.3762	0.4205	0.4886
WFT	3330.2	3109.9	2530.1	1894.1	1405.3
PN	318.22	234.62	-10.47	-165.16	-248.59
W1	45.653	43.850	37.856	32.221	27.679
XNL	11827.	11725.	10236.	8730.	7679.
PB3	284.28	270.45	224.33	182.89	149.95
TB3	1386.5	1367.4	1292.9	1218.2	1151.1
PB	12.913	12.651	11.868	11.304	10.941
TB	1414.7	1395.0	1312.5	1244.2	1173.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	145.0000	146.0000	147.0000	148.0000	149.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	8.829	8.829	8.829	8.829	8.829
T2	473.59	473.59	473.59	473.59	473.59
PWSD	6853.7	6282.7	4656.8	3283.4	2209.1
EPWSD	7460.4	6806.2	4952.5	3450.5	2292.8
SFC	0.3998	0.4026	0.4240	0.4490	0.4902
ESFC	0.3673	0.3717	0.3987	0.4273	0.4723
WFT	2740.4	2529.7	1974.4	1474.3	1083.0
FN	841.09	725.70	410.03	231.63	116.04
W1	36.580	34.555	28.126	23.608	19.860
XL	11827.	11827.	11338.	9685.	8160.
PB3	227.86	213.20	166.68	134.05	107.72
TB3	1346.2	1320.3	1227.9	1149.3	1078.3
P8	10.496	10.227	9.504	9.099	8.826
T8	1417.8	1401.9	1340.1	1269.9	1200.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	150.0000	151.0000	152.0000	153.0000	154.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	9.261	9.261	9.261	9.261	9.261
T2	480.13	480.13	480.13	480.13	480.13
PWSD	7106.8	6465.0	4835.2	3427.0	2317.1
EPWSD	7847.8	7080.6	5161.1	3589.1	2375.0
SFC	0.3947	0.3972	0.4160	0.4387	0.4771
ESFC	0.3575	0.3627	0.3897	0.4189	0.4655
WFT	2805.3	2567.9	2011.4	1503.4	1105.6
FN	770.45	640.07	338.91	168.52	60.15
W1	37.630	35.175	28.790	24.215	20.420
XNL	11827.	11827.	11255.	9597.	8117.
PB3	234.40	217.03	170.62	137.48	110.74
TB3	1353.6	1324.5	1234.4	1156.3	1086.0
P8	10.618	10.293	9.556	9.137	8.853
T8	1412.7	1398.4	1333.9	1263.1	1193.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	155.0000	156.0000	157.0000	158.0000	159.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	9.840	9.840	9.840	9.840	9.840
T2	488.54	488.54	488.54	488.54	488.54
PHSD	7262.9	6704.3	5066.3	3610.9	2457.4
EPHSD	8056.5	7376.0	5390.0	3737.4	2460.6
SFC	0.3886	0.3905	0.4062	0.4267	0.4616
ESFC	0.3503	0.3549	0.3818	0.4123	0.4610
WFT	2822.4	2618.1	2058.1	1540.8	1134.4
FN	660.11	558.75	269.29	105.24	2.68
W1	37.869	35.994	29.638	25.005	21.144
XL	11827.	11827.	11123.	9486.	8062.
P83	235.88	222.08	175.63	141.95	114.66
T83	1354.0	1330.1	1242.6	1165.1	1095.7
P8	10.649	10.383	9.626	9.187	8.887
T8	1411.7	1394.1	1326.3	1255.2	1185.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	160.0000	161.0000	162.0000	163.0000	164.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	10.581	10.581	10.581	10.581	10.581
T2	498.82	498.82	498.82	498.82	498.82
PWSD	7559.6	7002.6	5349.8	3837.8	2623.5
EPWSD	8390.3	7695.7	5637.6	3895.8	2542.9
SFC	0.3813	0.3827	0.3952	0.4133	0.4452
ESFC	0.3435	0.3483	0.3750	0.4071	0.4594
WFT	2882.3	2680.1	2114.2	1586.1	1168.1
FN	575.84	480.44	199.51	40.23	-55.92
W1	38.824	37.014	30.669	25.971	22.005
XNL	11827.	11827.	10960.	9344.	7983.
PB3	241.82	228.36	181.74	147.42	119.31
TB3	1360.0	1336.8	1252.3	1175.5	1106.8
P8	10.763	10.498	9.712	9.248	8.935
T8	1407.3	1389.0	1317.6	1246.3	1176.9

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	165.0000	166.0000	167.0000	168.0000	169.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	11.508	11.508	11.508	11.508	11.508
T2	510.97	510.97	510.97	510.97	510.97
PWSD	7915.0	7323.5	5699.8	4109.1	2836.0
EPWSD	8749.4	7995.3	5918.8	4065.6	2636.0
SFC	0.3733	0.3745	0.3831	0.3990	0.4268
ESFC	0.3377	0.3431	0.3689	0.4033	0.4592
WPT	2954.7	2743.0	2183.4	1639.6	1210.5
PN	495.72	399.15	130.14	-25.80	-118.82
W1	39.992	38.074	31.950	27.125	23.085
XNL	11827.	11827.	10787.	9175.	7904.
PB3	249.09	234.90	189.34	153.96	125.14
TB3	1367.3	1344.4	1263.7	1187.4	1119.4
P8	10.910	10.624	9.823	9.329	8.992
T8	1402.6	1384.2	1307.8	1236.8	1166.9

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	170.0000	171.0000	172.0000	173.0000	174.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	12.049	12.049	12.049	12.049	12.049
T2	517.74	517.74	517.74	517.74	517.74
PWSD	8099.4	7497.7	5899.8	4265.4	2959.7
EPWSD	8915.6	8142.4	6071.6	4155.7	2686.9
SFC	0.3691	0.3704	0.3769	0.3915	0.4172
ESFC	0.3353	0.3410	0.3662	0.4018	0.4596
WFT	2989.7	2777.0	2223.5	1669.9	1234.9
FN	452.66	357.57	95.26	-60.82	-151.31
W1	40.569	38.671	32.696	27.795	23.709
XNL	11827.	11827.	10699.	9106.	7869.
PB3	252.68	238.58	193.77	157.76	128.50
TB3	1371.2	1349.2	1270.1	1194.3	1126.3
P8	10.982	10.692	9.890	9.373	9.028
T8	1400.3	1381.6	1302.8	1231.4	1161.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	175.0000	176.0000	177.0000	178.0000	179.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.10	465.18	465.18	465.18	465.18
P2	12.647	12.647	12.647	12.647	12.647
T2	524.98	524.98	524.98	524.98	524.98
PWSD	8286.7	7686.5	6106.1	4424.8	3098.0
EPWSD	9070.2	8296.1	6222.4	4241.4	2745.1
SFC	0.3648	0.3661	0.3709	0.3844	0.4075
ESFC	0.3333	0.3392	0.3640	0.4010	0.4598
WFT	3023.2	2813.8	2264.9	1700.8	1262.3
FN	407.32	316.94	60.49	-95.34	-183.44
W1	41.123	39.322	33.479	28.493	24.414
XNL	11827.	11827.	10602.	9019.	7850.
PB3	256.12	242.59	198.41	161.72	132.29
TB3	1374.8	1354.3	1276.9	1201.6	1133.7
P8	11.053	10.770	9.965	9.427	9.075
T8	1398.2	1379.0	1298.0	1226.5	1156.1

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	180.0000	181.0000	182.0000	183.0000	184.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	7.541	7.541	7.541	7.541	7.541
T2	461.73	461.73	461.73	461.73	461.73
PWSD	6214.1	5802.5	4355.3	3099.1	2124.1
EPWSD	6886.0	6400.4	4677.0	3265.1	2193.9
SFC	0.3919	0.3933	0.4101	0.4302	0.4628
ESFC	0.3537	0.3565	0.3819	0.4083	0.4481
WFT	2435.4	2281.9	1786.3	1333.3	983.0
FN	712.37	633.89	341.12	175.99	73.96
W1	32.256	31.019	25.237	21.182	17.885
XL	11827.	11827.	11530.	9899.	8358.
PB3	200.91	191.38	149.65	120.37	97.09
TB3	1334.0	1312.9	1218.6	1140.9	1070.3
P8	8.847	8.655	7.937	7.534	7.275
T8	1403.8	1383.7	1319.6	1247.6	1176.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	185.0000	186.0000	187.0000	188.0000	189.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XH	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	8.013	8.013	8.013	8.013	8.013
T2	469.82	469.82	469.82	469.82	469.82
PWSD	6527.7	6053.4	4566.0	3272.4	2248.5
EPWSD	7316.4	6731.5	4901.2	3419.0	2280.7
SFC	0.3856	0.3867	0.4006	0.4185	0.4489
ESFC	0.3441	0.3477	0.3732	0.4005	0.4426
WFT	2517.3	2340.5	1829.4	1369.4	1009.4
FN	669.07	575.23	284.29	124.37	27.26
W1	33.537	31.957	26.003	21.911	18.521
XNL	11827.	11827.	11426.	9826.	8302.
PB3	208.93	197.18	154.17	124.49	100.52
TB3	1343.1	1319.6	1226.5	1149.4	1079.6
P8	9.010	8.764	8.004	7.583	7.312
T8	1397.3	1378.4	1311.9	1239.3	1168.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	190.0000	191.0000	192.0000	193.0000	194.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	8.616	8.616	8.616	8.616	8.616
T2	479.70	479.70	479.70	479.70	479.70
PWSD	6814.5	6310.1	4815.9	3477.4	2406.9
EPWSD	7673.6	7032.2	5138.3	3579.0	2374.0
SFC	0.3788	0.3796	0.3905	0.4056	0.4328
ESFC	0.3364	0.3406	0.3660	0.3941	0.4388
WFT	2581.1	2395.1	1880.6	1410.5	1041.7
FN	607.28	510.44	227.87	71.85	-23.25
W1	34.532	32.838	26.929	22.761	19.315
XNL	11827.	11827.	11295.	9690.	8234.
PB3	215.14	202.63	159.63	129.29	104.81
TB3	1349.6	1325.9	1236.0	1159.5	1090.8
P8	9.142	8.872	8.087	7.645	7.350
T8	1392.8	1373.9	1303.7	1230.1	1159.1

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	195.0000	196.0000	197.0000	198.0000	199.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	9.371	9.371	9.371	9.371	9.371
T2	491.38	491.38	491.38	491.38	491.38
PWSD	7132.9	6615.8	5111.5	3716.4	2587.8
EPWSD	8030.3	7356.2	5394.5	3745.3	2466.3
SFC	0.3714	0.3718	0.3796	0.3923	0.4164
ESFC	0.3299	0.3344	0.3597	0.3893	0.4370
WFT	2649.0	2459.5	1940.4	1458.1	1077.7
FN	543.73	448.57	171.49	17.50	-73.64
W1	35.607	33.891	28.031	23.767	20.222
XNL	11827.	11827.	11115.	9523.	8138.
PB3	221.84	209.13	166.14	134.99	109.71
TB3	1356.8	1333.4	1247.3	1171.3	1103.4
P8	9.288	9.009	8.190	7.719	7.409
T8	1388.3	1369.0	1294.8	1220.5	1149.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	200.0000	201.0000	202.0000	203.0000	204.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	9.811	9.811	9.811	9.811	9.811
T2	497.90	497.90	497.90	497.90	497.90
PWBD	7314.2	6793.4	5278.9	3850.0	2688.0
EPWSD	8223.4	7533.4	5532.2	3830.7	2506.5
SFC	0.3675	0.3675	0.3740	0.3856	0.4080
ESFC	0.3269	0.3314	0.3568	0.3876	0.4376
WFT	2688.0	2496.9	1974.1	1484.7	1096.8
FN	514.11	418.50	143.22	-10.88	-102.66
W1	36.230	34.505	28.651	24.334	20.712
XNL	11827.	11827.	11014.	9430.	8078.
PB3	225.72	212.93	169.80	138.19	112.36
TB3	1360.9	1337.7	1253.4	1177.7	1110.0
P8	9.377	9.088	8.250	7.760	7.432
T8	1386.0	1366.3	1290.1	1215.8	1144.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	205.0000	206.0000	207.0000	208.0000	209.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	10.299	10.299	10.299	10.299	10.299
T2	504.86	504.86	504.86	504.86	504.86
PWSD	7508.0	6983.6	5460.3	3991.9	2799.7
EPWSD	8421.3	7718.2	5676.6	3917.3	2552.6
SFC	0.3635	0.3633	0.3682	0.3789	0.3996
ESFC	0.3241	0.3287	0.3541	0.3861	0.4382
WFT	2729.1	2537.0	2010.3	1512.6	1118.7
PN	484.21	389.38	114.64	-39.54	-130.99
W1	36.886	35.164	29.323	24.935	21.268
XNL	11827.	11827.	10910.	9326.	8024.
PB3	229.80	217.03	173.77	141.58	115.36
TB3	1365.2	1342.4	1260.1	1184.3	1117.0
P8	9.472	9.177	8.316	7.807	7.465
T8	1383.8	1363.5	1285.2	1211.1	1139.8

** TF34/T7 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	210.0000	211.0000	212.0000	213.0000	214.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	6.090	6.090	6.090	6.090	6.090
T2	443.32	443.32	443.32	443.32	443.32
PWSD	5356.5	5114.6	3838.3	2766.7	1917.1
EPWSD	5953.3	5675.6	4141.8	2931.1	1993.1
SFC	0.3904	0.3910	0.4063	0.4226	0.4508
ESFC	0.3513	0.3523	0.3765	0.3989	0.4336
WFT	2091.1	1999.8	1559.5	1169.1	864.2
FN	645.89	607.05	328.37	177.89	82.28
W1	27.314	26.905	21.721	18.316	15.476
XNL	11827.	11827.	11716.	10129.	8585.
PB3	170.21	166.08	128.94	104.21	84.13
TB3	1313.3	1298.4	1201.3	1124.9	1053.4
P8	7.309	7.218	6.532	6.169	5.931
T8	1396.9	1372.3	1308.0	1232.6	1161.0

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	215.0000	216.0000	217.0000	218.0000	219.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
RB3Q	0.	0.	0.	0.	0.
PANB	5.454	5.454	5.454	5.454	5.454
TANB	429.52	429.52	429.52	429.52	429.52
PC	6.470	6.470	6.470	6.470	6.470
Y2	451.09	451.09	451.09	451.09	451.09
PWSD	5626.6	5318.6	4040.3	2912.6	2029.0
EPWSD	6337.7	5964.2	4371.5	3069.5	2080.3
SFC	0.3845	0.3850	0.3974	0.4122	0.4378
EGFC	0.3414	0.3433	0.3673	0.3911	0.4270
HFT	2103.6	2047.7	1605.5	1200.5	888.2
FN	615.55	558.90	286.78	135.86	44.38
W1	28.032	27.661	22.500	18.932	16.035
XNL	11827.	11827.	11645.	10045.	8522.
PB3	177.15	170.73	133.54	107.69	87.14
TB3	1322.4	1304.3	1209.5	1132.9	1062.4
P8	7.460	7.316	6.606	6.214	5.967
T8	1390.6	1367.8	1300.2	1225.1	1153.0

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	220.0000	221.0000	222.0000	223.0000	224.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	6.958	6.958	6.958	6.958	6.958
T2	460.58	460.58	460.58	460.58	460.58
PWSD	5962.1	5576.5	4277.6	3096.2	2170.7
EPWSD	6785.6	6291.4	4618.2	3226.4	2175.9
SFC	0.3780	0.3780	0.3876	0.4004	0.4229
ESFC	0.3321	0.3331	0.3590	0.3842	0.4219
WFT	2253.5	2108.2	1657.9	1239.6	918.0
FN	594.11	515.75	245.71	93.96	3.75
W1	29.833	28.621	23.409	19.707	16.741
XNL	11827.	11827.	11554.	9950.	8451.
PB3	185.85	176.64	138.89	112.07	90.95
T83	1333.5	1311.7	1219.2	1142.7	1073.5
P8	7.659	7.443	6.695	6.272	6.005
T8	1383.6	1362.5	1291.6	1216.3	1143.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	225.0000	226.0000	227.0000	228.0000	229.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	7.567	7.567	7.567	7.567	7.567
T2	471.80	471.80	471.80	471.80	471.80
PWSD	6354.9	5896.8	4547.8	3316.6	2335.3
EPWSD	7291.7	6673.8	4876.1	3400.0	2272.2
SFC	0.3712	0.3705	0.3771	0.3876	0.4075
ESFC	0.3235	0.3273	0.3517	0.3781	0.4188
WFT	2358.7	2184.7	1714.9	1285.6	951.6
PN	579.25	480.46	203.03	51.61	-39.01
W1	31.489	29.855	24.416	20.635	17.557
XNL	11827.	11827.	11416.	9840.	8363.
PB3	196.18	184.24	144.81	117.31	95.35
TB3	1346.2	1321.3	1230.1	1154.2	1086.0
P8	7.907	7.614	6.798	6.346	6.052
T8	1376.6	1356.3	1282.6	1206.6	1133.4

** YF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	230.0000	231.0000	232.0000	233.0000	234.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XH	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
W83Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	7.923	7.923	7.923	7.923	7.923
T2	478.05	478.05	478.05	478.05	478.05
PWSD	6502.8	6049.8	4696.8	3438.8	2425.3
EPWSD	7050.0	6841.3	5010.7	3490.3	2320.9
SFC	0.3672	0.3666	0.3717	0.3810	0.3998
ESFC	0.3203	0.3242	0.3484	0.3754	0.4178
WFT	2388.1	2217.7	1745.9	1310.3	969.7
FN	550.11	456.79	181.16	29.72	-60.22
W1	31.938	30.397	24.973	21.143	18.003
XNL	11827.	11827.	11337.	9757.	8310.
PB3	190.00	187.58	148.10	120.18	97.76
TB3	1349.0	1325.6	1236.0	1160.4	1092.7
P8	7.971	7.688	6.854	6.387	6.084
T8	1374.7	1353.8	1278.1	1201.5	1128.6

** TF34/Y7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	235.0000	236.0000	237.0000	238.0000	239.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	8.316	8.316	8.316	8.316	8.316
T2	484.74	484.74	484.74	484.74	484.74
PWSD	6664.5	6205.9	4849.5	3568.9	2524.2
EPWSD	7641.0	7006.6	5143.0	3582.0	2370.8
SFC	0.3638	0.3627	0.3664	0.3744	0.3919
ESFC	0.3173	0.3212	0.3455	0.3730	0.4173
WFT	2424.4	2250.7	1777.1	1336.1	989.3
FN	528.38	433.22	158.76	7.10	-82.98
W1	32.513	30.937	25.542	21.681	18.491
XNL	11827.	11827.	11235.	9662.	8255.
PB3	202.57	190.91	151.46	123.22	100.40
TB3	1353.2	1329.7	1242.3	1167.1	1099.9
P8	8.067	7.770	6.915	6.432	6.115
T8	1373.0	1351.7	1273.7	1196.4	1123.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	240.0000	241.0000	242.0000	243.0000	244.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	4.873	4.873	4.873	4.873	4.873
T2	424.91	424.91	424.91	424.91	424.91
PWSD	4375.9	4375.7	3328.8	2437.7	1705.0
EPWSD	4873.6	4873.3	3606.8	2596.1	1783.7
SFC	0.3901	0.3901	0.4033	0.4164	0.4414
ESFC	0.3503	0.3503	0.3722	0.3910	0.4219
WFT	1707.2	1707.1	1342.5	1015.0	752.6
FN	550.16	550.04	307.23	175.08	87.00
W1	22.712	22.712	18.430	15.664	13.258
XNL	11780.	11780.	11780.	10329.	8832.
PB3	140.21	140.21	109.58	89.26	72.18
TB3	1278.0	1278.0	1183.3	1106.9	1036.1
P8	5.929	5.929	5.330	5.014	4.798
T8	1361.7	1361.7	1297.5	1219.9	1146.9

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	245.0000	246.0000	247.0000	248.0000	249.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	5.178	5.178	5.178	5.178	5.178
Y2	432.35	432.35	432.35	432.35	432.35
PASD	4709.0	4626.4	3497.3	2566.8	1805.3
EPWSD	5326.4	5231.0	3808.8	2727.0	1868.0
SFC	0.3843	0.3845	0.3956	0.4066	0.4288
ESFC	0.3398	0.3401	0.3632	0.3827	0.4144
WFT	1809.8	1778.8	1383.4	1043.5	774.1
FN	545.93	534.67	275.49	141.73	55.47
W1	23.816	23.747	19.103	16.209	13.744
XL	11827.	11827.	11799.	10255.	8762.
PB3	147.79	146.65	113.54	92.32	74.80
TB3	1294.8	1288.7	1191.1	1115.1	1044.7
P8	6.102	6.077	5.397	5.056	4.827
T8	1370.5	1358.5	1290.7	1212.1	1138.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	250.0000	251.0000	252.0000	253.0000	254.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	5.568	5.568	5.568	5.568	5.568
T2	441.45	441.45	441.45	441.45	441.45
PWSD	5081.0	4840.6	3713.1	2722.2	1927.5
EPWSD	5822.6	5520.5	4046.9	2869.1	1958.3
SFC	0.3783	0.3780	0.3860	0.3957	0.4149
ESFC	0.3301	0.3315	0.3542	0.3754	0.4084
WFT	1922.0	1829.8	1433.4	1077.1	799.7
FN	546.51	501.03	246.01	108.21	22.70
W1	25.066	24.550	19.936	16.862	14.331
XNL	11827.	11827.	11711.	10152.	8665.
PB3	156.24	151.64	118.45	96.04	77.97
TB3	1311.7	1295.6	1200.7	1124.8	1054.8
P8	6.312	6.191	5.484	5.108	4.862
T8	1378.6	1353.7	1282.0	1203.5	1129.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	255.0000	256.0000	257.0000	258.0000	259.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.055	6.055	6.055	6.055	6.055
T2	452.20	452.20	452.20	452.20	452.20
PWSD	5416.6	5098.4	3973.3	2913.3	2069.0
EPWSD	6274.6	5848.6	4319.4	3032.1	2054.5
SFC	0.3720	0.3711	0.3758	0.3838	0.4009
ESFC	0.3211	0.3235	0.3457	0.3687	0.4038
WFT	2014.9	1892.2	1493.3	1118.1	829.5
FN	541.97	473.88	218.63	75.06	-9.14
W1	26.500	25.541	20.946	17.667	15.026
XNL	11827.	11827.	11621.	10043.	8553.
PB3	165.19	157.73	124.40	100.58	81.73
TB3	1324.3	1304.0	1211.8	1136.2	1066.7
P8	6.540	6.343	5.594	5.174	4.913
T8	1372.1	1348.9	1272.5	1193.8	1120.1

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	260.0000	261.0000	262.0000	263.0000	264.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.340	6.340	6.340	6.340	6.340
T2	458.20	458.20	458.20	458.20	458.20
PWSD	5606.1	5245.7	4114.3	3022.3	2151.6
EPWSD	6527.9	6028.4	4462.3	3121.6	2105.6
SFC	0.3689	0.3674	0.3707	0.3777	0.3934
ESFC	0.3168	0.3197	0.3418	0.3657	0.4020
WFT	2067.9	1927.5	1525.4	1141.4	846.5
FN	543.41	461.39	205.14	58.53	-27.10
W1	27.320	26.098	21.496	18.130	15.427
XNL	11827.	11827.	11572.	9986.	8501.
PB3	170.28	161.16	127.64	103.19	83.89
TB3	1331.1	1308.4	1218.0	1142.5	1073.3
P8	6.679	6.430	5.657	5.214	4.938
T8	1369.0	1346.4	1267.8	1188.8	1114.8

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	265.0000	266.0000	267.0000	268.0000	269.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.655	6.655	6.655	6.655	6.655
T2	464.61	464.61	464.61	464.61	464.61
PWSD	5807.8	5414.4	4255.7	3137.6	2239.5
EPWSD	6797.5	6234.0	4598.5	3213.4	2158.0
SFC	0.3658	0.3638	0.3655	0.3716	0.3860
ESFC	0.3126	0.3160	0.3383	0.3628	0.4006
WFT	2124.6	1969.7	1555.6	1165.9	864.4
FN	546.95	452.97	189.45	41.95	-45.04
W1	28.204	26.770	22.025	18.618	15.859
XNL	11827.	11827.	11493.	9922.	8444.
PB3	175.75	165.26	130.75	105.95	86.22
TB3	1338.3	1313.9	1224.2	1148.0	1080.5
P8	6.833	6.536	5.718	5.258	4.967
T8	1366.2	1343.6	1263.3	1183.9	1109.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	270.0000	271.0000	272.0000	273.0000	274.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.103	4.103	4.103	4.103	4.103
T2	413.62	413.62	413.62	413.62	413.62
PWSD	3740.1	3739.9	2991.7	2226.7	1573.5
EPWSD	4232.6	4233.0	3273.6	2383.2	1642.7
SFC	0.3844	0.3845	0.3924	0.4024	0.4237
ESFC	0.3397	0.3397	0.3586	0.3759	0.4058
WFT	1437.9	1438.0	1174.0	895.9	666.6
FN	445.38	445.82	254.90	141.52	62.59
W1	19.354	19.354	15.960	13.699	11.613
XNL	11622.	11622.	11622.	10417.	8953.
PB3	118.77	118.78	95.04	78.18	63.31
TB3	1252.5	1252.6	1171.0	1095.9	1025.3
P8	4.865	4.867	4.364	4.077	3.872
T8	1331.4	1331.6	1280.5	1201.1	1127.4

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	275.0000	276.0000	277.0000	278.0000	279.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.5000	0.5000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
W93G	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.103	4.103	4.412	4.412	4.412
T2	413.62	413.62	422.32	422.32	422.32
PWSD	3740.1	3739.9	3162.6	2365.2	1684.2
EPWSD	4232.6	4233.0	3472.3	2519.4	1734.2
SFC	0.3844	0.3845	0.3849	0.3917	0.4099
ESFC	0.3397	0.3397	0.3506	0.3677	0.3981
WFT	1437.9	1438.0	1217.4	926.5	690.4
FN	445.38	445.82	233.32	116.13	37.73
W1	19.354	19.354	16.656	14.273	12.143
XNL	11622.	11622.	11744.	10329.	8885.
PB3	118.77	118.78	99.15	81.42	66.18
TB3	1252.5	1252.6	1179.8	1105.5	1035.8
P8	4.865	4.867	4.440	4.126	3.907
T8	1331.4	1331.6	1274.1	1192.0	1117.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	280.0000	231.0000	282.0000	283.0000	284.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.798	4.798	4.798	4.798	4.798
T2	432.60	432.60	432.60	432.60	432.60
PWSD	4510.8	4408.0	3388.8	2526.3	1810.7
EPWSD	5269.5	5140.4	3725.2	2667.2	1828.8
SFC	0.3736	0.3732	0.3758	0.3809	0.3959
ESFC	0.3198	0.3200	0.3418	0.3608	0.3920
WFT	1685.3	1645.1	1273.4	962.2	716.9
FN	489.98	473.01	217.24	91.02	11.71
W1	22.042	21.953	17.572	14.954	12.744
XNL	11827.	11827.	11728.	10219.	8773.
PB3	137.13	135.73	104.55	85.25	69.43
TB3	1298.2	1289.9	1191.3	1116.4	1047.2
P8	5.349	5.306	4.548	4.187	3.949
T8	1359.0	1341.3	1265.1	1183.0	1107.6

** IF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	285.0000	286.0000	287.0000	288.0000	289.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
MB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	5.023	5.023	5.023	5.023	5.023
T2	438.33	438.33	438.33	438.33	438.33
PWSD	4720.8	4558.7	3515.4	2615.2	1882.8
EPWSD	5554.7	5348.1	3862.4	2744.8	1880.0
SFC	0.3710	0.3703	0.3708	0.3753	0.3886
ESFC	0.3153	0.3156	0.3375	0.3576	0.3892
WFT	1751.6	1687.9	1303.6	981.6	731.7
FN	502.64	475.83	209.22	78.13	-1.66
W1	22.767	22.631	18.075	15.328	13.085
XNL	11827.	11827.	11684.	10152.	8712.
PB3	142.04	139.89	107.51	87.40	71.27
TB3	1308.7	1296.4	1197.7	1122.4	1053.5
P8	5.493	5.423	4.609	4.221	3.973
T8	1365.9	1338.6	1260.3	1178.3	1102.3

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	290.0000	291.0000	292.0000	293.0000	294.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
MB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	5.273	5.273	5.273	5.273	5.273
T2	444.47	444.47	444.47	444.47	444.47
PWSD	4886.0	4613.5	3650.7	2711.8	1959.1
EPWSD	5786.3	5398.5	4007.1	2827.5	1931.9
SFC	0.3683	0.3664	0.3658	0.3697	0.3814
ESFC	0.3110	0.3131	0.3333	0.3546	0.3868
WFT	1799.7	1690.5	1335.5	1002.6	747.2
FN	508.72	443.58	201.41	65.35	-15.38
W1	23.509	22.656	18.610	15.737	13.445
XNL	11827.	11827.	11630.	10084.	8640.
PB3	146.68	140.05	110.66	89.71	73.22
TB3	1315.8	1295.8	1204.3	1128.7	1060.2
P8	5.629	5.428	4.675	4.259	4.000
T8	1363.6	1338.6	1255.4	1173.6	1097.0

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	295.0000	296.0000	297.0000	298.0000	299.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.227	3.227	3.227	3.227	3.227
T2	409.54	409.54	409.54	409.54	409.54
PWSD	3001.0	3000.6	2284.0	1707.7	1199.9
EPWSD	3397.9	3397.3	2491.4	1824.6	1250.6
SFC	0.3868	0.3868	0.3969	0.4083	0.4334
ESFC	0.3416	0.3416	0.3639	0.3822	0.4158
WPT	1160.7	1160.5	906.5	697.3	520.0
PN	360.65	360.47	188.48	106.22	46.04
W1	15.263	15.263	12.201	10.556	8.928
XL	11565.	11565.	11456.	10132.	8656.
PB3	94.43	94.43	72.87	60.43	48.80
TB3	1253.3	1253.3	1158.9	1086.4	1014.2
P8	3.848	3.847	3.396	3.190	3.032
T8	1347.7	1347.5	1288.3	1207.9	1136.6

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	300.0000	301.0000	302.0000	303.0000	304.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.470	3.470	3.470	3.470	3.470
T2	418.15	418.15	418.15	418.15	418.15
PWSD	3285.5	3241.9	2439.8	1814.3	1293.8
EPWSD	3780.1	3728.2	2670.4	1929.0	1331.0
SFC	0.3809	0.3809	0.3875	0.3976	0.4182
ESFC	0.3311	0.3312	0.3541	0.3740	0.4065
WFT	1251.5	1234.9	945.5	721.4	541.1
FN	374.56	368.25	174.66	86.88	28.23
W1	16.252	16.215	12.819	11.005	9.395
XNL	11686.	11686.	11442.	10051.	8645.
PB3	101.17	100.58	76.54	62.97	51.34
TB3	1274.6	1270.0	1169.1	1095.8	1026.5
P8	4.017	4.002	3.462	3.227	3.064
T8	1358.4	1348.9	1278.7	1199.1	1124.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	305.0000	306.0000	307.0000	308.0000	309.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
HB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.774	3.774	3.774	3.774	3.774
T2	428.33	428.33	428.33	428.33	428.33
PWSD	3552.0	3259.2	2620.4	1941.0	1396.8
EPWSD	4136.7	3733.7	2869.9	2045.3	1410.3
SFC	0.3756	0.3745	0.3777	0.3862	0.4034
ESFC	0.3225	0.3269	0.3449	0.3665	0.3995
WFT	1334.0	1220.5	989.8	749.7	563.4
FN	379.53	307.97	161.98	67.68	8.73
W1	17.096	15.964	13.533	11.539	9.897
XNL	11827.	11827.	11391.	9950.	8569.
PB3	107.02	99.04	80.76	66.00	54.07
TB3	1291.8	1264.2	1180.8	1106.7	1038.9
P8	4.177	3.962	3.544	3.274	3.098
T8	1371.4	1351.4	1268.7	1189.7	1113.7

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	310.0000	311.0000	312.0000	313.0000	314.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.951	3.951	3.951	3.951	3.951
T2	434.01	434.01	434.01	434.01	434.01
PWSD	3653.1	3367.6	2724.3	2012.7	1451.5
EPWSD	4272.6	3871.6	2982.4	2108.7	1448.9
SFC	0.3725	0.3710	0.3726	0.3803	0.3962
ESFC	0.3184	0.3227	0.3404	0.3630	0.3969
WFT	1360.6	1249.2	1015.2	765.5	575.1
FN	375.28	305.35	156.35	58.12	-1.56
W1	17.492	16.405	13.944	11.841	10.162
XNL	11827.	11827.	11380.	9894.	8507.
PB3	109.47	101.75	83.17	67.72	55.51
TB3	1296.5	1270.0	1187.3	1112.7	1045.1
P8	4.246	4.030	3.592	3.302	3.117
T8	1369.2	1348.1	1263.5	1184.8	1108.8

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	320.0000	321.0000	322.0000	323.0000	324.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.538	2.538	2.538	2.538	2.538
T2	409.54	409.54	409.54	409.54	409.54
PWSD	1977.0	1977.0	1699.7	1242.4	864.3
EPWSD	2190.3	2190.3	1845.3	1319.9	896.5
SFC	0.3975	0.3974	0.4038	0.4208	0.4541
ESFC	0.3587	0.3587	0.3719	0.3961	0.4378
HFT	785.7	785.7	686.3	522.8	392.5
FN	193.84	193.84	132.30	70.41	29.27
W1	10.154	10.154	9.144	7.802	6.609
XNL	11565.	11565.	10993.	9605.	8163.
PB3	62.89	62.89	54.76	44.78	36.22
TB3	1211.3	1211.3	1148.3	1073.2	1001.4
P8	2.779	2.779	2.626	2.469	2.361
T8	1373.3	1373.3	1301.1	1226.4	1157.9

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	325.0000	326.0000	327.0000	328.0000	329.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.729	2.729	2.729	2.729	2.729
T2	418.15	418.15	418.15	418.15	418.15
PWSD	2179.7	2177.3	1820.4	1325.8	930.7
EPWSD	2441.8	2439.7	1981.4	1400.2	951.0
SFC	0.3884	0.3886	0.3938	0.4090	0.4382
ESFC	0.3468	0.3468	0.3618	0.3872	0.4289
WFT	846.7	846.2	716.8	542.2	407.9
PN	198.46	198.73	121.92	56.34	15.34
W1	10.883	10.881	9.633	8.165	6.946
XNL	11686.	11686.	11010.	9542.	8126.
PB3	67.71	67.69	57.68	46.85	38.06
TB3	1232.8	1232.6	1160.2	1083.7	1013.3
P8	2.876	2.878	2.676	2.498	2.382
T8	1373.9	1373.8	1290.2	1216.5	1146.6

** TF34/T7 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	315.0000	316.0000	317.0000	318.0000	319.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	4.147	4.147	4.147	4.147	4.147
T2	440.08	440.08	440.08	440.08	440.08
PWSD	3766.2	3479.6	2834.0	2090.5	1509.4
EPWSD	4424.8	4014.2	3100.5	2176.0	1488.0
SFC	0.3695	0.3675	0.3676	0.3743	0.3891
ESFC	0.3145	0.3186	0.3360	0.3596	0.3946
WFT	1391.4	1278.8	1041.8	782.5	587.2
FN	374.03	303.60	151.36	48.56	-12.14
W1	17.956	16.860	14.383	12.169	10.443
XNL	11827.	11827.	11363.	9835.	8446.
PB3	112.34	104.56	85.78	69.57	57.03
TB3	1302.0	1275.7	1194.2	1119.1	1051.7
P8	4.330	4.107	3.647	3.332	3.138
T8	1367.1	1345.2	1258.3	1179.7	1103.8

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	330.0000	331.0000	332.0000	333.0000	334.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.968	2.968	2.968	2.968	2.968
T2	428.33	428.33	428.33	428.33	428.33
PWSD	2451.5	2343.8	1968.0	1429.5	1010.1
EPWSD	2781.4	2644.1	2142.6	1495.4	1011.4
SFC	0.3803	0.3806	0.3830	0.3962	0.4216
ESFC	0.3352	0.3374	0.3518	0.3788	0.4211
WFT	932.3	892.1	753.7	566.4	425.9
FN	214.16	194.91	113.32	42.79	0.85
W1	11.782	11.506	10.233	8.616	7.345
XNL	11827.	11827.	11037.	9497.	8087.
PB3	73.88	71.65	61.25	49.43	40.24
TB3	1259.2	1245.6	1174.0	1096.4	1026.9
P8	3.018	2.965	2.741	2.536	2.408
T8	1386.4	1369.2	1278.2	1205.1	1134.3

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	335.0000	336.0000	337.0000	338.0000	339.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.107	3.107	3.107	3.107	3.107
T2	434.01	434.01	434.01	434.01	434.01
PW8D	2584.1	2440.0	2047.5	1490.9	1056.6
EPWSD	2949.5	2762.0	2227.3	1550.2	1045.5
SPC	0.3763	0.3763	0.3776	0.3894	0.4128
ESFC	0.3296	0.3324	0.3471	0.3745	0.4172
WFT	972.3	918.1	773.2	580.5	436.1
FN	221.34	195.06	108.90	35.90	-6.75
W1	12.261	11.895	10.551	8.882	7.577
XNL	11827.	11827.	11032.	9484.	8080.
PB3	77.04	74.05	63.14	50.94	41.50
TB3	1270.2	1252.5	1181.0	1103.6	1034.6
P8	3.096	3.020	2.777	2.558	2.423
T8	1387.5	1364.1	1272.5	1198.6	1127.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	340.0000	341.0000	342.0000	343.0000	344.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.261	3.261	3.261	3.261	3.261
T2	440.08	440.08	440.08	440.08	440.08
PWSD	2689.7	2541.2	2124.6	1556.1	1107.3
CPWSD	3083.0	2885.2	2306.6	1608.2	1082.2
S/C	0.3723	0.3719	0.3725	0.3827	0.4039
ESFC	0.3248	0.3276	0.3431	0.3703	0.4133
WPT	1001.4	945.1	791.3	595.6	447.2
PN	223.37	195.42	103.35	29.58	-14.24
W1	12.686	12.302	10.850	9.169	7.830
XNL	11827.	11827.	10989.	9464.	8072.
PB3	79.69	76.56	64.91	52.58	42.88
TB3	1277.3	1259.5	1187.4	1111.1	1042.7
P8	3.163	3.080	2.812	2.585	2.442
T8	1383.0	1359.3	1267.6	1192.4	1120.5

** TF34/T7 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE 345.0000

ALT	0.
XM	0.
ERAM1	1.0000
WB30	0.
PAMB	14.696
TAMB	549.47
P2	14.696
T2	549.47
PWS0	7596.4
EPWS0	8037.3
SFC	0.4450
ESFC	0.4206
WFT	3380.3
FN	1102.20
W1	43.997
XNL	12173.
PB3	278.28
TB3	1407.9
P8	16.639
T8	1557.1

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