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DEPARTMENT OF THE AIR FORCE

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1992/1993
BIENNIAL BUDGET ESTIMATES
SUBMITTED TO CONGRESS FEBRUARY 1991



Operation and Maintenance, Air Force
Volume II

DEFENSE TECHNICAL INFORMATION CENTER



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OPERATION AND MAINTENANCE, AIR FORCE JUSTIFICATION BOOK
VOLUME II - DATA BOOK FOR FY 1992/1993

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OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES

FY 1991
(\$ in Thousands)

	FY90 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 91 PROGRAM
APPN 30 OPERATION AND MAINTENANCE - AF						
CIVILIAN PERSONNEL COMPENSATION						
101 EXECUTIVE GENERAL AND SPECIAL SCHEDULES	3564366	0	4.68%	166812	-495698	3235480
103 WAGE BOARD	984583	0	4.60%	45291	-269015	760859
104 FOREIGN NATIONAL DIRECT HIRE (FNDH)	93204	0	4.10%	3821	-36975	60050
105 SEPARATION LIABILITY (FNDH)	5353	0	4.10%	219	-1437	4135
106 BENEFITS TO FORMER EMPLOYEES	0	0	0.00%	0	0	0
110 UNEMPLOYMENT COMP	12184	0	0.00%	0	-68	12116
111 DISABILITY COMP	73259	0	0.00%	0	-1784	71475
199 ** TOTAL CIVILIAN PERSONNEL COMPENSATION **	4732949	0	4.57%	216144	-804978	4144115
TRAVEL						
301 PER DIEM	361636	0	0.00%	0	-141373	220263
302 OTHER TRAVEL COSTS	218282	0	4.20%	9168	-67228	160222
303 MAC PASSENGER	37476	0	20.40%	7645	-24802	20319
307 LEASED VEHICLES	23112	0	4.20%	971	-6361	17722
399 **TOTAL TRAVEL **	640506	0	2.78%	17784	-239764	418526
STOCK FUND PURCHASES SUPPLIES/MATERIALS						
401 DFSC FUEL	1502325	0	87.43%	1313514	-177108	2638731
402 SERVICE STOCK FUND FUEL	9680	0	87.40%	8460	-2734	15406
403 FY91 FUEL PRICE INCRSE OFFSET	0	0	0.00%	-1044297	0	-1044297
411 ARMY MANAGED SUPPLIES/MATERIALS	29710	0	7.60%	2258	-4632	27336
412 NAVY MANAGED SUPPLIES/MATERIALS	19790	0	14.90%	2949	-4522	18217
414 AIR FORCE MANAGED SUPPLIES/MATERIALS	310651	0	7.80%	24231	66380	401262
415 DLA MANAGED SUPPLIES/MATERIALS	572040	0	22.50%	128709	-173444	527305
416 GSA MANAGED SUPPLIES/MATERIALS	108990	0	4.20%	4578	-13268	100300
417 LOCALLY PROCURED STOCK FUND SUPPL/MAT	696044	0	4.20%	29234	-26361	698917
499 ** TOTAL STOCK FUND SUPPLIES/MATERIALS **	3249230	0	14.45%	469635	-335688	3383177
STOCK FUND PURCHASES EQUIPMENT						
502 ARMY STOCK FUND EQUIPMENT	5592	0	7.60%	425	-1481	4536
503 NAVY STOCK FUND EQUIPMENT	3709	0	14.90%	553	-1246	3016
505 LOCALLY PROCURED STOCK FUND EQUIPMENT	107773	0	7.80%	8406	-15417	100762
506 DLA STOCK FUND EQUIPMENT	90726	0	22.50%	20413	-27485	83654
507 GSA STOCK FUND EQUIPMENT	20562	0	4.20%	864	-4780	16646
599 ** TOTAL STOCK FUND EQUIPMENT **	228362	0	13.43%	30661	-50409	208614

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES
FY 1991
(\$ in Thousands)

	FY90 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 91 PROGRAM
INDUSTRIAL FUND PURCHASES (EX. TRAN SP)						
651 TRAINING	370043	0	25.10%	92881	-136077	326847
652 OPERATION & MEDICAL SUPPORT	13249	0	28.30%	3749	3655	20653
653 OTHER MAC PURCHASES	32736	0	4.20%	1375	5550	39661
661 DEPOT MAINTENANCE - ORGANIC	1548799	0	4.20%	65050	-378711	1235138
662 DEPOT MAINTENANCE - CONTRACT (AF)	834220	0	4.20%	35037	-254722	614535
663 LAUNDRY & DRY CLEANING (IF)	65461	0	-0.50%	-327	-61843	3291
666 AEROSPACE MAINT & REGEN CTR(AFARC)	13508	0	4.20%	567	8081	22156
671 COMMUNICATION SERVICES(DEFENSE)	438242	0	2.80%	12271	-24741	425772
691 IF PASS THROUGH	0	0	0.00%	0	0	0
699 ** TOTAL AF INDUSTRIAL FUND PURCHASES **	3316258	0	6.35%	210603	-838808	2688053
TRANSPORTATION						
701 MAC CARGO (IF)	126125	0	34.00%	42883	-44233	124775
702 MAC SAAM (IF)	64970	0	27.90%	18127	15782	98879
711 MSC CARGO (IF)	142184	0	-2.00%	-2844	-55470	83870
713 DBOF RATE OFFSET	0	0	0.00%	-127011	0	-127011
721 MTMC (PORT HANDLING-IF)	33315	0	0.50%	167	-15450	18032
731 COMMERCIAL AIR	94979	0	4.20%	3989	-17996	80972
751 COMMERCIAL LAND	104112	0	4.20%	4373	-32519	75966
761 OTHER TRANSPORTATION	73469	0	4.20%	3086	-23525	53030
799 ** TOTAL TRANSPORTATION **	639154	0	-8.95%	-57231	-173410	408513
OTHER PURCHASES						
901 FOREIGN NATIONAL INDIRECT HIRE (FNIDH)	230764	0	4.10%	9461	-23400	216825
902 SEPARATION LIABILITY (FNIH)	1775	0	4.10%	73	4408	6256
912 RENTAL PAYMENTS TO GSA (SLUC)	24771	0	4.20%	1040	-192	25619
913 PURCHASED UTILITIES (NON-IF)	468295	0	4.20%	19668	5046	493009
914 PURCHASED COMMUNICATIONS (NON-IF)	119932	0	4.20%	5037	24739	149708
915 RENTS (NON-GSA)	77129	0	4.20%	3239	16780	97148
917 POSTAL SERVICES (U.S.P.S.)	39550	0	0.00%	0	3505	43055
920 SUPPLIES & MATERIALS (NON-SF)	318469	0	4.20%	13376	-54564	277281

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES
FY 1991
(\$ in Thousands)

	FY90 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 91 PROGRAM
921 PRINTING & REPRODUCTION	43880	0	4.20%	1843	-17619	28104
922 EQUIPMENT MAINTENANCE BY CONTRACT	751035	0	4.20%	31543	-68751	713827
923 FACILITY MAINTENANCE BY CONTRACT	928160	0	4.20%	38983	-334069	633074
925 EQUIPMENT (NON-SF)	130964	0	4.20%	5500	-96062	40402
926 OTHER OVERSEAS PURCHASES	132776	0	22.70%	30140	87546	250462
927 AIR DEFENSE CONTRACTS & SPACE SUPPORT (AF)	0	0	4.20%	0	13289	13289
930 OTHER DEPOT MAINT (NON-IF)	957507	0	4.20%	40215	-209053	788669
931 CONTRACT CONSULTANTS	406	0	4.20%	17	-423	0
932 CONTRACT STUDIES & ANALYSIS	23567	0	4.20%	990	-17794	6763
933 CONTRACT PROFESSIONAL & MGMT SVC	136799	0	4.20%	5746	-139846	2699
934 CONTRACT ENG TECH+SVC	25495	0	4.20%	1071	-7992	18574
985 DOD COUNTER-DRUG ACTIVITIES (offset)	0	0	0.00%	0	-18400	-18400
989 OTHER CONTRACTS	3785399	0	4.20%	158986	380836	4325221
991 FOREIGN CURRENCY VARIANCE	80599	-80599	0.00%	0	0	0
998 OTHER COSTS	1370528	0	7.20%	98678	24301	1493507
999 ** TOTAL OTHER PURCHASES **	9647800	-80599	4.83%	465607	-427716	9605092
9999 *** TOTAL O&M PROGRAM ***	22454259	-80599	6.03%	1353203	-2870773	20856090

OPERATION AND MAINTENANCE-AIR FORCE
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FY 1992
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	FY91 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 92 PROGRAM
APPN 30 OPERATION AND MAINTENANCE - AF						
CIVILIAN PERSONNEL COMPENSATION						
101 EXECUTIVE GENERAL AND SPECIAL SCHEDULES	3235480	0	5.26%	170186	-214017	3191649
103 WAGE BOARD	760859	0	5.23%	39793	-90656	709996
104 FOREIGN NATIONAL DIRECT HIRE (FNDH)	60050	-1072	4.20%	2477	-2213	59242
105 SEPARATION LIABILITY (FNDH)	4135	0	4.20%	174	101	4410
106 BENEFITS TO FORMER EMPLOYEES	0	0	0.00%	0	259	259
110 UNEMPLOYMENT COMP	12116	0	0.00%	0	2119	14235
111 DISABILITY COMP	71475	0	0.00%	0	-378	71097
199 ** TOTAL CIVILIAN PERSONNEL COMPENSATION **	4144115	-1072	5.13%	212630	-304785	4050888
TRAVEL						
301 PER DIEM	220263	719	0.00%	0	-23431	197551
302 OTHER TRAVEL COSTS	160222	4	3.90%	6249	-19083	147392
303 MAC PASSENGER (DBOF)	20319	0	-6.90%	-1402	-3797	15120
307 LEASED VEHICLES	17722	413	3.90%	707	-2240	16602
399 **TOTAL TRAVEL **	418526	1136	1.33%	5554	-48551	376665
REVOLVING FUND PURCHASES SUP/MAT						
401 DFSC FUEL (DBOF)	2638731	0	-33.30%	-878697	-177328	1582706
402 SERVICE DBOF FUEL	15406	0	-33.30%	-5130	4000	14276
403 FY91 FUEL INCREASE OFFSET	-1044297	0	-100.00%	1044297	0	0
411 ARMY MANAGED SUP/MAT (DBOF)	27336	0	-1.90%	-519	-2386	24431
412 NAVY MANAGED SUP/MAT (DBOF)	18217	0	1.20%	219	-2156	16280
414 AIR FORCE MANAGED SUP/MAT (DBOF)	401262	0	-26.20%	-105131	635112	931243
415 DLA MANAGED SUP/MAT (DBOF)	527305	0	10.80%	56949	-109245	475009
416 GSA MANAGED SUPPLIES/MATERIALS	100300	87	3.90%	3915	-14600	89702
417 LOCALLY PROCURED DBOF SUPPL/MAT	698917	0	3.90%	27258	-94272	631903
499 ** TOTAL SUPPLIES/MATERIALS **	3383177	87	4.23%	143160	239126	3765550
REVOLVING FUND PURCHASES EQUIPMENT						
502 ARMY DBOF EQUIPMENT	4536	0	-1.90%	-86	146	4596
503 NAVY DBOF EQUIPMENT	3016	0	1.20%	36	5	3057
505 AIR FORCE DBOF EQUIPMENT	100762	0	-26.20%	-26400	20471	94833
506 DLA DBOF EQUIPMENT	83654	0	10.80%	9035	-13371	79318
507 GSA MANAGED EQUIPMENT	16646	0	3.90%	649	-325	16970
599 ** TOTAL EQUIPMENT **	208614	0	-8.04%	-16766	6926	198774

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FY 1992
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	FY91 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 92 PROGRAM
OTHER REVOLVING FUND PURCH (EX. TRAN)						
651 AIRLIFT SRV: ACTIVE TRNG/RELATED OPER	326847	0	-3.00%	-9805	-24430	292612
652 AIRLIFT SRV: RESERVE TRNG/RELATED OPERATION	20653	0	-4.30%	-888	-929	18836
653 AIRLIFT SRV: OTHER MAC PURCHASES	39661	0	3.90%	1547	1001548	1042756
661 DEPOT MAINTENANCE - ORGANIC	1235138	0	6.20%	76579	-585050	726667
662 DEPOT MAINTENANCE - CONTRACT (AF)	614535	0	4.10%	25196	-275349	364382
663 LAUNDRY & DRY CLEANING	3291	226	1.30%	46	27	3590
666 AEROSPACE MAINT & REGEN CTR(AMARC)	22156	0	6.20%	1374	-575	22955
671 COMMUNICATION SERVICES (DCA)	425772	853	1.20%	5120	-17410	414335
673 DEFENSE FINANCE/ACCT SERVICES	0	0	0.00%	0	133400	133400
699 ** TOTAL REVOLVING FUND PURCHASES **	2688053	1079	3.69%	99167	231234	3019533
TRANSPORTATION						
701 MAC CARGO (DBOF)	124775	0	-17.40%	-21711	-45804	57260
702 MAC SAAM (DBOF)	98879	0	-4.60%	-4548	-3193	91138
711 MSC CARGO (DBOF)	83870	0	6.50%	5452	-43145	46177
713 DBOF RATE OFFSET	-127011	0	-100.00%	127011	0	0
721 MTMC (PORT HANDLING-DBOF)	18032	936	10.60%	2011	-4524	16455
731 COMMERCIAL AIR	80972	1613	3.90%	3221	-12147	73659
751 COMMERCIAL LAND	75966	3382	3.90%	3095	-4984	77459
761 OTHER TRANSPORTATION	53030	10	3.90%	2069	-9409	45700
799 ** TOTAL TRANSPORTATION **	408513	5941	28.54%	116598	-123204	407848
OTHER PURCHASES						
901 FOREIGN NATIONAL INDIRECT HIRE (FNIDH)	216825	57701	4.20%	11530	-59157	226899
902 SEPARATION LIABILITY (FNIH)	6256	115	4.20%	268	1818	8457
912 RENTAL PAYMENTS TO GSA (SLUC)	25619	0	3.90%	999	-8995	17623
913 PURCHASED UTILITIES (NON-DBOF)	493009	15112	3.90%	19817	-62370	465568
914 PURCHASED COMMUNICATIONS (NON-DBOF)	149708	6993	3.90%	6111	-6138	156674
915 RENTS (NON-GSA)	97148	4597	3.90%	3968	-14232	91481
917 POSTAL SERVICES (U.S.P.S.)	43055	0	0.00%	0	-7669	35386
920 SUPPLIES & MATERIALS (NON-DBOF)	277281	3986	3.90%	10969	-14283	277953

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES
FY 1992
(\$ in Thousands)

	FY91 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 92 PROGRAM
921 PRINTING & REPRODUCTION	28104	338	3.90%	1109	-286	29265
922 EQUIPMENT MAINTENANCE BY CONTRACT	713827	11273	3.90%	28279	-95381	657998
923 FACILITY MAINTENANCE BY CONTRACT	633074	8114	3.90%	25006	-450026	216168
925 EQUIPMENT (NON-DBOF)	40402	0	3.90%	1576	-5251	36727
926 OTHER OVERSEAS PURCHASES	250462	0	34.70%	86910	-2358	335014
927 AIR DEFENSE CONTRACTS & SPACE SUPPORT (AF)	13289	0	3.90%	518	-961	12846
930 OTHER DEPOT MAINT (NON-DBOF)	788669	0	3.90%	30758	189455	1008882
932 CONTRACT STUDIES & ANALYSIS	6763	0	3.90%	264	1920	8947
933 CONTRACT PROFESSIONAL & MGMT SVC	2699	0	3.90%	105	-401	2403
934 CONTRACT ENG TECH+SVC	18574	0	3.90%	724	-2178	17120
985 DOD COUNTER-DRUG ACTIVITIES (offset)	-18400	0	0.00%	0	-37515	-55915
989 OTHER CONTRACTS	4325221	70857	3.92%	172326	-977274	3591130
998 OTHER COSTS	1493507	2924	6.32%	94574	-198989	1392016
999 ** TOTAL OTHER PURCHASES **	9605092	182010	5.16%	495813	-1750273	8532642
9999 *** TOTAL O&M PROGRAM ***	20856090	189181	5.1%	1056156	-1749527	20351900

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES

FY 1993
(\$ in Thousands)

	FY92 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 93 PROGRAM
APPN 30 OPERATION AND MAINTENANCE - AF						
CIVILIAN PERSONNEL COMPENSATION						
101 EXECUTIVE GENERAL AND SPECIAL SCHEDULES	3191649	0	5.58%	178094	-90706	3279037
103 WAGE BOARD	709996	0	5.15%	36565	-35130	711431
104 FOREIGN NATIONAL DIRECT HIRE (FNDH)	59242	0	4.70%	2784	-42853	19173
105 SEPARATION LIABILITY (FNDH)	4410	0	4.70%	207	-72	4545
106 BENEFITS TO FORMER EMPLOYEES	259	0	0.00%	0	18061	18320
110 UNEMPLOYMENT COMP	14235	0	0.00%	0	1191	15426
111 DISABILITY COMP	71097	0	0.00%	0	361	71458
199 ** TOTAL CIVILIAN PERSONNEL COMPENSATION **	4050888	0	5.37%	217650	-149148	4119390
TRAVEL						
301 PER DIEM	197551	0	0.00%	0	-7698	189853
302 OTHER TRAVEL COSTS	147392	0	3.70%	5454	-4093	148753
303 MAC PASSENGER (DBOF)	15120	0	2.80%	423	-696	14847
307 LEASED VEHICLES	16602	0	3.70%	614	-1663	15553
399 **TOTAL TRAVEL **	376665	0	1.72%	6491	-14150	369006
REVOLVING FUND PURCHASES SUP/MAT						
401 DFSC FUEL (DBOF)	1582706	0	2.84%	44949	-145313	1482342
402 SERVICE DBOF FUEL	14276	0	3.50%	500	-6247	8529
411 ARMY MANAGED SUP/MAT (DBOF)	24431	0	-6.00%	-1466	-3146	19819
412 NAVY MANAGED SUP/MAT (DBOF)	16280	0	8.70%	1416	-4494	13202
414 AIR FORCE MANAGED SUP/MAT (DBOF)	931243	0	20.80%	193699	659847	1784789
415 DLA MANAGED SUP/MAT (DBOF)	475009	0	-3.10%	-14725	-72288	387996
416 GSA MANAGED SUPPLIES/MATERIALS	89702	0	3.70%	3319	-20137	72884
417 LOCALLY PROCURED DBOF SUP/MAT	631903	0	3.70%	23380	-131600	523683
499 ** TOTAL SUPPLIES/MATERIALS **	3765550	0	6.67%	251072	276622	4293244
REVOLVING FUND PURCHASES EQUIPMENT						
502 ARMY DBOF FUND EQUIPMENT	4596	0	-6.00%	-276	-780	3540
503 NAVY DBOF EQUIPMENT	3057	0	8.70%	266	-981	2342
505 AIR FORCE DBOF EQUIPMENT	94833	0	20.80%	19725	-39460	75098
506 DLA DBOF EQUIPMENT	79318	0	-3.10%	-2459	-14221	62638
507 GSA MANAGED EQUIPMENT	16970	0	3.70%	628	-4500	13098
599 ** TOTAL EQUIPMENT **	198774	0	9.00%	17884	-59942	156716

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES
FY 1993
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	FY92 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 93 PROGRAM
OTHER REVOLVING FUND PURCH (EX. TRAN)						
651 AIRLIFT SERV: ACTIVE TRNG/RELATED OPEF.	292612	0	0.70%	2048	1657	296317
652 AIRLIFT SRV: RESERVE TRNG/RELATED OPERATION	18836	0	0.60%	113	-842	18107
653 AIRLIFT SKV: OTHER MAC PURCHASES	1042756	0	3.70%	38582	-52685	1028653
661 DEPOT MAINTENANCE - ORGANIC	726667	0	6.40%	46507	30398	803572
662 DEPOT MAINTENANCE - CONTRACT (AF)	364382	0	3.70%	13482	21509	399373
663 LAUNDRY & DRY CLEANING	3590	0	2.20%	79	-139	3530
666 AEROSPACE MAINT & REGEN CTR (AMARC)	22955	0	6.40%	1469	-1137	23287
671 COMMUNICATION SERVICES (DCA)	414335	0	3.50%	14502	-36300	392537
673 DEFENSE FINANCE/ACCT SERVICES	133400	0	3.70%	4936	6964	145300
699 ** TOTAL REVOLVING FUND PURCHASES **	3019533	0	4.03%	121718	-30575	3110676
TRANSPORTATION						
701 MAC CARGO (DBOF)	57260	0	5.30%	3035	-19316	40979
702 MAC SAAM (DBOF)	91138	0	0.50%	456	1521	93115
711 MSC CARGO (DBOF)	46177	0	4.30%	1986	555	48718
721 MTMC (PORT HANDLING-DBOF)	16455	0	-1.00%	-165	3978	20268
731 COMMERICAL AIR	73659	0	3.70%	2725	-6888	69496
751 COMMERICAL LAND	77459	0	3.70%	2866	3790	84115
761 OTHER TRANSPORTATION	45700	0	3.70%	1691	-2242	45149
799 ** TOTAL TRANSPORTATION **	407848	0	3.09%	12594	-18602	401840
OTHER PURCHASES						
901 FOREIGN NATIONAL INDIRECT HIRE (FNIDH)	226899	0	4.70%	10664	-161297	76266
902 SEPARATION LIABILITY (FNH)	8457	0	4.70%	397	-204	8650
912 RENTAL PAYMENTS TO GSA (SLUC)	17623	0	3.70%	652	-1974	16301
913 PURCHASED UTILITIES (NON-DBOF)	465568	0	3.70%	17226	-17976	464818
914 PURCHASED COMMUNICATIONS (NON-DBOF)	156674	0	3.70%	5797	-21035	141436
915 RENTS (NON-GSA)	91481	0	3.70%	3385	3428	98294
917 POSTAL SERVICES (U.S.P.S.)	35386	0	0.00%	0	-1648	33738
920 SUPPLIES & MATERIALS (NON-DBOF)	277953	0	3.70%	10284	-104279	183958

OPERATION AND MAINTENANCE-AIR FORCE
SUMMARY OF PRICE AND PROGRAM CHANGES

FY 1993
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	FY92 PROGRAM	FOR CUR IMPACT	PRICE CHANGE PERCENT	PRICE CHANGE IMPACT	PROGRAM CHANGE	FY 93 PROGRAM
921 PRINTING & REPRODUCTION	29265	0	3.70%	1083	-2327	28021
922 EQUIPMENT MAINTENANCE BY CONTRACT	657998	0	3.70%	24346	-60714	621630
923 FACILITY MAINTENANCE BY CONTRACT	216168	0	3.70%	7998	-49448	174718
925 EQUIPMENT (NON-DBOF)	36727	0	3.70%	1359	-5139	32947
926 OTHER OVERSEAS PURCHASES	335014	0	34.70%	116250	14415	465679
927 AIR DEFENSE CONTRACTS & SPACE SUPPORT (AF)	12846	0	3.70%	475	-839	12482
930 OTHER DEPOT MAINT (NON-DBOF)	100882	0	3.70%	37329	-102063	944148
932 CONTRACT STUDIES & ANALYSIS	8947	0	3.70%	331	-643	8635
933 CONTRACT PROFESSIONAL & MGMT SVC	2403	0	3.70%	89	-196	2296
934 CONTRACT ENG TECH+SVC	17120	0	3.70%	633	-4572	13181
985 DOD COUNTER-DRUG ACTIVITIES (offset)	-55915	0	0.00%	0	-6557	-62472
989 OTHER CONTRACTS	3591130	0	3.70%	132872	-207354	3516648
998 OTHER COSTS	1392016	0	5.20%	72385	63753	1528154
999 ** TOTAL OTHER PURCHASES **	8532642	0	5.20%	443555	-666669	8309528
9999 *** TOTAL O&M PROGRAM ***	20351900	0	5.3%	1070965	-662465	20760400

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1990

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation	
SUMMARY						
Direct Hire Civilians, United States:						
Classified and administrative Wage Board	150,390	151,784	4,644,452	893,120	5,537,572	36,483
Total United States	80,990	84,409	2,439,928	421,427	2,861,355	33,899
Direct Hire Foreign Nationals	231,380	236,193	7,084,380	1,314,547	8,398,927	35,560
Total Direct Hire	6,464	6,744	68,092	22,887	90,979	13,490
Disadvantaged Employment	237,844	242,937	7,152,472	1,337,434	8,489,906	34,947
Indirect Hire, Foreign Nationals	0	887	7,916	713	8,629	9,728
Foreign National Separation Liability Accrual	11,031	11,594	287,715	0	287,715	24,816
Benefits for Former Employees (O.C. 13)				8,177	8,177	0
Total Civilian Personnel Costs	248,875	255,418	7,448,103	12,722	12,722	0
				1,359,046	8,807,149	34,481

OPERATION AND MAINTENANCE, AIR FORCE

Direct Hire Civilians, United States:						
Classified and administrative Wage Board	111,866	115,380	3,413,055	665,857	4,078,912	35,352
Total United States	27,966	30,720	831,465	152,709	984,174	32,037
Direct Hire Foreign Nationals	139,832	146,100	4,244,520	818,566	5,063,086	34,655
Total Direct Hire	6,128	6,368	65,493	21,975	87,468	13,736
Disadvantaged Employment	145,960	152,468	4,310,013	840,541	5,150,554	33,781
Indirect Hire, Foreign Nationals	0	799	6,986	636	7,622	9,539
Foreign National Separation Liability Accrual	10,541	11,085	273,967	0	273,967	24,715
Benefits for Former Employees (O.C. 13)				7,515	7,515	0
Total Civilian Personnel Costs	156,501	164,352	4,590,966	12,158	12,158	0
				860,850	5,451,816	33,172

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1990

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars		
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation Average
OPERATION AND MAINTENANCE, AIR FORCE RESERVE					
Direct Hire Civilians, United States:					
Classified and administrative	7,384	7,397	210,338	44,885	255,223
Wage Board	6,745	6,820	205,084	43,523	248,607
Total United States	14,129	14,217	415,422	88,408	503,830
Direct Hire Foreign Nationals					34,504
Total Direct Hire	14,129	14,217	415,422	88,408	36,453
Disadvantaged Employment	0	70	764	64	35,439
Indirect Hire, Foreign Nationals					35,439
Foreign National Separation Liability Accrual					11,829
Benefits for Former Employees (O.C. 13)				196	0
Total Civilian Personnel Costs	14,129	14,287	416,186	88,668	35,337
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD					
Direct Hire Civilians, United States:					
Classified and administrative	9,924	9,835	286,933	58,949	345,882
Wage Board	16,034	15,890	474,282	100,637	574,919
Total United States	25,958	25,725	761,215	159,586	36,181
Direct Hire Foreign Nationals					35,794
Total Direct Hire	25,958	25,725	761,215	159,586	35,794
Disadvantaged Employment	0	10	80	6	35,794
Indirect Hire, Foreign Nationals					35,794
Foreign National Separation Liability Accrual					8,600
Benefits for Former Employees (O.C. 13)				368	0
Total Civilian Personnel Costs	25,958	25,735	761,295	159,960	35,798

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1990

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation	
INDUSTRIAL FUND						

Direct Hire Civilians, United States:						
Classified and administrative	11,672	11,124	362,376	56,611	418,987	37,665
Wage Board	28,183	29,378	867,856	112,606	980,462	33,374
Total United States	39,855	40,502	1,230,232	169,217	1,399,449	34,553
Direct Hire Foreign Nationals	335	376	2,599	912	3,511	9,338
Total Direct Hire	40,190	40,878	1,232,831	170,129	1,402,960	34,321
Disadvantaged Employment		8	86	7	93	11,625
Indirect Hire, Foreign Nationals	490	509	13,748	0	13,748	27,010
Foreign National Separation Liability Accrual				662	662	0
Benefits for Former Employees (O.C. 13)						
Total Civilian Personnel Costs	40,680	41,395	1,246,665	170,798	1,417,463	34,242

ROTRE

Direct Hire Civilians, United States:						
Classified and administrative	9,544	8,048	371,750	66,818	438,568	54,494
Wage Board	2,062	1,601	61,241	11,952	73,193	45,717
Total United States	11,606	9,649	432,991	78,770	511,761	53,038
Direct Hire Foreign Nationals	1					
Total Direct Hire	11,607	9,649	432,991	78,770	511,761	53,038
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)						
Total Civilian Personnel Costs	11,607	9,649	432,991	78,770	511,761	53,038

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1991

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation O.C. 11	Compensation O.C. 12	Total	
SUMMARY						
Direct Hire Civilians, United States:						
Classified and administrative	142,720	144,764	4,642,615	912,325	5,554,940	38,372
Wage Board	78,231	77,308	2,368,817	420,978	2,789,795	36,087
Total United States	220,951	222,072	7,011,432	1,333,303	8,344,735	37,577
Direct Hire Foreign Nationals	6,696	6,561	40,652	23,147	63,799	9,724
Total Direct Hire	227,647	228,633	7,052,084	1,356,450	8,408,534	36,777
Disadvantaged Employment						
Indirect Hire, Foreign Nationals	11,376	12,207	257,373	0	257,373	21,084
Foreign National Separation Liability Accrual				10,924	10,924	0
Benefits for Former Employees (O.C. 13)				13,145	13,145	0
Total Civilian Personnel Costs	239,023	240,840	7,309,457	1,380,519	8,689,976	36,082

OPERATION AND MAINTENANCE, AIR FORCE

Direct Hire Civilians, United States:						
Classified and administrative	105,137	108,545	3,352,063	668,528	4,020,591	37,041
Wage Board	26,285	27,136	765,904	144,390	910,294	33,546
Total United States	131,422	135,681	4,117,967	812,918	4,930,885	36,342
Direct Hire Foreign Nationals	6,304	6,174	37,874	22,176	60,050	9,726
Total Direct Hire	137,726	141,855	4,155,841	835,094	4,990,935	35,183
Disadvantaged Employment						
Indirect Hire, Foreign Nationals	10,837	11,645	241,524	0	241,524	20,741
Foreign National Separation Liability Accrual				10,197	10,197	0
Benefits for Former Employees (O.C. 13)				12,647	12,647	0
Total Civilian Personnel Costs	148,563	153,500	4,397,365	857,938	5,255,303	34,237

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1991

Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation	
		Compensation O.C. 11	Compensation O.C. 12	Total Compensation		
OPERATION AND MAINTENANCE, AIR FORCE RESERVE						
Direct Hire Civilians, United States:						
Classified and administrative Wage Board	7,575	7,420	220,077	48,172	268,249	36,152
Total United States	7,176	7,029	220,395	48,349	268,744	38,234
Direct Hire Foreign Nationals	14,751	14,449	440,472	96,521	536,993	37,165
Total Direct Hire		14,449	440,472	96,521	536,993	37,165
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)				104	104	0
Total Civilian Personnel Costs	14,751	14,449	440,472	96,625	537,097	37,172
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD						
Direct Hire Civilians, United States:						
Classified and administrative Wage Board	10,129	10,007	306,334	64,045	370,379	37,012
Total United States	16,365	16,168	503,245	112,028	615,273	38,055
Direct Hire Foreign Nationals	26,494	26,175	809,579	176,073	985,652	37,656
Total Direct Hire	26,494	26,175	809,579	176,073	985,652	37,656
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)				394	394	0
Total Civilian Personnel Costs	26,494	26,175	809,579	176,467	986,046	37,671

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1991

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars		
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation Average
INDUSTRIAL FUND					

Direct Hire Civilians, United States:					
Classified and administrative	10,554	10,095	346,572	53,786	400,358
Wage Board	26,329	25,039	802,275	100,682	902,957
Total United States	36,883	35,134	1,148,847	154,468	1,303,315
Direct Hire Foreign Nationals	392	387	2,778	971	3,749
Total Direct Hire	37,275	35,521	1,151,625	155,439	1,307,064
Disadvantaged Employment					
Indirect Hire, Foreign Nationals	539	562	15,849	0	15,849
Foreign National Separation Liability Accrual				727	727
Benefits for Former Employees (O.C. 13)					0
Total Civilian Personnel Costs	37,814	36,083	1,167,474	156,166	1,323,640
					36,683
RD1&E					

Direct Hire Civilians, United States:					
Classified and administrative	9,325	8,697	417,569	77,794	495,363
Wage Board	2,076	1,936	76,998	15,529	92,527
Total United States	11,401	10,633	494,567	93,323	587,890
Direct Hire Foreign Nationals					
Total Direct Hire	11,401	10,633	494,567	93,323	587,890
Disadvantaged Employment					
Indirect Hire, Foreign Nationals					
Foreign National Separation Liability Accrual					
Benefits for Former Employees (O.C. 13)					
Total Civilian Personnel Costs	11,401	10,633	494,567	93,323	587,890
					55,289

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1992

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars		
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation Average
SUMMARY					

Direct Hire Civilians, United States:					
Classified and administrative	132,917	133,158	4,519,026	909,656	5,428,682
Wage Board	74,305	72,808	2,266,287	454,200	2,720,487
Total United States	207,222	205,966	6,785,313	1,363,856	8,149,169
Direct Hire Foreign Nationals	6,043	6,260	66,717	21,585	88,302
Total Direct Hire	213,265	212,226	6,852,030	1,385,441	8,237,471
Disadvantaged Employment					
Indirect Hire, Foreign Nationals	9,632	10,123	313,430	0	313,430
Foreign National Separation Liability Accrual				13,529	13,529
Benefits for Former Employees (O.C. 13)				15,015	15,015
Total Civilian Personnel Costs	222,897	222,349	7,165,460	1,413,985	8,579,445
OPERATION AND MAINTENANCE, AIR FORCE					

Direct Hire Civilians, United States:					
Classified and administrative	82,498	83,502	2,728,752	560,047	3,288,799
Wage Board	20,624	22,196	662,400	128,914	791,314
Total United States	103,122	105,698	3,391,152	688,961	4,080,113
Direct Hire Foreign Nationals	5,655	5,835	64,365	20,766	85,131
Total Direct Hire	108,777	111,533	3,455,517	709,727	4,165,244
Disadvantaged Employment					
Indirect Hire, Foreign Nationals	9,093	9,559	296,960	0	296,960
Foreign National Separation Liability Accrual				12,867	12,867
Benefits for Former Employees (O.C. 13)				14,494	14,494
Total Civilian Personnel Costs	117,870	121,092	3,752,477	737,088	4,489,565
					31,066
					0
					0
					37,076

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1992

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation O.C. 11	Compensation O.C. 12	Total	
OPERATION AND MAINTENANCE, AIR FORCE RESERVE						
Direct Hire Civilians, United States:						
Classified and administrative Wage Board	7,938 7,174	7,706 6,951	239,433 227,916	52,972 50,607	292,405 278,523	37,945 40,069
Total United States	15,112	14,657	467,349	103,579	570,928	38,953
Direct Hire Foreign Nationals						
Total Direct Hire	15,112	14,657	467,349	103,579	570,928	38,953
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)				112	112	0
Total Civilian Personnel Costs	15,112	14,657	467,349	103,691	571,040	38,960

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Direct Hire Civilians, United States:						
Classified and administrative Wage Board	10,141 16,384	10,059 16,252	322,019 528,970	66,540 116,381	388,559 645,351	38,628 39,709
Total United States	26,525	26,311	850,989	182,921	1,033,910	39,296
Direct Hire Foreign Nationals						
Total Direct Hire	26,525	26,311	850,989	182,921	1,033,910	39,296
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)				409	409	0
Total Civilian Personnel Costs	26,525	26,311	850,989	183,330	1,034,319	39,311

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1992

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation		Total	
			O.C. 11	O.C. 12		
DEFENSE BUSINESS OPERATIONS FUND						

Direct Hire Civilians, United States:						
Classified and administrative	23,060	22,594	763,405	139,834	903,239	39,977
Wage Board	28,057	25,339	761,310	140,378	901,688	35,585
Total United States	51,117	47,933	1,524,715	280,212	1,804,927	37,655
Direct Hire Foreign Nationals	388	425	2,352	819	3,171	7,461
Total Direct Hire	51,505	48,358	1,527,067	281,031	1,808,098	37,390
Disadvantaged Employment						
Indirect Hire, Foreign Nationals	539	564	16,470	0	16,470	29,202
Foreign National Separation Liability Accrual				662	662	0
Benefits for Former Employees (O.C. 13)						
Total Civilian Personnel Costs	52,044	48,922	1,543,537	281,693	1,825,230	37,309
RDT&E						

Direct Hire Civilians, United States:						
Classified and administrative	9,280	9,297	465,417	90,263	555,680	59,770
Wage Board	2,066	2,070	85,691	17,920	103,611	50,054
Total United States	11,346	11,367	551,108	108,183	659,291	58,000
Direct Hire Foreign Nationals						
Total Direct Hire	11,346	11,367	551,108	108,183	659,291	58,000
Disadvantaged Employment						
Indirect Hire, Foreign Nationals						
Foreign National Separation Liability Accrual						
Benefits for Former Employees (O.C. 13)						
Total Civilian Personnel Costs	11,346	11,367	551,108	108,183	659,291	58,000

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1993

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars			Average Compensation
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation	
SUMMARY						
Direct Hire Civilians, United States:						
Classified and administrative Wage Board	130,709	134,306	4,629,928	968,306	5,598,234	41,683
Total United States	74,123	67,441	2,290,204	471,009	2,761,213	40,943
Direct Hire Foreign Nationals	204,832	201,747	6,920,132	1,439,315	8,359,447	41,435
Total Direct Hire	5,669	5,894	65,431	21,227	86,658	14,703
Disadvantaged Employment	210,501	207,641	6,985,563	1,460,542	8,446,105	40,676
Indirect Hire, Foreign Nationals		9,896	334,402	0	334,402	33,792
Foreign National Separation Liability Accrual	10,116			13,857	13,857	0
Benefits for Former Employees (O.C. 13)				18,870	18,870	0
Total Civilian Personnel Costs	220,617	217,537	7,319,965	1,493,269	8,813,234	40,514

OPERATION AND MAINTENANCE, AIR FORCE

Direct Hire Civilians, United States:						
Classified and administrative Wage Board	82,218	82,435	2,806,624	600,786	3,407,410	41,335
Total United States	20,555	20,512	636,834	127,523	764,357	37,264
Direct Hire Foreign Nationals	102,773	102,947	3,443,458	728,309	4,171,767	40,523
Total Direct Hire	5,281	5,469	62,926	20,377	83,303	15,232
Disadvantaged Employment	108,054	108,416	3,506,384	748,686	4,255,070	39,248
Indirect Hire, Foreign Nationals		9,332	317,316	0	317,316	34,003
Foreign National Separation Liability Accrual	9,577			13,195	13,195	0
Benefits for Former Employees (O.C. 13)				18,320	18,320	0
Total Civilian Personnel Costs	117,631	117,748	3,823,700	780,201	4,603,901	39,100

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1993

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars		
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation Average
OPERATION AND MAINTENANCE, AIR FORCE RESERVE					
Direct Hire Civilians, United States:					
Classified and administrative	8,197	7,969	261,692	58,086	319,778
Wage Board	7,385	7,180	245,125	55,414	300,539
Total United States	15,582	15,149	506,817	113,500	620,317
Direct Hire Foreign Nationals					40,948
Total Direct Hire	15,582	15,149	506,817	113,500	40,948
Disadvantaged Employment					
Indirect Hire, Foreign Nationals					
Foreign National Separation Liability Accrual					
Benefits for Former Employees (O.C. 13)				121	121
Total Civilian Personnel Costs	15,582	15,149	506,817	113,621	40,956
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD					
Direct Hire Civilians, United States:					
Classified and administrative	10,441	10,199	340,351	69,934	410,285
Wage Board	16,868	16,477	558,406	122,209	680,615
Total United States	27,309	26,676	898,757	192,143	40,894
Direct Hire Foreign Nationals					
Total Direct Hire	27,309	26,676	898,757	192,143	40,894
Disadvantaged Employment					
Indirect Hire, Foreign Nationals					
Foreign National Separation Liability Accrual					
Benefits for Former Employees (O.C. 13)				429	429
Total Civilian Personnel Costs	27,309	26,676	898,757	192,572	40,911

DEPARTMENT OF THE AIR FORCE
CIVILIAN PERSONNEL BUDGET CALCULATION
FY 1992/FY 1993 PRESIDENT'S BUDGET
FY 1993

	Full-Time Equivalent End Strength	Work Years	In thousands of dollars		
			Compensation O.C. 11	Compensation O.C. 12	Total Compensation
			Average Compensation		
DEFENSE BUSINESS OPERATIONS FUND					
Direct Hire Civilians, United States:					
Classified and administrative	20,873	24,581	749,162	143,639	892,801
Wage Board	27,317	21,242	762,945	147,191	910,136
Total United States	48,190	45,823	1,512,107	290,830	1,802,937
Direct Hire Foreign Nationals	388	425	2,505	850	3,355
Total Direct Hire	48,578	46,248	1,514,612	291,680	1,806,292
Disadvantaged Employment					
Indirect Hire, Foreign Nationals	539	564	17,086	0	17,086
Foreign National Separation Liability Accrual				662	662
Benefits for Former Employees (O.C. 13)					0
Total Civilian Personnel Costs	49,117	46,812	1,531,698	292,342	1,824,040
					38,965
RDTRF					
Direct Hire Civilians, United States:					
Classified and administrative	8,980	9,122	472,099	95,861	567,960
Wage Board	1,998	2,030	86,894	18,672	105,566
Total United States	10,978	11,152	558,993	114,533	673,526
Direct Hire Foreign Nationals					
Total Direct Hire	10,978	11,152	558,993	114,533	673,526
Disadvantaged Employment					
Indirect Hire, Foreign Nationals					
Foreign National Separation Liability Accrual					
Benefits for Former Employees (O.C. 13)					
Total Civilian Personnel Costs	10,978	11,152	558,993	114,533	673,526
					60,395

DEPARTMENT OF THE AIR FORCE
DEPOT MAINTENANCE

METHOD OF ACCOMPLISHMENT
(\$000)

	FY 1990 FINANCED			FY 1991 ESTIMATE		
	CONTRACT	ORGANIC	TOTAL	CONTRACT	ORGANIC	TOTAL
Air Force Total.....	\$1,318,886	\$1,563,193	\$2,882,079	\$1,106,079	\$1,255,925	\$2,362,004
Aircraft Maintenance:						
Aircraft.....	194,867	299,667	494,514	115,848	297,458	413,306
Engines.....	44,146	190,853	234,999	46,497	203,122	249,619
Exchangeables.....	476,564	854,941	1,331,505	307,254	506,989	813,243
Missile Maintenance:						
Missile Maintenance.....	54,756	34,085	88,841	40,663	34,152	74,815
Other Maintenance:						
Embedded Software.....	35,053	85,557	120,610	67,808	103,744	171,552
Other Major Equipment Items.....	27,475	43,553	71,028	35,493	42,265	77,758
Other.....	14,514	40,153	54,667	23,008	48,408	71,416
Area Base Mfg.....	[1,006]	[40,153]	[41,159]	[852]	[48,408]	[49,260]
Non S-F Exchangeables.....	[0]	[0]	[0]	[0]	[0]	[0]
Weapon Systems Storage.....	[13,508]	[0]	[13,508]	[22,156]	[0]	[22,156]
Non-Industrially Fund Activities:						
Interim Contractor Support..	300,809	0	300,809	283,652	0	283,652
Big Safari.....	170,712	0	170,712	185,856	0	185,856
Other Logistics Activities.....	0	14,394	14,394	0	20,787	20,787

[] Reflects non-add figures

DEPARTMENT OF THE AIR FORCE
DEPOT MAINTENANCE

METHOD OF ACCOMPLISHMENT
(\$000)

	FY 1992 ESTIMATE			FY 1993 ESTIMATE		
	CONTRACT	ORGANIC	TOTAL	CONTRACT	ORGANIC	TOTAL
Air Force Total.....	\$886,611	\$761,184	\$1,657,795	\$809,100	\$837,575	\$1,646,675
Aircraft Maintenance:						
Aircraft.....	155,346	274,579	429,925	203,488	327,548	531,036
Engines.....	47,556	191,860	239,406	62,726	231,782	294,508
Exchangeables.....	0	0	0	0	0	0
Missile Maintenance:						
Missile Maintenance.....	32,686	30,314	63,000	15,217	21,735	36,952
Other Maintenance:						
Embedded Software.....	72,291	105,563	177,854	65,092	99,197	164,289
Other Major Equipment Items.....	55,427	49,478	104,905	51,658	50,346	102,004
Other.....	833	97,624	98,457	992	96,000	96,992
Area Base Mfg.....	[833]	[46,495]	[47,328]	[992]	[47,196]	[48,188]
Non S-F Exchangeables.....	[0]	[28,174]	[28,174]	[0]	[25,517]	[25,517]
Weapon Systems Storage.....	[0]	[22,955]	[22,955]	[0]	[23,287]	[23,287]
Non-Industrially Fund Activities:						
Interim Contractor Support.....	341,841	0	341,841	251,528	0	251,528
Big Safari.....	190,631	0	190,631	158,399	0	158,399
Other Logistics Activities.....	0	11,776	11,776	0	10,967	10,967

[] Reflects non-add figures

DEPARTMENT OF THE AIR FORCE
DEPOT MAINTENANCE

(AIR FORCE - ACTIVE)
(\$ Millions)

	FY 1990 ACTUAL				FY 1991 ESTIMATE			
	FINANCED UNITS	FINANCED \$M	UNFINANCED UNITS	UNFINANCED \$M	FINANCED UNITS	FINANCED \$M	UNFINANCED UNITS	UNFINANCED \$M
Air Force.....	N/A	\$2,882.1	N/A	\$192.2	N/A	\$2,362.0	N/A	\$198.0*
Aircraft Maintenance:								
Aircraft.....	466	494.5	N/A	31.3	376	413.3	N/A	92.0
Engines.....	4,546	235.0	63	13.4	5,028	249.6	139	15.3
Aviation Exchangeables.....	N/A	1,331.5	N/A	147.5	N/A	813.2	N/A	0*
Missile Maintenance:								
Missiles.....	N/A	88.8	N/A	0	N/A	74.8	N/A	0
Other Maintenance:								
Embedded Software.....	N/A	120.6	N/A	0	N/A	171.6	N/A	7.3
Other Major Equipment Items	N/A	71.0	N/A	0	N/A	77.8	N/A	9.6
Other.....	N/A	54.7	N/A	0	N/A	71.4	N/A	0
Area Base Mfg.....	N/A	[41.2]	N/A	0	N/A	[49.3]	N/A	0
Non S-F Exchangeables...	N/A	0	N/A	0	N/A	0	N/A	0
Weapon Systems Storage..	N/A	[13.5]	N/A	0	N/A	[22.1]	N/A	0
Non-Industrially Fund Activities:								
Interim Contractor Support	N/A	300.8	N/A	0	N/A	283.7	N/A	66.9
Big Safari.....	N/A	170.7	N/A	0	N/A	185.9	N/A	7.0
Other Logistics Activities	N/A	14.4	N/A	0	N/A	20.8	N/A	0

N/A = Not Applicable

Note: Numbers may not add to totals due to rounding.

* Exchangeable backlog (\$88.5) not reflected in O&M in FY 1991 as a result of the absorption of exchangeables into the Stock Fund in the last quarter of FY 1991.

DEPARTMENT OF THE AIR FORCE
DEPOT MAINTENANCE

(AIR FORCE - ACTIVE)
(\$ Millions)

	FY 1992 ESTIMATE				FY 1993 ESTIMATE			
	FINANCED UNITS	FINANCED \$M	UNFINANCED UNITS	UNFINANCED \$M	FINANCED UNITS	FINANCED \$M	UNFINANCED UNITS	UNFINANCED \$M
Air Force.....	N/A	\$1,657.8	N/A	\$193.3	N/A	\$1,646.6	N/A	\$286.3
Aircraft Maintenance:								
Aircraft.....	355	429.9	6	104.8	332	531.0	20	123.4
Engines.....	4,612	239.4	125	17.1	4,355	294.5	232	28.7
Exchangeables.....	N/A	0	N/A	0	N/A	0	N/A	0
Missile Maintenance:								
Missiles.....	N/A	63.0	N/A	1.4	N/A	36.9	N/A	5.8
Other Maintenance:								
Embedded Software.....	N/A	177.9	N/A	12.7	N/A	164.3	N/A	15.4
Other Major Equipment Items	N/A	104.9	N/A	10.5	N/A	102.0	N/A	12.2
Other.....	N/A	98.4	N/A	3.3	N/A	97.0	N/A	6.9
Area Base Mfg.....	N/A	[47.3]	N/A	[0]	N/A	[48.2]	N/A	[1.9]
Non S-F Exchangeables...	N/A	[28.2]	N/A	[3.3]	N/A	[25.5]	N/A	[5.0]
Weapon Systems Storage..	N/A	[22.9]	N/A	[0]	N/A	[23.3]	N/A	[0]
Non-Industrially Fund Activities:								
Interim Contractor Support	N/A	341.8	N/A	36.3	N/A	251.5	N/A	58.8
Big Safari.....	N/A	190.6	N/A	8.0	N/A	158.4	N/A	35.2
Other Logistics Activities	N/A	11.8	N/A	0	N/A	11.0	N/A	0

N/A - Not Applicable

Note: Numbers may not add to totals due to rounding.

DEPARTMENT OF DEFENSE MANAGEMENT HEADQUARTERS AND HEADQUARTERS SUPPORT ACTIVITIES

	FY 90 ESTIMATE					FY 91 ESTIMATE					FY 92 ESTIMATE					FY 93 ESTIMATE				
	OFF E/S	EM E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	EM E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	EM E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	EM E/S	TOT MIL	CIV E/S	TOT OBL
INTERNATIONAL MILITARY ORGANIZATIONS																				
North American Air Defense Command	61	27	86	21	\$4,651 \$1,351	65	26	91	22	\$5,080 \$1,494	65	26	91	22	\$5,253 \$1,542	65	26	91	22	\$5,648 \$1,582
HPAF																				
ONAF																				
North Atlantic Treaty Org	23	15	38		\$1,691	23	14	37		\$1,940	22	14	36		\$1,933	22	14	36		\$2,079
NATO Military Committee																				
HPAF																				
ONAF																				
Allied Command, Atlantic	11	5	16		\$842	7	4	11		\$583	7	4	11		\$601	7	4	11		\$647
HPAF																				
ONAF																				
Allied Command, Channel	1		1		\$64	1		1		\$66	1		1		\$69	1		1		\$74
HPAF																				
ONAF																				
Allied Command, Europe	150	233	383		\$16,196	156	249	405		\$17,738	155	249	404		\$18,088	154	249	403		\$19,400
HPAF																				
ONAF																				
United Nations Command, Korea/U.S. Combined Forces Command, Korea	45	26	71		\$3,604	46	25	71		\$3,792	46	25	71		\$3,914	46	25	71		\$4,209
HPAF																				
ONAF																				
Total International Military Organizations	291	306	597	21	\$28,599	298	318	616	22	\$30,693	296	318	614	22	\$31,400	295	318	613	22	\$33,639
DEPARTMENTAL SUPPORT																				
7th Communications Group (OSD Support)	90	36	126	75	\$6,752 \$7,156	76	38	114	79	\$6,166 \$7,419	75	37	112	84	\$6,269 \$7,779	75	35	110	86	\$6,677 \$8,010
HPAF																				
ONAF																				
Total Departmental Support (OSD) Activities	90	36	126	75	\$13,908	76	38	114	79	\$13,585	75	37	112	84	\$14,048	75	35	110	86	\$14,687
UNIFIED COMMANDS																				
U.S. Atlantic Command	47	21	68		\$3,589	48	17	65		\$3,686	48	17	65		\$3,814	48	16	64		\$4,068
HPAF																				
ONAF																				
U.S. European Command	138	62	200		\$10,547	149	64	213		\$11,777	149	64	213		\$12,172	149	64	213		\$13,088
HPAF																				
ONAF																				
U.S. Pacific Command	201	141	342		\$16,810	202	145	347		\$17,696	202	145	347		\$18,234	202	145	347		\$19,614
HPAF																				
ONAF																				
U.S. Southern Command	41	24	65		\$3,293	36	18	54		\$2,921	36	18	54		\$3,016	37	18	55		\$3,318
HPAF																				
ONAF																				
HQ U.S. Central Command	118	101	219	38	\$10,389 \$4,931	119	103	222	42	\$10,947 \$6,420	116	103	219	41	\$11,058 \$6,048	116	103	219	41	\$11,897 \$7,961
HPAF																				
ONAF																				
HQ U.S. Space Command	69	35	104		\$5,388	76	34	110	54	\$6,047 \$3,932	76	34	110	55	\$6,249 \$4,088	76	34	110	55	\$6,719 \$4,188
HPAF																				
ONAF																				
1) U.S. Special Operations Commands	88	42	130	115	\$6,796 \$3,854															
HPAF																				
ONAF																				
U.S. Transportation Command	60	35	95	125	\$4,815 \$12,147	57	35	92	127	\$4,818 \$11,406	67	54	121	145	\$6,224 \$12,802	67	54	121	145	\$6,695 \$11,298
HPAF																				
ONAF																				
Total Unified Commands	762	461	1223	327	\$86,468	807	416	1103	223	\$87,650	804	435	1129	241	\$85,705	805	434	1129	241	\$88,946

DEPARTMENT OF DEFENSE MANAGEMENT HEADQUARTERS AND HEADQUARTERS SUPPORT ACTIVITIES

	FY 90 ESTIMATE					FY 91 ESTIMATE					FY 92 ESTIMATE					FY 93 ESTIMATE				
	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL
SPECIFIED COMMANDS																				
HQ Strategic Air Command HAF OWAF	733	709	1442	493	\$66,869 \$47,209	953	834	1787	477	\$87,942 \$28,858	938	706	1644	432	\$85,642 \$28,029	930	591	1521	388	\$87,842 \$27,086
HQ 8th Air Force HAF OWAF	125	110	235	40	\$11,092 \$2,309	112	91	203	37	\$10,127 \$1,897	93	71	164	31	\$8,521 \$1,754	74	53	127	25	\$7,181 \$1,575
HQ 15th Air Force HAF OWAF	121	113	234	41	\$10,923 \$2,732	110	90	200	36	\$9,965 \$1,933	93	70	163	29	\$8,491 \$1,751	75	49	124	22	\$7,127 \$1,529
HQ Forces Command HAF OWAF	50	23	73	23	\$3,837 \$770	22	1	23		\$1,488	22	1	23		\$1,546	22	1	23		\$1,661
Total Specified Commands	1029	955	1984	597	\$145,741	1197	1016	2213	550	\$142,210	1146	848	1994	492	\$135,734	1101	694	1795	435	\$134,701
HQ DEPARTMENTAL ACTIVITIES																				
Secretariat HAF OWAF	379	44	423	355	\$25,359 \$15,744	392	47	439	418	\$27,376 \$17,604	391	47	438	391	\$28,343 \$18,604	386	47	433	420	\$30,090 \$20,446
Air Staff HAF OWAF	854	98	952	441	\$57,108 \$31,218	929	126	1055	528	\$65,314 \$30,299	924	126	1050	480	\$67,425 \$33,792	917	126	1043	518	\$71,945 \$36,288
Air Staff ANG HAF OWAF	54	54		73	\$3,434 \$4,283	52			91	\$3,446 \$4,780	52			91	\$3,594 \$5,002	52		52		\$3,850 \$5,186
Air Staff AFR HAF OWAF	21	3	24	30	\$1,421 \$1,005	21	3	24	30	\$1,481 \$1,054	21	3	24	31	\$1,536 \$1,157	21	3	24	31	\$1,651 \$1,213
Total HQ Departmental Activities	1308	145	1453	899	\$139,572	1394	176	1570	1087	\$151,354	1388	176	1564	993	\$159,443	1376	176	1552	1060	\$170,669
DEPARTMENTAL SUPPORT ACTIVITIES (AF)																				
7th Communications Group (AF Headquarters Support) HAF OWAF	95	37	132	121	\$7,098 \$34,258	94	35	129	124	\$7,270 \$32,861	94	35	129	124	\$7,519 \$26,144	93	35	128	125	\$8,010 \$21,692
Total Department Support Activities (AF)	95	37	132	121	\$41,356	94	35	129	124	\$40,131	94	35	129	124	\$33,663	93	35	128	125	\$29,702

DEPARTMENT OF DEFENSE MANAGEMENT HEADQUARTERS AND HEADQUARTERS SUPPORT ACTIVITIES

	FY 90 ESTIMATE				FY 91 ESTIMATE				FY 92 ESTIMATE				FY 93 ESTIMATE			
	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	OFF E/S	ENL E/S	TOT MIL	CIV E/S	TOT OBL	TOT OBL
COMBATANT/COMBATANT SUPPORT ACTIVITIES																
HQ Pacific Air Forces	286	256	542	207	\$25,501	262	236	498	206	\$24,377	205	173	378	159	\$19,273	\$19,108
HPAF					\$16,794					\$12,340					\$11,038	\$11,109
OWAF																
HQ 5th Air Force	35	44	79	19	\$3,483	34	41	75	26	\$3,472	34	41	75	26	\$3,563	\$753
HPAF					\$1,533					\$1,610					\$1,667	\$464
OWAF																
HQ 7th Air Force	36	38	71	17	\$3,299	38	38	76	16	\$3,648	38	38	76	16	\$3,749	\$669
HPAF					\$1,155					\$1,148					\$1,183	\$454
OWAF																
5) HQ 11th Air Force						99	111	210	81	\$9,660	75	74	149	75	\$7,370	\$6,356
HPAF										\$3,614					\$3,568	\$3,743
OWAF																
HQ 13th Air Force	6	8	8	12	\$229	21	12	33	10	\$1,748	22	10	32	10	\$1,814	\$837
HPAF					\$749					\$698					\$720	\$296
OWAF																
HQ Air Force Space Command	283	166	449	210	\$22,739	354	196	552	230	\$29,345	309	167	476	201	\$26,262	\$21,746
HPAF					\$13,083					\$13,837					\$12,584	\$10,689
OWAF																
HQ Tactical Air Command	602	536	1138	382	\$53,996	718	563	1281	409	\$64,315	627	485	1112	376	\$57,636	\$55,384
HPAF					\$19,995					\$22,059					\$21,957	\$21,622
OWAF																
6) HQ 1st Air Force	40	30	79	13	\$3,658					\$587					\$50	\$59
HPAF					\$1,538											
OWAF																
HQ 9th Air Force	94	80	174	25	\$8,283	67	67	134	23	\$6,431	50	39	89	17	\$4,606	\$4,569
HPAF					\$2,406					\$2,424					\$2,299	\$2,381
OWAF																
HQ 12th Air Force	94	76	170	21	\$8,149	93	70	163	22	\$8,244	51	33	84	16	\$4,496	\$4,624
HPAF					\$1,642					\$1,740					\$1,993	\$1,574
OWAF																
HQ US Air Forces in Europe	393	422	815	289	\$37,048	421	368	789	297	\$38,837	280	253	533	206	\$26,822	\$28,658
HPAF					\$14,343					\$15,661					\$12,133	\$11,878
OWAF																
HQ 3rd Air Force	32	35	67	8	\$3,035	29	31	60	15	\$2,843	29	31	60	14	\$2,921	\$3,143
HPAF					\$634					\$699					\$813	\$795
OWAF																
HQ 16th Air Force	22	21	43	11	\$1,999	6	6	12	4	\$576	5	6	11	4	\$523	\$543
HPAF					\$708					\$436					\$401	\$370
OWAF																
HQ 17th Air Force	33	23	56	11	\$2,756	29	21	50	11	\$2,546	29	21	50	10	\$2,623	\$2,822
HPAF					\$436					\$593					\$549	\$541
OWAF																
HQ Military Air/Inflight Command	442	400	842	447	\$30,536	599	520	1119	571	\$55,151	574	469	1043	520	\$53,508	\$51,475
HPAF					\$24,281					\$30,374					\$29,520	\$27,713
OWAF																
HQ 21st Air Force	65	62	127	36	\$5,905	60	57	117	30	\$5,670	52	49	101	21	\$5,041	\$5,424
HPAF					\$1,803					\$1,579					\$1,282	\$1,295
OWAF																
HQ 22nd Air Force	59	60	119	54	\$5,046	53	53	106	47	\$5,087	45	45	90	38	\$4,440	\$4,777
HPAF					\$2,214					\$1,934					\$1,702	\$1,770
OWAF																
7) HQ 23rd Air Force	69	66	135	25	\$4,273	69	66	135		\$6,534						
HPAF					\$837											
OWAF																
1) HQ AF Special Operations Command	71	70	141	23	\$6,515					\$770						
HPAF																
OWAF																
5) HQ Alaskan Air Command	90	117	207	55	\$9,066					\$11,843						
HPAF																
OWAF																

Total Combat Support Activities 2746 2516 5262 1845 1350,991 2952 2456 5410 1996 1380,387 2425 1934 4359 1709 1623 2147 1536 1307,823

DEPARTMENT OF DEFENSE MANAGEMENT HEADQUARTERS AND HEADQUARTERS SUPPORT ACTIVITIES

	FY 90 ESTIMATE						FY 91 ESTIMATE						FY 92 ESTIMATE						FY 93 ESTIMATE					
	OFF		ENL		CIV		OFF		ENL		CIV		OFF		ENL		CIV		OFF		ENL		CIV	
	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT	E/S	TOT
Codification Adjustment	2	1	3		2		4	0	4		4	0	4	0	4		4	0	4	0	4		4	0
Management HQ Activities	8012	5600	13902	7166	\$1,063,882	8274	5591	13865	7534	\$1,113,922	7693	4781	12474	6716	\$1,053,563	7295	4201	11496	6494	\$1,050,725				

FOOTNOTES

1. In accordance with DODD 5100.73, Change 2, 3 January 1991, Department of Defense Management Headquarters and Headquarters Support Activities, end strength associated with Special Operations will be reported separately by the Commander-in-Chief, USSCOM.
2. Reflects end strength savings associated with the Air Force's decision to integrate its acquisition and logistics commands into a new command, Air Force Materiel Command (AFMC), on 1 July 1992.
3. Redesignated as Air Force Development Test Center, 11 July 1990. Management headquarters functions were streamlined and realigned to Aeronautical Systems Division (ASD). Because ASD was simultaneously included in an Air Force management structure streamlining initiative, no overall growth occurred in ASD.
4. Activated as a management headquarters activity on 5 April 1990 to comply with First Amendment (Change 1, 15 June 1990) of DODD 5100.73, Department of Defense Management Headquarters and Headquarters Support Activities. This change directed the accountability of Service Program Executive Officers in "90-ending" program elements.
5. AWC redesignated HQ 11th Air Force and made a component of Pacific Air Forces on 9 August 1990.
6. HQ 1st Air Force under review.
7. Redesignated as Headquarters Air Force Special Operations Command, a USAF major command, on 22 May 1990. Resources are not reflected based upon the rationale provided in footnote 1 above.

INTERMEDIATE RANGE NUCLEAR FORCES (INF) TREATY REQUIREMENTS

Air Force	<u>(\$000)</u>			
<u>Inspection Costs</u>	<u>FY90</u>	<u>FY91</u>	<u>FY92</u>	<u>FY93</u>
On Site US				
3400				
-Travel	587	221	14	19
-Contract Services	692	1298	714	481
Costs include expenses associated with preparing sites for inspection and contractor expenses associated with plant inspections.				
-Transportation	3267	6558	1878	0
Costs include expenses associated with the transportation of missiles and other equipment to Davis-Monahan AFB for destruction and the redistribution of assets.				
-Other	1665	1348	376	0
Costs include expenses for destroying missiles and other equipment, maintaining facilities in caretaker status, leasing temporary storage facilities, as well as TDY, and services to support the elimination effort.				
3500				
-Military Personnel	2577	2653	2715	2923
-Military End Strengths	62	61	61	61
GRAND TOTAL	8788	12078	5697	3423

GLCM COST SAVINGS (\$000)

Dollars

	<u>FY90</u>	<u>FY91</u>	<u>FY92</u>	<u>FY93</u>
3020	42845	36074	37255	37942
3080	8184	9177	10189	10382
3400	169789	208176	260455	269548
3500	141279	294004	298373	321767
TOTAL	343589	541412	586555	616664

Military End Strength
(Officer - 1064)
(Enlisted - 7521)

8585

8585

8585

Civilian End Strength

988

1099

1099

Savings have been considered in the FY92-93 President's Budget submission. Both dollars and end strengths have been reduced. GLCM flight phase-out is as follows:

Active Flights	FY90	FY91	FY92	FY93
	0	0	0	0

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>		
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>	<u>TOTAL</u>
1. FY 1990 END STRENGTH	223,865	37,997	261,862
--Force Structure/Modernization	-150		-150
Special Operations Forces (30)			
Air Reserve Component (100)			
Missiles (-130)			
Mobility (-70)			
Strategic Defensive (-30)			
Tactical (-50)			
--Command and Control	-150	1,556	1,406
Communication Service Industrial Fund (1,556)			
Forward Air Control Party/Tactical Air Command and Control System (-50)			
Over-the-Horizon Backscatter Radars (-100)			
--Readiness and Sustainability	20		20
Communications Engineering and Installation (10)			
Space (10)			
--Economic Initiatives	-23,605		-23,605
Military/Civilian Conversions (2,785)			
Civilian Personnelists (-540)			
Reduced Support Infrastructure (-15,860)			
Cost Comparison A-76 (-480)			
Management Headquarters (-250)			
Separate Operating Activities/Direct Reporting Units (-100)			

CIVILIAN PERSONNEL

AFCC Restructure (-350)
AFLC Restructure (-680)
AFSC Restructure (-1,000)
Base Closure/Restructure (-1,620)
Contract Mgt Tfr to DLA (-3,150)
DODDs Transfer (-270)
Transfer to Def Fin Act Svs (DFAS) (-2,090)
--Other
Morale, Welfare and Recreation (2,100)
Civilian Personnel Management (-150)
Competition Advocacy (-200)
Foreign Military Sales (40)
Interservice Support Agreement/Host Tenant
Support Agreement (20)
Joint Agency Support (50)
START Treaty (90)
--Training Pipeline
Recruit (-30)
Training/Education (-280)
Undergraduate Flying Training
Restructure (-30)
---Base Infrastructure
Support Infrastructure (-1,610)
Base Operating Support (-500)
Other (-10)

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>		
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>	<u>TOTAL</u>
2. FY 1991 END STRENGTH	199,470	39,553	239,023
--Force Structure	730		730
Air Reserve Component (510)			
Missiles (-60)			
Mobility (50)			
Special Operations Force (160)			
Strategic Defensive (-70)			
Tactical (140)			
--Command and Control	-320		-320
Forward Air Control Party/Tactical Air			
Command and Control System (10)			
Intelligence (-330)			
--Readiness and Sustainability	-330	-550	-880
Air Base Ground Defense/Tactical Deception (20)			
Communications Engineering and			
Installation (-30)			
Depot Level Repairables/Maintenance			
Support (120)			
Depot Maintenance Industrial Fund/Stock			
Fund (-550)			
Joint Surveillance (-20)			
Operational Tempo (-470)			
Other (20)			
Space (30)			
Strategic War Planning (30)			

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>	
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>
		<u>TOTAL</u>
Weapons Storage (-30)		
--Economics Initiatives		
AFLC Restructure (-3,300)		
AFSC Restructure (-740)		
Reduced Support Infrastructure (-3,450)		
Civil Engineering Restructure (-330)		
Competition Advocacy (-200)		
Cost Comparison A-76 (-40)		
Data Automation (-290)		
Fasteners/Actuators/Connectors/Tools/ Subsystems (60)		
Management Headquarters (-650)		
Military/Civilian Conversion (2,730)		
Personnel Concept III (-170)		
Separate Operating Activities/Direct Reporting Units (-310)		
JMCC/IR&D Consolidation (-1,180)		
Transfer to DFAS (-190)		
Transfer to Def Commissary Svcs (DECA) (-7860)		
Transfer to DODDs (-20)		
Transfer to Defense Printing (-630)		
--Other		
Classified Project (340)		
Foreign Military Sales (-10)		
Interservice Support Agreement/Host Tenant Support Agreement (-30)		
START Treaty (10)		
	-16,570	-16,570
	330	330

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>		
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>	<u>TOTAL</u>
Unified/Specified (20)			
--Training/Pipeline	-30		-30
Training and Education (-10)			
Undergraduate Flying Training			
Restraiture (-20)	614		614
--Base Infrastructure			
Alaska (10)			
Support Infrastructure (-240)			
Base Operating Support (-40)			
Morale, Welfare and Recreation/Child Care (694)			
Relocation Assistance (140)			
Other (50)			
3. FY 1992 END STRENGTH	183,894	39,003	222,897
--Force Structure			
Air Reserve Component (450)	190		190
Missiles (-40)			
Mobility (-50)			
Special Operating Forces (10)			
Strategic Defensive (-180)			
--Command and Control			
Command and Control (-200)	-220		-220
Forward Air Control Party/Tactical Air Command			
and Control System (70)			
Over-the-Horizon Backscatter Radars (-150)			
Other (30)			

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>		
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>	<u>TOTAL</u>
TRIGS II (30)			
--Readiness and Sustainability			
Communications Engineering and			
Installations (-10)	1,040	-180	860
Depot Level Repairables/Maintenance			
Support (810)			
Operational Tempo (20)			
Strategic Wartime Planning (20)			
Depot Maintenance Industrial Fund (-180)			
Space (200)			
--Economic Initiatives	242		242
AFCC Restructure (-30)			
AFLC Restructure (-4,290)			
AFSC Restructure (-1,030)			
Infrastructure Support (3,660)			
Civil Engineering Restructure (260)			
Cost Comparison A-76 (80)			
Data Automation (-80)			
Management Headquarters (-530)			
Military/Civilian Conversions (2,802)			
Separate Operating Activities/Direct			
Reporting Units (-600)			
--Other	100		100
Classified Project (30)			
Joint Agency Support (70)			
--Training Pipeline	118		118
Training/Education (130)			

DEPARTMENT OF THE AIR FORCE
 FY 1992/1993 PRESIDENT'S BUDGET
 MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

	<u>CIVILIAN PERSONNEL</u>		
	<u>DIRECT FUNDED</u>	<u>INDUSTRIALLY FUNDED</u>	<u>TOTAL</u>
Undergraduate Flying Training/ Restructure (-12)			
--Base Infrastructure	-3,570		-3,570
Support Infrastructure (-3,370)			
Base Operating Support (-200)			
4. FY 1993 END STRENGTH	181,794	38,823	220,617

DEPARTMENT OF THE AIR FORCE
FY 1992/1993 PRESIDENT'S BUDGET
MANPOWER CHANGES IN FULL TIME EQUIVALENT END STRENGTH

5. SUMMARY	FY 1990	FY 1991	FY 1992	FY 1993
O&M	156,501	148,563	117,870	117,631
Direct	141,205	120,089	109,189	102,403
Reimbursable	15,296	28,474	8,681	15,228
Industrial	40,680	37,814	-0-	-0-
Direct	-0-	-0-	-0-	-0-
Reimbursable	40,680	37,814	-0-	-0-
Defense Business Operations Fund	-0-	-0-	52,044	49,117
Direct	-0-	-0-	-0-	-0-
Reimbursable	-0-	-0-	52,044	49,117
RDT&E	11,607	11,401	11,346	10,978
Direct	10,159	9,588	9,792	9,443
Reimbursable	1,448	1,813	1,554	1,535
AFR	14,129	14,751	15,112	15,582
Direct	14,102	14,724	14,645	15,126
Reimbursable	27	27	467	456

ANG	25,958	26,494	26,525	27,309
Direct				
Reimbursable	25,640	26,176	25,995	26,779
	318	318	530	530
TOTAL AIR FORCE	248,875	239,023	222,897	220,617
Direct	191,106	170,577	159,622	153,751
Reimbursable	57,769	68,446	63,275	66,866

DEPARTMENT OF THE AIR FORCE

MILITARY BANDS

FY 1992/93 PRESIDENT'S BUDGET

<u>Number of Bands</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
CONUS	17	17	11	11
Overseas	<u>3</u>	<u>3</u>	<u>2</u>	<u>2</u>
Total	20	20	13	13
<u>Military Personnel</u>				
Officers	32	32	27	27
Enlisted	<u>1,105</u>	<u>1,105</u>	<u>878</u>	<u>878</u>
Total	1,137	1,137	905	905

(in Thousands)

Annual Performances

Military Retention, On Base	6.7	6.7	5.0	5.0
Recruiting, Off Base	.7	.5	1.0	1.0
Community Relations, Off Base	3.9	3.1	2.4	2.4
Total	10.6	10.3	8.4	8.4

AIR FORCE BANDS

(\$ in Millions)

Resource Requirements by <u>Appropriation</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
Military Personnel				
Operation & Maintenance, Air Force	\$ 35.3	\$ 36.4	\$ 30.2	\$ 31.6
Operation & Maintenance, Air Force Reserve	8.2	7.5	6.0	6.0
	<u>.4</u>	<u>.3</u>	<u>.4</u>	<u>.4</u>
Total	\$ 43.9	\$ 44.2	\$ 36.6	38.0

Justification

Air Force bands perform a multifaceted mission of recruiting, internal entertainment programs supporting retention, military ceremonies, official White House, Congressional, and State Department functions, nationwide community relations programs, and preserving and promoting our national heritage. The reduced performances, personnel costs, and operations and maintenance costs for FY 1992/93 reflect a reduction of seven Air Force bands.

**Appropriated Fund Support of Morale, Welfare and Recreation Activities
Category Summary (\$ in thousands)**

FY 90	Total Operations & Maint	O & M RESERVE	RDt&E	Other Procure	Military Personnel Construct	Major Construct
Category A	225990.1	152821.4	2398.3		2981.1	
Category B	87324.4	67688.1	0.0	0.0	48989.3	18800.0
Category C	64741.0	55871.1	1347.6	177.2	1586.0	16690.0
				146.4	6139.7	
Total FY 90	378055.5	276380.6	3745.9	323.6	56715.0	35490.0
FY 91	Total Operations & Maint	O & M RESERVE	RDt&E	Other Procure	Military Personnel Construct	Major Construct
Category A	255613.2	189024.0	2419.8		2981.1	
Category B	106008.2	94365.1	29.3	250.1	58338.2	2600.0
Category C	32541.0	28081.6	0.0	688.6	2303.1	8240.0
				0.0	4459.4	
Total FY 91	394162.4	311470.7	2449.1	938.7	65100.7	10840.0
FY 92	Total Operations & Maint	O & M RESERVE	RDt&E	Other Procure	Military Personnel Construct	Major Construct
Category A	276761.1	196612.9	2514.1		3709.7	
Category B	126006.4	111913.6	30.4	250.8	60613.6	13060.0
Category C	31738.5	28573.5	0.0	412.6	2218.8	10350.0
				0.0	3165.0	
Total FY 92	434506.0	337100.0	2544.5	663.4	65997.4	23410.0
FY 93	Total Operations & Maint	O & M RESERVE	RDt&E	Other Procure	Military Personnel Construct	Major Construct
Category A	274199.4	204639.9	2604.6		3839.5	
Category B	119548.7	115671.2	31.5	259.1	62856.3	0.0
Category C	28557.0	28557.0	0.0	426.2	2300.9	0.0
Total FY 93	422305.1	348868.1	2636.1	685.3	65157.2	0.0

FY 90

Category A Mission Sustaining	Total Operations & Maint	O & M Reserves	RDt&E	Other Procure	Military Personnel	Major Construct
Common Support Svcs	87688.8	2254.9	2122.6	0.0	23833.7	
Physical Fitness	57253.1	132.2	398.7	0.0	15621.5	16800.0
Sports (Self directed)	2542.0		0.0		338.2	
Libraries	19577.3		381.5		301.9	
Recreation Centers	22628.9	11.2	78.3	0.0	8894.0	2000.0
Indirect Support	36300.0					
Total Category A	225990.1	2398.3	2981.1	0.0	48989.3	18800.0

FY 90

Category B Community Support	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Arts & Crafts	16452.5	15123.9	330.0	0.0	998.6	
Automotive Skills	3964.3	3920.2	44.1	0.0	0.0	
Child Development Ctrs	45050.6	27977.2	383.4	0.0		16690.0
Outdoor Recreation	7963.8	7211.0	195.9	0.0	556.9	
Swimming Pools	2036.0	2035.9	0.1			
Youth Activities	9201.0	8967.9	229.6		3.5	
Bowling(12 lanes or less)	2032.9	1855.7		177.2	0.0	
Tickets & Tours	231.4	231.4				
Civilian Welfare Fund	0.0	0.0				
Sports Programs	259.0	232.0			27.0	
(above intramural level)						
Marinas (w/o resale)	132.9	132.9				
Entertainment	0.0	0.0				
Total Category B	87324.4	67688.1	1183.1	177.2	1586.0	16690.0

FY 90

Category C Business Programs	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Aero Clubs	107.3	105.2	2.1			
AAPEB(Incl Class VI)	10077.9	10044.6			33.3	
Other Member Assoc	101.9	101.2	0.7			
Bowling	3174.4	3121.5	52.9			
Golf	2817.2	2525.6	170.6	121.0		
Civ Welfare Funds	43.8	43.8				
Civ Base Restaurants	1501.5	1501.5				
Marinas	20.6	20.6				
Theaters	1161.4	1161.4				
Other Programs	255.4	255.4	0.0	0.0		
Open Messes	38872.2	30791.2	956.2	25.4	5827.4	
Equipment Rental	6485.9	6080.6	53.7		276.0	
Cabins/Cottages	121.5	118.5			3.0	
Total Category C	64741.0	55871.1	1236.2	146.4	6139.7	0.0

FY 91

Category A Mission Sustaining	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Common Support Svcs	101724.0	74084.1	2231.9	24.8	23448.3	
Physical Fitness	53882.5	29047.2	187.9	18.0	21574.6	2600.0
Sports (Self directed)	2026.1	2003.2				
Libraries	29876.5	28622.0			785.1	
Recreation Centers	29747.1	16910.5		207.3	12530.2	
Indirect Support	38357.0	38357.0	99.1			
Total Category A	255613.2	189024.0	2419.8	250.1	58338.2	2600.0

FY 91

Category B Community Support	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Arts & Crafts	25694.5	24023.1	127.8	155.0	1388.6	
Automotive Skills	3194.1	3157.6	14.4	22.1		
Child Development Ctrs	43831.0	35300.0	0.0	291.0		8240.0
Family Day Care	3155.0	3155.0				
Outdoor Recreation	12257.4	11034.2	100.7	208.0	914.5	
Swimming Pools	1881.3	1854.0	27.3			
Youth Activities	13709.3	13597.4	111.9			
Bowling(12 lanes or less)	1527.0	1485.2		12.5		
Tickets & Tours	426.4	426.4				
Civilian Welfare Fund	9.5	9.5				
Sports Programs	105.3	105.3				
(above intramural level)						
Marinas (w/o resale)	217.4	217.4				
Entertainment						
Total Category B	106008.2	94365.1	382.1	688.6	2303.1	8240.0

FY 91

Category C Business Programs	Total Operations & Maint	O & M Reserves	RDt&E	Other Procure	Military Personnel	Major Construct
Aero Clubs	74.8					
AAFES(Incl Class VI)	7688.2	74.8				
Other Member Assoc	55.1	7688.2				
Bowling	2503.3	55.1				
Golf	1297.2	2503.3				
Civ Base Restaurants	2725.6	1297.2				
Marinas	24.5	2725.6				
Theaters	1396.2	24.5				
Other Programs	266.0	1396.2				
Open Messes	14662.8	266.0				
Equipment Rental	1728.7	10203.4			4459.4	
Cabins/Cottages	118.6	1728.7				
		118.6				
Total Category C	32541.0	28081.6	0.0	0.0	4459.4	0.0

FY 92

Category A Mission Sustaining	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Common Support Svcs	106167.0	77052.6	2318.9	2407.8	24.9	24362.8
Physical Fitness	66474.7	30219.4	195.2	566.0	18.0	22416.1
Sports (Self directed)	2112.5	2084.1		28.4		13060.0
Libraries	31167.2	29767.2		584.2		815.8
Recreation Centers	30946.9	17596.8		123.3		13018.9
Indirect Support	39892.8	39892.8			207.9	0.0
Total Category A	276761.1	196612.9	2514.1	3709.7	250.8	60613.6
						13060.0

PY 92

Category B Community Support	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel	Major Construct
Arts & Crafts	26845.9	24985.7	361.6	160.8	1337.8	
Automotive Skills	3349.9	3286.1	40.8	23.0		
Child Development Ctrs	60950.0	50600.0	0.0	0.0		10350.0
Family Day Care	3155.0	3155.0				
Outdoor Recreation	12862.7	11480.9	284.9	215.9	881.0	
Swimming Pools	2008.2	1931.0	77.2			
Youth Activities	14455.2	14138.7	316.5			
Bowling(12 lanes or less)	1590.3	1547.0		12.9		
Tickets & Tours	442.0	442.0				
Civilian Welfare Fund	9.9	9.9				
Sports Programs	110.5	110.5				
(above intramural level)						
Marinas (w/o resale)	226.8	226.8				
Entertainment						
Total Category B	126006.4	111913.6	1081.0	412.6	2218.8	10350.0

FY 92

Category C Business Programs	Total Operations & Maint	O & M Reserves	RDt&E	Other Procure	Military Personnel	Major Construct
Aero Clubs	76.0					
AAFES(Incl Class VI)	7823.4	76.0				
Other Member Assoc	56.0	7823.4				
Bowling	2545.9	56.0				
Golf	1320.1	2545.9				
Civ Base Restaurants	2774.5	1320.1				
Marinas	24.9	2774.5				
Theaters	1420.1	24.9				
Other Programs	271.4	1420.1				
Open Messes	13546.1	271.4				
Equipment Rental	1760.1	10381.1			3165.0	
Cabins/Cottages	120.0	1760.1				
		120.0				
Total Category C	31738.5	28573.5	0.0	0.0	3165.0	0.0

FY 93

Category A Mission Sustaining	Total Operations Operations & Maint	O & M Reserves	RD&E	Other Procure	Military Personnel	Major Construct
Common Support Svcs	110382.7	80198.3	2402.4	2492.1	25.7	25264.2
Physical Fitness	55505.3	31453.2	202.2	585.8	18.6	23245.5
Sports (Self directed)	2198.6	2169.2		29.4		0.0
Libraries	32433.1	30982.5		604.6	846.0	
Recreation Centers	32158.3	18315.3		127.6	13500.6	0.0
Indirect Support	41521.4	41521.4				
Total Category A	274199.4	204639.9	2604.6	3839.5	259.1	62856.3
						0.0

FY 93

Category B Community Support	Total Operations & Maint	O & M Reserves	RDT&E	Other Procure	Military Personnel Construct	Major Construct
Arts & Crafts	27939.2	26011.5	374.3	166.1	1387.3	
Automotive Skills	3486.9	3420.9	42.2	23.8		
Child Development Ctrs	51970.0	51970.0	0.0	0.0		0.0
Family Day Care	3155.0	3155.0				
Outdoor Recreation	13383.8	11952.3	294.9	223.0	913.6	
Swimming Pools	2090.0	2010.1	79.9			
Youth Activities	15046.9	14719.3	327.6			
Bowling(12 lanes or less)	1655.3	1610.5		13.3		
Tickets & Tours	460.2	460.2				
Civilian Welfare Fund	10.3	10.3				
Sports Programs	115.0	115.0				
(above intramural level)						
Marinas (w/o resale)	236.1	236.1				
Entertainment						
Total Category B	119548.7	115671.2	1118.9	426.2	2300.9	0.0

FY 93

Category C Business Programs	Total Operations & Maint	Operations & Maint	O & M Reserves	RDTEB	Other Procure	Military Personnel	Major Construct
Aero Clubs	76.0	76.0					
AAFES (incl Class VI)	7818.9	7818.9					
Other Member Assoc	56.0	56.0					
Bowling	2544.4	2544.4					
Golf	1319.3	1319.3					
Civ Base Restaurants	2772.9	2772.9					
Marinas	24.8	24.8					
Theaters	1419.3	1419.3					
Other Programs	271.3	271.3					
Open Messes	10375.1	10375.1					
Equipment Rental	1759.1	1759.1					
Cabins/Cottages	119.9	119.9					
Total Category C	28557.0	28557.0	0.0	0.0	0.0	0.0	0.0

**REIMBURSABLE PROGRAM
(DOLLARS IN THOUSANDS)**

Sales Code	Title	FY 90 Actuals	FY 91 Estimate	FY 92 Estimate	FY 93 Estimate
Federal					
10	Aircraft Procurement	3848	4010	3866	4009
12	Missile Procurement	0	770	737	764
13	Other Procurement	12349	14103	14653	15195
15	Military Construction	558	575	597	619
16	Operation & Maint. - AF	1568	1634	1698	1760
17	Military Personnel	14009	14597	15167	15728
18	RD&E	129190	147535	122722	127263
19	Reserve Personnel	662	690	717	743
22	Operation & Maint. - ANG	210089	231980	123281	127842
23	National Guard Personnel - AF	108	228	237	246
24	Operation & Maint. - AFR	104653	115558	44337	45977
30	MAP- Direct Citation	10	10	11	11
31	MAP- Common Items-Definitized	0	0	0	0
32	MAP-Administration	759	791	822	852
34	MAP-Contract Authority	20	21	22	22
36	Int'l Mil Trng & Educ-IMET	7271	7576	7872	8163
39	Intrafund Reimbursements	178054	196607	204275	211833
42	Fuels Division-AFSF	2235	2329	2420	2509
43	Commissary Division - ASFS	235	245	0	0
46	Printing & Duplicating	1	1	1	1
48	Laundry & Dry Cleaning - AFIF	528	550	572	593
49	Airlift Service - AFIF	201655	222667	99354	103031
51	0700 Family Housing - Def	1863	1941	2017	2092
52	5700 Family Housing - Def	158632	175133	181963	188696
54	Wildlife Conser - Mil Reserv	9	9	10	10
56	General Gift Fund-AF	1	1	1	1
58	Commissary Surcharge Collect	11484	11966	0	0
60	Medical-Dental Division - AFSF	10	10	11	11
	Subtotal	1039801	1151539	827360	857972

**REIMBURSABLE PROGRAM
(DOLLARS IN THOUSANDS)**

Sales Code	Title	FY 90 Actual	FY 91 Estimate	FY 92 Estimate	FY 93 Estimate
Federal					
61	General Support Division-AFSF	210	219	227	236
63	Depot Maintenance Service-AFIF	86233	89855	93359	96813
65	Systems Support Division-AFSF	10183	10611	11025	11432
67	Cost of Operations Div-AFSF	0	889000	923671	957847
xx	Reparable Support Div-AFSF	0	0	0	0
80	Department of the Army	62028	88080	91515	94901
81	Department of the Navy	53491	59065	61368	63639
82	OSD & Def Agencies-except DSA	152266	216218	224650	232962
83	Def Supply Agency-Scrap, Salvage	1399	1458	1515	1571
84	Def Supply Agency-Other	14320	15812	16429	17037
85	NASA	54650	60345	62698	65018
86	Other Federal Agencies	103354	114123	118574	122962
87	Off-Budget for Fed Agencies	142	157	163	169
88	Marines	801	884	919	953
89	Trash & Waste Recycle Program	265	293	304	315
91	Non-Approp Fund Activities	11774	13001	13508	14008
	Total Federal	1590917	2709772	2815454	2919625
Trust Fund					
69	SARFMA-AFIF	552	0	0	0
72	FMS Liquidation	0	0	0	0
73	Advances, FMS Executive	212608	221538	230177	238694
74	Advances, FMS Admin	73069	76138	79107	82034
76	FMS-Additives	11351	11828	12289	12744
78	FMS-Reimb-MO-OA	28074	29253	30394	31519
	Total Trust Fund	325654	338756	351968	364991

**REIMBURSABLE PROGRAM
(DOLLARS IN THOUSANDS)**

Sales Code	Title	FY 90 Actual	FY 91 Estimate	FY 92 Estimate	FY 93 Estimate
Non-Federal					
90	Foreign Gov & Int'l Oper	11774	12269	12747	13219
91	Non-Appropriated Funds	21145	22033	22892	23739
92	American Red Cross	6	6	6	7
93	Comm'l Enterprises & Indiv	54646	67870	70517	73126
94	COMSAT-NASA	14748	18317	19031	19736
98	Other Non-US-Govt Agencies	2850	2970	3086	3200
99	Cash Sales (Stock&Indust Fund)	0	0	0	0
	Total Non-Federal	105169	123465	127786	132259
	Total APPN 3400 Operation & Maintenance	1696086			

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

This exhibit is provided to track contractor support costs by weapon system for FY90 through FY93. Costs reflect funding as supported in the FY 1992/1993 Budget Estimate Submission for Active Air Force Operations and Maintenance (O&M).

Preparation of this exhibit has been difficult since normal budgeting and execution is by program element, not by weapon system supported. Several areas of support costs can't be tracked by weapon system. This is especially true for depot maintenance exchangeables and engine workload which consists of thousands of individual items (coded by stock number) and many of these items are common to several weapon systems. Contract depot maintenance costs thus reflect aircraft and missile programmed depot maintenance work only. No contract exchangeable or engine repair costs are identified by weapon system.

Finally, it should be emphasized that this exhibit lists "contractor" costs only and does not reflect a total weapon system cost. A large cost of most weapon systems is worked with organic depot and base level maintenance personnel, as well as with government furnished material.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

11113/11128/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
B-52 (Total)	36.1	50.4	54.8	47.8
SUSTAINING ENGINEERING (O&M)	7.4	9.6	12.9	12.1
CONTRACT ENG TECH SVCS (O&M)	1.2	2.7	2.7	2.6
CONTRACTOR LOG SUPPORT (O&M)	12.6	22.5	29.1	29.0
INTERIM CONTRACTOR SPT (O&M)	13.7	15.6	10.1	4.1
DEPOT MAINTENANCE (IF)	1.2	0	0	0

Sustaining Engineering: Support includes feasibility studies on proposed or directed modifications; integration, analysis, and liaison on all sub-systems on the B-52 such as missiles, fire control, electronic counter measures (ECM), offensive avionics system (OAS), etc; conduct investigations and provide corrective action on materiel improvement projects; maintain engineering data and drawings; support accident/incident investigation and assistance to inflight emergencies; support flight tests; OAS system support, AN/ALQ-153 hardware support, AN/ALQ-172(V) electronic warfare software support, and other software support. FY92 increase is for development of a prototype of the electronic warfare counter measures receiver in order to identify and resolve deficiencies in the system.

Contract Engineering Technical Services (CETS): Provide proficiency training, technical guidance and emergency technical assistance for intermediate level automated manual system, AN/ASQ-151 electro-optical viewing system, AN/ASQ-38(V) bomb navigation system, and offensive avionics system and associated support equipment.

Contractor Logistics Support (CLS): CLS provides for training device computer support, data analysis programming group, and operational and intermediate training device support. Increased funding in FY92 supports the integration of the HAVE-NAP weapon system with OAS software and weapons release system.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Interim Contractor Support (ICS): ICS is provided for the Integrated Conventional Stores Management System (ICSMS), ALQ-172(V) Electronic Countmeasures System, and the AN/USM 464 and 603 test equipment. FY91 is the peak ICS demand year for this system as it will ramp down hereafter. FY92 reflects the completion of support for the ICSMS and a drop in support required for the ALQ172. Therefore, the FY93 requirements drop considerably.

Depot Maintenance: As the B-52 enters force structure retirements, the depot workload decreases. The B-52 is primarily supported through organic capability.

11118/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
SHORT RANGE ATTACK MISSILE (SRAM) (Total)	4.6	4.1	4.3	5.2
SUSTAINING ENGINEERING (O&M)	4.5	4.0	4.2	4.3
CONTRACT ENG TECH SVCS (O&M)	.1	.1	.1	.1
INTERIM CONTRACTOR SUPPORT (O&M)	0	0	0	.8

Sustaining Engineering: Support includes System Integration Laboratory (SIL) and system engineering support. SIL contractor support permits investigation of service revealed deficiencies through duplication of reported faults and testing of proposed solutions. System engineering support provides skills to solve problems such as corrosion on the missile case, system testing inadequacies, motor propellant aging surveillance, flight test anomaly investigation, and electromagnetic interference and pulse test.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contract Engineering Technical Services (CETS): Provide proficiency training, technical guidance and emergency technical assistance testing to support SRAM as part of the Air Force inventory. Lack of CETS support would impact Single Integrated Operation Plan (SIOP) capability. CETS support is critical to the identification and correction of deficiencies in the system.

Interim Contractor Support (ICS): With deliveries of the SRAM system, ICS is required to support depot repair beginning in FY93 because of lack of fully usable, delivered tech data.

11122

WEAPON SYSTEM/
CONTRACT CATEGORY

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
AIR LAUNCHED CRUISE MISSILE (Total)	10.8	9.1	10.9	11.0
SUSTAINING ENGINEERING (O&M)	10.6	8.5	10.3	10.4
CONTRACT ENG TECH SVCS (O&M)	.2	.6	.6	.6

Sustaining Engineering: Contract support is for updating peculiar ALCM simulation software, retest OK investigation, service revealed deficiencies investigation, investigation of anomalies discovered during operational test flights, and investigation of potential improvements to the ALCM mission planning software. FY92 increases due to software anomalies that need to be resolved and serious problems with high retest OK rates which involves testing all systems and subsystems.

Contract Engineering Technical Service (CETS): Provides proficiency training, engineering and technical support, testing, analysis and software support required to support ALCM. CETS is critical to the identification and correction of deficiencies in the system.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

11124/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
HARPOON MISSILE (AGM-84) (Total)	.4	.5	1.3	1.0
CONTRACTOR LOG SUPPORT (O&M)	.3	0	1.3	1.0
DEPOT MAINTENANCE (IF)	.1	.5	0	0

CONTRACTOR LOGISTICS SUPPORT: The Harpoon Missile was brought into the DOD inventory by the Navy in 1977. The Navy is the executive agent for engineering and configuration management. The Air Force has established a Memorandum of Understanding with the Navy to pay for the Air Force share of contractor logistics support costs beginning in FY92. Contractor Logistics Support requirements in FY92 and FY93 are for depot level repair of the missile and the maintenance of configuration management.

Depot Maintenance: Harpoon Missile requires recertification by the Air Force on a periodic interval.

11126/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
B-1B (Total)	263.4	239.0	237.5	187.4
SUSTAINING ENGINEERING (O&M)	75.5	78.8	81.7	86.5
CONTRACT ENG TECH SVCS (O&M)	7.7	2.9	3.0	3.0
CONTRACTOR LOG SUPPORT (O&M)	7.9	22.0	23.7	29.1
INTERIM CONTRACTOR SPT (O&M)	166.5	127.3	111.1	54.6
DEPOT MAINTENANCE (IF)	12.6	8.0	18.0	14.2

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Sustaining Engineering: Sustaining Engineering is required for mission critical programs that include Survivability/Vulnerability, Reliability and Maintainability Assessment, Aircraft Structural Integrity, Stores Compatibility, Mechanical Systems and Components, Electrical Systems and Components, Avionics, Automated Test Equipment, Software Support, and aircrew training device compatibility with the weapon system. Increase in FY93 is to accomplish nuclear hardness testing and surveillance. Field surveillance must be accomplished by using a mobile test facility to determine the level of degradation of hardened subsystems and components.

Contract Engineering Technical Services (CETS): Provide proficiency training, technical guidance, and emergency technical assistance required for peculiar support equipment orientation and includes avionics test equipment and secondary power equipment.

Contractor Logistics Support (CLS): CLS for the B-1B simulator system includes support for the Offensive/Defensive Station Mission Trainers, Software Support Center Equipment, Cockpit Procedures Trainers, Data Base Transportation System, associated data, services, and facilities. Increase in FY93 is to support the complete inventory of 36 systems which will all be on board in FY93.

Interim Contractor Support (ICS): Support is provided for peculiar support equipment and an inventory of 96 aircraft at 4 operating bases. FY 91 thru FY 93 are transition periods as the Air Force accumulates its organic capability for this strategic weapon system and the ALQ-161 defensive subsystem.

Depot Maintenance: The depot capability on the B-1 is ramping up as ICS draws down. Contractors provide support for Programmed Depot Maintenance (PDM). FY 1992 is a peak year as the deseal/reseal tasks must be completed with to correct safety deficiencies in the fuel system.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

11127/11897/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
B-2 (Total)	11.3	7.5	99.3	123.5
CONTRACTOR LOGISTICS SUPPORT	0	1.0	47.0	60.6
INTERIM CONTRACTOR SPT (O&M)	11.3	6.5	52.3	62.9

Contractor Logistics Support (CLS): Support is provided for the following training devices: Computerized Maintenance Trainers (CMT), Desk Top Trainers (DTT), Crew Escape System Maintenance Trainer (CESMT), Weapons Load Trainer (MLT), Training Library (TL) and the Training Support Center (TSC). CLS includes hardware maintenance of each device as well as software, simulation software, and courseware updates. All hardware, software, and courseware and contract support will be in place by Sep 92 to begin training over 600 maintenance technicians. The increase in FY 92 and FY 93 is the funding required to support this effort. Failure to obtain CLS for the B-2 training system will result in eventual loss of training capability of each device with resultant loss of training capability for all aircraft maintenance technicians as no organic capability exists.

Interim Contractor Support: The B-2 is a multi-role strategic aircraft which uses state-of-the-art avionics and low observables technology. ICS will fund depot level repairs, lay-in of expense material, program management services, data services and operation of the contractor operated storage site. The ICS requirements are a yearly option to the acquisition contract. It will allow the contractor to demonstrate that system specifications can be met and that support equipment can support the SAC mission using organic blue suit maintenance. ICS will fund contractor repair of any contractor furnished equipment repairables returned to their facility. Contract repair is required until T.O.'s are available, personnel are trained, and support equipment demonstrated capability is accepted, and the support equipment and support for the support equipment are readily available.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
CLASSIFIED PROGRAMS (Total)	275.3	159.0	163.3	169.3
CONTRACTOR LOG SUPPORT (O&M)	195.9	96.6	122.5	118.5
INTERIM CONTRACTOR SPT (O&M)	5.0	6.1	9.3	15.9

Interim Contractor Support (ICS): Contract efforts include all required depot, intermediate, and organizational level support costs for new or recently upgraded systems.

Contractor Logistics Support (CLS): Contract efforts include programmed depot maintenance, contractor field support, and operation of supply activities supporting the depot and operating locations.

11142/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
KC-135 (Total)	38.7	35.8	27.5	60.2
SUSTAINING ENGINEERING (O&M)	3.8	3.8	6.9	6.8
CONTRACTOR LOG SUPPORT (O&M)	1.9	5.5	6.6	6.8
DEPOT MAINTENANCE (IF)	33.0	26.5	14.0	46.6

Sustaining Engineering: Support includes developing new damage tolerance criteria. The engineering emphasis is on aircraft structural integrity program and systems engineering. FY 92 increase supports an electrical wiring replacement effort. Engineering drawings and other data necessary to fabricate, install, test and document the replacement of polyvinyl chloride (PVC) insulated wiring and cables must be obtained.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contractor Logistics Support (CLS): Support is provided for the C-135B mission flight simulator (MFS) and the KC-135A/R Operational Flight Trainers (OFT). It includes contractor operated and maintained base supply (O&MBS), parts exchange, field support, and bench stock for the simulators/trainers. The increase in FY92 is due to the relocation of one device from Pease AFB to Eaker AFB.

Depot Maintenance: This provides for Programmed Depot Maintenance (PDM), and other maintenance of the KC-135s, including KC-135A/E/Q/R. The ramp up between FY 1992 and FY 1993 is due to increase in quantity of inputs.

11213/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
MINUTEMAN (LGM-30) (Total)	128.8	112.0	100.4	85.0
SUSTAINING ENGINEERING (O&M)	67.5	62.9	58.4	58.7
CONTRACT ENG TECH SVCS (O&M)	.4	.8	.8	.8
CONTRACTOR LOG SUPPORT (O&M)	7.3	9.1	10.0	11.8
INTERIM CONTRACTOR SPT (O&M)	.1	.3	0	0
DEPOT MAINTENANCE (IF)	53.5	38.9	31.2	13.7

Sustaining Engineering: Support includes several sustaining engineering efforts. One effort provides engineering/technical services required to support the operational fleet in the missile guidance set and flight controls. Another contract is for the development, production, and delivery of test program sets designed to test the electronic drawers of the Minuteman operational and maintenance equipment. Another contract provides weapon system engineering support to resolve problems encountered at operational wings, accomplish systems and hardware studies on aerospace equipment, operational and maintenance equipment, Hill Engineering Test Facility, and aerospace vehicle equipment. Another contract is an ongoing engineering effort to maintain and modify the operational Minuteman weapon system. Software support provides engineering to develop code and checkout Minuteman III operational ground program in support of

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

the expanded execution plan; modify the operational executive program and the nuclear safety technical evaluation on the Minuteman; and modify the Minuteman III operation and support software. Decrease in FY92 reflects constrained funding which defers long range planning efforts.

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance, and emergency technical assistance. Provides integration for all modified software development by various contractors and modification of appropriate trainers to be compatible with the modified operational software. Also includes contract field support at six Minuteman bases consisting of reliability studies of the missile guidance sets and training of Air Force personnel.

Contractor Logistics Support (CLS): Support is provided for the Expanded Missile Data Analysis System (EMDAS) and the Minuteman Trainer. EMDAS is used to gather missile maintenance and inertial performance data. FY93 increase is to support two additional trainers and to accomplish a modification installation.

Interim Contractor Support (ICS): Contractor provides support for LGM-30 MF Radio until organic repair capability is achieved in FY92.

Depot Maintenance: Contractor provides support to the Minuteman II and III stage 2 motor washout program and other depot maintenance inspections and repairs.

11215/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
PEACEKEEPER (LGM-118) (Total)	17.3	32.8	25.6	21.3
SUSTAINING ENGINEERING (O&M)	7.6	15.4	16.7	12.9
CONTRACT ENG TECH SVCS (O&M)	.5	.5	.4	.4
CONTRACTOR LOG SUPPORT (O&M)	8.2	15.7	7.1	6.5
DEPOT MAINTENANCE (IF)	1.0	1.2	1.4	1.5

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Sustaining Engineering: Incremental PMRT began in FY 1990. Includes support for integrated assessment of reliability, maintainability, aging and surveillance, accuracy, availability and nuclear hardness. Support includes survivability/vulnerability program, assessment, system engineering and technical assistance, ordinance engineering, mechanical engineering, electrical engineering, and software support. FY93 decrease reflects completion of safety reviews, analyses and studies of nuclear hardness systems.

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance, and emergency technical assistance on new support and test equipment which includes specific force integral receiver, depot support equipment, inertial measurement unit, third generation gyro, guidance and control, arming/fuzing, and reentry.

Contractor Logistics Support (CLS): Provides support for the Peacekeeper trainers and related repair/servicing including contractor operated/maintained base supply (COMBS), parts exchange, field support, and bench stock. Instrumentation and Flight Safety System (IFSS) support began in FY89 and consists of vehicle-borne tracking, safety, telemetry and data acquisition devices of the Airborne Vehicle Equipment (AVE), and Support Equipment comprised of ground-based test and data processing equipment. FY92 decrease reflects completion of initial nuclear hardness testing started in FY91.

Depot Maintenance: Work includes major unprogrammed maintenance of LGM-118A missiles in the launch environment and responses to requests for depot level assistance. This will include removal and replacement of all operational reentry systems, failed missile stages, and operational test missiles.

11312/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
EC-135 VVABNCP WORLDWIDE AIRBORNE COMMAND POST) (Total)	3.9	5.8	4.4	1.6
SUSTAINING ENGINEERING (O&M)	1.2	2.3	1.2	1.1
INTERIM CONTRACTOR SPT (O&M)	2.0	2.6	3.2	.5
DEPOT MAINTENANCE (IF)	.7	.9	0	0

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Sustaining Engineering: Support includes electromagnetic compatibility (ECM) engineering, frequency management, and EMC measurement support of the World-Wide Airborne Command Post (WVABNCP) system program office. Also included is engineering support for aspects of nuclear survivability, system engineering and integration support, and conducting cost/technical trade studies to project, initiate, review, and implement WVABNCP operations and maintenance requirements. FY92 decrease reflects completion of long range planning and Digital Airborne Intercommunications Switching System (DAISS) integration in FY91.

Interim Contractor Support (ICS): Support is provided for six EC-135 systems including the Ground Wave Emergency Network (GWEN), KG-84A, Pacer Link I&II, WIM, and WVABNCP ADP. ICS is required to provide repair components until organic maintenance is available. Pacer Link depot level ICS is required through FY 1993.

Depot Maintenance: Contractor support is not required in FY 1992 or FY1993.

11316

**WEAPON SYSTEM/
CONTRACT CATEGORY**

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
SAC AUTOMATED COMMAND AND CONTROL SYSTEM (SAACS)	1.2	4.1	4.4	4.5
SUSTAINING ENGINEERING CONTRACTOR LOGISTICS SPT	1.2 0	.6 3.5	.6 3.8	.6 3.9

SUSTAINING ENGINEERING: Provides contract engineering support to include design interface and software updates and changes for 36 Strategic Air Command (SAC) command and control locations worldwide. This system is critical to the successful accomplishment of the SAC mission.

CONTRACTOR LOGISTICS SUPPORT (CLS): Provides contract support for depot level maintenance of SAACS components to include parts replenishment.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

12431/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
DEFENSE SUPPORT PROGRAM (Total)	16.4	5.1	4.9	4.8
CONTRACT ENG TECH SVCS (O&M)	15.4	5.1	4.9	4.8
INTERIM CONTRACTOR SPT (O&M)	1.0	0	0	0

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance in the evaluation of unusual field problems, and emergency technical assistance.

Interim Contractor Support (ICS): Required for commercial computer hardware and program unique software. Upgrades to the systems included in the DSP are being accomplished over such a short time frame that the support equipment, tech data, and spares cannot keep pace. ICS is needed for spares support and support equipment until organic capability is developed for operations in FY 1991.

12897

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
F-106 (Total)	.1	.2	.2	.2
CONTRACT ENG TECH SVCS (O&M)	.1	.7	.7	.7

Contract Engineering Technical Services (CETS): Provides on-site training in evaluating unusual problems.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27128/27136/27213/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
F-4 AND RF-4 (Total)	22.3	11.9	14.4	8.5
SUSTAINING ENGINEERING (O&M)	4.4	.2	3.0	2.9
CONTRACT ENG TECH SVCS (O&M)	.5	1.3	1.0	1.0
CONTRACTOR LOG SUPPORT (O&M)	5.5	9.0	7.8	3.4
INTERIM CONTRACTOR SPT (O&M)	1.0	1.4	2.2	.7
DEPOT MAINTENANCE (IF)	10.9	0	.4	.5

Sustaining Engineering: Includes engineering services in the area of structural, electrical, mechanical, and fluid design; hardware and software avionics; aerodynamics, aircraft/stores compatibility, thermodynamics, and propulsion technical integration; stress, weights, structural dynamics, material and processes, and load engineering technology; system/nuclear safety analysis; mishap investigation, program coordination; on-site data collections, analysis of field conditions, and assistance in development of computer programs for reliability centered maintenance program; and feasibility studies, and flight manual maintenance support. These tasks had been deferred in FY91 due to the planned phase-out of the RF-4C from the active inventory. The increase in FY92 reflects the resumption of these tasks as the RF-4s will remain in the inventory through FY 93.

Contract Engineering Technical Services (CETS): Provides technical services for airframe support equipment, AN/ALQ-186(V), and PAVE TACK pod in support of the F-4. Also provides proficiency training, technical guidance in the evaluation of unusual field problems, and emergency technical assistance.

Contractor Logistics Support (CLS): Support is provided for F-4E/G Weapon Systems Trainers and Operational Flight Trainers. Includes contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, and modification installations. This support coincides with Ready For Training of the Flight Simulator Upgrade Program. The decrease reflects the phase out of the weapon system from the active inventory.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Interim Contractor Support (ICS): Provides support for the Programmed Update Program (PUP) for the APR-38 used on the Wild Weasel F-4G aircraft. The PUP ensures software and hardware changes necessary to ensure the APR-38 can perform its mission of support of enemy air defense systems by updating its electronic order of battle. Also provides support for the RF-4C Navigation Weapons Delivery System (NWDS) consisting of depot level repair required following completion of trial installation of the NWDS. Contractor has repair responsibility until the warranty expires.

Depot Maintenance: As the F-4 retires, contractor support for Analytical Condition Inspections (ACI) and Programmed Depot Maintenance (PDM) substantially declines.

11115/27129/27252/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993	
	ACTUAL	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
F-111/FB-111/EF-111 (Total)	91.8	90.3	91.1	86.0				
SUSTAINING ENGINEERING (O&M)	20.0	14.6	14.8	15.7				
CONTRACT ENG TECH SVCS (O&M)	1.0	1.1	.9	.9				
CONTRACTOR LOG SUPPORT (O&M)	9.6	7.8	8.4	8.0				
INTERIM CONTRACTOR SPT (O&M)	16.1	18.9	18.4	2.1				
DEPOT MAINTENANCE (IF)	45.1	47.9	48.6	59.3				

Sustaining Engineering: Tasks include investigation and evaluation of the background and circumstances concerning accidents/incidents and service revealed deficiencies; conduct feasibility studies, special studies, and studies of modifications; conduct system and subsystem tests to determine operational capability and efficiency; prepare new/revised drawings; provide for engineering services in identifying and resolving high demand rates and low mean time between failures (MTBF) on the AN/APQ-110/128/134/146 terrain following radar; install the AN/ARC-190 high frequency single side band radio in the F-111 weapon system trainers; provide Independent Validation and Verification (IV&V) assessment of the Unit Under Test (UUT), test program sets, and associated support software; assessment of the new or modified automatic test equipment hardware, support equipment, and software manufactured for the F-111 Avionics Intermediate Shops (AIS); and provide IV&V of software and software/hardware integration to the EF/FB-111 simulators and F/FB-111 software support centers.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance and emergency technical assistance for intermediate automatic test equipment, aircraft avionics system and avionics modernization program system.

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, parts exchange/transportation, field support, bench stock, and modification installations on the F-111A/D/E/F, EF-111A, and FB-111A weapon system trainers. FY93 decrease reflects completion of block update modification of four devices in FY92.

Interim Contractor Support (ICS): Support is provided for the F-111 AN/APQ-169 Attack Radar Set (ARS), the AN/APQ-171 Terrain Following Radar (TFR), the Digital Flight Control systems, the ALQ-99 receiver/transponder, and the ALQ-137 countermeasures system. The decrease is related to the development of limited organic capability as support equipment and data are delivered. Organic capability is projected to be fully developed in mid-FY93 for the TFR and ARS; therefore, the requirements decrease between FY92 and FY93.

Depot Maintenance: The increases in FY 1992 and FY 1993 are due to realignments of workload. The increase in FY 1993 is a further realignment of workload distribution into the British Aerospace (BAE) facility.

27130/27134/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
F-15 (Total)	90.4	83.7	118.1	117.9
SUSTAINING ENGINEERING (O&M)	15.2	14.7	17.0	17.3
CONTRACT ENG TECH SVCS (O&M)	3.1	2.7	2.8	2.7
CONTRACTOR LOG SUPPORT (O&M)	16.0	20.2	34.3	38.0
INTERIM CONTRACTOR SPT (O&M)	23.9	32.0	29.5	14.9
DEPOT MAINTENANCE (IF)	32.2	14.1	34.5	45.0

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Sustaining Engineering: Provides technical support for USAF radar Operational Flight Programs; tests the response of the APG-63 operational flight program to foreign electronic countermeasures (ECM); develops block cycle changes to F-15 central computer and radar data processor operational flight programs; supports the avionics integrated support facility; provides aircraft stores compatibility; supports a full-scale vibration program for the F-15 vertical stabilizers; and provides flight test data on the force and strain levels. FY92 increase supports a requirement to simulate aircraft systems software to isolate logic errors in Operation Flight Programs.

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance, and emergency technical assistance for automatic test equipment, avionics integrated support specification radar (APG-63), aircraft secondary power, F100/F200 engine fuel air accessibility, TF39/T56 integrated blade inspection of F100 engine, field/depot level autonetics manual test system, data communication terminal, integrated communication control panels, F100 engine retirement cause, support on the F100PW100, PW200, PW220 engine systems.

Contractor Logistics Support (CLS): Provides contractor maintenance for F-15A/B operational flight trainers, two F-15C/D operational flight trainers and F-15E weapon system trainers. CLS for these trainers include contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, and modification installations. The increase in FY92 supports five additional F-15E devices that will be delivered during the year for a total of eight devices that will be supported, as well as nine additional F-15C/D flight trainers for a total of 14.

Interim Contractor Support (ICS): Includes repair requirements on F-15s with the Multi-Stage Improvement Program (MSIP) modification. Prime equipment design instability and the resultant delay in depot support equipment development drives the need for ICS. ICS is provided for the ALQ-135C-Band and ALR-56C electronic warfare systems as well as the Tactical Electronic Warfare System (TEWS), the TEWS Intermediate Support System (TISS), and the F-15E Integrated Antenna Test Station (IATS). The FY 1991 increase is the result of support of full operations with these systems. The decrease between FY92 and FY93 occurs as the ALR-56C and ALQ-135C-Band transition to organic support.

Depot Maintenance: Although the number of aircraft through PDM remain relatively constant, the scope of the work package increased due to addition of wing spar crack repair. This structural problem was discovered during the first PDM inputs in FY 1989 and the outyears have been adjusted.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27131/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
A-10 (Total)	6.2	5.4	.1	.1
SUSTAINING ENGINEERING (O&M)	4.4	3.3	0	0
CONTRACT ENG TECH SVCS (O&M)	.7	.8	0	0
CONTRACTOR LOG SUPPORT (O&M)	1.0	1.2	0	0
DEPOT MAINTENANCE (IF)	.1	.1	.1	.1

Sustaining Engineering: Provide contractor assistance for the service life monitoring program (SLMP). Service revealed deficiencies and safety related defects undergo intensive analytical engineering studies to identify the proximate cause of the problems. Flight test includes instrumentation support, data reduction support, engineering analysis support, LASTE engineering range support, and target support. Although the requirement is \$4.8M and \$4.9M in FY92 and FY93, respectively, fiscal constraints cause this requirement to be unfunded.

Contract Engineering Technical Service (CETS): Provides proficiency training, technical guidance, and emergency technical assistance on systems and equipment associated with the A-10. These include TF-34-GE-100 engine, KC-135 turbine engine monitoring system (TEMS) airborne electronics, KC-135R TEMS intermediate and depot level repair support equipment, and A-7D/K, AN/AAS-35(V) target identifier. The requirement is \$1.4M in FY92 and in FY93, but fiscal constraints preclude funding.

Contractor Logistics Support (CLS): Provides contractor support for A-10 operational flight trainers and includes contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, and modification installations. The requirement is \$1.3M in FY92 and in FY93, but is unfunded due to fiscal constraints.

Depot Maintenance: Depot level maintenance is constant at 15 inputs per year.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27133/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
F-16 (Total)	31.1	30.1	41.3	38.1
SUSTAINING ENGINEERING (O&M)	14.2	11.9	12.1	11.2
CONTRACT ENG TECH SVCS (O&M)	3.8	3.6	2.6	3.2
CONTRACTOR LOG SUPPORT (O&M)	6.5	7.9	18.2	17.0
INTERIM CONTRACTOR SPT (O&M)	6.5	6.5	8.1	6.0
DEPOT MAINTENANCE (IF)	.1	.2	.3	.7

Sustaining Engineering: Provides engineering assistance to evaluate proposed changes, explore alternate solutions, and implement desirable alternatives to the F-16 radar (AN/APG-66), semi-conductor parts control analysis, and avionics system engineering. Provides engineering services for analysis of reported material deficiency reports, teardown deficiency reports, mechanical systems engineering, stores certification, and the aircraft structural integrity program. Also included is software engineering support for the operational flight program, avionics intermediate shop and depot software support.

Contract Engineering Technical Services (CETS): Provides technical services for airframe escape system landing gear equipment, fly by wire electronic control, flight simulations, and ejection seats. On-site proficiency training, technical guidance and advice is provided to operational field commands.

Contractor Logistics Support (CLS): Provides support for the F-16A/B Operational Flight Trainer (OFT) and the F-16C/D weapon system trainer. Operational support includes contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, and modification installations. Increase in FY 92 supports nine additional F-16C/D training sites and ten additional devices for a total of 21 sites and 24 devices, respectively.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Interim Contractor Support (ICS): Support provides for repair of avionics systems, exchangeables, and support equipment. Funding increases as programmed deliveries increase the number of F-16s in the Air Force inventory to be supported with no organic repair for Block 40/50 improvements capability.

Depot Maintenance: This aircraft does not currently have a scheduled PDM program. The major workload on these aircraft is repair and other maintenance.

27141

<u>WEAPON SYSTEM/ CONTRACT CATEGORY</u>	<u>FY 1990 ACTUAL</u>	<u>FY 1991 ESTIMATE</u>	<u>FY 1992 ESTIMATE</u>	<u>FY 1993 ESTIMATE</u>
F-117A (Total)	0	0	14.8	0
SUSTAINING ENGINEERING (O&M)	0	0	14.8	0

Sustaining Engineering: The F-117A transitions into the unclassified areanareffective in FY92. Funding reflected above is a transfer and not program growth as sustaining engineering is funded in the Special Program account in FY90 and FY91. All engineering support for aircraft systems, avionics, ground support equipment, mission planning system, threats analysis and operational support systems is included. This effort includes long term fatigue and component life determination; system analysis; threats analysis; mission planning support; flight test support; mockup, integration support facilities and laboratory support. This weapon system is totally supported by contract as no organic capability exists. The decrease in FY93 is not reflective of the requirement but represents a funding shortfall that must be corrected prior to next year's budget.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27161

WEAPON SYSTEM/
CONTRACT CATEGORY

FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE

TACTICAL AIR-TO-AIR INTERCEPT
MISSILES (AIM-7 & AIM-9) (Total)

.9	1.4	1.5	1.4
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SUSTAINING ENGINEERING (O&M)

.9	1.4	1.5	1.4
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Sustaining Engineering: Contract support includes performance testing of the aged AIM-7 Sparrow explosive components (rocket motors, warheads, and fuzing components).

27162

WEAPON SYSTEM/
CONTRACT CATEGORY

FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE

TACTICAL AIR-TO-GROUND MISSILES
(AGM-45 & AGM-78) (Total)

.2	2.5	2.6	2.1
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SUSTAINING ENGINEERING (O&M)

.2	2.5	2.6	2.1
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Sustaining Engineering: Provides AGM missile components reliability tests and analysis. This support assures any degradation affecting system readiness is detected and corrected before the Tactical Air Forces mission capability is impaired. Contract support is a joint venture with the Navy who has executive management responsibility for the AGM-45 and AGM-78.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27165

<u>WEAPON SYSTEM/ CONTRACT CATEGORY</u>	<u>FY 1990 ACTUAL</u>	<u>FY 1991 ESTIMATE</u>	<u>FY 1992 ESTIMATE</u>	<u>FY 1993 ESTIMATE</u>
STANDOFF ATTACK WEAPON (GBU-15) (Total)	0	0	.7	.6
SUSTAINING ENGINEERING (O&M)	0	0	.7	.6

Sustaining Engineering: The GBU-25 weapon system has been in the field since 1983. The system is used for high value, critical targets. A life cycle testing program is required to measure system reliability and safety as it ages. Funding in FY92 and FY93 is to conduct life cycle testing on GBU-15 components, including television and infrared guidance units and flight control actuators and control units.

27222

<u>WEAPON SYSTEM/ CONTRACT CATEGORY</u>	<u>FY 1990 ACTUAL</u>	<u>FY 1991 ESTIMATE</u>	<u>FY 1992 ESTIMATE</u>	<u>FY 1993 ESTIMATE</u>
KC-10 (Total)	65.7	69.1	76.6	82.0
CONTRACTOR LOG SUPPORT (O&M)	65.7	69.1	76.6	82.0

Contractor Logistics Support (CLS): Support includes contractor operated and maintained base supply, flying hour support, base activation, out of scope support, engineering support, and modification installations. This weapon system is totally supported by contract as no organic capability exists. The increase in FY92 and FY93 is required to comply with FAA direction to inspect all engines on the entire fleet of 59 aircraft. The inspection results from the Sioux City, IA DC-10 crash.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
A-7 (Total)	.3	0	.7	.4
INTERIM CONTRACTOR SPT (O&M)	.3	0	.7	.4

Interim Contractor Support (ICS): ICS will be used to support the A-7 Corsair Avionics System Tester (CAST) while organic support is being developed. It will provide on-site repair/overhaul services and in-plant depot level maintenance. Verified tech orders will be delivered with each test system.

27313/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
MAVERICK (AGM-65) MISSILE (Total)	1.0	.9	1.1	1.2
SUSTAINING ENGINEERING (O&M)	.8	.8	1.0	1.1
DEPOT MAINTENANCE (IF)	.2	.1	.1	.1

Sustaining Engineering: Support includes continued maintenance of the G300B data system and data analysis and increased reliability of the TGM-65A/B through modification improvements. Other efforts include failure analysis and system assessment. FY 92 increase supports the investigation of system reliability problems involving missile launchers and depot test equipment.

Depot Maintenance: Contractor support for periodic inspection of up-round missiles in extended storage. If these inspections indicate a requirement to repair either the hydraulic actuating system (HAS) or the guidance and control system (G&C), these components are removed and forwarded to the depot for repair.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
ANRAAM (AIM-120) (Total)	.8	1.7	3.7	5.0
INTERIM CONTRACTOR SPT (O&M)	.8	1.7	3.7	5.0

Interim Contractor Support (ICS): The Advanced Medium Range Air-to-Air Missile (ANRAAM) has been designated a major acquisition program currently in the full scale development phase of acquisition. The ANRAAM will be introduced into the inventory and used on the F-14, F-15, F-16, and F-18. Until an organic facility is established in FY95, ICS must be used.

27314

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
GROUND LAUNCHED CRUISE MISSILE (BGM-109) (Total)	5.7	.4	0	0
SUSTAINING ENGINEERING (O&M)	1.0	.1	0	0
CONTRACT ENG TECH SVCS (O&M)	.5	0	0	0
CONTRACTOR LOG SUPPORT (O&M)	4.2	.3	0	0

Sustaining Engineering: Support is initiated to include developing the reliability analysis/tracking program. Requirements also include Nuclear Safety Cross-Check Analysis and Independent Validation and Verification of the nuclear critical components of the GLOM software and firmware. The Intermediate Nuclear Forces (INF) Treaty has changed the emphasis to engineering support of the system drawdown and destruction, which no longer requires engineering support in FY92.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contractor Logistics Support (CLS): Provides management services, contractor acquired property, and depot repair of missiles at continental United States (CONUS) locations. The decrease is a net effect whereby recertifications, test support, and unscheduled maintenance costs decrease due to the INF Treaty

72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
ALQ-131 (Total)	3.0	3.0	0	0
INTERIM CONTRACTOR SPT (O&M)	3.0	3.0	0	0

Interim Contractor Support (ICS): Contract support is required for the AN/ALQ-131 Block II ECM POD and the ALQ-131 Receiver Processor. The ALQ-131 Block II pods are externally mounted on frontline fighter aircraft and used to jam enemy threats. ICS is required to support the pod system (including support equipment) for total maintenance and logistics. The ALQ-131 Receiver Processor is a module to enhance the capability of the Block II ECM pods. The receiver processor recognizes enemy threats, prioritizes and selects between them and concentrates jamming power against the highest priority threat. ICS funds are also required pending development of an organic depot level maintenance capability. Due to numerous design changes to meet the ever changing electronic counter measures (ECM) threat environment it is more economical early in the life of this system to retain contractor support versus develop an organic support that becomes obsolete almost immediately. These systems will be organic by FY92.

27412

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
SYSTEM TRAINER EXERCISE MODULE (Total)	3.6	.5	7.5	7.6
CONTRACTOR LOG SUPPORT (O&M)	3.6	.5	7.5	7.6

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

CONTRACTOR LOGISTICS SUPPORT: The AN/SPY-11 (STEM) is used to conduct and evaluate radar crew training exercises. By use of prepared scenarios for realistic simulation of air situations including pilot actions and simulated radar video, the STEM trains individual operators, section crews, and full operations crews in a variety of missions. Contractor Logistics Support (CLS) covers all levels of maintenance, including bench stock for seventeen units located at fifteen operating bases and sites. The requirement in FY91 is \$7M which will be worked as an FY91 execution problem.

27417172207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
E-3 (Total)	12.8	6.8	13.2	12.7
SUSTAINING ENGINEERING (O&M)	11.7	4.9	4.9	5.0
CONTRACT ENG TECH SVCS (O&M)	.2	.6	.6	.6
INTERIM CONTRACTOR SPT (O&M)	0	1.3	2.6	2.1
CONTRACTOR LOGISTICS SUPPORT (O&M)	.9	0	5.1	5.0

Sustaining Engineering: Supports the E-3 aircraft and the AN/APY-1 and AN/APY-2 control surveillance radar. Contract support provides materiel deficiency report evaluations, system engineering assistance, conducts investigations and feasibility studies, generates engineering change proposals for radar reliability and maintainability improvements, maintenance, upkeep of radar engineering facility subsystem, complete radar monitor software tool and provide E-3 software correlation, software support for the E-3 navigational computer system to include special studies of software deficiencies and coding changes to fix the problem, and update to operational software. Tasks include initial support of Electronic Support Systems enhancement to the E-3, redesign of the Life Cycle Support Facility test stand, and software modifications for printed circuit card update and related software changes to update the navigation system.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance, and emergency technical assistance for AWACS communication functional group hardware, AN/APY-1 and AN/APY-2 NATO surveillance radar, new start on NATO, PEACH Sentinel APAX 103 system.

Interim Contractor Support (ICS): Provides repair and maintenance support to the E-3A and E-3A Joint Tactical Information Distribution System (JTIDS) of those items which have not been transitioned to Air Logistics Centers. ICS is the only contract which can provide these services until tech data has been delivered to the Air Force. Lack of test program sets and tech data attributed to lack of design stability for JTIDS, therefore, is keeping this program under ICS. The increase in FY 1991 is the result of supporting the Have Quick - ANET system being added to the E-3 to provide anti-jamming radio capability.

Contractor Logistics Support (CLS): Provides parts exchange, parts transportation, field support and bench stock for the Electronic Support System (ESS) which is a classified system installed on 34 E-3 aircraft to enhance surveillance capability. Only limited support has been provided prior to FY92.

27418

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993	
	ACTUAL	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
OV-10 (Total)	.1	.2	.4	.4	.4			
SUSTAINING ENGINEERING (O&M)	.1	.2	.4	.4	.4			

Sustaining Engineering: Support includes teardown inspection of major components, safety investigations, and reliability/maintainability efforts. Also included is support of OV-10 propeller system modification to a fiberglass bladed propeller.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

27597

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
E-9A (AIRBORNE PLATFORM/TELEMETRY RADAR) (Total)	1.1	1.1	1.1	1.2
CONTRACTOR LOG SUPPORT (O&M)	1.1	1.1	1.1	1.2

Contractor Logistics Support (CLS): Contractor support is required for maintenance of the E-9A. The E-9A (formerly Airborne Platform/Telemetry Relay System) is part of the Gulf Range upgrade. The system provides the instrumentation necessary to support low altitude testing over the Gulf range and support of DT&E, OT&E and Weapon System Evaluation Program (WSEP). Two commercial off-the-shelf/FAA certified aircraft have been procured and modified/configured to incorporate instrumentation subsystems including: sea surveillance radar and datalink subsystem, UHF voice communication subsystem, and TM relay subsystem.

27597

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
COMPUTER BASED INSTRUCTIONAL TRAINING SYSTEM (CBITS) (Total)	.3	.6	.6	.6
CONTRACTOR LOG SUPPORT (O&M)	.3	.6	.6	.6

Contractor Logistics Support (CLS): Includes all levels of maintenance including parts transportation and benchstock. The CBITS provides initial training in the infrared arena. The initial concept includes video disc based instruction providing academically oriented training to the aircrew via interactive CRT terminals.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

28021

**WEAPON SYSTEM/
CONTRACT CATEGORY**

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
AN/TLO COMFY SWORD (Total)	.1	0	2.2	2.2
CONTRACTOR LOG SUPPORT (O&M)	.1	0	2.2	2.2

Contractor Logistics Support (CLS): Includes parts exchange, parts transportation, a COMBS, and maintenance for the Comfy Sword system. This system is a module, ground based electronic combat training system with the capability to generate a jamming and deception electromagnetic environment for training friendly aircrews. The requirement in FY91 is \$2.4M, consequently, the zero funding level represents an execution problem.

27597/72207

**WEAPON SYSTEM/
CONTRACT CATEGORY**

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
LANTIRN PTT (LOW ALTITUDE NAVIGATION AND TARGETING INFRARED SYSTEM FOR NIGHT PART TASK TRAINER (Total))	7.7	5.4	6.4	1.9
CONTRACTOR LOG SUPPORT (O&M)	.6	.6	.6	.6
INTERIM CONTRACTOR SPT (O&M)	7.1	4.8	5.8	1.3

Contractor Logistics Support (CLS): Provides contractor operated and maintained base supply, parts exchange/transportation, field support, bench stock, and other maintenance. LANTIRN part task trainers will be used to train pilots in the modes of operation, switchology, and symbology required to operate LANTIRN.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Interim Contractor Support (ICS): Provides repair of fielded navigation pods associated with LANTIRN. The LANTIRN FCS pods are to be produced for F-16C/D and F-15E aircraft. ICS will provide for set up and repair of LANTIRN Intermediate Test Stations, plus the repair of SRUs and LRUs at the Intermediate and Depot level. The projected Support Equipment delivery date of the first set of SE to field units is Feb 89. Full organic capability at the intermediate level is projected for Aug 90, with full depot level organic capability projected for FY92 on the navigation pods and FY93 on the targeting pods. Both depot support for the pods, as well as organic capability for the support equipment, will be fully implemented by the end of FY 1993.

27597/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993	
	ACTUAL	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
OA-37 INSTRUMENT FLIGHT TRAINERS (IFT) (Total)	.3	.2	.2	.2	.2	.2	.2	.3
CONTRACTOR LOG SUPPORT (O&M)	.2	.2	.2	.2	.2	.2	.2	.2
DEPOT MAINTENANCE (IF)	.1	0	0	0	0	0	0	0

Contractor Logistics Support (CLS): Provides maintenance support for the OA-37 Instrument Flight Trainer. The OA-37 IFT (A/F37A-T4D) is used to train OA-37 pilots in basic instrument flying and emergency procedures.

Depot Maintenance: The contractor requirements are the scheduled maintenance program for wing spar repair.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

32015

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
E-4 (Total)	26.7	26.8	30.5	30.1
SUSTAINING ENGINEERING (O&M)	2.9	5.6	1.6	1.5
CONTRACTOR LOG SUPPORT (O&M)	23.8	21.2	28.9	28.6

Sustaining Engineering: Contract support provides survivability/vulnerability analysis of services publications, modifications, mission changes, service revealed deficiencies, up-to-date data files, in-flight emergency engineering support, investigations and corrective action through engineering change proposals on avionics, support and operation of the system integration laboratory for the E-4B embedded computer systems software, system engineering support, and long range planning. Decrease in FY92 reflects completion of upgrade of the System Integration Laboratory and constrained funding which necessitates deferring long range planning tasks.

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, exchange of serviceable items for repairable, field support for complex problem solving and technical advice, incorporation of time compliance technical orders, technical data distribution, corrosion control, emergency repairs, modification installations, and other support functions. The increase in FY92 is for support of the CF6-50E engine.

35130

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
AIR FORCE SATELLITE CONTROL NETWORK (AFSCN) (Total)	0	0	21.8	25.6
SUSTAINING ENGINEERING (O&M)	0	0	21.8	25.6

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Sustaining Engineering: AFSCN Program Management Responsibility Transfer (PMRT) from Air Force Systems Command (AFSC) to Air Force Logistics Command (AFLC) occurs in December 1991. Prior to this time the system is supported with RDT&E funds. AFSCN segments/elements feature extensive use of embedded computer systems. Sustaining Engineering is required to analyze the configuration of embedded computer systems and ground communication electronic systems by conducting hardware/software compatibility and mission impact studies, develop technical data and analyze maintenance data to determine overall system reliability. The increase in FY93 is required to analyze potential hardware changes on the mission effectiveness of software. Failure to identify these flaws in a timely manner will cause loss of satellite communications or telemetry data. The communications and data are required to monitor the status of all satellites impacting weather, surveillance, early warning, navigation and communications support for AirForce and other DOD missions.

35164/35165/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990			FY 1991		FY 1992		FY 1993	
	ACTUAL	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
GLOBAL POSITIONING SYSTEM (Total)	2.1	.8	5.2	14.5					
SUSTAINING ENGINEERING (O&M)	1.2	0	4.3	5.1					
CONTRACT ENG TECH SVCS (O&M)	.4	.1	.1	.1					
CONTRACTOR LOG SUPPORT (O&M)	.4	.3	.3	.3					
INTERIM CONTRACTOR SPT (O&M)	.1	.4	.5	9.0					

Sustaining Engineering: Engineering efforts have been consolidated for space systems at the Sacramento Air Logistics Center (SM-ALC). The increase in FY92 reflects the program management responsibility transfer from AFSC to AFLC in June 1991. Engineering tasks performed include software integration, equipment reliability assessment, hardware deficiency analysis, and engineering change proposals for system upgrade.

Contracting Engineering Technical Services (CETS): CETS are provided for the Global Positioning System and includes support on the FSC-141, 132, 178, and FSN-4 equipment. The Air Force needs contractor technical experts to perform training and consultation to enable maintenance, support and logistics personnel to become sufficient in supporting the GPS Control Segment.

AIR FORCE - ACTIVE CSM
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contractor Logistics Support (CLS): NAVSTAR GPS is the next generation navigation system and will replace existing systems in the 90's. Systems such as TACAN and LORAN will be decommissioned and not be available for use. The control segment is the ground equipment used to determine satellite orbits and to update the navigation message.

Interim Contractor Support (ICS): The NAVSTAR GPS was developed to provide worldwide highly precise position, velocity and time information to users. The increase in FY93 is due to the number of systems modified by FY93.

722071

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
F100PW229 ENGINE (Total)	0	0	2.1	4.6
INTERIM CONTRACTOR SUPPORT (CSM)	0	0	2.1	4.6

The F100PW229 engine is a derivative of the F100PW220 engine which will be installed on the F-15E and F-16 C/D aircraft. The engine is new in design and performance and has a new gas path and incorporates the use of drum motors in the inlet fan and core modules. Base activations will begin in 1992. ICS is required to support this engine due to the new technology being introduced and the delay in developing the support equipment needed to test and overhaul items.

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
RC-135/C-130 (BIG SAFARI) (Total)	170.7	185.9	190.6	158.4
DEPOT MAINTENANCE (IF)	170.7	185.9	190.6	158.4

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

The BIG SAFARI program covers 60 special mission RC-135 and C-130 aircraft. Costs include planned depot maintenance, modification/upgrade installs, contractor field services, and depot support. Annual cost changes are primarily driven by inflation and increase/decrease in the number of programmed depot maintenance inputs. Certain costs are fleetwide in nature (level of effort) and change with inflation. This program also supports the Combat Talon I aircraft.

84741/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
T-38 (Total)	51.7	33.1	42.5	40.3
SUSTAINING ENGINEERING (O&M)	1.9	1.1	1.1	1.1
CONTRACTOR LOG SUPPORT (O&M)	4.6	3.3	2.7	2.8
DEPOT MAINTENANCE (IF)	21.0	4.5	13.9	11.0
OTHER	24.2	24.2	24.8	25.4

Sustaining Engineering: Includes a continuation of the damage tolerance analysis (DTA) and contractor flight loads data recorder program for non-severe usage and Cockpit Enclosure modification support.

Contractor Logistics Support (CLS): Support is provided for the T-38 Instrument Flight Trainers which provide initial training for new pilots. The 22 T-38 simulators are used to augment ATC's Undergraduate and Instructor Pilot Training Program at six training bases.

Depot Maintenance: The decreases between FY 1990 and FY 1992 are due to a decreased input to the Depot Economy Repair Program. FY 1992 begins correction of items found as a result of DTA.

Other: Air Training Command organizational level contractor support for flight-line maintenance support (versus normal military mechanics and technicians).

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

847411/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
T-37 (Total)	10.4	2.6	4.4	2.2
NAVIGATIONAL TRAINING				
SUSTAINING ENGINEERING (O&M)	1.7	1.2	1.2	1.2
DEPOT MAINTENANCE (IF)	8.5	1.2	3.0	.8
OTHER (O&M)	.2	.2	.2	.2

Sustaining Engineering: Support includes the durability and damage tolerance analysis update and the aircraft structural integrity program and development of software to be used for the reduction of T-37 MU flight loads data recorder data. Contractual support is expanded in FY90/91 to assure the airworthiness and operational capability of the fleet beyond FY 2000. Services include alternative part evaluations, quality deficiency analysis, problem investigation and resolution, on-site aircraft mishap support, assessment of damage and design of repairs for damaged aircraft, and instrumentation and data reduction.

Depot Maintenance: A new program began in FY 1989 to inspect/repair the structural integrity of the T-37 fleet. The first phase of this program is a Damage Tolerance Assessment (DTA) which began in FY 1989. This phase extended into FY 1991 and dovetails with the follow-on modification called the Structural Life Extension Program (SLEP). The large decrease between FY 1990 and FY 1991 is due to the DTA program phasing down. Increase in FY 1992 supports repair of items found during DTA.

Other: Air Training Command contract simulator support (Link trainers) for student pilot training.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
T-37/T-38 (Costs not identifiable to just one system) (Total)	72.8	75.0	76.4	78.3
OTHER (O&M)	72.8	75.0	76.4	78.3

Other: Air Training Command organizational level contractor support for flight-line maintenance support (versus normal military mechanics and technicians). Program increases as additional bases contract out flight line support versus in-house civilian or military technician support. Support costs cannot be tied to just one weapon system since the same contract personnel will work on both aircraft, and bench stock can be used to a large extent on both aircraft also.

84742

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
T-43A (Total)	16.2	10.3	6.5	6.3
CONTRACTOR LOG SUPPORT (O&M)	15.2	10.3	6.5	6.3
OTHER (O&M)	1.0	0	0	0

Contractor Logistics Support (CLS): Provides contractor operated and maintained base supply, field support, maintenance data, and parts exchange related to flying hours. Fourteen aircraft are supported at Mather AFB, CA and one at Ramstein AB, GE. The T-43A aircraft serve as navigator trainers for Air Training Command. The decrease in FY92 results from completion of engine overhaul requirements.

Other: Air Training Command contract simulator support (T-45/T-5 trainers) for student navigator training. Requirement is eliminated in FY 90/91 as the Tanker Transport Training System comes on line.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

41216/41314/87714

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-9 (Total)	25.1	26.2	47.4	47.5
CONTRACTOR LOG SUPPORT (O&M)	25.1	26.2	47.4	47.5

Contractor Logistics Support (CLS): Support includes contractor operated maintained base supply, over and above material support (out of cycle requirements), and planned depot maintenance for the C-9 aircraft. FY92 increase supports engine overhaul and repair due to FAA service bulletins concerning safety which double engine overhaul requirements.

41216

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
VC-137 (Total)	24.0	12.7	15.5	9.6
CONTRACTOR LOG SUPPORT (O&M)	24.0	12.7	15.5	9.6

Contractor Logistics Support (CLS): Includes management services, engineering services, system data, depot maintenance, field support, replenishment bench stock, component overhaul, and technical order updates. Includes intermediate and depot level support. This program is in direct support of the President and Vice President of the United States, cabinet members, and other dignitaries. The decrease funding in FY91 thru FY93 represents the contrained funding for AF contract support and is an execution problem for these years.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

41315

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-27 STOL (Total)	0	9.0	9.4	9.1
CONTRACTOR LOGISTICS SUPPORT (O&M)	0	9.0	9.4	9.1

Contractor Logistics Support: The C-27 is a turbine-powered short take-off and landing (STOL) aircraft required to provide U.S. Southern Command with intratheater airlift support with the capability to rapidly deliver troops and cargo to forward areas. CLS provides supplies and spare parts, data, technical manuals, engine, propeller and lander gear maintenance as well as Programmed Depot Maintenance.

41897

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-17 (Total)	3.2	.6	24.3	24.1
CONTRACTOR LOG SUPPORT (O&M)	0	.4	.5	.7
INTERIM CONTRACTOR SPT (O&M)	3.2	.2	23.8	23.4

Contractor Logistics Support (CLS): The C-17 Maintenance Trainers are currently in acquisition. Initial site activation starts in FY91 and continues through FY 98. A total of five sites will be supported.

Interim Contractor Support (ICS): The C-17A is a Douglas aircraft wide body airlift aircraft designed to augment the current Air Force airlift force in both inter-theater and intra-theater operations. ICS will fund depot level repairs, lay-in of expense material, program management services, data services and operation of the contractor operated storage site. The ICS requirements are a yearly option to the acquisition contract. It will allow the contractor to demonstrate that system specifications can be met

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

and that support equipment can support the MAC mission using organic blue suit maintenance. ICS will fund contractor repair of any contractor furnished equipment repairables returned to his facility. Contract repair is required until T.O.'s are available, personnel are trained, support equipment (SE) demonstrated capability is accepted, and the SE plus support for SE are readily available.

41314

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-21A (Total)	22.8	24.8	27.5	28.5
CONTRACTOR LOG SUPPORT (O&M)	22.8	24.8	27.5	28.5

Contractor Logistics Support (CLS): Includes maintenance of the 79 C-21As and provides all levels of support: organizational, intermediate, and depot. The contract is based on the number of aircraft, locations, and the number of programmed flying hours which accounts for the increase in FY92.

41314

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-23 (Total)	8.0	7.1	0	0
CONTRACTOR LOG SUPPORT (O&M)	8.0	7.1	0	0

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, field support, bench stock, maintenance and repair, unplanned maintenance, and modifications. The contract is based on 18 aircraft and the flying hours. The decrease in FY92 reflects the retirement of the aircraft.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

41314

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-22A (SOUTHCOM) (Total)	4.0	3.0	0	0
CONTRACTOR LOG SUPPORT (O&M)	4.0	3.0	0	0

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, field support, data and technical order data, parts replenishment and repair, bench stock, parts transportation, aircraft maintenance and modifications, and engineering services. The requirement in FY92 and FY93 is \$5.5M and \$3.0M respectively and the zero funding represents an execution problem for those years.

41314

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-12 (Total)	11.3	11.8	15.5	14.6
CONTRACTOR LOG SUPPORT (O&M)	11.3	11.8	15.5	14.6

Contractor Logistics Support (CLS): Includes maintenance at all levels: organizational, intermediate, and depot. The contract is based upon programmed flying hours. The requirement in FY91 is \$16.7M which represents an execution problem.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

41216

**WEAPON SYSTEM/
CONTRACT CATEGORY**

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
VC-25 AF-1 (AIR FORCE ONE REPLACEMENT) (Total)	3.6	20.0	28.4	33.2
CONTRACTOR LOG SUPPORT (O&M)	3.6	20.0	28.4	33.2

Contractor Logistics Support (CLS): Contract support includes replenishment spare parts, base operations, technical order updates, engineering and depot level maintenance. Increase in FY92 supports two aircraft for a full year for the first time and also reflects the anticipated travel requirements of the President, as does the funding for FY93.

41216/41314

**WEAPON SYSTEM/
CONTRACT CATEGORY**

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-20 (Total)	20.4	20.9	24.4	23.0
CONTRACTOR LOG SUPPORT (O&M)	20.4	20.9	24.4	23.0

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, other maintenance support, and logistics data. Levels of support include organization, intermediate, and depot. The increase in FY92 is due to additional repairable generations that are required as the system ages and mid-life inspections required to assure compliance with safety standards.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

35114

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-29 (Total)	3.8	4.0	4.5	5.3
CONTRACTOR LOG SUPPORT (O&M)	3.8	4.0	4.5	5.3

Contractor Logistics Support (CLS): Includes contractor operated and maintained base supply, parts exchange and transportation, field support, bench stock, other maintenance support, and logistics data. Levels of support include organization, intermediate, and depot. Increases in FY92 and FY93 result from increased maintenance requirements resulting from an accelerated flying hour program which began in FY91.

41897/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-141 (Total)	3.5	3.2	3.7	3.9
SUSTAINING ENGINEERING (O&M)	.6	.5	.6	.7
CONTRACTOR LOG SUPPORT (O&M)	1.5	1.6	1.4	1.1
DEPOT MAINTENANCE (IF)	1.4	1.1	1.7	2.1

Sustaining Engineering: Provides support of Aircraft Structural Integrity Program and Systems Engineering. Support to resolve problems on the C-141 for fuel shutoff valve actuator, windshield sealing problem, and redesign of the main landing gear support structure. The increase in FY92 supports efforts to resolve flight control problems that have existed since the aircraft entered the inventory.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

Contractor Logistics Support (CLS): Provides support of the C-141 Aerial Refueling Part Tasks Trainer (ARPTT).

Depot Maintenance: The variances are attributable to the number of aircraft scheduled into depot.

41897/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-130 (Total)	7.3	5.0	10.9	9.9
SUSTAINING ENGINEERING (OSM)	2.0	1.2	1.8	1.0
INTERIM CONTRACTOR SPT (OSM)	2.9	2.0	4.2	2.0
DEPOT MAINTENANCE (IF)	2.4	1.8	4.4	6.9

Sustaining Engineering: Provides for a test program to evaluate the conditions and responses of the C-130 engine and propeller systems that occur during the four-engine power loss due to alternating current power fluctuations; C-130 condition assessment/improvement program (CA/IP) to include functional system checks, on aircraft inspections, component testing, teardown, and evaluation. The increase in FY92 is required to accomplish airworthiness inspections and assure airframe structural integrity.

Interim Contractor Support (ICS): The C-130 Self-Contained Navigation System (SCNS) is comprised of three basic systems - Inertial Navigation System (INS), Doppler Nav System (DNS) and Integrated Control Display Unit (ICDU). ICS will handle all depot repair of the SCNS components which are not presently being maintained/repared until organic support is available in FY92. The C-130 Adverse Weather Aerial Delivery System (AWADS) replacement radar is referred to as the Multi-Mode Radar (MMR). ICS will handle all depot repair of the MMR components which are not presently maintained/repared by the Air Force. Depot and I-level SE will not be delivered until mid-FY93. ICS will be used to support the C-130 Autopilot Ground Collision Avoidance System until depot repair can be established.

Depot Maintenance: The variances in contractor support are due to scheduling fluctuations for PDM.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

41897/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
C-5 (Total)	2.4	3.9	5.9	3.1
SUSTAINING ENGINEERING (O&M)	.2	1.2	1.8	.9
CONTRACT ENG TECH SVCS (O&M)	.4	.3	.4	.4
CONTRACTOR LOG SUPPORT (O&M)	1.7	2.4	1.9	1.8
DEPOT MAINTENANCE (JF)	.1	0	1.8	0

Sustaining Engineering: Support is primarily for Aircraft Structural Integrity Program and Systems Engineering. The increase in FY92 is required to accomplish airworthiness inspections in accordance with safety bulletins.

Contract Engineering Technical Services (CETS): Provides proficiency training, technical guidance in the evaluation of unusual field problems, and emergency technical assistance.

Contractor Logistics Support (CLS): Support is for the C-5 Aerial Refueling Parts Tasks Trainer (ARPTT) and the C-5 Maintenance Trainer.

Depot Maintenance: The FY 1992 support is for aircraft used for training and not covered by the Airlift Service Industrial Fund.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
HH/CH-3 (Total)	1.3	1.8	1.0	1.5
DEPOT MAINTENANCE (IF)	1.3	1.8	1.0	1.5

Depot Maintenance: This support is for the corrosion refurbishment and Analytical Condition Evaluation (ACE) program. Variance between years is due to quantity changes.

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
UH-1H/UH-1N (Total)	5.0	3.2	5.6	7.3
DEPOT MAINTENANCE (IF)	5.0	3.2	5.6	7.3

Depot Maintenance: Supports the ACE program. Variances between years is due to quantity changes.

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
CH/HH/MH-53 (Total)	2.1	2.8	5.3	4.1
DEPOT MAINTENANCE (IF)	2.1	2.8	5.3	4.1

Depot Maintenance: The variances are due to scheduled quantity changes.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
H/UH-60 (Total)	.1	.1	.1	.2
DEPOT MAINTENANCE (IF)	.1	.1	.1	.2

Depot Maintenance: Represents interservice repair accomplished by the Army and Navy for the Air Force.

44011/72207

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
SPECIAL OPERATIONS FORCES (SOF) (Total)	34.1	52.6	35.7	31.8
SUSTAINING ENGINEERING (O&M)	19.0	31.4	18.7	18.0
INTERIM CONTRACTOR SPT (O&M)	15.1	21.2	17.0	13.8

Sustaining Engineering: Sustaining engineering is provided for helicopters and fixed wing aircraft. Helicopter support includes airframe, avionics, hardware and software for the MH-53J (PAVE LOW), MH-60G (PAVE HAWK), H-3, and UH-1H helicopter. Fixed wing aircraft support includes all Special Operations Forces (SOF) unique configurations for the C-141B (SOLL II), AC-130H (Gunship), C-130 (Combat Talon I), C-130 P/N (SOF enhancement), C-130 AMADS (SOF enhancement) for avionics hardware and software. The decrease in FY92 results from completion of analysis of avionics problems in MC/AC-130s and H-53 helicopters.

Interim Contractor Support (ICS): ICS provides support for modified subsystems on Combat Talon I & II, the AC-130H (Gunship), and PAVE LOW systems. The decrease in FY 1992 and FY 1993 is primarily due to the support of the APQ-170 and AN/ASO-145A transitioning to organic blue suit maintenance.

AIR FORCE - ACTIVE O&M
SUMMARY OF CONTRACTOR SUPPORT BY WEAPON SYSTEM
(Dollars in Millions)

84741

WEAPON SYSTEM/ CONTRACT CATEGORY	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
TTTS (Total)	0	.9	.9	8.8
CONTRACTOR LOG SUPPORT (O&M)	0	.9	.9	8.8

Contractor Logistics Support (CLS): The Tanker-Transport System (TTTS) is a commercial, off-the-shelf, multi-engine aircraft that will be used by ATC for specialized undergraduate pilot training in the tanker transport track. Contract support includes supply and bench stock, technical data management, support equipment, and all airframe and engine maintenance. The first Main Operating Base (MOB) which will become operational in FY 1992. The increase in FY93 is for the second MOB and supports an increase in the aircraft inventory to a total of 46.

EXHIBIT OP-18 SUMMARY

TOTAL AMOUNT OF CONTRACT SUPPORT

(Dollars in Millions)

	FY 1990 ACTUAL	FY 1991 ESTIMATE	FY 1992 ESTIMATE	FY 1993 ESTIMATE
O&M APPN	\$1,215.3	\$1,131.2	\$1,376.2	\$1,310.6
IF APPN	\$403.4	\$340.8	\$376.0	\$374.3
TOTAL	\$1,618.7	\$1,472.0	\$1,752.2	\$1,684.9

AIR FORCE
CONTRACTS OVER \$50 MILLION
OPERATION AND MAINTENANCE (O&M) AND INDUSTRIAL FUND (IIF)
(\$ Millions)

COMMAND/TYPE OF CONTRACT	O&M OR IND. FUND	CONTRACTOR	SOLE SOURCE OR COMP			
			FY80	FY91	FY92	FY93

Air Force Systems Command (AFSC):

Titan IV Launch Support	O&M	Martin Marietta Aerospace Corp	\$148	\$128	\$0	\$0
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Funds support launch services for Titan IV launches at Cape Canaveral. Includes checkouts for liquid rocket engine, payload fairing and avionics. This contract was transferred to Missile Procurement in FY 92.

Inertial Upper Stage (IUS) Launch Services	O&M	Boeing	\$50	\$54	\$54	\$54
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This contract provides for integration and launch services for the inertial upper stage. This includes storage and logistic support, mission design, vehicle test, launch operations, realtime support to flight operations, and post flight reporting. The growth between FY 90 and FY 91 is due to additional independent verification and validation of mission flight software and vehicle test monitoring.

Command & Control	O&M	Lockheed	\$46	\$48	\$51	\$56
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Command and Control Sustaining Engineering (CCSE). Provides hardware maintenance and commercial license fees for new command and control data system recently acquired by Data Systems Modernization (DSM) Program. Growth between years is due to inflation only.

AIR FORCE
CONTRACTS OVER \$50 MILLION
OPERATION AND MAINTENANCE (OBM) AND INDUSTRIAL FUND (IF)
(\$ Millions)

COMMAND/TYPE OF CONTRACT	OBM OR IND. FUND	CONTRACTOR	SOLE SOURCE OR			
			COMP	FY90	FY91	FY92

Air Force Space Command (SPACE):

Center Technical Services	OBM	Computer Sciences Corp Corp-Raytheon	\$64	\$73	\$93	\$99
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This contract involves management, operations and maintenance of the facilities of the Eastern Space and Missile Center (ESMC) and Eastern Test Range (ETR). ESMC requires engineering and technical support to operate and maintain instrumentation, data transfer and data processing systems, control and support centers, and facilities. In addition, support is required to provide operations, planning and technical analysis support. Increase in FY 91 support increased launch rate. Growth in FY 92/93 provides engineering support necessary for safety and security improvements needed to meet AF Regulations; provide for installation of range upgrades; and provides for increased maintenance of range infrastructure needed to support launch schedule. This contract transferred to Space Command in FY 91.

Tactical Air Command (TAC):

Base Operation and Maintenance	OBM	Felec Serv Inc Corp	\$53	\$41	\$33	\$5
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This contract provides necessary manning for operating and maintaining the Distant Early Warning Radar and Communications Systems, related electronic equipment, real property facilities, and support areas. Services include administration, general management, operations, communications and electronic maintenance, civil engineering, logistics services, security, safety, personnel support, and operation and maintenance of utility system, ventilation, plumbing, sanitation, fire detection and alarms. The decrease between FY 90 and FY 91 is due to the turnover of north warning sites to Canada and realignment of Alaskan sites to PACAF. TAC will recomplete the contract for fiscal years FY 1992-94, therefore, the estimates provided for FY 1992-93 are subject to change.

AIR FORCE
CONTRACTS OVER \$50 MILLION
OPERATION AND MAINTENANCE (OBM) AND INDUSTRIAL FUND (IF)
(\$ Millions)

COMMAND/TYPE OF CONTRACT	OBM OR IND. FUND	CONTRACTOR	SOLE SOURCE OR COMP			
			FY90	FY91	FY92	FY93

Air Force Space Command (SPACE)

Network Support	OBM	Ford Aerospace Corp	\$71	\$60	\$58	\$56
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The Network Support Program contract provides for round-the-clock operations, maintenance, and logistics support of the Air Force Satellite Tracking Group. Functions include command, control and track space vehicles; receive, record, process and transmit telemetry data; support readiness, prelaunch and launch activities; configure and operate computer area equipment, telemetry equipment, and antenna area equipment; and maintenance on all station equipment. Support is provided to the US Military Space program, other government agencies, and US sponsored programs of foreign governments. Decrease between FY 90 and FY 91 is due to contract recompetition.

US Air Forces Europe (USAFE)

Base Maint Contract	OBM	Vinnell, Brown & Root Joint- Venture	\$70	\$109	\$201	\$454
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This contract provides for contractor operated activities that provide base support such as civil engineering, transportation, supply and services at Izmir, Ankara, Incirlik, Air Force bases in Turkey. This contract provides maintenance of essential base facilities and provides normal support services provided by military personnel at other locations. Increases in costs are due to unfavorable exchange rates and annual inflation in Turkey in excess of 70 percent which leads to widely varying collective labor agreement increases in pay often exceeding 100 percent per year.

AIR FORCE
CONTRACTS OVER \$50 MILLION
OPERATION AND MAINTENANCE (O&M) AND INDUSTRIAL FUND (IF)
(\$ Millions)

COMMAND/TYPE OF CONTRACT	O&M OR IND. FUND	CONTRACTOR	SOLE SOURCE OR COMP			
			FY80	FY81	FY82	FY83

Air Force Logistics Command AFLC

Contractor Logistics Support	O&M	Lockheed Corp.	\$71	\$77	\$84	\$90
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1 This contract provides engineering, technical, and logistic support necessary to maintain operational readiness the TR-1/U-2 aircraft fleet and systems. Changes between fiscal years are due to inflation.

Contractor Logistics Support	O&M	McDonnell Douglas Corp	\$61	\$66	\$81	\$83
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This contract provides logistics support, engine repair, and aircraft maintenance/repair to support KC-10 aircraft, associated equipment, and support equipment. The increases in FY 91 thru FY 93 are due to on-board loader modification and wing tip fuel pods installation, as well as mandatory engine overhauls required to meet the Airworthiness Directive issued by the Federal Aviation Administration.

Interim Contractor Support	O&M	Rockwell International	\$77	\$75	\$66	\$35
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This contract provides fixed price efforts for management services, Contractor Operated Storage Sites and the Material Control System (MCS) for the B-1B, and is a continuation of Phase I tasks as required and actual repair for airframe and aircraft accessories. Contract decreases reflect the transition to organic repair capability.

AIR FORCE
CONTRACTS OVER \$50 MILLION
OPERATION AND MAINTENANCE (O&M) AND INDUSTRIAL FUND (IF)
(\$ Millions)

COMMAND/TYPE OF CONTRACT	O&M OR IND. FUND	CONTRACTOR	SOLE SOURCE OR COMP			
			FY90	FY91	FY92	FY93

Air Force Logistics Command (AFLC)

F-111 E/F PDM	IF	British Aerospace	\$51	\$56	\$54	\$42
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This contract provides for Programmed Depot Maintenance (PDM) and installation of aircraft modifications F-111E/F aircraft. The increase between FY 90 and FY 91 is due to an increase in modification tasks; the completion of these modifications lead to the decreases in FY 92 and FY 93.

Military Airlift Command (MAC):

Joint Venture Commercial	IF	Pan Am Tower Air United Parcel Northwest Federal Express	\$265	\$167	\$153	\$00
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Joint Venture Commercial	IF	World Airways American Express Emery Worldwide Evergreen Int'l Key Airlines Rosenbalm Aviation	\$168	\$99	\$97	\$00
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These contracts represent commercial augmentation of Airlift Service Industrial Fund passenger and cargo activities. Awards are made on a calendar year basis and amounts shown are applicable for each fiscal year. The decrease in contract costs between FY 90 and FY 91 is due to airlift customer workload decreases (both passenger and cargo). No contracts have been awarded beyond FY 92.

NEW PROGRAMS IN O&M, AIR FORCE APPROPRIATION
(\$ in Thousands)

Identification and Description

	<u>FY 1992</u>	<u>FY 1993</u>
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a. Start Compliance (PE 11500F)	\$ 888	\$ 1,505
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Provides travel and contracting funds for Hqs personnel to monitor compliance with Strategic Arms Reduction Treaty (START) provisions. Funds are necessary to support Soviet conducted inspections at U.S. installations.

b. Standoff Attack Weapon (PE 27165F)	662	616
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The GBU-15 Standoff Attack Weapon system is used against high value, critical targets. The GBU-15 has been in the field since 1983. A life cycle testing program is required to measure system reliability and safety as it ages. Funding in FY 1992 and FY 1993 is to conduct life cycle testing on the GBU components, including television and infrared guidance units and flight control actuators and control units.

c. Tactical Auxiliary Force (PE 27242F)

This is a classified program. Details are available through classified channels.

d. LANTIRN Procurement (PE 27249F)	662	616
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The Low Altitude Navigation and Targeting Infrared System for Night (LANTIRN) provides tactical aircraft (F-15E and F-16C/D) with a day/night, under-the-weather, and air-to-ground attack capability. It can successfully acquire, track, recognize, and destroy ground targets with guided and un-guided weapons. Funding provides sustaining engineering on the system.

e. Wing Command and Control System (WCCS) (PE 27438F)	1,824	1,769
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Provides O&M funding support for development and maintenance of a standard command and control system. WCCS increases wing commander's sortie generating capability to provide an accurate, composite picture of the wing resources by consolidating summary information from key functional areas. WCCS also provides direct support to the wing commander and his battle staff.

FY 1992 FY 1993

f. Advanced Systems Improvement (PE 27579F)

This is a classified program. Details are available through classified channels.

g. Ground Training Munitions (PE 27580F)

13 11

Funds operational costs of managing the Ground Training Munitions program to include program management travel costs.

h. Service Support to OSIA (PE 35810F)

1,799 1,653

Provides miscellaneous support for the On-Site Investigative Agency in its role of monitoring US/USSR arms control treaty compliance.

i. Military Airlift Intelligence System Activities (PE 41300F)

This is a classified program. Details are available through classified channels.

DEPARTMENT OF THE AIR FORCE
REVENUE FROM LEASING OUT DEPARTMENT OF DEFENSE ASSETS
FY 1992/FY 1993 PRESIDENT'S BUDGET

		<u>(Rental Amount Received in \$Thousands)</u>		
		<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
<u>Appropriation</u>				
1. Lease		\$ 1,169.4	---	---
(a) <u>Explanation of Leases</u>				
As shown on attached sheets.				
(b) <u>Explanation of Anticipated Expenditures Resulting from Rentals by Fiscal Year</u>				
As shown on attached sheets.				
(c) <u>Actual Use of Revenue Generated from Rentals in Prior Year</u>				
As shown on attached sheets.				
(d) <u>Explanation of Amendments Made to Existing Leases</u>				
None.				
<u>Total Appropriation</u>		\$ 1,169.4	---	---
<u>Total Department of the Air Force</u>		\$ 1,169.4	---	---

NY 91

SECTION 2806. REVENUE FROM LEASING OUT DOD ASSETS

Lease Number	Location	Purpose	Estimate of Money Received To Be Received	Explanation of Anticipated Expenditures
DMCA 27-1-89-12	Wright-Patterson AFB, OH	Bank	\$ 4,860	\$ 4,860
DMCA 27-1-87-124	"	Air Cargo	1,800	1,800
DMCA 27-1-89-11	"	Bank	7,500	7,500
DMCA 27-1-90-5	"	Bank	13,400	13,400
DMCA 27-1-89-13	"	Credit Union	23,630	23,630
DMCA 27-1-88-51	"	Community Ctr	1,525	1,525
DA15-029-ENG-7419	"	Govt Poles	520	520
DMCA 31-1-80-74	"	Credit Union	1,348	1,348
DMCA 27-1-88-72	"	Bank ATM	788	788
DMCA 27-1-83-77	"	Govt Poles	2,959	2,959
IL 90-120/LSE-030	1111 AFB, UT	Roy City	125	125
DMCA 051671	"	Bank	6,000	6,000
DMCA 05175752	"	Credit Union	250	250
DMCA 05188619	"	Bank	7,410	7,410
DMCA 05189525	"	Credit Union	12,480	12,480
IL 90100/LSE-027	"	Dept of Hwys	3,000	3,000

17 91

SECTION 2806. REVENUE FROM LEASING (RFL) DED ASSETS

Lease Number	Location	Purpose	Estimate of Money Available To Be Received		Explanation of Anticipated Expenditures	
			\$	820	\$	820
DNCA 56-5-76-4	Tinker AFB, OK	Credit Union				
DNCA 56-1-86-9	"	Bank		775		775
DNCA 56-1-91-1	"	Credit Union		11,460		11,460
DNCA 56-1-83-5	"	Pvt Antenna Site		5,250		5,250
DNCA 63-1-69-0348	Kelly AFB, TX	Bank		5,100		5,100
DNCA 63-1-87-0547	"	Credit Union		4,150		4,150
DNCA 63-1-87-0560	"	Credit Union		5,715		5,715
71-1427	Robins AFB, GA	Bank		5,500		5,500
85-0929	"	Credit Union		240		240
87-1014	"	Credit Union		4,300		4,300
DNCA 05-1-70-354	McClellan AFB, CA	Pvt Microwave Tower		2,112		2,112
DNCA 05-1-81-524	"	Labor Union		359		359
DNCA 05-1-84-634	"	Credit Union		1,000		1,000
90-09-LIC-008	"	A-Y Supply Co		1,750		1,750
DNCA 51-77-6207	O'Hare ABFF Chicago, IL	Parking Lot "D"		60,000		60,000
DNCA 51-2-89-81	Niagara Falls IAP, NY	RDM-U/G Comm Cable System		435		435

IV 91

SECTION 2806. REVENUE FROM LEASING OUT DOD ASSETS

Lease Number	Location	Purpose	Estimate of Money Available to be Received		Explanation of Anticipated Expenditures	
			\$	4,000	\$	4,000
DACA 21-1-86-0110	Dobbins AFB, GA	Credit Union				
DACA 21-3-87-1019	"	ROW-Telephone	350		350	
DACA 21-018-ENG-2343	Minn-St. Paul IAP, MN	ROW-Telephone	100		100	
DACA 27-1-90-8	Youngstown MAP, OH	Mobil Substation	250		250	
DA46-022-ENG-1349	"	Utility Poles	86		86	
DACA 63-1-88-0526	Brooks AFB, TX	Credit Union	434		434	
DACA 63-1-88-0560	"	Bank	163		163	
DACA 51-1-87-159	Hanscom AFB, MA	ROW-Telephone	100		100	
DACA 51-1-86-547	"	Bank	11,172		11,172	
DACA 51-1-89-26	"	ROW-Telephone	60		60	
DACA 51-2-84-109	"	ROW-Gas	594		594	
DACA 51-1-78-493	"	Credit Union	250		250	
DACA 51-1-90-75	"	ROW-Telephone	2,940		2,940	
DACA 51-2-87-100	"	ROW-Telephone	150		150	
DACA 51-3-88-90	"	ROW-Electric Co.	150		150	
DACA 01-187	Arnold AFB, TN	Land for Nursery	125		125	
DACA 01-2-71-134	"	ROW-Telephone	105		105	

FY 91

SECTION 2806. REVENUE FROM LEASING OUT OWN ASSETS

Lease Number	Location	Purpose	Estimate of Money Available to be Received	Explanation of Anticipated Expenditures
			\$ 145	\$ 145
DA 01-076-ENG-6446	Arnold AFB, TN	ROM-Telephone		
F4065087-L-0001	"	Camp Grounds & Boat Docks	5,500	5,500
09-2-87-19	Edwards AFB, CA	Easement-Electric Co.	4,320	4,320
DNCA 01-1-72-140	Bylin AFB, FL	Credit Union	2,900	2,900
AFSC-AUTC-73-1	"	Air Terminal	6,120	6,120
DNCA 01-1-74-150	"	Bank	1,200	1,200
DNCA 45-1-74-6140	Selfridge ANG Base, MI	Bank	3,500	3,500
DNCA 21-1-88-1115	Charleston AFB, SC	Bank Bldg	12,300	12,300
DNCA 31-1-75-194	Dover AFB, DE	Bank	2,700	2,700
DNCA 31-1-73-144	"	Credit Union	485	485
DNCA 47-1-68-90	Kirtland AFB, NM	Bank	2,500	2,500
DNCA 47-1-83-169	"	Credit Union	100	100
DNCA 7-1-59-16	McChord AFB, WA	ROM-Telephone	544	544
DNCA 67-1-63-6	"	Bank	600	600
DNCA 67-1-59-1	"	Telephone Bldg	5,104	5,104
DNCA 51-1-87-83	McGuire AFB, NJ	Bank Bldg	17,924	17,924
DNCA 09-1-89-60	Norfolk AFB, CA	Bank	12,000	12,000
DNCA 09-1-80-79	"	Telephone Bldg	4,410	4,410

FY 91
 SUMMARY 2006. MONITOR FROM FISCAL: JAN 1990 ASSETS

Lease Number	Location	Purpose	Estimate of Money Received to be Received	Estimate of Anticipated Expenditures
DACA 21-1-74-1132	Pope AFB, NC	Credit Union	\$ 250	\$ 250 M&R
DACA 21-1-68-1007	"	Bank	1,600	1,600 M&R
DACA 27-1-86-45	Scott AFB, IL	Bank Bldg	5,400	3,800 Environmental Restoration and M&R
DACA 45-1-77-6033	"	Bank ATM	570	570 M&R
DACA 05-1-73-676	Travis AFB, CA	Credit Union	3,000	3,000 M&R
DACA 05-1-71-219	"	J/U Air Terminal	1,700	1,700 M&R
DACA 05-1-68-26	Potrero Hills Annex (Travis AFB, CA)	Storage	3,600	3,600 M&R
DACA 0178600	Columbus AFB, MS	Bank	1,650	1,650 M&R
DACA 01800192	"	Credit Union	275	275 M&R
ATC-COL 29013	"	ROM-Electric	300	300 M&R
DACA 6387501	Goodfellow AFB, TX	DOT Tire Test	5,750	5,750 M&R
DACA 0176ENG5331	Keesler AFB, MS	Bank	150	150 M&R
DACA 011731032	"	Credit Union	9,050	9,050 M&R
DACA 63187515	Lackland AFB, TX	Bank	2,640	2,640 M&R
ATC-LAC18041	"	Liaison Ofc	300	300 M&R

17 91
SECTION 2806. REVENUE FROM ISSUING OUT PUT ASSETS

Lease Number	Location	Purpose	Estimate of Money Available To Be Received		Explanation of Anticipated Expenditures	
			\$	900	\$	900
ATC-LAC19048	Lackland AFB, TX	Labor Union				
ATC-LAC18943	"	Bank	12,350		12,350	M&R
DMCA63577402	"	Credit Union	1,797		1,797	M&R
ATC-LAU18904	Laughlin AFB, TX	Credit Union	5,826		5,826	M&R
DMCA 630189537	"	Bank	5,040		5,040	M&R
ATC-LAU089037	"	Util Poles	302		302	M&R
ATC-LAU188014	"	Labor Union	660		660	M&R
DMCA 451716110	Lowry AFB, CO	Credit Union	2,500		2,500	M&R
DMCA 453816001	"	Credit Union	13,500		13,500	M&R
ATC-LON190043	"	Bank	9,450		9,450	M&R
DMCA 631730243	Randolph AFB, TX	Credit Union	4,444		4,444	M&R
DMCA 631830550	"	Bank	10,270		10,270	M&R
ATC-REE189044	Reese AFB, TX	Bank	2,400		2,400	M&R
ATC-SHE189011	Sheppard AFB, TX	Bank	11,640		11,640	M&R
ATC-VAN189010	Vance AFB, OK	Switching Fcily	200		200	M&R
DMCA 56178037	"	Bank	3,975		3,975	M&R
DMCA 56181025	"	Credit Union	650		650	M&R

SECTION 2006. MONITORING FROM LENDING: AIR AND ASSETS

17 91

Lease Number	Location	Purpose	Estimated Newy Available To Be Received	Explanation of Anticipated Expenditures
DNCA 01-1-88-102	Maxwell AFB, AL	Bank	\$ 4,500	\$ 4,500 MER
DNCA 01-1-88-103	"	U/G Pipeline	1,075	1,075 MER
DNCA 01-1-89-266	"	Credit Union	11,000	11,000 MER
DNCA 01-1-70-465	Gunter AFB, AL	Bank	5,200	5,200 MER
DNCA 01-1-85-209	"	Credit Union	7,100	7,100 MER
DNCA 45-1-68-5001	USAF Academy, CO	Bank	1,800	1,800 MER
AFA 91-002 (L)	"	US West Commun. Co.	5,000	5,000 MER
AFA 88-0001 (L)	"	City Water Plant	67,575	17,625 Environmental Restoration and 49,950 MER
DNCA 85-1-73-17	Elmendorf AFB, AK	Credit Union	4,800	4,800 MER
DNCA 85-1-74-9	"	Bank	2,400	2,400 MER
M-95-507-ENC-58	"	Land for Hsg	206	206 MER
DNCA 85-1-83-45	"	ALASCOM Inc. Open Storage Area	5,700	5,700 MER
DNCA 85-3-88-18	Elmendorf AFB, AK	ROW-Gas Pipeline	120	120 MER
DNCA 85-3-86-100	"	ROW-Gas Pipeline	1,040	1,040 MER
DNCA 85-1-88-22	"	Land for Antenna Tower	200	200 MER
DNCA 85-2-90-27	"	ROW-Comm. Cable	300	300 MER
DACA 85-2-87-147	"	ROW-Comm. Cable	7,400	7,400 MER

SECTION 2006. REVENUE FROM LEASING: OIL AND GAS ASSETS

IV 91

Lease Number	Location	Purpose	Estimated of Money Received in 1991	Explanation of Anticipated Expenditures
DACA 85-1-84-40	Elmendorf AFB, AK	Telephone Ofc.	\$ 6,324	\$ 6,324 M&R
DACA 85-1-78-46	Cape Lisburne LRR, AK	Land for Earth Station	310	M&R
DACA 85-1-82-17	"	Land for Antenna	100	M&R
DACA 85-1-78-20	Cape Nevenham LRR, AK	Land for Earth Station	490	M&R
DACA 85-1-85-21	Nome Field, AK	Fuel Storage Facilities	155,489	155,489 Environmental Restoration
DACA 85-3-87-15	Pillar Mountain LRR, AK	Use of Antenna	840	M&R
DACA 85-1-80-55	Cape Romanzof LRR, AK	Space Comm. Equip.	300	M&R
DACA 85-1-78-191	"	Land for Earth Station	690	M&R
DACA 85-1-78-28	Shemya AFB, AK	Land for Earth Station	200	M&R
DACA 85-1-80-23	"	Space for Air Terminal	500	M&R
DACA 85-1-78-29	Indian Mountain LRR, AK	Land for Earth Station	200	M&R
DACA 85-1-82-18	"	Space for Comm. Equip.	100	M&R
DACA 85-4-87-150	Barter Island DEM, AK	Site for 2 POL Tanks	525	M&R
DACA 85-1-84-9	Beaver Creek RRS, AK	Land for Comm. Purposes	350	M&R
DACA 85-1-78-41	Tatalina LRR, AK	Space for Comm. Equip.	5,100	M&R
DACA 85-1-78-27	Sparrevohn LRR, AK	Land for Earth Station	200	M&R
DACA 85-1-80-38	Cape Nevenham LRR, AK	Radio Comm. Equip. Space	1,120	M&R

SECTION 2806. INVENTORY FROM JESSIE: JAN 1980 ASSETS

IV 91

Loose Number	Location	Purpose	Estimate of Money Available to be Received	Estimate of Anticipated Expenditures
			\$ 840	\$ 840
DACA 85-1-73-34	Tin City LRR, AK	Space for Comm. Equip.		
DACA 85-1-85-22	"	Land for Earth Station	350	350
DACA 85-1-78-39	"	Land/Space for Comm. Equip.	200	200
DACA 84-1-68-37	Wickham AFB, HI	Telephone Co.	3,060	3,060
DACA 84-1-74-38	"	Bank	1,940	1,940
DACA 84-1-74-9	"	Credit Union	250	250
DACA 84-1-73-36	"	Telephone Co.	2,400	2,400
DACA 84-4-88-2	"	DEA Ofc	1,793	1,793
DACA 84-3-89-8	"	Credit Union	5,100	5,100
DACA 84-3-74-25	"	Electric Co. ROM	114	114
N627428RP00060	Andersen AFB, CO	AAFB Wives Club	157	157
Unnumbered	"	Telephone Co.	1,656	1,656
N6274280RP00016	"	RCA Global Commun.	3,100	3,100
NOY (R)-68846	"	GOVCON	2,200	2,200
DACA 01174662	Patrick AFB, FL	Labor Union	1,704	1,704
DACA 171842	"	Bank	10,400	10,400
DACA 171900001	"	Credit Union	1,600	1,600

17 91
SECTION 2806. REVENUE FROM LEASING: OFF DND ASSETS

Lease Number	Location	Purpose	Estimated of Money Received By D: Received	Explanation of Anticipated Expenditures
DNCA 45-1-68-5045	Cheyenne Mountain AFB, CO	Commun. Facility	\$32,697	\$32,697
DNCA 05-1-72-446	Beale AFB, CA	Credit Union	5,540	5,540
DNCA 63-1-79-0559	Carmichael AFB, TX	Credit Union	250	250
DNCA 63-1-89-0517	"	Bank	11,400	11,400
DNCA 63-1-83-0552	Dyess AFB, TX	Telephone Bldg	288	288
DNCA 63-1-82-0583	"	Bank	4,800	4,800
DA-03-050-ENG-3860	Edwards AFB, AR	ROL Pipeline	700	700
DNCA 63-1-70-0066	"	Lines on Poles	308	308
DNCA 03-1-83-0506	"	Telephone Bldg	100	100
DNCA 63-2-0365	"	Bank	9,900	9,900
DNCA 45-1-73-6055	Ellsworth AFB, SD	Lines on Poles	1,170	1,170
DNCA 45-4-86-6005	"	Postal Facility	3,650	3,650
DA25-066-ENG-5259	F.E. Warren AFB, WY	Power Lines	150	150
DA25-066-ENG-12977	"	Club	320	320
DNCA 45-1-77-6057	"	Bank	5,560	5,560
DA-25-066-ENG-4280	Grand Forks AFB, ND	Telephone Bldg	750	750
DNCA 45-1-72-6047	"	Bank	5,100	5,100
DNCA 45-1-75-6099	"	U/G Cable & Ducts	1,660	1,660

IV 91
SECTION 2806. REVENUE FROM LEASING: OFF-DEBT ASSETS

Lease Number	Location	Purpose	Did Leasee of Money Received To Be Received	Depreciation of Anticipated Expenditures
DNCA 45-1-83-6110	Grand Forks AFB, ND	Telephone	\$ 150	\$ 150
DNCA 45-1-84-6039	"	Credit Union	2,316	2,316
DNCA 51-1-89-0063	Griffiss AFB, NY	Bank	1,360	1,360
DNCA 45-1-77-6037	K.I. Sawyer AFB, MI	Labor Union	600	600
DNCA 45-1-79-6245	"	Bank	1,800	1,800
DNCA 51-1-87-0213	Loring AFB, ME	Duct & Poles	3,520	3,520
DNCA 51-1-88-0040	"	Telephone Poles	1,360	1,360
USAF-SAC-LOR-1-89-002	"	Bank	9,858	9,858
DNCA 67-1-76-0407	Wallops AFB, VA	Telephone Poles	1,491	1,491
DNCA 67-1-86-0048	"	Bank	9,150	9,150
DNCA 67-1-60-0001	"	Comm. Facility	898	898
DA-04-353-ENG-9988	March AFB, CA	Bank	24,000	24,000
DNCA 09-2-77-0026	"	POL Pipelines	2,750	2,750
DNCA 09-2-86-0008	"	Electric Lines	3,000	3,000
DNCA 09-2-89-0025	"	Sewer Pipeline	920	920
DNCA 09-3-88-0036	"	POL Pipeline	800	800
DNCA 41-1-89-5320	McConnell AFB, KS	Bank	1,530	1,530

SECTION 2006. MONITOR FROM LOSING: CAP AND ASSETS

17 91

Lease Number	Location	Purpose	Estimate of Money Received To Be Received	Estimate of Anticipated Expenditures
			\$ 100	\$ 100
DA-25-066-ENG-4100 Minot AFB, ND		Telephone Towers		
DA-25-066-ENG-4100 Minot AFB, ND		Bank	2,400	2,400
DA-25-066-ENG-4100 Minot AFB, ND		Telephone Bldg	1,250	1,250
DA-25-066-ENG-8246 Offutt AFB, NE		Credit Union	400	400
DA-25-066-ENG-8246 Offutt AFB, NE		Bank	3,900	3,900
DA-25-066-ENG-8246 Offutt AFB, NE		Telephone Ofc	12,500	12,500
DA-25-066-ENG-8246 Offutt AFB, NE		Comm. Lines	662	662
DA-25-066-ENG-8246 Offutt AFB, NE		Comm. Lines	842	842
DA-25-066-ENG-8246 Offutt AFB, NE		Land (NAB)	400	400
DA-25-066-ENG-8246 Offutt AFB, NE		Comm. Lines	2,000	2,000
DA-25-066-ENG-8246 Offutt AFB, NE		Bldg Space	2,000	2,000
DA-25-066-ENG-8246 Offutt AFB, NE		Bank	10,400	10,400
DA-25-066-ENG-8246 Offutt AFB, NE		Telephone Poles	2,591	2,591
DA-25-066-ENG-8246 Offutt AFB, NE		Trans Lines	955	955
DA-25-066-ENG-8246 Offutt AFB, NE		Telephone Bldg	350	350
DA-25-066-ENG-8246 Offutt AFB, NE		Comm. Equip. Space	1,943	1,943
DA-25-066-ENG-8246 Offutt AFB, NE		Comm. Lines/Poles	108	108
DA-25-066-ENG-8246 Offutt AFB, NE		Telephone Pkg Area	825	825

IV 91
SECTION 2806. REVENUE FROM LEASING: GWT AND ASSETS

Lease Number	Location	Purpose	Net Income of Money Received To Be Received	Explanation of Anticipated Expenditures
DACA 09-1-81-0066	Vandenberg AFB, CA	Saddle Club	\$ 250	\$ 250 MER
DACA 09-1-85-0055	"	Monitoring Station	350	350 MER
DACA 41-1-86-0520	Whiteman AFB, MO	Bank	2,640	2,640 MER
DACA 41-1-87-0518	"	Comm. Poles	1,748	1,748 MER
DACA 45-1-89-6083	Wurtsmith AFB, MI	Credit Union	3,250	3,250 MER
DACA 63-1-71-0209	Bergstrom AFB, TX	Bank	7,400	7,400 MER
DACA 63-1-75-0375	"	Utility Poles	950	950 MER
DACA 63-1-89-0541	"	Firing Range	900	900 MER
DACA 47-1-70-169	Cannon AFB, NM	Bank	2,550	2,550 MER
DACA 47-1-70-67	"	Telephone Poles & Cable	1,103	1,103 MER
DA 29-005-ENG-1789	"	House Phone Equipment	400	400 MER
DACA 09-5-88-455	Davis-Monthan AFB, AZ	Info Sys Bldg	400	400 MER
DACA 63-1-88-0529	England AFB, LA	Credit Union	2,160	540 Environmental Restoration and MER 1,620 MER
DACA 63-1-88-0563	"	Bank	3,900	976 Environmental Restoration and MER 2,924 MER
DACA 63-1-76-0592	"	Police Pistol Range	95	24 Environmental Restoration and MER 71 MER

SECTION 2806. REVENUE FROM LEASING OF REAL ASSETS

129

Lease Number	Location	Purpose	Estimated of Money Received To Be Received	Explanation of Anticipated Expenditures
DA 9-123-ENG-4859	Homestead AFB, FL	Nat'l Transmission Corp	\$ 3,001	\$ 1,200 Environmental Restoration and MER
DMCA 17-1-69-14	"	Bank	3,500	1,801 1,400 Environmental Restoration and MER
DMCA 01-4-78-12	"	U.S. Customs	37,700	2,100 15,080 Environmental Restoration and MER
DMCA 17-1-84-4	"	Credit Union	10,680	22,620 4,272 Environmental Restoration and MER
NF 29 (600) 8-12 ¹	Holloman AFB, NM	Telephone Bldg	100	6,408 100 MER
DMCA 47-1-73-99	"	Credit Union	1,635	1,635 MER
DMCA 47-1-74-69	"	Bank	1,080	1,080 MER
TDC 90-KARD-L-001	"	Biomedical Research	250	250 MER
DMCA 65-1-88-35	Langley AFB, VA	Bank	17,000	17,000 Environmental Restoration
78-143	Luke AFB, AZ	Credit Union	650	650 MER
81-138	"	Use of Poles	3,600	3,600 MER
89-615	"	Telephone Lines	850	850 MER

SECTION 2806. REVENUE FROM LYING: OUT THE ASSETS

1991

Lease Number	Location	Purpose	Estimate of Money Available To Be Received	Explanation of Anticipated Expenditures
89-628	Lake AFB, AZ	Bank	\$14,000	\$14,000 M&R
90-310	"	Power Lines	1,550	M&R
90-316	"	Use of Poles	400	M&R
DA 04-353-ENG-8313	"	Bldg for Transmitter/Receiver	4,452	M&R
DA 08-123-ENG-4315 MacDill AFB, FL	"	Telephone Co.	799	Environmental Restoration
DNCA 17-1-68-6	"	Bank	3,400	Environmental Restoration
DNCA 17-1-69-10	"	Telephone Co.	10,736	Environmental Restoration
DNCA 17-1-69-12	"	Credit Union	350	Environmental Restoration
DNCA 17-1-88-9	"	Bank	4,320	Environmental Restoration
DNCA 21-1-77-903 Moody AFB, GA	"	Credit Union	660	Environmental Restoration
DNCA 21-1-82-2207	"	Bank	4,800	Environmental Restoration
DNCA 67-1-75-41 Mountain Home AFB, NC	"	Credit Union	250	M&R
DNCA 67-1-76-302	"	Use of Poles	1,012	M&R
DNCA 67-1-90-127	"	Telephone Exchange	2,500	M&R

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SECTION 2006. REVENUE FROM LEASING: GWT AND ASSETS

Lease Number	Location	Purpose	Estimated of Many Months To Be Received	Explanation of Anticipated Expenditures
WAFB-86-01	Mountain Home AFB, ID	Horse Stables	\$ 400	\$ 400 M&R
DMCA 21-1-70-1016	Myrtle Beach AFB, SC	GTE	228	228 M&R
DMCA 21-1-77-902	"	Credit Union	925	925 M&R
DA 04-353-ENG-8386	Nellis AFB, NV	J/U Telephone	312	156 Environmental Restoration and M&R
DMCA 09-1-86-26	"	Bank	7,848	3,924 Environmental Restoration and M&R
TNC 90-1000-1-0001	"	Antennas & Equip Bldg	2,400	1,200 Environmental Restoration and M&R
DMCA 21-1-68-1014	Seymour Johnson AFB, NC	Bank	4,000	2,000 Environmental Restoration and M&R
DMCA 21-1-68-1033	"	Use of Telephone Poles	3,350	1,675 Environmental Restoration and M&R
DMCA 21-1-74-1074	"	Railroad Spur Line	6,800	3,400 Environmental Restoration and M&R
DMCA 21-1-73-902	Shaw AFB, SC	Credit Union	1,400	1,400 M&R
DMCA 21-1-73-931	"	Bank	9,500	9,500 M&R

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SECTION 2806. REVENUE FROM LEASING OUT DOD ASSETS

Lease Number	Location	Purpose	Estimate of Money Available To Be Received	Estimate of Anticipated Expenditures
DACA 01-1-73-505	Tyndall AFB, FL	Wastewater Treatment	\$17,933	M&R
DACA 01-1-74-157	"	Credit Union	3,850	M&R
DACA 01-76-ENG-4724	"	Use of Telephone Poles	990	M&R
DACA 01-76-ENG-5568	"	Telephone Bldg & Cables	1,450	M&R

\$1,169,428	TOTAL
\$ 254,826	Environmental Restoration
\$ 914,602	M&R