### **Air Force Test Center**

#### **Overview**

The Air Force Test Center (AFTC), headquartered at Edwards Air Force Base, California, leads the test and evaluation (T&E) mission, conducting developmental T&E and evaluation of air, space, and cyber systems to provide timely, objective, and accurate information to decision makers. This integrated organization is responsible for the world's largest and most advanced array of aerospace T&E capabilities.

AFTC has oversight of work carried out at three primary locations across Air Force Materiel Command (AFMC). Organizations include: 96th Test Wing, Eglin AFB, Florida; 412th Test Wing, Edwards AFB, California; and Arnold Engineering Development Complex (AEDC), Arnold AFB, Tennessee.

## **Spend Analysis**

The following pages highlight the areas where money was spent over the three year period of FY18 – FY20 within AFTC. All data is publically available via the Federal Procurement Data System (FPDS).

## Overall Spend

The following table shows the overall spend at AFTC from FY18 – FY20, broken down by the portion that was awarded to other than small businesses vs. small businesses.

	FY18 Total	FY19 Total	FY19 Total
Other Than Small Business	\$731,371,893.96	\$872,229,713.18	\$1,037,398,551.66
Small Business	\$621,812,023.62	\$733,564,061.83	\$733,766,855.99
Total	\$1,353,183,917.58	\$1,605,793,775.01	\$1,771,165,407.65

#### Center-wide Top 50 NAICS to Small Business (FY18 – FY20)

The following table shows the top 50 NAICS codes procured across all AFTC locations during the years FY18 – FY20. This data is for Small Business contractors only.

NAICS	Description	FY20 Spend	# FY20	FY19 Spend	# FY19	FY18 Spend	#FY18
541712	RESEARCH AND	\$185,611,262	275	\$184,714,071	289	\$167,233,319.72	448
	DEVELOPMENT IN THE						
	PHYSICAL, ENGINEERING,						
	AND LIFE SCIENCES						
	(EXCEPT BIOTECHNOLOGY)						
236220	COMMERCIAL AND	\$97,866,225	291	\$82,493,279	207	\$73,739,863.15	293
	INSTITUTIONAL BUILDING						
	CONSTRUCTION						
541330	ARCHITECTURAL SERVICES	\$76,758,441	158	\$78,494,205	182	\$74,057,662.71	248

	1						
541715	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)	\$46,999,368	132	\$77,776,945	218	\$33,167,119.30	75
336419	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	\$46,147,135	71	\$34,538,480	71	\$15,505,906.42	46
561210	FACILITIES SUPPORT SERVICES	\$30,852,795	52	\$30,426,603	53	\$28,504,018.58	43
622110	GENERAL MEDICAL AND SURGICAL HOSPITALS	\$29,806,089	102	\$14,294,065	89	\$8,015,190.29	42
541519	OTHER COMPUTER RELATED SERVICES	\$27,750,065	269	\$11,322,488	99	\$10,776,128.75	78
237310	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION	\$22,769,268	59	\$5,863,689	37	\$10,327,187.30	25
238220	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS	\$16,203,407	89	\$22,816,301	63	\$17,176,625.63	64
334511	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING	\$14,457,369	59	\$21,681,393	48	\$15,292,340.06	35
541512	COMPUTER SYSTEMS DESIGN SERVICES	\$9,237,841	16	\$12,512,696	25	\$12,209,635.93	27
238320	PAINTING AND WALL COVERING CONTRACTORS	\$8,789,968	41	\$1,645,501	24	\$3,501,266.83	32
517110	WIRED TELECOMMUNICATIONS CARRIERS	\$8,329,867	35	\$6,234,660	58	\$2,915,910.10	47
334111	ELECTRONIC COMPUTER MANUFACTURING	\$6,313,733	140	\$836,861	44	\$1,555,658.01	70
541511	CUSTOM COMPUTER PROGRAMMING SERVICES	\$6,298,597	26	\$7,296,982	22	\$3,422,647.27	13
488190	OTHER SUPPORT ACTIVITIES FOR AIR TRANSPORTATION	\$5,140,825	41	\$7,280,284	44	\$7,554,214.27	63
238160	ROOFING CONTRACTORS	\$4,833,469	37	\$5,627,960	34	\$4,438,627.77	47
332510	HARDWARE MANUFACTURING	\$4,310,176	13	\$6,005,785	13	\$4,077,188.46	38
611512	FLIGHT TRAINING	\$4,177,111	39	\$1,215,912	32	\$799,469.11	46
238210	ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS	\$3,462,894	31	\$4,764,216	46	\$3,108,388.14	89
562111	SOLID WASTE COLLECTION	\$3,058,672	21	\$2,946,356	23	\$2,850,908.57	19
541720	RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES	\$2,997,857	2	\$0	0	\$0.00	0

331491	NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING	\$2,842,503	2	\$0	0	\$0.00	0
238110	POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS	\$2,524,820	17	\$2,819,966	26	\$2,645,497.10	19
811310	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	\$2,322,035	72	\$1,719,363	69	\$1,720,512.08	68
561320	TEMPORARY HELP SERVICES	\$2,289,546	19	\$2,628,477	34	\$4,622,362.60	82
561720	JANITORIAL SERVICES	\$2,283,451	26	\$1,938,254	12	\$1,772,561.41	19
327390	OTHER CONCRETE PRODUCT MANUFACTURING	\$2,124,136	9	\$2,701,198	5	\$2,264,277.09	10
334513	INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES	\$2,050,400	24	\$645,411	18	\$1,653,675.65	32
238910	SITE PREPARATION CONTRACTORS	\$2,018,747	49	\$1,417,586	48	\$1,369,106.52	37
621111	OFFICES OF PHYSICIANS (EXCEPT MENTAL HEALTH SPECIALISTS)	\$1,989,782	10	\$3,808,497	24	\$6,913,513.70	32
334290	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING	\$1,864,303	50	\$2,681,977	40	\$6,829,618.08	53
562910	REMEDIATION SERVICES	\$1,801,284	39	\$525,697	38	\$289,735.24	36
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS	\$1,704,156	19	\$2,329,474	23	\$2,786,821.09	35
511210	SOFTWARE PUBLISHERS	\$1,662,406	21	\$956,964	25	\$750,770.67	21
512110	MOTION PICTURE AND VIDEO PRODUCTION	\$1,626,480	13	\$1,653,552	10	\$1,569,700.00	8
561110	OFFICE ADMINISTRATIVE SERVICES	\$1,618,068	9	\$1,603,415	3	\$1,588,247.45	13
333517	MACHINE TOOL MANUFACTURING	\$1,565,196	8	\$1,900,930	11	\$1,103,041.87	9
332439	OTHER METAL CONTAINER MANUFACTURING	\$1,544,584	18	\$1,152,899	25	\$1,910,685.33	41
561612	SECURITY GUARDS AND PATROL SERVICES	\$1,419,463	10	\$680,288	7	\$784,845.30	6
541714	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY (EXCEPT NANOBIOTECHNOLOGY)	\$1,312,886	7	\$4,035,541	4	\$0.00	0

334516	ANALYTICAL LABORATORY INSTRUMENT	\$1,282,173	9	\$446,410	7	\$228,338.16	9
722310	MANUFACTURING FOOD SERVICE CONTRACTORS	\$1,149,412	6	\$1,561,604	5	\$994,304.78	5
332911	INDUSTRIAL VALVE MANUFACTURING	\$1,125,313	13	\$1,053,506	22	\$591,533.00	11
337214	OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING	\$1,079,289	25	\$643,235	22	\$1,072,488.46	36
332710	MACHINE SHOPS	\$1,077,334	6	\$1,247,900	7	\$1,660,985.83	6
336212	TRUCK TRAILER MANUFACTURING	\$964,738	4	\$0	0	\$212,323.45	4
332420	METAL TANK (HEAVY GAUGE) MANUFACTURING	\$940,447	8	\$465,807	1	\$0.00	0
332311	PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING	\$918,118	17	\$3,354,134	20	\$1,993,681.93	25

# Center-wide Top 50 PSC Codes to Small Business (FY18 – FY20)

The following table shows the top 50 Product and Service codes procured across all AFTC locations during the years FY18 – FY20. This data is for Small Business contractors only.

PCS	Description	FY20 Spend	# FY20	FY19 Spend	# FY19	FY18 Spend	#FY18
R425	SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL	\$202,768,087	254	\$190,321,803	209	\$161,099,208	284
Z2JZ	REPAIR OR ALTERATION OF MISCELLANEOUS BUILDINGS	\$44,604,602	289	\$25,463,334	227	\$68,771,711	342
AC53	R&D- DEFENSE SYSTEM: WEAPONS (ADVANCED DEVELOPMENT)	\$40,821,473	50	\$19,657,806	49	\$12,016,672	38
Y1QA	CONSTRUCTION OF RESTORATION OF REAL PROPERTY (PUBLIC OR PRIVATE)	\$25,572,433	19	\$35,574,629	19	\$10,179,236	20
Y1JZ	CONSTRUCTION OF MISCELLANEOUS BUILDINGS	\$25,272,382	22	\$2,283,659	10	\$494,358	8
AC26	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (MANAGEMENT/SUPPORT)	\$19,977,924	15	\$14,353,330	27	\$12,687,494	41
Q201	MEDICAL- GENERAL HEALTH CARE	\$18,920,543	53	\$6,050,541	35	\$4,139,502	35
AZ16	R&D- OTHER RESEARCH AND DEVELOPMENT (MANAGEMENT/SUPPORT)	\$18,892,121	4	\$0	1	\$0	0
AJ44	R&D- GENERAL SCIENCE/TECHNOLOGY: ENGINEERING (ENGINEERING DEVELOPMENT)	\$15,793,160	12	\$13,644,292	6	\$7,812,994	12
Z2LB	REPAIR OR ALTERATION OF HIGHWAYS/ROADS/STREETS/BR IDGES/RAILWAYS	\$15,049,500	49	\$5,863,689	32	\$10,227,613	21

AD24 R&D-DEFENSE OTHER: SERVICES (ENGINEERING DEVELOPMENT)  AD92 R&D-DEFENSE OTHER: OTHER (APPLIED RESEARCH/EXPLICATION)  APPLIED RESEARCH/EXPLIDATION POPULICIPMENT)  ZEBZ REPAIR OR ALTERATION OF OTHER AIRFILD STRUCTURES  OTHER AIRFILD STRUCTURES  THY OTHER AIRFILD STRUCTURES  AD95 R&D-DEFENSE OTHER: OTHER (S12,233,092 11 S54,386 11 S0 2 OTHER AIRFILD STRUCTURES S12,233,092 11 S54,386 11 S0 2 OTHER AIRFILD STRUCTURES S12,233,092 11 S54,23738,950 151 S19PLIS  AD95 R&D-DEFENSE OTHER: OTHER (OPERATION ALS SYSTEMS (OPERATION AL SYSTEMS DEVELOPMENT)  AC22 R&D-DEFENSE SYSTEM: S11,021,909 S2 S16,898,893 76 S10,747,953 56 NEWDORK MANAGEMENT S12,051,720 49 S28,978,198 38 S11,250,871 58 DEVELOPMENT)  D136 IT AND TELECOM- S8,974,986 18 S14,200,743 29 S12,647,160 25 TELECOMMUNICATIONS NETWORK MANAGEMENT S14,727 49 S28,978,198 38 S11,250,871 58 DEVELOPMENT)  Z2AA REPAIR OR ALTERATION OF OFFICE BUILDINGS  Z2NB REPAIR OR ALTERATION OF HEATING AND COOLING PLANTS AND TELECOMM-UNICATIONS NETWORK MANAGEMENT S7,736,705 23 S8,252,913 17 S4,932,224 11 NAD TELECOMM-UNICATIONS NETWORK MANAGEMENT S6,941,174 15 S3,612,404 34 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 29 DEFENSE SYSTEM: S7,736,705 25 S9,213,666 22 S4,779,181 8 S1,577,132 S9,577,13								
AD92   RRD- DEFENSE OTHER: OTHER   \$12,499,344   18   \$33,102,080   34   \$6,404,698   13   RAPPED   RESEARCH/EXPLORATORY   DEVELOPMENT)   RESEARCH/EXPLORATORY   DEVELOPMENT)   RESEARCH/EXPLORATORY   DEVELOPMENT)   RESEARCH/EXPLORATORY   DEVELOPMENT)   RESEARCH/EXPLORATORY   DEVELOPMENT)   RESEARCH/EXPLORATORY   S12,233,092   11   \$54,386   1   \$50   2   \$2,738,950   151   \$3,7402,840   105   \$10,468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,0468,822   52   \$3,7402,840   105   \$3,4668,822   52   \$3,2464,840   105   \$3,4668,822   52   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   106   \$3,4668,822   107   \$3,4	AD24	R&D- DEFENSE OTHER: SERVICES (ENGINEERING	\$14,597,952	81	\$17,738,956	66	\$20,043,372	97
APPLIED   RESEARCH/EXPLORATORY   DEVELOPMENT)		DEVELOPMENT)						
RESEARCH/EXPLORATORY	AD92	R&D- DEFENSE OTHER: OTHER	\$12,499,344	18	\$33,102,080	34	\$6,404,698	13
DEVELOPMENT		(APPLIED						
ZEBZ   REPAIR OR ALTERATION OF OTHER AIRFIELD STRUCTURES		RESEARCH/EXPLORATORY						
OTHER AIRFIELD STRUCTURES		DEVELOPMENT)						
INFORMATION TECHNOLOGY   \$12,051,720   65   \$18,229,769   161   \$23,738,950   151	Z2BZ	REPAIR OR ALTERATION OF	\$12,233,092	11	\$54,386	1	\$0	2
AD95   RRD- DEFENSE OTHER: OTHER (OPERATIONAL SYSTEMS DEVELOPMENT)   S11,728,544   33   \$17,402,840   105   \$10,468,822   52   \$2   \$2   \$2   \$2   \$2   \$3   \$3   \$		OTHER AIRFIELD STRUCTURES						
AD95   R&D_DEFENSE OTHER: OTHER   \$11,728,544   33   \$17,402,840   105   \$10,468,822   52	7045	INFORMATION TECHNOLOGY	\$12,051,720	65	\$18,229,769	161	\$23,738,950	151
COPERATIONAL SYSTEMS   DEVELOPMENT)   COPERATIONAL SYSTEMS   DEVELOPMENT)   S11,021,909   S2   S16,898,893   76   \$10,747,953   56   MISSILE/SPACE SYSTEMS   (APPUIED   RESEARCH/EXPLORATORY DEVELOPMENT)   S8,974,986   18   S14,200,743   29   \$12,647,160   25   S16,898,893   S11,250,871   S18,000,000   S12,000,000   S12,00		SUPPLIES						
AC22   R&D-DEFENSE SYSTEM:   \$11,021,909   52   \$16,898,893   76   \$10,747,953   56   RSEARCH/EXPLORATORY   DEVELOPMENT)	AD95	R&D- DEFENSE OTHER: OTHER	\$11,728,544	33	\$17,402,840	105	\$10,468,822	52
AC22   R&D-DEFENSE SYSTEM:   S11,021,909   S2   \$16,898,893   76   \$10,747,953   \$56   RSEARCH/EXPLORATION   DEVELOPMENT)		(OPERATIONAL SYSTEMS						
MISSILE/SPACE SYSTEMS (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)		DEVELOPMENT)						
(APPLIED   RESEARCH/EXPLORATORY   DEVELOPMENT)	AC22	R&D- DEFENSE SYSTEM:	\$11,021,909	52	\$16,898,893	76	\$10,747,953	56
RESEARCH/EXPLORATORY   DEVELOPMENT)		MISSILE/SPACE SYSTEMS						
DEVELOPMENT		(APPLIED						
D316		RESEARCH/EXPLORATORY						
TELECOMMUNICATIONS   NETWORK MANAGEMENT   S8,154,727   49   \$28,978,198   38   \$11,250,871   58   58   59   59   59   59   59   59		DEVELOPMENT)						
TELECOMMUNICATIONS   NETWORK MANAGEMENT   S8,154,727   49   \$28,978,198   38   \$11,250,871   58   58   59   59   58   58   59   58   59   58   59   58   59   58   59   58   59   58   59   59	D316	IT AND TELECOM-	\$8,974,986	18	\$14,200,743	29	\$12,647,160	25
Z2AA   REPAIR OR ALTERATION OF OFFICE BUILDINGS		TELECOMMUNICATIONS						
OFFICE BUILDINGS   SRPAIR OR ALTERATION OF HEATING AND COOLING PLANTS   S8,015,912   10   \$224,589   3   \$76,239   1		NETWORK MANAGEMENT						
OFFICE BUILDINGS   SRPAIR OR ALTERATION OF HEATING AND COOLING PLANTS   S8,015,912   10   \$224,589   3   \$76,239   1	Z2AA	REPAIR OR ALTERATION OF	\$8,154,727	49	\$28,978,198	38	\$11,250,871	58
HEATING AND COOLING PLANTS		OFFICE BUILDINGS	. , ,		. , ,		. , ,	
HEATING AND COOLING PLANTS	Z2NB	REPAIR OR ALTERATION OF	\$8.015.912	10	\$224.589	3	\$76,239	1
R&D- DEFENSE SYSTEM: WEAPONS (BASIC RESEARCH)   \$7,736,705   23   \$8,252,913   17   \$4,932,224   11			7 0,0 = 0,0 = =	_,	¥== 1,555		4:0,200	_
WEAPONS (BASIC RESEARCH)	AC51		\$7,736,705	23	\$8,252,913	17	\$4,932,224	11
D399	7.002		<i>ϕ1,1.00,1.00</i>		ψο,202,020	,	ψ .,σσ=,== :	
AND TELECOMMUNICATIONS   S6,196,755   25   \$9,213,666   22   \$4,779,181   8	D399	,	\$6,941,174	15	\$3,612,404	34	\$1.577.132	29
5826         RADIO NAVIGATION EQUIPMENT, AIRBORNE         \$6,196,755         25         \$9,213,666         22         \$4,779,181         8           Q401         MEDICAL- NURSING         \$5,702,609         27         \$4,395,578         36         \$5,652,610         26           R408         SUPPORT- PROFESSIONAL: PROGRAM MANAGEMENT/SUPPORT         \$5,682,310         20         \$3,956,345         25         \$1,232,290         39           7030         INFORMATION TECHNOLOGY SOFTWARE         \$5,109,033         76         \$2,616,125         107         \$3,496,987         77           R499         SUPPORT- PROFESSIONAL: OTHER         \$4,984,200         23         \$25,401,459         75         \$27,326,266         98           D318         IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVICE SCOLUTIONS, PREDOMINANTLY SERVICES         \$4,909,911         48         \$1,782,233         13         \$3,737,996         17           D308         IT AND TELECOM- PROGRAMMING         \$4,778,576         23         \$3,841,160         13         \$3,737,996         17           D308         IT AND TELECOM- PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,3329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT AIRCRAFT LAUNCHING, LANDING, AND GROUND	2000		Ψο,ο		φο,σ22, .σ .	•	<i>\( \psi \)</i>	
EQUIPMENT, AIRBORNE	5826		\$6,196,755	25	\$9,213,666	22	\$4,779,181	8
Q401         MEDICAL- NURSING         \$5,702,609         27         \$4,395,578         36         \$5,652,610         26           R408         SUPPORT- PROFESSIONAL: PROGRAM MANAGEMENT/SUPPORT         \$5,682,310         20         \$3,956,345         25         \$1,232,290         39           7030         INFORMATION TECHNOLOGY SOFTWARE         \$5,109,033         76         \$2,616,125         107         \$3,496,987         77           R499         SUPPORT- PROFESSIONAL: OTHER         \$4,984,200         23         \$25,401,459         75         \$27,326,266         98           D318         IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVICE ES SOLUTIONS, PREDOMINANTLY SERVICES         \$4,909,911         48         \$1,782,233         13         \$3,927,027         17           B308         IT AND TELECOM- PROGRAMMING         \$4,778,576         23         \$3,841,160         13         \$3,737,996         17           B301         IT AND TELECOM- PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12           5821         RADIO AND TELE	3020		ψο,25ο,755		ψ3)=25,000		ψ ., <i>i</i> , <i></i>	
R408         SUPPORT- PROFESSIONAL: PROGRAM MANAGEMENT/SUPPORT         \$5,682,310         20         \$3,956,345         25         \$1,232,290         39           7030         INFORMATION TECHNOLOGY SOFTWARE         \$5,109,033         76         \$2,616,125         107         \$3,496,987         77           R499         SUPPORT- PROFESSIONAL: OTHER         \$4,984,200         23         \$25,401,459         75         \$27,326,266         98           D318         IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVIC ES SOLUTIONS, PREDOMINANTLY SERVICES         \$4,909,911         48         \$1,782,233         13         \$3,927,027         17           R706         SUPPORT- MANAGEMENT: LOGISTICS SUPPORT         \$4,778,576         23         \$3,841,160         13         \$3,737,996         17           D308         IT AND TELECOM- PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT         \$4,615,981         13         \$4,896,193         13         \$5,248,404         30           5821         RADIO AND TELEVISION COMMUNICATION EQUIPMENT,         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12	0401		\$5 702 609	27	\$4 395 578	36	\$5,652,610	26
PROGRAM MANAGEMENT/SUPPORT  7030 INFORMATION TECHNOLOGY SOFTWARE  R499 SUPPORT- PROFESSIONAL: OTHER  D318 IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVIC ES SOLUTIONS, PREDOMINANTLY SERVICES  R706 SUPPORT- MANAGEMENT: LOGISTICS SUPPORT  D308 IT AND TELECOM- PROGRAMMING  J017 MAINT/REPAIR/REBUILD OF EQUIPMENT  LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT  5821 RADIO AND TELEVISION COMMUNICATION EQUIPMENT,  F707 S2,616,125 107 \$3,496,987 77  AND \$25,401,459 75 \$27,326,266 98  F708 \$25,401,459 75 \$27,326,266 98  F709 \$25,401,459 75 \$27,326,266  F709 \$25,401,459 75 \$27,223 \$27,227  F709 \$25,401,459 75 \$27,223 \$27,								
MANAGEMENT/SUPPORT	R408		\$5,682,310	20	\$3,956,345	25	\$1,232,290	39
TO30								
SOFTWARE		·	45 400 000		40.010.10=		40.400.00=	
R499   SUPPORT- PROFESSIONAL:   \$4,984,200   23   \$25,401,459   75   \$27,326,266   98     D318   IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVIC ES SOLUTIONS, PREDOMINANTLY SERVICES   PROMINANTLY SERVICES     R706   SUPPORT- MANAGEMENT:   \$4,778,576   23   \$3,841,160   13   \$3,737,996   17     LOGISTICS SUPPORT   LOGISTICS SUPPORT   10   \$3,329,994   15     PROGRAMMING   54,721,555   11   \$4,970,676   10   \$3,329,994   15     PROGRAMMING   54,615,981   13   \$4,896,193   13   \$5,248,404   30     GROUND HANDLING EQUIPMENT   5821   RADIO AND TELEVISION   \$4,611,943   8   \$10,766,943   12   \$7,733,685   12	7030		\$5,109,033	76	\$2,616,125	107	\$3,496,987	77
D318   IT AND TELECOM- INTEGRATED   \$4,909,911   48   \$1,782,233   13   \$3,927,027   17								
D318         IT AND TELECOM- INTEGRATED HARDWARE/SOFTWARE/SERVIC ES SOLUTIONS, PREDOMINANTLY SERVICES         \$4,909,911         48         \$1,782,233         13         \$3,927,027         17           R706         SUPPORT- MANAGEMENT: LOGISTICS SUPPORT         \$4,778,576         23         \$3,841,160         13         \$3,737,996         17           D308         IT AND TELECOM-PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT         \$4,615,981         13         \$4,896,193         13         \$5,248,404         30           5821         RADIO AND TELEVISION COMMUNICATION EQUIPMENT,         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12	R499		\$4,984,200	23	\$25,401,459	75	\$27,326,266	98
HARDWARE/SOFTWARE/SERVIC   ES SOLUTIONS,   PREDOMINANTLY SERVICES   PREDOMINANTLY SERVICES   PREDOMINANTLY SERVICES   PREDOMINANTLY SERVICES   \$4,778,576   23 \$3,841,160   13 \$3,737,996   17			4		4		4	
ES SOLUTIONS, PREDOMINANTLY SERVICES  R706 SUPPORT- MANAGEMENT: \$4,778,576 23 \$3,841,160 13 \$3,737,996 17 LOGISTICS SUPPORT  D308 IT AND TELECOM- PROGRAMMING  J017 MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT  5821 RADIO AND TELEVISION COMMUNICATION EQUIPMENT,  S4,778,576 23 \$3,841,160 13 \$3,737,996 17  \$4,778,576 23 \$3,841,160 13 \$3,329,994 15  \$4,615,981 13 \$4,896,193 13 \$5,248,404 30  \$5,248,404 30  \$5,248,404 30  \$6,000 10 10 10 10 10 10 10 10 10 10 10 10	D318		\$4,909,911	48	\$1,782,233	13	\$3,927,027	17
PREDOMINANTLY SERVICES								
R706         SUPPORT- MANAGEMENT: LOGISTICS SUPPORT         \$4,778,576         23         \$3,841,160         13         \$3,737,996         17           D308         IT AND TELECOM- PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT         \$4,615,981         13         \$4,896,193         13         \$5,248,404         30           5821         RADIO AND TELEVISION COMMUNICATION EQUIPMENT,         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12		•						
LOGISTICS SUPPORT								
D308         IT AND TELECOM- PROGRAMMING         \$4,721,555         11         \$4,970,676         10         \$3,329,994         15           J017         MAINT/REPAIR/REBUILD OF EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT         \$4,615,981         13         \$4,896,193         13         \$5,248,404         30           5821         RADIO AND TELEVISION COMMUNICATION EQUIPMENT,         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12	R706		\$4,778,576	23	\$3,841,160	13	\$3,737,996	17
PROGRAMMING								
JO17   MAINT/REPAIR/REBUILD OF   \$4,615,981   13   \$4,896,193   13   \$5,248,404   30     EQUIPMENT- AIRCRAFT   LAUNCHING, LANDING, AND   GROUND HANDLING   EQUIPMENT   \$4,611,943   8   \$10,766,943   12   \$7,733,685   12     COMMUNICATION EQUIPMENT,   \$4,611,943   8   \$10,766,943   12   \$7,733,685   12	D308		\$4,721,555	11	\$4,970,676	10	\$3,329,994	15
EQUIPMENT- AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT  5821 RADIO AND TELEVISION COMMUNICATION EQUIPMENT,  \$4,611,943 8 \$10,766,943 12 \$7,733,685 12								
LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT  5821 RADIO AND TELEVISION COMMUNICATION EQUIPMENT,  \$4,611,943 8 \$10,766,943 12 \$7,733,685 12	J017		\$4,615,981	13	\$4,896,193	13	\$5,248,404	30
GROUND HANDLING EQUIPMENT  5821 RADIO AND TELEVISION \$4,611,943 8 \$10,766,943 12 \$7,733,685 12 COMMUNICATION EQUIPMENT,		-						
EQUIPMENT         \$4,611,943         \$ \$10,766,943         \$2         \$7,733,685         \$12           COMMUNICATION EQUIPMENT,         \$4,611,943         \$ \$10,766,943         \$12         \$7,733,685         \$12		LAUNCHING, LANDING, AND						
5821         RADIO AND TELEVISION COMMUNICATION EQUIPMENT,         \$4,611,943         8         \$10,766,943         12         \$7,733,685         12		GROUND HANDLING						
COMMUNICATION EQUIPMENT,								
	5821	RADIO AND TELEVISION	\$4,611,943	8	\$10,766,943	12	\$7,733,685	12
AIRBORNE		COMMUNICATION EQUIPMENT,						
		AIRBORNE						

	T - a	4		4		4	
AC14	R&D- DEFENSE SYSTEM: AIRCRAFT (ENGINEERING DEVELOPMENT)	\$4,507,698	14	\$4,770,416	16	\$4,091,063	24
6625	ELECTRICAL AND ELECTRONIC	\$4,309,701	19	\$750,013	18	\$3,056,840	37
0023	PROPERTIES MEASURING AND	ŷ-1,30 <i>3</i> ,701	13	\$750,015	10	73,030,040	3,
	TESTING INSTRUMENTS						
5680	MISCELLANEOUS	\$4,269,552	10	\$6,036,134	14	\$4,070,193	37
	CONSTRUCTION MATERIALS	. , ,		. , ,		. , ,	
7035	INFORMATION TECHNOLOGY	\$3,853,485	91	\$1,714,982	77	\$1,801,429	133
	SUPPORT EQUIPMENT						
5805	TELEPHONE AND TELEGRAPH	\$3,783,842	17	\$2,706,218	34	\$1,162,322	19
	EQUIPMENT						
Q999	MEDICAL- OTHER	\$3,725,257	22	\$2,822,686	30	\$3,561,285	43
J099	MAINT/REPAIR/REBUILD OF	\$3,708,793	63	\$977,532	60	\$1,537,979	73
	EQUIPMENT- MISCELLANEOUS						
J041	MAINT/REPAIR/REBUILD OF	\$3,579,230	19	\$2,857,969	23	\$3,892,937	19
	EQUIPMENT- REFRIGERATION,						
	AIR CONDITIONING, AND AIR						
	CIRCULATING EQUIPMENT						
5895	MISCELLANEOUS	\$3,120,103	38	\$2,977,456	24	\$5,037,526	37
	COMMUNICATION EQUIPMENT						
U099	EDUCATION/TRAINING- OTHER	\$3,057,313	7	\$127,870	1	\$84,287	1
AE21	R&D- ECONOMIC GROWTH:	\$2,997,857	2	\$0	0	\$0	0
	PRODUCT/SERVICE						
	IMPROVEMENT (BASIC						
	RESEARCH)	4		4		4	
Y1PZ	CONSTRUCTION OF OTHER	\$2,688,472	28	\$2,978,406	35	\$2,705,304	19
0510	NON-BUILDING FACILITIES	¢2.40F.000	1	¢c0.720	1	Ć1E 007	2
9510	BARS AND RODS	\$2,495,069	1	\$60,720	1	\$15,897	2
Z1PZ	MAINTENANCE OF OTHER NON-	\$2,353,107	14	\$439,616	2	\$0	1
	BUILDING FACILITIES						
AC61	R&D- DEFENSE SYSTEM:	\$2,337,472	8	\$10,659,348	12	\$1,679,010	5
	ELECTRONICS/COMMUNICATIO						
	N EQUIPMENT (BASIC RESEARCH)						
C201	•	\$2,302,804	29	\$2,008,524	17	\$1,873,192	22
S201	HOUSEKEEPING- CUSTODIAL JANITORIAL	\$2,302,804	29	\$2,008,524	1/	\$1,873,192	22
Z2AZ	REPAIR OR ALTERATION OF	\$2,291,776	13	\$6,030,634	1	\$24,855	3
LLAL	OTHER ADMINISTRATIVE	72,231,770	13	70,030,034		724,033	3
	FACILITIES AND SERVICE						
	BUILDINGS						
AC62	R&D- DEFENSE SYSTEM:	\$2,247,906	3	\$0	0	\$0	0
	ELECTRONICS/COMMUNICATIO						
	N EQUIPMENT (APPLIED						
	RESEARCH/EXPLORATORY						
	DEVELOPMENT)						
5440	SCAFFOLDING EQUIPMENT AND	\$2,054,761	8	\$2,701,198	5	\$2,264,277	10
	CONCRETE FORMS						