

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

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	REMIEDIATION 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 MANUFACTURING	\$1,282,173	9	\$446,410	7	\$228,338.16	9
722310	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/BRIDGES/RAILWAYS	\$15,049,500	49	\$5,863,689	32	\$10,227,613	21

AD24	R&D- DEFENSE OTHER: SERVICES (ENGINEERING DEVELOPMENT)	\$14,597,952	81	\$17,738,956	66	\$20,043,372	97
AD92	R&D- DEFENSE OTHER: OTHER (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	\$12,499,344	18	\$33,102,080	34	\$6,404,698	13
Z2BZ	REPAIR OR ALTERATION OF OTHER AIRFIELD STRUCTURES	\$12,233,092	11	\$54,386	1	\$0	2
7045	INFORMATION TECHNOLOGY SUPPLIES	\$12,051,720	65	\$18,229,769	161	\$23,738,950	151
AD95	R&D- DEFENSE OTHER: OTHER (OPERATIONAL SYSTEMS DEVELOPMENT)	\$11,728,544	33	\$17,402,840	105	\$10,468,822	52
AC22	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	\$11,021,909	52	\$16,898,893	76	\$10,747,953	56
D316	IT AND TELECOM- TELECOMMUNICATIONS NETWORK MANAGEMENT	\$8,974,986	18	\$14,200,743	29	\$12,647,160	25
Z2AA	REPAIR OR ALTERATION OF OFFICE BUILDINGS	\$8,154,727	49	\$28,978,198	38	\$11,250,871	58
Z2NB	REPAIR OR ALTERATION OF HEATING AND COOLING PLANTS	\$8,015,912	10	\$224,589	3	\$76,239	1
AC51	R&D- DEFENSE SYSTEM: WEAPONS (BASIC RESEARCH)	\$7,736,705	23	\$8,252,913	17	\$4,932,224	11
D399	IT AND TELECOM- OTHER IT AND TELECOMMUNICATIONS	\$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/SERVICES 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, AIRBORNE	\$4,611,943	8	\$10,766,943	12	\$7,733,685	12

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