

FY1998 / FY1999
BIENNIAL BUDGET ESTIMATES
AIR NATIONAL GUARD



19970314 006

FY 1998
MILITARY CONSTRUCTION
PROGRAM

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**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 1998**

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**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 1998**

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPROP AMOUNT (000)</u>	<u>DD FORM 1391 PAGE NO.</u>
Colorado	Buckley Air National Guard Base		
	Upgrade Base Infrastructure Systems	<u>12,800</u>	b-3
	Sub-Total Colorado	12,800	
Georgia	Robins Air Force Base		
	B-1 Power Check Pad and Sound Suppressor	1,000	b-8
	B-1 Composite Operations Complex	5,300	b-11
	B-1 Aircraft Organizational Maintenance Shops	<u>520</u>	b-14
	Sub-Total Georgia	6,820	
Idaho	Boise Air Terminal (Gowen Field)		
	C-130 Composite Hangar and Maintenance Shops	<u>12,000</u>	b-18
	Sub-Total Idaho	12,000	
Michigan	Alpena County Regional Airport		
	ACTS Range Support and RAPCON Facility	<u>5,000</u>	b-23
	Sub-Total Michigan	5,000	
Minnesota	Minneapolis St. Paul International Airport		
	Vehicle Wash Facility	<u>360</u>	b-59
	Sub-Total Minnesota	360	
Mississippi	Gulfport-Biloxi Regional Airport		
	Regional Fire Training Facility	<u>900</u>	b-30
	Sub-Total Mississippi	900	
North Carolina	Charlotte/Douglas International Airport		
	Alter Fuel Systems Maintenance and Corrosion Control Facility	<u>2,550</u>	b-35
	Sub-Total North Carolina	2,550	
New York	Schenectady County Airport		
	Fuel Cell and Corrosion Control Hangar	<u>5,700</u>	b-40
	Sub-Total New York	5,700	

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH/APPROP AMOUNT (000)</u>	<u>DD FORM 1391 PAGE NO.</u>
Oregon	Klamath Falls International Airport		
	Vehicle Refueling Shop and Paint Bay	<u>520</u>	b-45
	Sub-Total Oregon	520	
Rhode Island	Quonset State Airport		
	Add to Fuel Systems/Corrosion Control Maintenance Facility	<u>355</u>	b-59
	Sub-Total Rhode Island	355	
South Carolina	McEntire Air National Guard Base		
	Add to Fuel Systems/Corrosion Control Maintenance Facility	<u>1,500</u>	b-52
	Sub-Total South Carolina	1,500	
Utah	Salt Lake City International Airport		
	Vehicle Washing and Corrosion Control Facility	<u>460</u>	b-57
	Sub-Total Utah	460	
	SUB-TOTAL INSIDE THE UNITED STATES	48,965	
	SUB-TOTAL -- ALL BASES	<u>48,965</u>	
	PLANNING AND DESIGN	7,029	b-60
	UNSPECIFIED MINOR CONSTRUCTION	4,231	b-62
	SUB-TOTAL -- SUPPORT COSTS	<u>11,260</u>	
	GRAND TOTAL	<u>60,225</u>	

**SUMMARY PROJECT LIST
AIR NATIONAL GUARD
NEW MISSION VERSUS CURRENT MISSION -- FY 98**

LOCATION	PROJECT	COST (000)	CURRENT/ NEW/ENV
Buckley ANGB, CO	Upgrade Base Infrastructure Systems	12,800	N
Robins AFB, GA	B-1 Power Check Pad and Sound Suppressor	1,000	N
	B-1 Composite Operations Complex	5,300	N
	B-1 Aircraft Organizational Maintenance Shops	520	N
Boise Air Terminal, ID	C-130 Composite Hangar and Maintenance Shops	12,000	N
Alpena County Regional Apt, MI	ACTS Range Support and RAPCON Facility	5,000	N
Minn-St Paul IAP, MN	Vehicle Wash Facility	360	ENV
Gulfport-Biloxi Regional Apt, MS	Regional Fire Training Facility	900	ENV
Charlotte/Douglas IAP, NC	Alter Fuel Systems Maintenance and Corrosion Control Facility	2,550	ENV
Schenectady County Apt, NY	Fuel Cell and Corrosion Control Hangar	5,700	ENV
Klamath Falls IAP, OR	Vehicle Refueling Shop and Paint Bay	520	ENV
Quonset State Apt, RI	Add to Fuel Systems/Corrosion Control Maintenance Facility	355	ENV
McEntire ANGB, SC	Add to Fuel Systems/Corrosion Control Maintenance Facility	1,500	ENV
Salt Lake City IAP, UT	Vehicle Washing and Corrosion Control Facility	460	ENV
	PLANNING AND DESIGN	7,029	
	UNSPECIFIED MINOR CONSTRUCTION	<u>4,231</u>	
	TOTAL NEW MISSION	36,620	
	TOTAL CURRENT MISSION	0	
	TOTAL ENVIRONMENTAL	<u>12,345</u>	
	GRAND TOTAL - FY 1998 REQUEST	60,225	

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 1998**

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution there for, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$60,255,000 (\$189,855,000) to remain available until September 30, 2002 (September 30, 2001)

() Individual FY 97 Appropriation Language

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391s.

Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analyses have been or will be prepared for all projects over \$2,000,000.

SPECIAL PROGRAM CONSIDERATIONS (continued)

Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Mil. Con., Air National Guard
Object Classification (in Thousands of dollars)

Identification code	57-3830-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
132.001 Land and structures		202,501	136,004	104,000	73,511
199.001 Total Direct obligations		202,501	136,004	104,000	73,511
Allocation Accounts					
332.001 Land and structures		20,305	15,202	13,570	11,170
399.001 Total Allocation Accounts		20,305	15,202	13,570	11,170
999.901 Total obligations		222,806	151,206	117,570	84,681
Obligations are distributed as follows:					
Defense-Military:Army		1,040	924	500	350
Defense-Military:Navy		10,655	6,400	4,570	3,540
Defense-Military:Air Force		211,111	143,882	112,500	80,791
Total Obligations		222,806	151,206	117,570	84,681

Mil. Con., Air National Guard
Program and Financing (in Thousands of dollars)

Identification code	57-3830-0-1-051	Obligations			
		1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
00.0101	Major construction	202,501	128,579	102,030	69,748
00.0201	Minor construction	5,118	5,370	4,461	4,172
00.0301	Planning	15,187	17,257	11,079	10,761
10.0001	Total	222,806	151,206	117,570	84,681
Financing:					
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans	-210,520	-158,949	-197,598	-140,253
21.4003	Available to finance new budget plans	-6,700			
21.4009	Reprogramming from/to prior year budget plans				
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans	158,949	197,598	140,253	87,483
25.0001	Unobligated balance expiring	38			
40.0001	Budget authority (Appropriation)	164,572	189,855	60,225	31,911
Relation of obligations to outlays:					
71.0001	Obligations incurred	222,806	151,206	117,570	84,681
72.4001	Obligated balance, start of year	264,824	209,190	145,940	68,359
74.4001	Obligated balance, end of year	-209,190	-145,940	-68,359	-46,293
77.0001	Adjustments in expired accounts (net)	-93			
90.0001	Outlays (net)	278,347	214,456	195,151	106,747

Mil. Con., Air National Guard
Object Classification (in Thousands of dollars)

Identification code	57-3830-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
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Total Obligations		222,806	151,206	117,570	84,681

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 1998**

SECTION II

INSTALLATIONS AND PROJECT JUSTIFICATION DATA

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO			4. AREA CONSTR COST INDEX 1.02
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 400-person Armory, Aurora, 3 Miles; Fitzsimmons, Denver, 6 Miles; Navy (Navy, Marines, Coast Guard) Reserve Center, Aurora, 1/2 Mile; 4 ARNG Armories, Army Aviation Support Facility, Organization Maintenance Facility, USAR Armories, Denver, 4 and 6 Miles.			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000) DESIGN STATUS START CMPL
851-147	UPGRADE BASE INFRASTRUCTURE SYSTEMS	LS	12,800 JUN 93 SEP 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 23 JAN 96 (Date)			
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	4,400
BMAR: \$14,850,411.00			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE SEP 7 1997
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO					
11. PERSONNEL STRENGTH AS OF 18 JUN 96					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	703	58	386	259	1,589 209 1,380
ACTUAL	695	58	385	252	1,420 207 1,213
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
240	CEF	33	31		
120	FS	37	40		
140	SVF	35	38		
140	OG	3	3		
140	OLG	20	18		
140	SG	5	6		
140	OSF	21	25		
140	MSF	34	35		
140	MXS	201	172		
140	WG	57	55		
140	MDS	67	67		
140	AGS	175	156		
140	LSF	32	27		
120	WF	20	16		
140	CES	137	116		
140	STT	18	15		
227	ATCF	75	57		
140	SPS	57	51		
140	LGS	112	106		
140	WG DET	14	12		
140	CFT	37	42		
8140	SF	0	6		
200	AS	82	71		
137	SWS	292	225		
	HQCOANG	25	30		
		1,589	1,420		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
F-16 Aircraft		15	20		
T-43A Aircraft		2	2		
Support Equipment		570	470		
Vehicle Equivalents		983	813		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE SEP 7 1997
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO		4. PROJECT TITLE UPGRADE BASE INFRASTRUCTURE SYSTEMS		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 851-147	7. PROJECT NUMBER CRWU909853	8. PROJECT COST(\$000) \$12,800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UPGRADE BASE INFRASTRUCTURE SYSTEMS	LS			11,062
ROADS AND STREETS	M	6,000	880	(5,280)
ELECTRIC DISTRIBUTION/COMM SYSTEMS	LS			(1,600)
STORM DRAINAGE/DETENTION SYSTEM	LS			(2,535)
WATER DISTRIBUTION MAINS	M	750	320	(240)
BASE FIRE SUPPRESSION SYSTEM	LS			(250)
SANITARY SEWER MAINS	M	1,850	300	(555)
SECURITY GUARDHOUSE/UTILITY SUPPORT	SM	34	7,410	(252)
PASS AND ID FACILITY/UTILITY SUPPORT	SM	70	5,000	(350)
SUBTOTAL				11,062
CONTINGENCY (10%)				1,106
TOTAL CONTRACT COST				12,168
SUPERVISION, INSPECTION AND OVERHEAD (5%)				608
TOTAL REQUEST				12,776
TOTAL REQUEST (ROUNDED)				12,800
10. Description of Proposed Construction: Upgrade primary base infrastructure systems to include roadways, electrical, domestic water, fire suppression water system, sanitary sewers, storm drainage, street lighting, sidewalks and supporting systems. Upgrades security guardhouse and constructs a pass and identification facility.				
11. REQUIREMENT: As required. PROJECT: Upgrade Base Infrastructure Systems (New Mission) REQUIREMENT: The base requires an infrastructure system upgrade to bring primary roadways and utilities to current standards and to better support the influx of new missions. Reliable utilities and serviceable roadways are required to support the Defense Support Program's (DSP) 2nd Space Warning Squadron and the transition to the new Space Based Infrared System (SBIRS), as well as the growing Aerospace Data Facility. This project is also required to support several new facilities for the newly commissioned 821st Space Group supporting active duty forces in the Greater Metropolitan Denver Area. Additionally, this project will improve undersized utilities and roadways supporting the Air Guard's F-16 Fighter Wing. This project also replaces the existing south gate guardhouse to meet anti-terrorist requirements and adds a new pass and identification facility to control access into the installation. Finally, the base fire suppression system requires upgrading to meet National Fire Protection Agency (NFPA) codes. CURRENT SITUATION: The existing electrical system is undersized in most areas, especially the south portion of the base, with no capacity to support additional building construction. Sanitary sewers were constructed in the 1940s and early 1950s with no significant upgrades. The sewers experience storm water infiltration. The base roadways were				

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB - 7 1997
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO		
4. PROJECT TITLE UPGRADE BASE INFRASTRUCTURE SYSTEMS		5. PROJECT NUMBER CRWU909853
constructed in the same time period and are severely deteriorated. The main artery through the base does not meet current traffic standards, is too narrow, has no shoulders, and is congested. This road will not safely support the additional traffic resulting from the beddown of the new 821st Space Group. A comprehensive storm drainage system does not exist which results in periodic flooding and erosion. Sidewalks, street lighting and support for communications systems, such as fiber optics, do not exist. Water for the base fire suppression system is provided by three gasoline engine pumps which must be replaced to ensure safe and reliable water pressure and to meet NFPA Code 20. The existing south gate was built as a temporary work around in the 1970s. No sanitary facilities exist, forcing the security police to stop traffic when using a portable latrine positioned near the gate. The gate does not meet anti-terrorism requirements. The increase in active duty, retiree, and visitor population makes it impossible for a single security officer to check incoming traffic and issue passes without compromising security. The highly sensitive resources on Buckley require a separate pass and identification facility to ensure proper security and resource protection. <u>IMPACT IF NOT PROVIDED:</u> Existing roads and utility systems are either at their maximum capacity or are severely deteriorated and cannot support additional facility requirements needed for the beddown of the 821st Space Group. Accelerated deterioration will continue, utility systems failures will increase, and operations and maintenance costs will grow substantially. Flooding and erosion will continue without an upgrade to the storm drainage system. Security for the base will continue to be hampered due to lack of proper facilities. <u>ADDITIONAL:</u> This project is part of a comprehensive MILCON program developed to beddown the 821st Space Group which supports active duty forces in the Greater Metropolitan Denver Area, to provide reliable support to the DSP mission, and to provide for the expansion of the Aerospace Data Facility. Projects associated with the Denver Area Support Initiative at Buckley ANGB include CRWU961460, Troop Support Facilities in FY 96; CRWU953050, BRAC Dormitory in FY 97; CRWU983001, Administration Facility in FY 98; and CRWU983002, Add to Security Police Facility in FY 98.		

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1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. AREA CONSTR COST INDEX 0.96	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air Force Reserve Facility, 2 Army National Guard Armories, 1 Army Reserve Facility, 1 Navy/Marine Reserve Facility				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
116-665	B-1 POWER CHECK PAD AND SOUND SUPPRESSOR	LS	1,000	OCT 95 JUN 97
141-753	B-1 COMPOSITE OPERATIONS COMPLEX	3,327 SM	5,300	AUG 96 JUN 97
211-154	B-1 AIRCRAFT ORGANIZATIONAL MAINTENANCE SHOPS	750 SM	520	AUG 96 JUN 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				7 MAY 96 (Date)
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	
171-445	B-1 OPS AND TNG FACILITY	32,800 SF	5,000	
171-450	B-1 MEDICAL TRAINING ADDITION	5,000 SF	850	
171-875	B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX	48,600 SF	8,900	
214-425	B-1 VEHICLE MAINT COMPLEX	14,400 SF	1,850	
216-642	B-1 RELO MUNITIONS/INSPC SHOP	1,300 SF	350	
219-944	B-1 BASE ENGINEER MAINT COMP	20,300 SF	3,000	
442-758	B-1 SUPPLY AND EQUIPMENT WHSE	46,600 SF	4,800	
722-351	B-1 DINING HALL JOINT WITH ACC	4,000 SF	620	
932-000	B-1 AREA SITE IMPROVEMENTS	LS	1,000	
BMAR: \$ 0				

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA						
11. PERSONNEL STRENGTH AS OF 20 AUG 96						
	PERMANENT				GUARD/RESERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER ENLISTED
AUTHORIZED	598	82	516	0	1,115	142 973
ACTUAL	457	66	391	0	923	106 817
12. RESERVE UNIT DATA						
		STRENGTH				
UNIT DESIGNATION		AUTHORIZED		ACTUAL		
116	CES	71		75		
116	MXS	254		199		
116	COMMFT	35		33		
116	MSF	33		30		
116	LOG SQ	106		84		
116	BOMBWG	60		51		
116	HOSPT	52		52		
116	SP SQ	57		46		
128	BOMBSQ	66		47		
530	AFBAND	36		36		
116	SVS FT	20		24		
116	OPS GP	5		3		
116	OS SPT	31		27		
116	LGS GP	25		17		
116	SPT GP	5		5		
116	AGS	219		161		
116	LSF	40		33		
TOTALS		1,115		923		
13. MAJOR EQUIPMENT AND AIRCRAFT						
TYPE		AUTHORIZED		ASSIGNED		
B-1 Bomber		8		4		
Support Equipment		416		210		
Vehicle Equivalents		227		229		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE B-1 POWER CHECK PAD AND SOUND SUPPRESSOR		
5. PROGRAM ELEMENT 51628F	6. CATEGORY CODE 116-665	7. PROJECT NUMBER UHHZ939787	8. PROJECT COST(\$000) \$1,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
B-1 POWER CHECK PAD AND SOUND SUPPRESSOR	LS			670
SUPPORTING FACILITIES				240
UTILITIES	LS			(100)
SITE IMPROVEMENTS	LS			(35)
PAVEMENTS	LS			(105)
SUBTOTAL				910
CONTINGENCY (5%)				46
TOTAL CONTRACT COST				956
SUPERVISION, INSPECTION AND OVERHEAD (5%)				48
TOTAL REQUEST				1,004
TOTAL REQUEST (ROUNDED)				1,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(3,400)
10. Description of Proposed Construction: A reinforced concrete foundation for sound suppressor system with asphaltic concrete access pavement. Service road, waste water collection system, oil/water separator and all other utilities shall be included.				
11. REQUIREMENT: As required. <u>PROJECT:</u> B-1 Power Check Pad and Sound Suppressor (New Mission). <u>REQUIREMENT:</u> The 116th Fighter Wing at Dobbins Air Reserve Base, GA, has moved to Robins AFB and converted from F-15 fighter aircraft to B-1 bomber aircraft. The aircraft arrived in April 1996. This project requirement was identified during a joint site survey by HQ USAF, ACC, ANG, and base personnel. This project supports the delivery of new equipment for beddown of the B-1 bomber. Testing of aircraft engines on the ground requires long periods of engine thrust. This creates a noise hazard environment for both the on and off-base populations. This facility provides a controlled test environment that minimizes this hazard. <u>CURRENT SITUATION:</u> The base does not have a suppressed engine test stand. Since the existing unsuppressed stand cannot be used due to extreme noise generated, the engines are being shipped to McConnell AFB, KS, for testing. The suppressed engine test stand is required to perform functional engine checks such as trim runs, leak checks, vibration runs, turbine run-in, and trouble shooting. Engine testing on the aircraft is not possible. In the Air Force during the last three years, five engines have exploded on test cells. If these tests would have been done on the aircraft, it would have destroyed the aircraft with possible loss of life. <u>IMPACT IF NOT PROVIDED:</u> Unable to test engines and unable to adequately maintain the B-1 aircraft. The training and readiness of personnel will be adversely affected and the unit will be unable to reach full				

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		FEB 7 1997
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 POWER CHECK PAD AND SOUND SUPPRESSOR	UHHZ939787	
operational capability. Engines will continue to be shipped to other B-1 bases costing more money and reducing responsiveness of engine testing.		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997								
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA										
4. PROJECT TITLE B-1 POWER CHECK PAD AND SOUND SUPPRESSOR	5. PROJECT NUMBER UHHZ939787									
12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 95 OCT 01 (b) Percent Complete as of Jan 97 60% (c) Date 35% Designed 96 SEP 01 (d) Date Design Complete 97 JUN 30 (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 47 (b) All Other Design Costs 20 (c) Total 67 (d) Contract 67 (e) In-house (4) Construction Start 98 MAY b. Equipment associated with this project will be provided from other appropriations: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: center;">PROCURING APPROPRIATION</th> <th style="text-align: center;">FISCAL YEAR APPROPRIATED OR REQUESTED</th> <th style="text-align: right;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>HUSH HOUSE WITH CAB</td> <td style="text-align: center;">3080</td> <td style="text-align: center;">1997</td> <td style="text-align: right;">3400</td> </tr> </tbody> </table> Point of Contact: Mr. Steve Rider 301-836-8083			EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)	HUSH HOUSE WITH CAB	3080	1997	3400
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)							
HUSH HOUSE WITH CAB	3080	1997	3400							

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE B-1 COMPOSITE OPERATIONS COMPLEX		
5. PROGRAM ELEMENT 51628F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER UHHZ939790	8. PROJECT COST(\$000) \$5,300	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
B-1 COMPOSITE OPERATIONS COMPLEX	SM	3,327		4,578
SQUADRON OPERATIONS	SM	2,900	1,380	(4,002)
SECURITY POLICE OPERATIONS	SM	427	1,350	(576)
SUPPORTING FACILITIES				245
UTILITIES	LS			(135)
SITE IMPROVEMENTS	LS			(55)
PAVEMENTS	LS			(55)
SUBTOTAL				4,823
CONTINGENCY (5%)				241
TOTAL CONTRACT COST				5,064
SUPERVISION, INSPECTION AND OVERHEAD (5%)				253
TOTAL REQUEST				5,317
TOTAL REQUEST (ROUNDED)				5,300
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls with roof structure. Project includes all utilities, fire protection, site improvements, pavements, and support. Facility is to support pre-wired workstation installation. Air Conditioning: 50 Tons.				
11. REQUIREMENT: 3,327 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: B-1 Composite Operations Complex (New Mission). REQUIREMENT: The 116th Fighter Wing at Dobbins Air Reserve Base, GA, has moved to Robins AFB, GA, and converted from F-15 fighter aircraft to B-1 bomber aircraft. The aircraft arrived in April 1996. This project requirement was identified during a joint site survey by HQ USAF, ACC, ANG, and base personnel. Adequately sized and properly configured space is required for aircrews, flight planning, intelligence, flight line maintenance, life support, and training. In addition, a facility is required to house security police operations and administration functions attached to the bomb wing. CURRENT SITUATION: There are no facilities available at Robins AFB to support the sustained operation of the B-1 aircraft. All permanent facilities are being used to full capacity to support the current and numerous new missions at Robins AFB. The B-1 unit has been given temporary space in the former alert crew quarters which is across the runway from the aircraft parking ramp, a distance of approximately 6 miles. The security police function is in a significantly undersized facility that the host has also made available on a temporary basis. The interim facilities do not have provisions for the storage of classified material. The temporary squadron operations facility is located within the explosive safety zone. As such, the facility must be vacated when				

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		FEB 7 1997
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
B-1 COMPOSITE OPERATIONS COMPLEX	UHHZ939790	
munitions are being loaded on the aircraft. The proper command and control for operations and security functions does not exist. Also, training and mission planning is severely disrupted. <u>IMPACT IF NOT PROVIDED:</u> Unit unable to reach full operational capability. Higher operating costs and lost or degraded training opportunities result from inadequate mission planning. This reduces the unit's ability to attain wartime readiness and adversely affects the overall safety of operations. Possible compromise in security. <u>ADDITIONAL:</u> Project directly supports a mission or activity for which there is no enonomic analysis requirement.		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
ANG			FEB 7 1997
3. INSTALLATION AND LOCATION			
ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE		5. PROJECT NUMBER	
B-1 COMPOSITE OPERATIONS COMPLEX		UHHZ939790	
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started		96 AUG 01	
(b) Percent Complete as of Jan 97		35%	
(c) Date 35% Designed		96 SEP 01	
(d) Date Design Complete		97 JUN 30	
(2) Basis:			
(a) Standard or Definitive Design -		NO	
(b) Where Design Was Most Recently Used -		N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)	
(a) Production of Plans and Specifications		330	
(b) All Other Design Costs		110	
(c) Total		440	
(d) Contract		440	
(e) In-house			
(4) Construction Start		98 MAY	
b. Equipment associated with this project will be provided from other appropriations: N/A			
Point of Contact: Mr. Steve Rider 301-836-8083			

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE B-1 AIRCRAFT ORGANIZATIONAL MAINTENANCE SHOPS		
5. PROGRAM ELEMENT 51628F	6. CATEGORY CODE 211-154	7. PROJECT NUMBER UHHZ959648	8. PROJECT COST(\$000) \$520		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
AIRCRAFT ORGANIZATIONAL MAINTENANCE SHOP		SM	750	420	315
SUPPORTING FACILITIES					155
UTILITIES		LS			(75)
PAVEMENTS		LS			(50)
SITE IMPROVEMENTS		LS			(30)
SUBTOTAL					470
CONTINGENCY (5%)					24
TOTAL CONTRACT COST					494
SUPERVISION, INSPECTION AND OVERHEAD (5%)					25
TOTAL REQUEST					519
TOTAL REQUEST (ROUNDED)					520
10. Description of Proposed Construction: Pre-engineered building with metal walls, roof, and concrete pier foundation. The existing concrete will be used as the floor slab. Includes all utilities, fire protection, pavements, site improvements, and support. Air Conditioning: 5 Tons.					
11. REQUIREMENT: 750 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: B-1 Aircraft Organizational Maintenance Shops (New Mission). REQUIREMENT: This project supports the conversion and relocation of F-15 aircraft at Dobbins Air Reserve Base, GA, to B-1 aircraft at Robins AFB. HQ USAF, ACC, ANG, and base personnel identified and validated the requirement for this project during a joint site survey. The aircraft arrived in April 1996. An adequately sized and properly configured facility is required to accomplish aircraft maintenance and repair, calibration, periodic inspections, and maintenance administration. CURRENT SITUATION: Robins AFB does not have any excess facilities that can support the B-1 organizational maintenance function. Critical maintenance activities are being accomplished either in a temporary facility that had been scheduled for demolition or outdoors. The interim workaround lacks sufficient space and the necessary electrical power, compressed air, and other utilities with which to perform the mission. IMPACT IF NOT PROVIDED: Mission readiness will continue to be hampered. Training opportunities lost due to current facility inadequacies and outside weather conditions. Insufficient maintenance training will adversely affect the unit reaching full operational capability. ADDITIONAL: The proposed site is an existing concrete pavement that is intended to be used as the facility floor. Doing so, reduces the unit cost of the facility from \$860/SM to \$420/SM.					

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE B-1 AIRCRAFT ORGANIZATIONAL MAINTENANCE SHOPS		5. PROJECT NUMBER UHHZ959648
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		96 AUG 19
(b) Percent Complete as of Jan 97		35%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 JUN 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		17
(b) All Other Design Costs		8
(c) Total		25
(d) Contract		25
(e) In-house		
(4) Construction Start		98 APR
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. Steve Rider 301-836-8083		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO		4. AREA CONSTR COST INDEX 1.19
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Facility, 1 Army Reserve Facility, 1 US Army Signal Detachment, 1 Army Research Institute and 1 Navy/Marine Corp Reserve		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998		
CATEGORY CODE	PROJECT TITLE	SCOPE
211-111	C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS	7,250 SM
		12,000
		SEP 95
		AUG 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved		
		3 APR 96 (Date)
9. LAND ACQUISITION REQUIRED		None
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY CODE	PROJECT TITLE	SCOPE
131-111	COMPOSITE SUPPORT COMPLEX	17,000 SF
141-753	C-130 SQUADRON OPERATIONS/ AERIAL PORT TRAINING FACILITY	38,200 SF
171-450	JOINT MEDICAL TRAINING FACILITY (ANG/ARNG)	13,000 SF
211-179	UPGRADE A-10 FUEL CELL AND CORROSION CONTROL HANGAR/SHOPS	30,400 SF
216-642	EXPAND MUNITIONS COMPLEX AND ARM/DISARM APRONS	LS
442-758	ADD TO BASE SUPPLY COMPLEX	20,700 SF
		3,500
		8,800
		1,550
		1,500
		3,450
		2,300
BMAR: \$6,666,585.00		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997																																																																																								
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO																																																																																													
11. PERSONNEL STRENGTH AS OF 21 JUN 96																																																																																													
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TYPE		AUTHORIZED	ASSIGNED																																																																																										
A-10		17	12																																																																																										
C-130		4	4																																																																																										
Support Equipment		192	135																																																																																										
Vehicle Equivalents		288	343																																																																																										

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD), IDAHO			4. PROJECT TITLE C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS		
5. PROGRAM ELEMENT 54332F	6. CATEGORY CODE 211-111	7. PROJECT NUMBER BXRH949737	8. PROJECT COST(\$000) \$12,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
COMPOSITE HANGAR AND MAINTENANCE SHOPS	SM	7,250		8,998	
AIRCRAFT MAINTENANCE HANGAR	SM	2,600	1,400	(3,640)	
GENERAL PURPOSE MAINTENANCE SHOPS	SM	2,000	1,190	(2,380)	
ORGANIZATIONAL MAINTENANCE SHOPS	SM	850	1,080	(918)	
AVIONICS SHOP/DCM AREA	SM	1,050	1,190	(1,250)	
SURVIVAL EQUIPMENT/ASE STORAGE	SM	750	1,080	(810)	
SUPPORTING FACILITIES				1,970	
UTILITIES/FIRE PROTECTION	LS			(760)	
SITE IMPROVEMENTS/PAVEMENTS/ROADS	LS			(710)	
SITE COMMUNICATIONS/OUTSIDE PLANT	LS			(500)	
SUBTOTAL				10,968	
CONTINGENCY (5%)				548	
TOTAL CONTRACT COST				11,516	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				576	
TOTAL REQUEST				12,092	
TOTAL REQUEST (ROUNDED)				12,000	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel framing with metal skin/masonry walls, and roof structure. Interior mechanical, electrical, and fire protection systems. Exterior utilities, vehicle/aircraft pavements, communications, and site improvements. Air Conditioning: 40 Tons.					
11. REQUIREMENT: 7,250 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: C-130 Composite Hangar and Maintenance Shops (New Mission). REQUIREMENT: This project supports the unit's conversion from 30 F-4G to 17 A-10 and 4 C-130 aircraft. The base requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems to support the aircraft maintenance, the organizational and general purpose shops, and equipment storage requirements of the newly assigned C-130 mission. The C-130 aircraft arrived in late 1996. CURRENT SITUATION: The unit does not have any facilities to house the aircraft maintenance functions. The former F-4G hangar and aircraft maintenance shops are being utilized to support the A-10 aircraft. The C-130 aircraft cannot fit in any other facility and the base does not have any other excess space for the specialized shops. Maintenance work is being accomplished in a temporary fabric stress-tension structure. This interim facility lacks the specialized shop space necessary to perform repairs and maintenance. Upon completion of this project, the 2,230 SM interim facility will be removed from the base. IMPACT IF NOT PROVIDED: Non-existent facilities contribute to impaired maintenance on assigned aircraft and ineffective training of personnel. Unit unable to reach full operational capability. Unit readiness adversely affected. Higher operating costs from temporary facility.					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		FEB 7 1997
3. INSTALLATION AND LOCATION		
BOISE AIR TERMINAL (GOWEN FIELD), IDAHO		
4. PROJECT TITLE		5. PROJECT NUMBER
C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS		BXRH949737
<u>ADDITIONAL:</u> An exception to the economic ananlysis requirement has been prepared for this project.		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1998
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD), IDAHO		
4. PROJECT TITLE G-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS		5. PROJECT NUMBER BXRH949737
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		95 SEP 01
(b) Percent Complete as of Jan 97		65%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		480
(b) All Other Design Costs		190
(c) Total		670
(d) Contract		
(e) In-house		670
(4) Construction Start		98 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. John Loehle 301-836-8076		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN		4. AREA CONSTR COST INDEX 1.10
5. FREQUENCY AND TYPE OF UTILIZATION Daily use by full time personnel, used by up to 40 visiting military units per year for periods ranging from 2 days to 4 weeks.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998		
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	COST (<u>\$000</u>)
<u>SCOPE</u>	<u>DESIGN STATUS</u> START CMPL	
179-481	ACTS RANGE SUPPORT AND RAPCON FACILITY	2,600 SM 5,000 APR 96 AUG 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved		
		21 AUG 96 (Date)
9. LAND ACQUISITION REQUIRED		None
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	COST (<u>\$000</u>)
<u>SCOPE</u>		
179-481	AIR-TO-GROUND RANGE SUPPORT FACILITIES	LS 2,300
832-266	SANITARY SEWER LINE	19,800 LM 3,600
BMAR: \$7,396,236.00		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997																													
3. INSTALLATION AND LOCATION ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN																																		
11. PERSONNEL STRENGTH AS OF 19 JUL 96																																		
	<table border="1"> <tr> <th colspan="4">PERMANENT</th> <th colspan="3">GUARD/RESERVE</th> </tr> <tr> <th>TOTAL</th> <th>OFFICER</th> <th>ENLISTED</th> <th>CIVILIAN</th> <th>TOTAL</th> <th>OFFICER</th> <th>ENLISTED</th> </tr> <tr> <td>AUTHORIZED</td> <td>154</td> <td>8</td> <td>77</td> <td>69</td> <td>26</td> <td>2</td> <td>24</td> </tr> <tr> <td>ACTUAL</td> <td>136</td> <td>8</td> <td>74</td> <td>54</td> <td>19</td> <td>1</td> <td>18</td> </tr> </table>				PERMANENT				GUARD/RESERVE			TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	AUTHORIZED	154	8	77	69	26	2	24	ACTUAL	136	8	74	54	19	1	18
PERMANENT				GUARD/RESERVE																														
TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED																												
AUTHORIZED	154	8	77	69	26	2	24																											
ACTUAL	136	8	74	54	19	1	18																											
12. RESERVE UNIT DATA																																		
<table border="1"> <tr> <th rowspan="2">UNIT DESIGNATION</th> <th colspan="2">STRENGTH</th> </tr> <tr> <th>AUTHORIZED</th> <th>ACTUAL</th> </tr> <tr> <td>CRTC CRTC</td> <td>26</td> <td>19</td> </tr> <tr> <td>TOTALS</td> <td>26</td> <td>19</td> </tr> </table>				UNIT DESIGNATION	STRENGTH		AUTHORIZED	ACTUAL	CRTC CRTC	26	19	TOTALS	26	19																				
UNIT DESIGNATION	STRENGTH																																	
	AUTHORIZED	ACTUAL																																
CRTC CRTC	26	19																																
TOTALS	26	19																																
13. MAJOR EQUIPMENT AND AIRCRAFT																																		
<table border="1"> <tr> <th>TYPE</th> <th>AUTHORIZED</th> <th>ASSIGNED</th> </tr> <tr> <td>Support Equipment</td> <td>122</td> <td>122</td> </tr> <tr> <td>Vehicle Equivalents</td> <td>512</td> <td>512</td> </tr> </table>			TYPE	AUTHORIZED	ASSIGNED	Support Equipment	122	122	Vehicle Equivalents	512	512																							
TYPE	AUTHORIZED	ASSIGNED																																
Support Equipment	122	122																																
Vehicle Equivalents	512	512																																

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN			4. PROJECT TITLE ACTS RANGE SUPPORT AND RAPCON FACILITY		
5. PROGRAM ELEMENT 55393F	6. CATEGORY CODE 179-481	7. PROJECT NUMBER TDVG959514	8. PROJECT COST(\$000) \$5,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ACTS RANGE SUPPORT AND RAPCON FACILITY		SM	2,600		3,696
ACTS AREA		SM	1,300	1,450	(1,885)
RAPCON AREA		SM	650	1,400	(910)
BASE OPERATIONS AREA		SM	280	1,300	(364)
BASE COMMUNICATIONS AREA		SM	370	1,450	(537)
SUPPORTING FACILITIES					835
UTILITIES/PAVEMENTS		LS			(400)
SITE IMPROVEMENTS		LS			(275)
COMMUNICATIONS EXTENSION		LS			(160)
SUBTOTAL					4,531
CONTINGENCY (5%)					227
TOTAL CONTRACT COST					4,758
SUPERVISION, INSPECTION AND OVERHEAD (5%)					238
TOTAL REQUEST					4,996
TOTAL REQUEST (ROUNDED)					5,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(15,400)
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry walls and roof structure. Includes all utilities, fire protection, communication support, access pavements, site improvements, and support. Air Conditioning: 50 Tons.					
11. REQUIREMENT: 2,600 SM ADEQUATE: 0 SUBSTANDARD: 636 SM PROJECT: ACTS Range Support and RAPCON Facility (New Mission). <u>REQUIREMENT:</u> The base requires a properly sized, functionally efficient facility to house the Aircrew Combat Training System (ACTS) computer equipment, flight planning area, ready room, and support space; the Radar Approach Control (RAPCON) equipment and operation; the base operations function; and the base communications function. <u>CURRENT SITUATION:</u> The base is one of four ANG-operated regional training centers used by aircraft squadrons from Active Air Force, Air Force Reserve, Navy and Marines during frequent deployments. The ACTS is being procured by the Air Force in FY 97 for the ANG at a cost of \$12 million. Alpena is the only ANG Combat Readiness Training Center (CRTC) that has supersonic airspace over water and does not have the ACTS. The airspace was transferred to the ANG with the closure of K. I. Sawyer AFB, MI and Wurtsmith AFB, MI and is not being effectively used. The system is vital to the command and control and real-time accounting of air-to-air combat training. No facility exists on base that satisfies the facility requirements of the ACTS. The facility requires specialized environmental and power control systems. The base also does not have any space available for the RAPCON (GPN 20), which the Air Force has programmed for Alpena to receive when a suitable facility becomes available. The equipment is at the depot being upgraded to the next generation. In					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997
ANG		
3. INSTALLATION AND LOCATION		
ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN		
4. PROJECT TITLE	5. PROJECT NUMBER	
ACTS RANGE SUPPORT AND RAPCON FACILITY	TDVG959514	
addition, the facilities housing base operations and base communications are small and antiquated (between 35 and 55 years old). They are of wood construction, energy inefficient, and have no fire protection systems. They have inadequate utilities support and no training rooms. Operational requirements dictate the collocation of these related functions in one complex. Upon completion of this project the following will be demolished: Building 10 (356 SM); Building 305 (74 SM); Building 321 (186 SM); and Building 3000 (20 SM) for a total of 636 SM. <u>IMPACT IF NOT PROVIDED:</u> \$12 million worth of ACTS computer equipment and \$3.4 million worth of RAPCON (GPN 20) equipment cannot be installed. The supersonic air-to-air range cannot be used to its maximum potential. Degraded readiness and ability to perform training at maximum efficiency. Combat effectiveness of deploying Active and Reserve Component units will be lost. <u>ADDITIONAL:</u> An exception to the economic analysis requirement has been prepared for this project.		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE SEP 7 1997												
3. INSTALLATION AND LOCATION ALPENA COUNTY REGIONAL AIRPORT, MICHIGAN														
4. PROJECT TITLE ACTS RANGE SUPPORT AND RAPCON FACILITY	5. PROJECT NUMBER TDVG959514													
12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 96 APR 23 (b) Percent Complete as of Jan 97 65% (c) Date 35% Designed 96 SEP 01 (d) Date Design Complete 97 AUG 01 (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 280 (b) All Other Design Costs 100 (c) Total 380 (d) Contract 380 (e) In-house (4) Construction Start 98 JUN b. Equipment associated with this project will be provided from other appropriations: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: center;">PROCURING APPROPRIATION</th> <th style="text-align: center;">FISCAL YEAR APPROPRIATED OR REQUESTED</th> <th style="text-align: center;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>ACTS</td> <td style="text-align: center;">3080</td> <td style="text-align: center;">1997</td> <td style="text-align: center;">12000</td> </tr> <tr> <td>RAPCON</td> <td style="text-align: center;">3080</td> <td style="text-align: center;">1997</td> <td style="text-align: center;">3400</td> </tr> </tbody> </table> Point of Contact: Mr. John Loehle 301-836-8076			EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)	ACTS	3080	1997	12000	RAPCON	3080	1997	3400
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)											
ACTS	3080	1997	12000											
RAPCON	3080	1997	3400											

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION MINNEAPOLIS ST PAUL INTERNATIONAL AIRPORT, MINNESOTA			4. AREA CONSTR COST INDEX 1.37
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 5 Army National Guard Armories, 1 Air Force Reserve Base, 2 Army Reserve Facilities, 1 Naval Reserve Facility, 1 Naval Communications Facility, 1 Coast Guard Reserve Facility, 1 Marine Corps Reserve Facility, 1 Armed Forces Induction Station, and 1 Naval Reserve Air Station.			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000) DESIGN STATUS START CMPL
214-425	VEHICLE WASH FACILITY	218 SM	360 FEB 94 MAY 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 25 OCT 95 (Date)			
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)
219-944	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	25,300 SF	4,150
BMAR: \$7,558,812.00			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION MINNEAPOLIS ST PAUL INTERNATIONAL AIRPORT, MINNESOTA						
11. PERSONNEL STRENGTH AS OF 7 JUN 96						
	PERMANENT				GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	308	38	233	37	1,352	209 1,143
ACTUAL	302	37	231	34	1,294	220 1,074
12. RESERVE UNIT DATA						
				<u>STRENGTH</u>		
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	133	SVF		36	29	
	133	OG		6	6	
	133	LG		10	11	
	133	SPT GP		5	5	
	133	ALCF		14	14	
	133	AW		56	60	
	109	AS		95	101	
	133	MXS		147	118	
	133	MSF		34	30	
	133	MDS		61	61	
	109	AES		147	140	
	133	CF		37	38	
	208	WF		25	22	
	133	CES		147	118	
	133	APS		99	93	
	133	SPS		57	59	
	133	LS		112	97	
	210	EIS		130	138	
	133	AGS		62	56	
	133	LGSPFL		13	12	
	133	OPSPFL		22	22	
	HQ	MNANG		28	30	
	1833	STU FL		9	34	
	TOTALS			1,352	1,294	
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
C-130E Aircraft				8	8	
Support Equipment				169	161	
Vehicle Equivalents				438	497	

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION GULFPORT-BILOXI REGIONAL AIRPORT, MISSISSIPPI			4. AREA CONSTR COST INDEX 0.84
5. FREQUENCY AND TYPE OF UTILIZATION One weekend per month for three tenant units, Operational Readiness inspections/exercises, DoD joint training and annual training deployments averaging over 300 days per year for numerous units and several thousand personnel.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 5 Army National Guard Armories, 1 Air Force Base and 1 Naval Construction Battalion Center			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000) DESIGN STATUS START CMPL
179-511	REGIONAL FIRE TRAINING FACILITY	LS	900 JUN 96 MAY 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 29 NOV 95 (Date)			
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)
725-517	REPLACE TROOP TRAINING QUARTERS AND DINING HALL	65,800 SF	6,000
BMAR: \$7,635,806.00			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE SEP 7 '98	
3. INSTALLATION AND LOCATION GULFPORT-BILOXI REGIONAL AIRPORT, MISSISSIPPI						
11. PERSONNEL STRENGTH AS OF 26 JUN 96						
	PERMANENT				GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>
AUTHORIZED	206	15	121	70	449	47
ACTUAL	187	14	103	70	427	35
						ENLISTED
						402
						392
12. RESERVE UNIT DATA						
				STRENGTH		
<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>	
172 MED/OL				11	9	
CRTC GULFPR				88	68	
173 CES				105	120	
255 ACS				245	230	
TOTALS				449	427	
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
Support Equipment				204	190	
Vehicle Equivalents				841	941	

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE DEC 7 1997	
3. INSTALLATION AND LOCATION GULFPORT-BILOXI REGIONAL AIRPORT, MISSISSIPPI			4. PROJECT TITLE REGIONAL FIRE TRAINING FACILITY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 179-511	7. PROJECT NUMBER JTVE919602	8. PROJECT COST(\$000) \$900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
REGIONAL FIRE TRAINING FACILITY		LS			601
SUPPORTING FACILITIES					215
UTILITIES		LS			(60)
PAVEMENTS		LS			(75)
SITE IMPROVEMENTS		LS			(80)
SUBTOTAL					816
CONTINGENCY (5%)					41
TOTAL CONTRACT COST					857
SUPERVISION, INSPECTION AND OVERHEAD (5%)					43
TOTAL REQUEST					900
TOTAL REQUEST (ROUNDED)					900
10. Description of Proposed Construction: Standard burn and draft pit, block building, all necessary utilities, and burn equipment. The facility shall utilize gas as the source of fuel.					
11. REQUIREMENT: 1 LS ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT</u> : Regional Fire Training Facility (Current Mission). <u>REQUIREMENT</u> : This is a Level I environmental compliance requirement. Gulfport Combat Readiness Training Center (CRTC) is an ANG-operated training base that serves as a regional training site for ground and air forces of the active and reserve components. The base requires a properly designed, correctly configured and environmentally safe fire training facility to support units who deploy there for training. This facility will reduce air emissions, water pollution, and hazardous waste generation by centralizing fire training at a regional site. It will help reduce the numbers of individual unit fire training facilities not meeting National Primary and Secondary Ambient Air Quality Standards (40 CFR 50.4, 50.6, 50.11), National Emissions Standards for Hazardous Air Pollutants (40 CFR 61), and National Pollution Discharge Elimination System permits (40 CFR 122). <u>CURRENT SITUATION</u> : The base does not have an environmentally approved fire training pit to accomplish the training. Personnel must now accomplish essential training in a makeshift or simulated environment that does not properly satisfy training requirements. Unit's wartime readiness is degraded. The concept of operations is to deploy the firefighters to the CRTC and train at regional centers in conjunction with other deployments. Due to environmental considerations, the ANG has been forced to close fire training facilities at other units. Others are operating under various degrees of environmental non-compliance.					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		FEB 7 1997
3. INSTALLATION AND LOCATION		
GULFPORT-BILOXI REGIONAL AIRPORT, MISSISSIPPI		
4. PROJECT TITLE	5. PROJECT NUMBER	
REGIONAL FIRE TRAINING FACILITY	JTVE919602	
<u>IMPACT IF NOT PROVIDED:</u> ANG firefighters will not be fully trained on their wartime duties. Deployable CE squadrons will not be fully capable of performing their wartime mission. Lack of training opportunities and higher operating costs will continue. Numerous unit fire training facilities will continue to pollute the environment, when a regional training facility would be more environmentally sound and cost effective. <u>ADDITIONAL:</u> There are numerous ANG locations that have the requirement for this type of training. This project will serve as a regional training center for other ANG locations.		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		FEB 7 1997
3. INSTALLATION AND LOCATION		
GULFPORT-BILOXI REGIONAL AIRPORT, MISSISSIPPI		
4. PROJECT TITLE	5. PROJECT NUMBER	
REGIONAL FIRE TRAINING FACILITY	JTVE919602	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		96 JUN 17
(b) Percent Complete as of Jan 97		65%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 MAY 01
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		ALPENA
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		22
(b) All Other Design Costs		10
(c) Total		32
(d) Contract		32
(e) In-house		
(4) Construction Start		98 APR
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. Lee Anderson 301-836-8080		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA				4. AREA CONSTR COST INDEX 0.86
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 6 Army National Guard, 8 Army Reserve, 1 Navy Reserve and 1 Marine Reserve				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
211-179	ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	3,000 SM	2,550	JUL 95 SEP 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				10 JAN 96 (Date)
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	
442-758	ADD TO AND ALTER BASE SUPPLY COMPLEX	33,000 SF	3,000	
BMAR: \$5,448,291.00				

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA					
11. PERSONNEL STRENGTH AS OF 15 MAR 96					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	363	34	294	35	1,236 204 1,032
ACTUAL	292	32	236	24	1,272 214 1,058
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
HQ	NC ANG	21	24		
HQ	145 AW	52	52		
HQ	145OPS	6	7		
HQ	145LOG	10	11		
HQ	145SPT	5	4		
156	AS	135	132		
145	OSF	21	21		
145	AGS	78	77		
145	LSF	13	16		
145	MXS	175	164		
145	MSF	34	33		
145	COMMFT	42	41		
145	MED SQ	61	68		
156	AE SQ	118	110		
145	APS	99	119		
145	CE SQ	134	148		
145	SVCFLT	36	34		
145	SP SQ	57	60		
145	LOG SQ	113	111		
OLMC	145MED	6	4		
156	WEAFLT	20	19		
8145	STUFLT	0	17		
TOTALS		1,236	1,272		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
c-130 Aircraft		12	12		
Support Equipment		180	180		
Vehicle Equivalents		265	265		

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA			4. PROJECT TITLE ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER FJRP899621	8. PROJECT COST(\$000) \$2,550		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		SM	3,000		1,411
ALTER HANGAR BAY		SM	1,900	430	(817)
ALTER FUEL SYSTEMS/CORROSION SHOPS		SM	450	540	(243)
ALTER TRAINING/ADMINISTRATION AREAS		SM	650	540	(351)
SUPPORTING FACILITIES					890
RELOCATE ROAD/SITE IMPROVEMENTS		LS			(250)
FIRE SUPPRESSION SYSTEM		LS			(500)
DEMOLITION/ASBESTOS REMOVAL		LS			(140)
SUBTOTAL					2,301
CONTINGENCY (5%)					115
TOTAL CONTRACT COST					2,416
SUPERVISION, INSPECTION AND OVERHEAD (5%)					121
TOTAL REQUEST					2,537
TOTAL REQUEST (ROUNDED)					2,550
10. Description of Proposed Construction: Replace floor slabs for increased wheel loads. Construct masonry walls, modify steel framing, upgrade exterior siding, modify/replace hangar door. Insulate building. Upgrade HVAC, fire detection/suppression, and utilities. Environmentally safe systems for proper ventilation, fume evacuation and dispersal shall be provided. Provide explosion proof fixtures. Demolish seven buildings. Air Conditioning: 45 Tons.					
11. REQUIREMENT: 3,000 SM ADEQUATE: 0 SUBSTANDARD: 5,530 SM PROJECT: Alter Fuel Systems Maintenance and Corrosion Control Facility (Current Mission). REQUIREMENT: This is a Level I environmental compliance requirement. An adequately sized, properly configured, and environmentally safe, fuel systems maintenance hangar for fuel cell/tank repair and a corrosion control area including paint booth and paint/acid storage for a C-130 unit is required. This facility is required to provide control of fugitive emissions, volatile organic compounds, paint and abrasive particulates in compliance with 40 CFR 63, Clean Air Act of 1990, Section 112. This statute enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies, and aircraft parts. This project replaces and consolidates uncontrolled sandblasting activities and provides a single, central facility which will establish and maintain proper environmental controls. CURRENT SITUATION: The fuel systems and corrosion control functions are housed in an old C-123 nosedock. The building has 30 percent of the minimum authorized space to maintain C-130 aircraft. A roadway needs to be rerouted through the area of the existing facility to correct a					

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE SEP 7 1997
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA		
4. PROJECT TITLE ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		5. PROJECT NUMBER FJRP899621
dangerous traffic situation. The existing corrosion control facility is too small to support the requirements. Operations such as sandblasting, acid treatment and paint stripping must be conducted outdoors. The facilities and their systems cannot meet the strict environmental statutes associated with fuel cell and corrosion control functions. A fire detection and suppression system does not exist. Mechanical systems that will remove fuel fumes and paint spray in an environmentally safe manner do not exist. Some structural and wall modifications will be necessary in the altered facility to support the new mechanical systems and to separate shop, administration, and training areas from the fuel and corrosion areas and the dangerous fumes and spray generated by those operations. This project is in accordance with the Base Master Plan and will allow demolition of: Buildings 17 (280 SM), 18 (400 SM), 20 (270 SM), 22 (670 SM), 23 (810 SM), 24 (55 SM), and 37 (45 SM) for a total of 2,530 SM. <u>IMPACT IF NOT PROVIDED:</u> Possible violation of environmental statutes which could result in fines and penalties. The unit's ability to perform the level of aircraft maintenance necessary to keep aircraft mission-ready continues to be degraded by the lack of adequate facilities. Training opportunities are lost and safety is compromised.		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997
ANG		
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNATIONAL AIRPORT, NORTH CAROLINA		
4. PROJECT TITLE ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		5. PROJECT NUMBER FJRP899621
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		95 JUL 06
(b) Percent Complete as of Jan 97		35%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 SEP 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		75
(b) All Other Design Costs		40
(c) Total		115
(d) Contract		115
(e) In-house		
(4) Construction Start		98 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Maj Jan Stritzinger 301-836-8168		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION SCHENECTADY COUNTY AIRPORT, NEW YORK			4. AREA CONSTR COST INDEX 1.10
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 8 National Guard Armories, 1 Naval Reserve Center, 1 Army Reserve Center			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000) DESIGN STATUS START CMPL
211-179	FUEL CELL AND CORROSION CONTROL HANGAR	2,350 SM	5,700 JUN 95 AUG 96
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 20 AUG 96 (Date)			
9. LAND ACQUISITION REQUIRED		None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)
141-753	COMPOSITE SUPPORT COMPLEX	49,600 SF	6,900
BMAR: \$5,687,317.00			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997																																																																																				
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1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION SCHENECTADY COUNTY AIRPORT, NEW YORK			4. PROJECT TITLE FUEL CELL AND CORROSION CONTROL HANGAR		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER VBDZ939806	8. PROJECT COST(\$000) \$5,700		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FUEL CELL AND CORROSION CONTROL HANGAR	SM	2,350		4,265	
FUEL SYSTEMS MAINTENANCE HANGAR AREA	SM	1,900	1,830	(3,477)	
FUEL SYSTEMS MAINTENANCE SHOP AREA	SM	160	1,750	(280)	
CORROSION CONTROL SHOP AREA	SM	140	1,750	(245)	
PLASTIC MEDIA STRIPPING AREA	SM	150	1,750	(263)	
SUPPORTING FACILITIES				940	
UTILITIES	LS			(225)	
PAVEMENTS/SITE IMPROVEMENTS	LS			(400)	
FIRE PROTECTION	LS			(315)	
SUBTOTAL				5,205	
CONTINGENCY (5%)				260	
TOTAL CONTRACT COST				5,465	
SUPERVISION, INSPECTION AND OVERHEAD (5%)				273	
TOTAL REQUEST				5,738	
TOTAL REQUEST (ROUNDED)				5,700	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with insulated steel frame structure with metal panels for siding and roof. Explosion and hazardous proof interior utilities. Exterior utilities, pavements, fire protection, site improvements and support. Air Conditioning: 10 Tons.					
11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 878 SM PROJECT: Fuel Cell and Corrosion Control Hangar (Current Mission). REQUIREMENT: This is a Level I environmental compliance project mandated by both the Clean Air Act of 1990 and the Clean Water Act, and required by 40 CFR 61, National Emission Standards for Hazardous Air Pollutants and 40 CFR 125, Criteria and Standards for National Pollution Control Elimination System. A facility for repair of C-130 aircraft fuel cells and bladders is required. The base requires a fully enclosed aircraft hangar for maintenance on the fuel cell bladders and the corrosion control functions. Functional areas include fuel cell hangar bay, bladder repair and support shops. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet environmental requirements. Aircraft washing will also occur in this facility. CURRENT SITUATION: The base has an undersized and antiquated facility to perform fuel systems maintenance. Corrosion control cannot be accomplished in this dock because of improper drainage and insufficient clearance from vital equipment. The building, a former B-52 nosedock, is over 30 years old and was relocated to this base from Texas as a temporary measure. There is no insulation in the building, the metal structure is deteriorating, and the exterior skin is in poor condition. The building does not have proper floor drains or fume extracting systems. The					

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION SCHENECTADY COUNTY AIRPORT, NEW YORK		
4. PROJECT TITLE FUEL CELL AND CORROSION CONTROL HANGAR		5. PROJECT NUMBER VBDZ939806
facility does not provide quality work and training space. Completion of this project will allow building 11 (878 SM) to be demolished. <u>IMPACT IF NOT PROVIDED:</u> Degraded training and unable to properly accomplish fuel systems maintenance in a adequately sized facility. Fuel system maintenance and corrosion control is done, at times, on the ramp in an unsafe manner and in violation of Technical Orders. Compliance with environmental regulations cannot be met without this facility. Facility will continue to deteriorate and cost for operations and maintenance increases. Poor morale and working conditions. The ANG could receive unfavorable publicity, notice of violation or fines. <u>ADDITIONAL:</u> An exception to the economic analysis requirement has been prepared. It presents the rationale for only one alternative which is to construct the new facility. Site conditions require an extensive foundation system to support the structure of the facility. Concrete piers will be used to support grade beam systems that provide both horizontal and lateral stabilization of the building.		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION SCHENECTADY COUNTY AIRPORT, NEW YORK		
4. PROJECT TITLE FUEL CELL AND CORROSION CONTROL HANGAR		5. PROJECT NUMBER VBDZ939806
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		95 JUN 26
(b) Percent Complete as of Jan 97		100%
(c) Date 35% Designed		96 APR 01
(d) Date Design Complete		96 AUG 15
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		240
(b) All Other Design Costs		100
(c) Total		340
(d) Contract		340
(e) In-house		
(4) Construction Start		98 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Maj Mark Susa 301-836-8187		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997															
3. INSTALLATION AND LOCATION KLAMATH FALLS INTERNATIONAL AIRPORT, OREGON			4. AREA CONSTR COST INDEX 1.14															
5. FREQUENCY AND TYPE OF UTILIZATION Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.																		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None																		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998																		
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS														
				START	CMPL													
214-467	VEHICLE REFUELING SHOP AND PAINT BAY	250 SM	520	APR 96	SEP 97													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved																		
				12 APR 96 (Date)														
9. LAND ACQUISITION REQUIRED		None																
		(Number of Acres)																
10. PROJECTS PLANNED IN NEXT FOUR YEARS																		
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)															
171-447	COMPOSITE SUPPORT COMPLEX	LS	9,000															
BMAR: \$8,322,834.00																		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 7 1997																													
3. INSTALLATION AND LOCATION KLAMATH FALLS INTERNATIONAL AIRPORT, OREGON																																		
11. PERSONNEL STRENGTH AS OF 6 JUN 96																																		
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PERMANENT				GUARD/RESERVE																														
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1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 7 1987	
3. INSTALLATION AND LOCATION KLAMATH FALLS INTERNATIONAL AIRPORT, OREGON			4. PROJECT TITLE VEHICLE REFUELING SHOP AND PAINT BAY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 214-467	7. PROJECT NUMBER KJAQ949750	8. PROJECT COST(\$000) \$520		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE REFUELING SHOP AND PAINT BAY		SM	250		363
VEHICLE REFUELING SHOP		SM	140	1,450	(203)
PAINT BAY AREA		SM	75	1,510	(113)
ADMINISTRATIVE/UTILITY AREA		SM	35	1,340	(47)
SUPPORTING FACILITIES					110
UTILITIES		LS			(40)
PAVEMENTS		LS			(50)
SITE IMPROVEMENTS		LS			(20)
SUBTOTAL					473
CONTINGENCY (5%)					24
TOTAL CONTRACT COST					497
SUPERVISION, INSPECTION AND OVERHEAD (5%)					25
TOTAL REQUEST					522
TOTAL REQUEST (ROUNDED)					520
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel framing, standing seam sloped metal roof. Built-in spray booth with necessary ventilation and electrical systems. Includes all utilities, pavements and site improvements. Air Conditioning: 3 Tons.					
11. REQUIREMENT: 250 SM ADEQUATE: 0 SUBSTANDARD: 225 SM PROJECT: Vehicle Refueling Shop and Paint Bay (Current Mission). REQUIREMENT: This is a Level I environmental compliance project mandated by the Clean Air Act of 1990 and required by 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. This statute enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies, and aircraft parts. An adequately sized and properly configured facility is required for the unit's refueler vehicles and for the control of fugitive emissions, volatile organic compounds, paint and abrasive particulates. Functional areas include refueler maintenance bay, paint bay, associated shop areas, and an administrative area. The project replaces and consolidates uncontrolled painting and preparation activities while providing a single, central facility which establishes and maintains proper environmental controls. CURRENT SITUATION: The refueler maintenance bay does not meet environmental regulations or safety standards. There is no containment for fuel spills nor are the proper ventilation systems in place to provide for the safe and environmentally correct collection and dispersal of hazardous fumes. There is insufficient clearance between a refueler vehicle and the walls of the present facility to allow for the safe maintenance work on the vehicles. Vehicle doors cannot be opened					

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1998
3. INSTALLATION AND LOCATION KLAMATH FALLS INTERNATIONAL AIRPORT, OREGON		
4. PROJECT TITLE VEHICLE REFUELING SHOP AND PAINT BAY	5. PROJECT NUMBER KJAQ949750	
completely and maintenance equipment cannot be moved around. The facility has numerous health and safety violations and cannot be economically upgraded. The paint spray booth does not comply with pollution statutes and needs to be replaced with modern equipment. Painting outside is not an option due to safety standards and environmental regulations. Building 571 (225 SM) will be demolished once this project is complete. <u>IMPACT IF NOT PROVIDED:</u> Limited capabilities for maintaining refueler vehicles. Maintenance on refueling vehicles, if done improperly, may result in unsafe and dangerous situations. Lack of properly maintained refueler vehicles may cause operational and environmental problems. Vehicles will have to be painted off-base at higher costs.		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
KLAMATH FALLS INTERNATIONAL AIRPORT, OREGON		
4. PROJECT TITLE	5. PROJECT NUMBER	
VEHICLE REFUELING SHOP AND PAINT BAY	KJA0949750	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		96 APR 22
(b) Percent Complete as of Jan 97		35%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 SEP 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		17
(b) All Other Design Costs		8
(c) Total		25
(d) Contract		25
(e) In-house		
(4) Construction Start		98 MAY
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. Ron Schnakenberg 301-836-8115		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 7 1997
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, RHODE ISLAND		4. AREA CONSTR COST INDEX 1.20
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 8 Army National Guard Units, 2 Marine Corps Reserve, 2 Naval Stations, and 3 Air National Guard Units		
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998		
CATEGORY	PROJECT TITLE	SCOPE
<u>CODE</u>		<u>(\$000)</u>
<u>DESIGN STATUS</u>		<u>START</u> <u>CMPL</u>
211-179	ADD TO FUEL SYSTEMS/CORROSION CONTROL MAINTENANCE FACILITY	140 SM 355 OCT 95 MAY 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved		
		27 MAR 96 (Date)
9. LAND ACQUISITION REQUIRED		None
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	PROJECT TITLE	SCOPE
<u>CODE</u>		<u>(\$000)</u>
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	26,200 SF 2,400
211-157	AVIONICS, ENGINE AND NDI SHOPS	21,800 SF 4,050
BMAR: \$6,769,325.00		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE SEP 7 1997
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, RHODE ISLAND					
11. PERSONNEL STRENGTH AS OF 22 AUG 96					
	<u>PERMANENT</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>				<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	249	28	218	3	980 127 853
ACTUAL	249	28	218	3	878 126 752
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>			
		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
143 SVS FT		31	27		
143 OP GP		6	6		
143 LG GP		10	9		
143 SPT GP		5	4		
143 OPSPGP		19	17		
143 ALWG		56	48		
143 ALSQ		95	99		
143 MNT SQ		137	100		
143 MSF		34	38		
143 MED SQ		56	55		
143 COMMFT		42	38		
143 GEN SQ		62	53		
143 LG SPT		13	12		
143 CES		137	127		
143 SP SQ		57	57		
143 AERIAL		99	85		
143 LG SQ		112	103		
8143 STUFLT		9	0		
TOTALS		980	878		
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
C-130E Aircraft	8	8			
Support Equipment	172	163			
Vehicle Equivalents	307	305			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB - 1997
3. INSTALLATION AND LOCATION MCENTIRE AIR NATIONAL GUARD BASE, SOUTH CAROLINA			4. AREA CONSTR COST INDEX 0.80
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Active Army Base, 5 Army National Guard Armories, 1 Army National Guard Training Center, 2 Naval Reserve Training Facilities, 1 Marine Reserve Armory, 1 Army National Guard CSMS, 1 Army Aviation Support Facility, 1 Army National Guard State Headquarters, 3 Army Reserve Centers			
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998			
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
211-179	ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY	1,750 SM	1,500 MAY 96 AUG 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved <u>10 APR 96</u> (Date)			
9. LAND ACQUISITION REQUIRED		None	<u>(Number of Acres)</u>
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>
BMAR: \$8,319,216.00			

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE DEC 76																																																																																												
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1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION MCENTIRE AIR NATIONAL GUARD BASE, SOUTH CAROLINA			4. PROJECT TITLE ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER PSTE949500	8. PROJECT COST(\$000) \$1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
FUEL CELL AND CORROSION CONTROL FACILITY		SM	1,750		1,134
ADD TO FACILITY		SM	700	1,290	(903)
ALTER FACILITY		SM	1,050	220	(231)
SUPPORTING FACILITIES					240
UTILITIES		LS			(50)
PAVEMENTS		LS			(100)
SITE IMPROVEMENTS		LS			(10)
FIRE PROTECTION		LS			(80)
SUBTOTAL					1,374
CONTINGENCY (5%)					69
TOTAL CONTRACT COST					1,443
SUPERVISION, INSPECTION AND OVERHEAD (5%)					72
TOTAL REQUEST					1,515
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry/metal walls, and roof structure. All interior mechanical, electrical, and fire protection systems. Exterior utilities, site improvements, and pavements. Upgrade existing mechanical, electrical, and fire protection systems. <u>Air Conditioning: 3 Tons.</u>					
11. REQUIREMENT: 1,750 SM ADEQUATE: 0 SUBSTANDARD: 1,422 SM <u>PROJECT:</u> Add To and Alter Fuel Cell and Corrosion Control Facility (Current Mission). <u>REQUIREMENT:</u> This is a Level II environmental compliance, and a Level I, Unsatisfactory, Commanders' Facility Assessment (CFA) requirement. The base requires an adequately sized and properly configured facility to perform environmentally safe corrosion control and fuel cell maintenance on the assigned F-16 aircraft. This involves washing and solvent cleaning the aircraft, painting aircraft parts, and performing repairs to the many fuel systems of the aircraft. The addition to the facility will require relocation of the aircraft external fuel tank storage pad. <u>CURRENT SITUATION:</u> The base has only one bay for performing fuel cell and corrosion control work on the F-16 aircraft, which requires intensive fuel cell maintenance to the point of needing a dedicated dock. When the one bay is required for fuel cell work, corrosion control must be accomplished outdoors. An environmentally safe outdoor wash area does not exist. A former alert barn is being used as a temporary measure, but it is not environmentally safe. It does not have floor drains, fume extraction systems, or explosion/moisture proof fixtures. When work is performed here, the power to the building is turned off. Large pans are placed underneath the aircraft to capture any spilled fuel. The building is not					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
ANG			70 7 80
3. INSTALLATION AND LOCATION			
MCENTIRE AIR NATIONAL GUARD BASE, SOUTH CAROLINA			
4. PROJECT TITLE		5. PROJECT NUMBER	
ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY		PSTE949500	
properly insulated and does not have the necessary shop space. Completion of this project will allow Building 264 (372 SM) to be demolished. <u>IMPACT IF NOT PROVIDED:</u> Environmental statutes regulating air and water pollution and soil contamination would be violated. The ANG could receive fines and penalties and unfavorable publicity. Poor/inadequate working conditions will persist, resulting in inefficient and ineffective training and an adverse impact on aircraft in-commission rates. The wartime readiness and day-to-day support of the flying mission is compromised. The health and safety of personnel is threatened.			

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE FEB 7 1999
3. INSTALLATION AND LOCATION MCENTIRE AIR NATIONAL GUARD BASE, SOUTH CAROLINA		
4. PROJECT TITLE ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY	5. PROJECT NUMBER PSTE949500	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		96 MAY 28
(b) Percent Complete as of Jan 97		35%
(c) Date 35% Designed		96 SEP 01
(d) Date Design Complete		97 AUG 01
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		(\$000)
(a) Production of Plans and Specifications		55
(b) All Other Design Costs		22
(c) Total		77
(d) Contract		77
(e) In-house		
(4) Construction Start		98 APR
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. Keith Kellner 301-836-8429		

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 7 1997	
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH			4. AREA CONSTR COST INDEX 0.91	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1998				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
214-425	VEHICLE WASHING AND CORROSION CONTROL FACILITY	LS	460	JUL 94 APR 97
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved				
				1 OCT 96 (Date)
9. LAND ACQUISITION REQUIRED		None		
		(Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	
171-445	COMPOSITE OPS AND TRAINING AND SQUADRON OPERATIONS COMPLEX	72,200 SF	8,700	
217-712	COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	110,800 SF	11,000	
BMAR: \$6,974,613.00				

1. COMPONENT ANG	FY 1998 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE SEP 1997	
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH						
11. PERSONNEL STRENGTH AS OF 31 JUL 95						
	PERMANENT				GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	465	57	351	57	1,444	159 1,285
ACTUAL	438	57	334	47	1,406	159 1,247
12. RESERVE UNIT DATA						
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>				
		<u>AUTHORIZED</u>	<u>ACTUAL</u>			
HQ	UT ANG	23	26			
151	ARW	60	55			
151	OG	6	6			
151	OSF	27	20			
191	ARS	70	79			
151	LG	11	9			
151	LSF	25	28			
151	LS	114	104			
151	MXS	142	162			
151	AGS	87	99			
151	SG	5	5			
151	CES	147	129			
151	SVF	21	31			
151	MDS	55	58			
151	MSF	34	36			
151	CFT	43	40			
130	EIS	211	171			
299	RCS	108	99			
109	ACS	121	142			
169	IS	134	107			
TOTALS		1,444	1,406			
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
KC-135 Aircraft	10	10				
Support Equipment	170	140				
Vehicle Equivalents	568	747				

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH			4. PROJECT TITLE VEHICLE WASHING AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT 55256F	6. CATEGORY CODE 214-425	7. PROJECT NUMBER USEB949639	8. PROJECT COST(\$000) \$460		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
VEHICLE WASH/CORROSION CONTROL FACILITY		LS			332
LARGE BAY		SM	120	1,080	(130)
SMALL BAY		SM	84	1,070	(90)
MECHANICAL ROOM		SM	33	1,270	(42)
WASH AND WATER RECYCLING SYSTEMS		LS			(70)
SUPPORTING FACILITIES					85
UTILITIES		LS			(25)
PAVEMENTS		LS			(35)
SITE IMPROVEMENTS		LS			(25)
SUBTOTAL					417
CONTINGENCY (5%)					21
TOTAL CONTRACT COST					438
SUPERVISION, INSPECTION AND OVERHEAD (5%)					22
TOTAL REQUEST					460
TOTAL REQUEST (ROUNDED)					460
10. Description of Proposed Construction: Vehicle washing facility with reinforced concrete foundation and floor, structural masonry walls, steel roof joists and metal deck with single-ply roofing membrane. Also includes utilities, pavements, site improvements, and equipment.					
11. REQUIREMENT: 876 SM ADEQUATE: 641 SM SUBSTANDARD: 0 PROJECT: Vehicle Washing and Corrosion Control Facility (Current Mission). REQUIREMENT: This is a Level I environmental compliance project mandated by the Clean Water Act, and required by 40 CFR 125, Criteria and Standards for National Pollution Control Elimination System and the Utah Administration Code Rules 448-1 and 317-8. The facility must be large enough to safely accommodate oversized vehicles and heavy equipment and have the capability of removing large amounts of mud. It must also provide the capability to collect all contaminants and recycle the waste wash water. CURRENT SITUATION: The base does not have a washing facility which can accommodate large vehicles and heavy equipment. The washing of these vehicles takes place outdoors. In addition to operational constraints during the winter months, outdoor washing discharges wash water into the storm drain system, which is not in compliance with federal and state regulations nor current recycling and disposal regulations. IMPACT IF NOT PROVIDED: Unable to comply with federal and state laws on water quality. During the winter months, unable to properly wash and prevent corrosion damage to vehicles and equipment.					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SALT LAKE CITY INTERNATIONAL AIRPORT, UTAH		
4. PROJECT TITLE	5. PROJECT NUMBER	
VEHICLE WASHING AND CORROSION CONTROL FACILITY	USEB949639	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started	94 JUL 11	
(b) Percent Complete as of Jan 97	70%	
(c) Date 35% Designed	95 NOV 14	
(d) Date Design Complete	97 APR 01	
(2) Basis:		
(a) Standard or Definitive Design -	NO	
(b) Where Design Was Most Recently Used -	N/A	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	
(a) Production of Plans and Specifications	22	
(b) All Other Design Costs	14	
(c) Total	36	
(d) Contract	36	
(e) In-house		
(4) Construction Start	98 APR	
b. Equipment associated with this project will be provided from other appropriations: N/A		
Point of Contact: Mr. Steve Rosner 301-836-8186		

1. COMPONENT ANG	FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																																
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS - WITHIN THE UNITED STATES																																		
4. PROJECT TITLE PROJECTS \$400,000 AND UNDER - FY 98		5. PROJECT NUMBER VARIOUS																																
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Minneapolis St. Paul IAP	QJKL949504	VEHICLE WASH FACILITY	360																															
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<u>RHODE ISLAND</u>																																		
Quonset State APT	TWLR959508	ADD TO FUEL SYSTEMS/CORROSION CONTROL MAINTENANCE FACILITY	355																															
(Current Mission) This is a Level I environmental compliance requirement as mandated by the Clean Water Act Amendment of 1990, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. Project provides an adequately sized and environmentally safe shop in which to conduct fuel cell and corrosion control maintenance on assigned C-130 aircraft. The existing shop lacks the proper ventilation and environmental controls to prevent particles and other pollutants from being released into the air. In addition, the shop is grossly undersized and the lighting fixtures violate safety standards. Without this addition, personnel will continue to perform fuel cell and corrosion control maintenance in violation of environmental and safety regulations. Possible fines and penalties could result.																																		
Point of Contact: Mr. Lee Anderson 301-836-8080																																		

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS (UNSPECIFIED)			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA969627	8. PROJECT COST(\$000) 7,029		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
USPFO APPROVED CLASS (MC)		LS			7,029
SUBTOTAL					7,029
TOTAL CONTRACT COST					7,029
TOTAL REQUEST					7,029
TOTAL REQUEST (ROUNDED)					7,029
10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.					
11. REQUIREMENT: As required. <u>REQUIREMENT:</u> The ANG needs planning and design funds for projects to be included in future MILCON programs. The FY 98 design funds are needed to complete the design for projects to be included in FY 99 MILCON program and begin the design for projects to be included in FY 00 MILCON program. <u>CURRENT SITUATION:</u> The SECDEF Bottom Up Review and the downsizing of the Air Force has resulted in the transfer of additional missions such as the B-1, KC-135, C-130, and others to the ANG. MILCON for these aircraft conversions are included in the FY 99-00 programs. The ANG requires the design money in FY 98 to ensure the design milestones for FY 99 and FY 00 as mandated by DODI 1225.8 are met. <u>IMPACT IF NOT PROVIDED:</u> The ANG will not be able to execute the FY 98 and FY 99 design programs. Since the majority of the programs are in support of new missions and conversions, the projects cannot be included in the MILCON programs and submitted to Congress. Conversions will be delayed; high risk and costly workarounds will occur.					

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1998

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$7,029,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for achieving a full evaluation of each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT ANG		FY 1998 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 1998	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS (UNSPECIFIED)			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER AAAA969625	8. PROJECT COST(\$000) 4.231		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION			1	231,000	4,231
SUBTOTAL					4,231
TOTAL CONTRACT COST					4,231
TOTAL REQUEST					4,231
TOTAL REQUEST (ROUNDED)					4,231
10. Description of Proposed Construction: Provides a lump sum for unspecified construction projects not otherwise authorized by law. Include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 2233a or 10 U. S. Code 2805.					
11. REQUIREMENT: As required. <u>REQUIREMENT:</u> This program provides the means of accomplishing urgent projects costing over \$500,000 but not exceeding \$1,500,000 that are not now identified, but which are anticipated to arise during late FY 97, or early FY 98. Included would be projects to satisfy critical, unforeseen and urgent mission or environmental requirements. It would be too late to include these projects in the FY 98 MILCON and these projects cannot wait for inclusion in the FY 99 MILCON. <u>CURRENT SITUATION:</u> During this period it is expected the Air Force will continue to transfer force structure, causing the ANG to undergo numerous aircraft conversions and beddowns. Facility requirements for these late to need actions may need to be done on an urgent basis to support the arrival of new aircraft and equipment. The funds requested in this budget are not a percent of the budget, but are based on past history and account for inflation only. Routine and non-urgent projects are not funded by this account. <u>IMPACT IF NOT PROVIDED:</u> Unable to complete the beddowns. Will require formal reprogramming if savings are available. More expensive workarounds will have to be used.					

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1998

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$4,231,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$500,000 but not exceeding \$1,500,000 which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.

**DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 1998**

SECTION III

FUTURE YEAR DEFENSE PLAN (FYDP)

**MILITARY CONSTRUCTION
AND FAMILY HOUSING**

**APPROPRIATION TITLE: ANG MILCON
SYMBOL: 3830**

**SUBMISSION NO: 1
AS/OF: 7 Feb 96**

FY	STATE	INSTALLATION	PROJECT	BUDGETED AMT (\$000)	
2000	F	CA	MOFFETT	COMPOSITE MAINTENANCE HANGAR	13,800
2000	F	CA	FRESNO	BASE SUPPLY COMPLEX	6,800
2000	F	CA	MARCH	ADD TO/ALTER KC-135 AIRCRAFT AND GEN PURPOSE SHOPS	3,200
2000	F	FL	JACKSONVILLE	ADD TO/ALTER FUEL CELL/CORROSION CONTROL	2,250
2000	F	GA	ROBINS	B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX	8,900
2000	F	GA	ROBINS	B-1 DINING HALL (JOINT W/ ACC PROJECT)	620
2000	F	GA	ROBINS	B-1 OPERATIONS AND TRAINING FACILITY	5,000
2000	F	GA	ROBINS	B-1 SUPPLY AND EQUIPMENT WAREHOUSE	4,800
2000	F	GA	ROBINS	B-1 RELOCATE MUNITIONS SHOP	350
2000	F	GA	ROBINS	B-1 MEDICAL TRAINING ADDITION	850
2000	F	GA	ROBINS	B-1 BASE ENGINEER MAINTENANCE COMPLEX	3,000
2000	F	GA	ROBINS	B-1 VEHICLE MAINTENANCE COMPLEX	1,850
2000	F	GA	ROBINS	B-1 AREA SITE IMPROVEMENTS	1,000
2000	F	GA	SAVANNAH IAP	COMPOSITE SUPPORT COMPLEX	8,400
2000	F	GA	SAVANNAH CRTC	REGIONAL FIRE TRAINING FACILITY	1,500
2000	F	ID	BOISE	ADD TO BASE SUPPLY COMPLEX	2,300
2000	F	ID	BOISE	UPGRADE A-10 FUEL CELL/CORROSION CONTROL AND SHOPS	1,500
2000	F	ID	BOISE	EXPAND MUNITIONS COMPLEX/ARM AND DISARM APRON	3,450
2000	F	ID	BOISE	C-130 SQUADRON OPERATIONS/AERIAL PORT FACILITY	8,800
2000	F	MS	GULFPORT	REPLACE TROOP TRAINING QUARTERS/DINING FACILITY	9,400
2000	F	MS	KEY FIELD	KC-135 REGIONAL SIMULATOR FACILITY	2,000
2000	F	NE	LINCOLN	JOINT MEDICAL TRAINING FACILITY (W/ARNG)	1,490
2000	F	NV	RENO	AERIAL PORT TRAINING FACILITY	2,800
2000	F	PR	PUERTO RICO	REPLACE FIRE STATION	2,250
2000	F	WI	VOLK FIELD	MUNITIONS STORAGE IGLOOS	1,150
			PLANNING AND DESIGN	9,181	
			UNSPECIFIED MC	4,550	
			FY 2000 FUNDED REQUIREMENTS	111,191	
2000	U	AK	KULIS	VEHICLE MAINTENANCE/FIRE STATION COMPLEX	10,200
2000	U	AL	DANNELLY	MUNITIONS COMPLEX AND AIRCRAFT SUPPORT EQUIPMENT SHOP	4,800
2000	U	AR	FORT SMITH	ADD TO AND ALTER SQUAD OPS/SECURITY POLICE	3,000
2000	U	AR	LITTLE ROCK	VEHICLE MAINTENANCE AND ASE COMPLEX	2,800
2000	U	AZ	TUCSON	COMPOSITE SUPPORT COMPLEX	7,500
2000	U	CO	BUCKLEY	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	4,400
2000	U	CO	GREELEY	MOBILE GROUND STATION MAINTENANCE COMPLEX	4,700
2000	U	DE	NEW CASTLE	SQUADRON OPERATIONS AND AEROMED EVACUATION FACILITY	6,500
2000	U	IA	SIOUX	ADD TO AND ALTER AIRCRAFT CORROSION CONTROL FACILITY	2,900
2000	U	IN	HULMAN	FUEL CELL/CORROSION CONTROL AND FIRE STATION	4,700
2000	U	KY	STANDIFORD	COMPOSITE AERIAL PORT/ALCE TRAINING FACILITY	2,500
2000	U	LA	NEW ORLEANS	BASE ENGINEER AND COMMUNICATIONS COMPLEX	5,900
2000	U	MA	BARNES	REPLACE DINING HALL	3,000
2000	U	ME	BANGOR	UPGRADE BASE FACILITIES - PHASE II	6,900
2000	U	MN	MINNEAPOLIS-ST PAUL	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	4,150
2000	U	ND	HECTOR	ADD TO AND ALTER BASE SUPPLY COMPLEX	3,000
2000	U	OH	MANSFIELD	SECURITY POLICE OPERATIONS	1,540
2000	U	OK	WILL ROGERS	AEROMEDICAL EVACUATION TRAINING FACILITY	3,000
2000	U	TX	KELLY	ALTER SQUADRON OPERATIONS FACILITY	2,300

**MILITARY CONSTRUCTION
AND FAMILY HOUSING**

**APPROPRIATION TITLE: ANG MILCON
SYMBOL: 3830**

**SUBMISSION NO: 1
AS/OF: 7 Feb 96**

					BUDGETED AMT (\$000)
FY	STATE	INSTALLATION	PROJECT		
2000	U	WI	VOLK FIELD	REPLACE TROOP TRAINING QUARTERS	7,800
2000	U	WV	EWVRA	ADD TO AND ALTER AVIONICS SHOP	650
				PLANNING AND DESIGN	4,660
				FY 2000 UNFUNDED REQUIREMENTS	96,900

**MILITARY CONSTRUCTION
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SYMBOL: 3830**

**SUBMISSION NO: 1
AS/OF: 7 Feb 96**

					BUDGETED
FY	STATE	INSTALLATION	PROJECT		AMT (\$000)
2001	F	AK	EIELSON	MEDICAL TRAINING FACILITY	1,700
2001	F	CA	SEPULVEDA	COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	3,950
2001	F	GA	SAVANNAH FTS	REPLACE TROOP TRAINING QUARTERS	5,700
2001	F	IA	DES MOINES	SECURITY POLICE OPERATIONS	3,900
2001	F	IN	FORT WAYNE	DINING HALL AND MEDICAL TRAINING FACILITY	5,800
2001	F	KS	MCCONNELL	ALTER BASE CIVIL ENGINEER MAINTENANCE SHOPS	2,000
2001	F	MD	ANDREWS	ADD TO AND ALTER ANGRG SUPPORT CENTER	9,400
2001	F	MI	SELFBRIDGE	COMPOSITE SUPPORT COMPLEX	8,800
2001	F	MS	KEY FIELD	REPLACE DINING HALL	3,100
2001	F	MS	THOMPSON	EXTEND C-17 FUEL CELL HANGAR	2,900
2001	F	MS	THOMPSON	EXTEND C-17 HANGAR	2,900
2001	F	MS	THOMPSON	EXTEND C-17 APRON	4,800
2001	F	MS	THOMPSON	MODIFY C-17 SHOPS	2,500
2001	F	NM	KIRTLAND	ADD TO AND ALTER BASE SUPPLY WAREHOUSE	2,400
2001	F	OH	RICKENBACKER	FUEL CELL AND CORROSION CONTROL FACILITY	5,700
2001	F	OK	TULSA	COMPOSITE SUPPORT COMPLEX	9,300
2001	F	PA	FORT INDIANTOWN	REPLACE TROOP TRAINING QUARTERS	3,900
2001	F	PR	PUERTO RICO	DINING HALL AND MEDICAL TRAINING FACILITY	4,650
2001	F	RI	QUONSET	AVIONICS, ENGINE AND NDI SHOPS	4,050
2001	F	SD	JOE FOSS	VEHICLE MAINTENANCE AND ASE COMPLEX	5,000
2001	F	TN	NASHVILLE	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	2,550
2001	F	TX	KELLY	VEHICLE AND ASE MAINTENANCE COMPLEX	2,700
2001	F	TX	ELLINGTON	BASE SUPPLY COMPLEX	5,550
2001	F	VT	BURLINGTON	BASE SUPPLY COMPLEX	5,500
2001	F	WA	FAIRCHILD	UPGRADE KC-135 FLIGHTLINE FACILITIES	9,500
PLANNING AND DESIGN					4,348
UNSPECIFIED MC					4,600
FY 2001 FUNDED REQUIREMENTS					127,198
2001	U	AL	DANNELLY	COMPOSITE SUPPORT COMPLEX	5,500
2001	U	GA	HUNTER	VEHICLE MAINTENANCE FACILITY	1,800
2001	U	HI	HICKAM	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	4,200
2001	U	IL	CAPITAL	COMPOSITE SUPPORT FACILITY	5,400
2001	U	MN	DULUTH	COMPOSITE SUPPORT FACILITY COMPLEX	4,200
2001	U	NM	KIRTLAND	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	2,800
2001	U	NY	GABRESKI	VEHICLE AND AGE MAINTENANCE COMPLEX	4,200
2001	U	OH	SPRINGFIELD	BASE SUPPLY COMPLEX	5,500
2001	U	OR	KLAMATH	COMPOSITE SUPPORT COMPLEX	9,000
2001	U	PA	GRT PITTSBURGH	ADD TO AND ALTER SQUADRON OPERATIONS	3,200
2001	U	PR	PUERTO RICO	VEHICLE MAINTENANCE COMPLEX	2,200
2001	U	UT	SALT LAKE	COMPOSITE OPS AND TRAINING & SQ OPERATIONS COMPLEX	8,700
PLANNING AND DESIGN					6,500
FY 2001 UNFUNDED REQUIREMENTS					63,250

**MILITARY CONSTRUCTION
AND FAMILY HOUSING**

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FY	STATE	INSTALLATION	PROJECT	BUDGETED AMT (\$000)	
2002	F	AK	KULIS	AIRCRAFT CORROSION CONTROL FACILITY	8,300
2002	F	AL	BIRMINGHAM	BASE CIVIL ENGINEERING MAINTENANCE COMPLEX	3,650
2002	F	AR	HOT SPRINGS	BASE SUPPLY COMPLEX	1,600
2002	F	CT	ORANGE	COMM-ELECTRONICS OPS AND TRAINING FACILITY	5,400
2002	F	FL	PATRICK	ADD TO AND ALTER COMM & ELECTRONICS TRAINING COMPLEX	3,200
2002	F	GU	ANDERSEN	OPERATIONS AND TRAINING FACILITY	3,000
2002	F	ID	BOISE	JOINT MEDICAL TRAINING FACILITY (ANG/ARNG)	1,550
2002	F	NJ	ATLANTIC	COMMUNICATIONS AND SECURITY POLICE FACILITY	2,650
2002	F	NM	KIRTLAND	COMPOSITE SUPPORT FACILITY	3,000
2002	F	NY	SCHENECTADY	COMPOSITE SUPPORT COMPLEX	6,900
2002	F	OH	TOLEDO	FIRE STATION	2,450
2002	F	PA	FORT INDIANTOWN	COMPOSITE COMMUNICATIONS/ELECTRONICS TRAINING FACILITY	4,700
2002	F	PR	PUERTO RICO	UPGRADE BAK12/14 AIRCRAFT ARRESTING SYSTEM	1,350
2002	F	WY	CHEYENNE	UPGRADE AERIAL PORT AND CORROSION CONTROL FACILITY	1,100
			PLANNING AND DESIGN		4,786
			UNSPECIFIED MC		4,350
			FY 2002 FUNDED REQUIREMENTS		57,986
2002	U	AL	DANNELLY	OPERATIONS AND TRAINING FACILITY	3,600
2002	U	AR	LITTLE ROCK	FUEL SYSTEMS MAINTENANCE & CORROSION CONTROL FACILITY	4,900
2002	U	CA	MOFFETT	FUEL CELL AND CORROSION CONTROL FACILITY	8,300
2002	U	GA	SAVANNAH IAP	OPERATIONS AND TRAINING FACILITY	2,100
2002	U	ID	BOISE	COMPOSITE SUPPORT COMPLEX	3,500
2002	U	MA	OTIS	ADD TO AND ALTER FUEL SYSTEMS MAINTENANCE HANGAR	1,850
2002	U	MI	ALPENA	AIR-TO-GROUND RANGE SUPPORT FACILITIES	2,300
2002	U	NC	CHARLOTTE	ADD TO AND ALTER BASE SUPPLY COMPLEX	3,000
2002	U	NJ	MCGUIRE	COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY	3,900
2002	U	NV	RENO	VEHICLE MAINTENANCE COMPLEX/ACFT SUPPORT EQUIPMENT	3,600
2002	U	OK	WILL ROGERS	COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	19,000
2002	U	PA	FORT INDIANTOWN	COMPOSITE SUPPORT FACILITY	4,100
2002	U	PA	FORT INDIANTOWN	VEHICLE MAINTENANCE COMPLEX	5,000
2002	U	RI	QUONSET	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	2,400
2002	U	SD	JOE FOSS	BASE CIVIL ENGINEER MAINTENANCE COMPLEX	3,350
2002	U	TN	MCGHEE	AVIONICS SHOP	950
2002	U	TX	KELLY	UPGRADE COMPOSITE SUPPORT FACILITY	7,100
2002	U	TX	KELLY	ALTER MEDICAL TRAINING AND ADMINISTRATION FACILITY	890
2002	U	UT	SALT LAKE	COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	11,000
2002	U	VA	RICHMOND	VEHICLE MAINTENANCE COMPLEX	2,150
2002	U	WA	FAIRCHILD	BASE SUPPLY COMPLEX	5,000
2002	U	WV	YEAGER	BASE CIVIL ENGINEERING AND DISASTER PREPARATION COMPLEX	3,000
			PLANNING AND DESIGN		7,460
			FY 2002 UNFUNDED REQUIREMENTS		108,450

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FY	STATE	INSTALLATION	PROJECT	BUDGETED AMT (\$000)
2003	AK	KULIS	COMPOSITE SUPPORT FACILITY COMPLEX	11,400
2003	IA	DES MOINES	VEHICLE MAINTENANCE COMPLEX	2,750
2003	KS	FORBES	ADD TO AND ALTER BASE CIVIL ENGINEER COMPLEX	1,250
2003	MA	BARNES	BASE SUPPLY COMPLEX	4,300
2003	MI	ALPENA	OPERATIONS AND TRAINING COMPLEX	3,500
2003	MN	DULUTH	BASE SUPPLY COMPLEX	5,300
2003	MS	KEY FIELD	COMM AND ELECTRONICS TRAINING COMPLEX	3,500
2003	ND	HECTOR	MEDICAL TRAINING AND DINING HALL COMPLEX	4,645
2003	NV	RENO	REPLACE FIRE STATION	2,200
2003	PA	GTR PITTSBURGH	FIRE STATION	3,200
2003	PR	PUERTO RICO	BASE SUPPLY COMPLEX	5,300
2003	SD	JOE FOSS	FIRE STATION	2,050
2003	UT	SALT LAKE	FIRE STATION	2,100
			PLANNING AND DESIGN	4,959
			UNSPECIFIED MC	4,400
FY 2003 FUNDED REQUIREMENTS				60,854

2003	AL	DANNELLY	ADD TO AND ALTER AIRCRAFT CORROSION CONTROL FACILITY	1,500
2003	AL	HALL	RELOCATE 280TH COMBAT COMMUNICATIONS SQUADRON	9,800
2003	CA	FRESNO	COMPOSITE SUPPORT FACILITY	7,200
2003	CA	FRESNO	VEHICLE MAINTENANCE COMPLEX	2,350
2003	CT	ORANGE	VEHICLE/ASE MAINTENANCE FACILITY	2,900
2003	GA	ROBINS	B-1 MUNITIONS STORAGE IGLOOS	5,000
2003	IA	SIOUX	VEHICLE MAINTENANCE COMPLEX	2,500
2003	IN	HULMAN	WEAPONS RELEASE SYSTEMS SHOP	2,150
2003	MA	OTIS	ALTER ENVIROTECH CENTER AND BCE FACILITIES	4,100
2003	MD	ANDREWS	ADD TO AND ALTER VEHICLE AND AGE MAINTENANCE SHOPS	2,200
2003	MD	MARTIN STATE	DINING HALL	2,600
2003	MD	ANDREWS	CORROSION CONTROL FACILITY	2,100
2003	MI	W K KELLOGG	ADD TO AND ALTER BASE SUPPLY	1,850
2003	NJ	ATLANTIC CITY	STORAGE IGLOOS	1,100
2003	NJ	MCGUIRE	CONSOLIDATED AIRCRAFT MAINTENANCE HANGAR	9,700
2003	NM	KIRTLAND	ADD TO AND ALTER BASE CIVIL ENGINEER FACILITY	1,500
2003	NY	HANCOCK	AIRCRAFT PARKING APRON/DEICING FACILITY	5,000
2003	OH	SPRINGFIELD	COMPOSITE SUPPORT FACILITY	4,000
2003	OK	WILL ROGERS	SITE PREPARATION, ROADS, AND UTILITIES	5,100
2003	PA	FORT INDIANTOWN	BASE SUPPLY AND EQUIPMENT WAREHOUSE	4,800
2003	RI	COVENTRY	COMMUNICATIONS-ELECTRONICS TRAINING FACILITY	2,650
2003	SC	MCENTIRE	DINING HALL AND MEDICAL TRAINING FACILITY	4,450
2003	VA	RICHMOND	BASE SUPPLY COMPLEX	5,400
2003	WA	FAIRCHILD	COMPOSITE SUPPORT FACILITY	6,800
2003	WI	TRUAX FIELD	SECURITY POLICE FACILITY	1,650
2003	WV	EWVRA	LAND ACQUISITION (DROP ZONE)	900
			PLANNING AND DESIGN	7,470
FY 2003 UNFUNDED REQUIREMENTS				106,850