FY1996 / FY1997
BIENNIAL BUDGET ESTIMATES

AIR NATIONAL GUARD

FY 1997
MILITARY CONSTRUCTION PROGRAM

Justification Data Submitted to Congress
February 1995

ADA291251

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

TABLE OF CONTENTS

SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM – FY 1997

STATE/ COUNTY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Alabama	**Dannelly Field (ANG)**		
	Upgrade Base Supply and Civil Engineer Facilities	2,700	b - 3
	Sub-Total Alabama	**2,700**	
California	**Channel Islands ANG Base**		
	Upgrade Drainage Systems	1,000	b - 8
	March Air Force Base		
	Alter General Purpose Aircraft shops	1,765	b - 13
	Sepulveda Air National Guard Station		
	Supply and Civil Engineer Facility	1,800	b - 17
	Sub-Total California	**4,565**	
Colorado	**Buckley Air National Guard Base**		
	Upgrade Sanitary Sewer System	310	b - 128
	Sub-Total Colorado	**310**	
Florida	**Jacksonville IAP (ANG)**		
	Upgrade Heating Plants and Chillers	680	b - 24
	Sub-Total Florida	**680**	
Georgia	**Robins Air Force Base**		
	B-1 Composite Squadron Operations Facility	6,429	b - 28
	B-1 Composite Aircraft Maintenance Complex	13,761	b - 31
	B-1 Munitions Maintenance and Training Complex	3,000	b - 34
	B-1 Site Improvements, Roads, and Utilities	6,300	b - 37
	Sub-Total Georgia	**29,490**	
Illinois	**Greater Peoria Airport (ANG)**		
	Fuel Systems Maintenance and Corrosion Control Facility	3,685	b - 41
	Sub-Total Illinois	**3,685**	

STATE/ COUNTY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Indiana	**Fort Wayne International Airport**		
	Upgrade Drainage System	500	b - 46
	Sub-Total Indiana	500	
Kansas	**McConnell Air Force Base**		
	B-1 Fuel Systems Maintenance Hangar	5,356	b - 51
	Sub-Total Kansas	5,356	
Massachusetts	**Barnes Municipal Airport (ANG)**		
	Upgrade Heating Distribution System	740	b - 55
	Sub-Total Massachusetts	740	
Michigan	**Selfridge ANG Base**		
	Upgrade Heating Systems	3,600	b - 59
	Sub-Total Michigan	3,600	
Minnesota	**Minneapolis St Paul International Airport**		
	Upgrade Refueling Vehicle Maintenance and Washing Facility	360	b - 128
	Sub-Total Minnesota	360	
Nebraska	**Lincoln Municipal Airport (ANG)**		
	Remove Underground Fuel Storage Tanks	1,850	b - 66
	Sub-Total Nebraska	1,850	
New Jersey	**McGuire Air Force Base (ANG)**		
	Composite Base Civil Engineer Maintenance Facility	3,250	b - 71
	Sub-Total New Jersey	3,250	
New Mexico	**Kirtland Air Force Base**		
	Munitions Maintenance and Storage Complex	2,900	b - 76
	Sub-Total New Mexico	2,900	
New York	**Francis S. Gabreski Airport**		
	Aircraft Wash and Deicing Facility	630	b - 81
	Stewart International Airport		
	C-5 Flight Simulator Facility	3,000	b - 85

STATE/ COUNTY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	Sub-Total New York	3,630	
North Carolina	**Charlotte/Douglas International Airport**		
	Aeromed Evacuation Training Facility	1,950	b - 89
	Sub-Total North Carolina	1,950	
Ohio	**Mansfield Lahm Airport ANG**		
	Aircraft Deicing Apron	490	b - 94
	Sub-Total Ohio	490	
Oklahoma	**Will Rogers World Airport**		
	Add to and Alter Security Police Facility	500	b - 98
	Sub-Total Oklahoma	500	
Rhode Island	**Coventry ANG Station**		
	Communications and Electronics Training Facility	2,500	b - 102
	Sub-Total Rhode Island	2,500	
Utah	**Salt Lake City International Airport (ANG)**		
	Vehicle Washing Facility	460	b - 107
	Sub-Total Utah	460	
Virginia	**Richmond IAP (Byrd Field)**		
	Vehicle Maintenance Complex	1,550	b - 111
	Sub-Total Virginia	1,550	
Wisconsin	**Volk Field Air National Guard Base**		
	Munitions Storage Igloos	700	b - 116
	Upgrade Sanitary Sewer System	320	b - 128
	Sub-Total Wisconsin	1,020	
Site 1	**Site 1**		
	Upgrade Maintenance Hangar	4,000	b - 120
	Sub-Total Site 1	4,000	
	SUB-TOTAL INSIDE THE UNITED STATES	76,086	

STATE/ COUNTY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	OUTSIDE THE UNITED STATES		
Puerto Rico	**Puerto Rico IAP**		
	Refueling Vehicle Shop and Paint Bay	460	b - 125
	Sub-Total Puerto Rico	460	
	SUB-TOTAL OUTSIDE THE UNITED STATES	460	
	SUB-TOTAL – ALL BASES	76,546	
	PLANNING AND DESIGN	4,725	b - 129
	UNSPECIFIED MINOR CONSTRUCTION	4,100	b - 132
	SUB-TOTAL – SUPPORT COSTS	8,825	
	GRAND TOTAL	85,371	

SUMMARY PROJECT LIST
AIR NATIONAL GUARD
NEW MISSION VERSUS CURRENT MISSION - FY 1997

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
Dannelly Field (ANG) AL	Upgrade Base Supply and Base Engineer Facilities	2,700	C
Channel Islands ANGB CA	Upgrade Drainage systems	1,000	C
March Air Force Base CA	Alter General Purpose Aircraft Shops	1,765	N
Sepulveda ANG Station CA	Supply and Civil Engineer Facility	1,800	C
Buckley ANGB CO	Upgrade Sanitary Sewer System	310	C
Jacksonville IAP FL	Upgrade Heating Plants and Chillers	680	C
Robins Air Force Base GA	B-1 Composite Squadron Operations Facility	6,429	N
	B-1 Composite Aircraft Maintenance Complex	13,761	N
	B-1 Munitions Maintenance and Training Complex	3,000	N
	B-1 Site Improvements, Roads, and Utilities	6,300	N
Greater Peoria Airport IL	Fuel Systems Maintenance and Corrosion Control Facility	3,685	N
Fort Wayne IAP IN	Upgrade Drainage System	500	C
McConnell AFB KS	B-1 Fuel Systems Maintenance Hangar	5,356	N
Barnes Municipal Airport MA	Upgrade Heating Distribution System	740	C
Selfridge ANG Base MI	Upgrade Heating Systems	3,600	C
Minneapolis St Paul IAP MN	Upgrade Refueling Vehicle Maintenance and Washing Facility	360	C
Lincoln Municipal Airport NE	Remove Underground Fuel Storage Tanks	1,850	C
McGuire Air Force Base NJ	Composite Base Civil Engineer Maintenance Facility	3,250	C
Kirtland Air Force Base NM	Munitions Maintenance and Storage Complex	2,900	N
Francis S Gabreski Airport NY	Aircraft Wash and Deicing Facility	630	C

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
Stewart IAP NY	C-5 Flight Simulator Facility	3,000	N
Charlotte/Douglas IAP NC	Aeromed Evacuation Training Facility	1,950	C
Mansfield Lahm Airport OH	Aircraft Deicing Apron	490	C
Will Rogers World AP OK	Add to and Alter Security Police Facility	500	C
Coventry ANG Station RI	Communications and Electronics Training Facility	2,500	C
Salt Lake City IAP UT	Vehicle Washing Facility	460	C
Richmond IAP (Byrd Fld) VA	Vehicle Maintenance Complex	1,550	C
Volk Field ANGB WI	Munitions Storage Igloos	700	N
	Upgrade Sanitary Sewer System	320	C
Site 1	Upgrade Maintenance Hangar	4,000	N
Puerto Rico IAP PR	Refueling Vehicle Shop and Paint Bay	460	C
	PLANNING AND DESIGN	4,725	
	UNSPECIFIED MINOR CONSTRUCTION	4,100	
	TOTAL NEW MISSION	50,896	
	TOTAL CURRENT MISSION	25,650	
	GRAND TOTAL - FY 1997 REQUEST	85,371	

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION

MILITARY CONSTRUCTION , AIR NATIONAL GUARD

SECTION 1

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, $85,371,000 ($85,647,000) to remain available until September 30, 2001 (September 30, 2000)

( ) Individual FY 97 Appropriation Language

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Energy Conservation

Military constructions projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wet lands. Project planning is in accordance with the requirements of Executive Order Numbers. 11988 and 11900.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provide 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 1391.

Environmental Protection

In accordance with Section 102(2) (c) of the 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 analysis 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 have 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
Program and Financing (in Thousands of dollars) SUMMARY

Identification code 57-3830-0-1-051		Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed) 1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	226,436	229,768	76,967	76,548
00.0201	Minor construction	4,000	4,000	4,100	4,100
00.0301	Planning	10,868	14,823	4,580	4,725
00.9101	Total direct program	241,304	248,591	85,647	85,371
10.0001	Total	241,304	248,591	85,647	85,371
	Financing:				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4009	Reprograming from/to prior year budget plans	-1,023			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans				
25.0001	Unobligated balance expiring	1,023			
39.0001	Budget authority	241,304	248,591	85,647	85,371
	Budget authority:				
40.0001	Appropriation	241,304	249,056	85,647	85,371
40.7903	Reduction pursuant to P.L. 103-307 (-)		-465		
43.0001	Appropriation (adjusted)	241,304	248,591	85,647	85,371
	Relation of obligations to outlays:				
71.0001	Obligations incurred				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
90.0001	Outlays (net)				

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

Identification code 57-3830-0-1-051		Obligations			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	253,413	215,934	133,987	117,006
00.0201	Minor construction	4,372	4,538	4,555	4,101
00.0301	Planning	14,586	15,781	10,926	6,655
00.9101	Total direct program	272,371	236,253	149,468	127,762
10.0001	Total	272,371	236,253	149,468	127,762
	Financing:				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-269,723	-237,634	-249,972	-186,151
21.4009	Reprograming from/to prior year budget plans				
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	237,634	249,972	186,151	143,760
25.0001	Unobligated balance expiring	1,023			
39.0001	Budget authority	241,304	248,591	85,647	85,371
	Budget authority:				
40.0001	Appropriation	241,304	249,056	85,647	85,371
40.7903	Reduction pursuant to P.L. 103-307 (-)		-465		
43.0001	Appropriation (adjusted)	241,304	248,591	85,647	85,371
	Relation of obligations to outlays:				
71.0001	Obligations incurred	272,371	236,253	149,468	127,762
72.4001	Obligated balance, start of year	186,657	228,299	192,699	82,612
74.4001	Obligated balance, end of year	-228,299	-192,699	-82,612	-54,427
77.0001	Adjustments in expired accounts (net)	77			
90.0001	Outlays (net)	230,805	271,853	259,555	155,947

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

Identification code 57-3830-0-1-051	1994 actual	1995 est.	1996 est.	1997 est.
Direct obligations:				
Other services with the private sector	14,422	31,660	24,320	15,775
125.203 Contracts with the private sector	243,632	194,058	115,059	101,797
132.001 Land and structures				
199.001 Total Direct obligations	258,054	225,718	139,379	117,572
Allocation Accounts				
Other services with the private sector	164	575	644	652
325.203 Contracts with the private sector	14,153	9,960	9,445	9,538
332.001 Land and structures				
399.001 Total Allocation Accounts	14,317	10,535	10,089	10,190
999.901 Total obligations	272,371	236,253	149,468	127,762
Obligations are distributed as follows:				
Defense-Military:Army	1,135	290	329	300
Defense-Military:Navy	13,182	10,250	8,260	9,890
Defense-Military:Air Force	258,054	225,713	140,879	117,572
Total Obligations	272,371	236,253	149,468	127,762

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
DANNELLY FIELD AIR NATIONAL GUARD, ALABAMA	0.74

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 AFB, 1 Marine Reserve, 1 Naval Reserve, 3 Army Reserves, 5 Army National Guard Units and 2 Air National Guard Units

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
442-758	UPGRADE SUPPLY AND CIVIL ENGINEER FACILITIES	63,800 SF	2,700	NOV 89	OCT 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 21 JUL 94 (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	OPERATIONS AND TRAINING FACILITY	20,000 SF	3,900
171-450	MEDICAL TRAINING AND SECURITY POLICE FACILITY	24,800 SF	2,000
216-642	MUNITIONS COMPLEX AND AIRCRAFT SUPPORT EQUIPMENT SHOP	25,200 SF	4,500

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
DANNELLY FIELD AIR NATIONAL GUARD, ALABAMA

11. PERSONNEL STRENGTH AS OF 20 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	282	8	43	231	1,041	106	935
ACTUAL	272	7	42	223	1,009	97	912

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
160	FS SQ	50	53
187	MSS SQ	80	71
187	CLINIC	31	32
187	GP HQ	57	58
187	CAM	461	397
187	CE SQ	127	114
187	WSSF	57	58
187	RMS	121	113
187	COM FT	20	20
187	MSS	37	36
187	STU FT	0	57
	TOTALS	1,041	1,009

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	25
Support Equipment	194	225
Vehicle Equivalents	120	120

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DANNELLY FIELD AIR NATIONAL GUARD ALABAMA	UPGRADE SUPPLY AND CIVIL ENGINEER FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	442-758	FAKZ899684	$2,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE SUPPLY AND CIVIL ENGINEER	SF	63,800		1,914
UPGRADE BASE SUPPLY AREA	SF	39,600	30	(1,188)
UPGRADE BASE CIVIL ENGINEER AREA	SF	24,200	30	(726)
SUPPORTING FACILITIES				550
UTILITIES	LS			(150)
PAVEMENTS	LS			(200)
SITE IMPROVEMENTS	LS			(50)
PRE-WIRED WORK STATIONS	LS			(150)
SUBTOTAL				2,464
CONTINGENCY (5%)				123
TOTAL CONTRACT COST				2,587
SUPERVISION, INSPECTION AND OVERHEAD (5%)				129
TOTAL REQUEST				2,716
TOTAL REQUEST (ROUNDED)				2,700

10. Description of Proposed Construction: Remove, relocate and replace interior walls, doors, ceilings, and floors. Upgrade exterior walls and doors. Upgrade interior and exterior utilities including fire protection. Includes all utilities, pavements, site improvements, and support.
Air Conditioning: 20 Tons.

11. REQUIREMENT: 63,800 SF ADEQUATE: 0 SUBSTANDARD: 95,952 SF
PROJECT: Upgrade Base Supply and Base Engineer Facilities (Current Mission).
REQUIREMENT: The base requires adequately sized and properly configured space for consolidated base supply and base engineer functions. The base supply stores aircraft spare parts and other consumable items in support of an F-16 squadron and three geographically separated communications units. Functional areas include administrative offices and storage areas. The base civil engineering shops provide day to day maintenance of the facilities and training for the wartime mission. Functional areas include training rooms, shops and administration offices.
CURRENT SITUATION: The approved Comprehensive Base Master Plan indicates the most logical solution to the significant base space deficiencies would be to take over an Army National Guard (ARNG) maintenance complex after ARNG relocates into a new facility. This is possible since the ARNG complex is adjacent to the ANG cantonment area. The construction of new ARNG facilities was approved in the FY 92 MILCON and is currently in progress. This project will upgrade and convert the structurally sound and former ARNG facility for Air National Guard use. The ANG supply warehouse space is inadequate to support the mission needs. The building is undersized and poorly configured. It has a low ceiling and does not have the needed volume. The building has columns that break up the

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
DANNELLY FIELD AIR NATIONAL GUARD ALABAMA	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE SUPPLY AND CIVIL ENGINEER FACILITIES	FAKZ899684

useable space and hinder forklift operation. Supply items which cannot fit in the warehouse space are stored outside and in leased off base sites. Supply administrative space is extremely cramped. The interior utility systems are grossly undersized. The building is energy inefficient and require higher than normal operating costs. The civil engineering facility is structurally sound but is inadequate for day to day base maintenance and UTA drill requirements. Classroom and shop areas are undersized. Equipment and supplies are stored outside due to lack of a covered storage area. The civil engineering building will be upgraded in a future project to satisfy other critical shortfalls and will allow disposal of many other older buildings. Upon completion of this project the following buildings will be demolished: 1119 at 2,174 SF; 1202 at 24,800 SF; 1203 at 675 SF; 1216 at 600 SF; 1218 at 141 SF and 1302 at 3,762 SF for a total of 32,152 SF.

IMPACT IF NOT PROVIDED: Mission effectiveness continues to be degraded due to inadequate and substandard facilities. Time is wasted traveling to and from distant storage areas. Materials are damaged because of weather deterioration. Higher operating costs and inability to dispose of many smaller buildings. Unable to comply with the approved master plan. The former ARNG buildings will be unoccupied and will deteriorate.

ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that upgrading is the most economical alternative.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

DANNELLY FIELD AIR NATIONAL GUARD ALABAMA

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE SUPPLY AND CIVIL ENGINEER FACILITIES	FAKZ899684

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	89 NOV 17
(b) Percent Complete as of Jan 96	100%
(c) Date 35% Designed	93 AUG 12
(d) Date Design Complete	94 OCT 31
(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	86
(b) All Other Design Costs	34
(c) Total	120
(d) Contract	120
(e) In-house	
(4) Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION CHANNEL ISLANDS ANG STATION CALIFORNIA		4. AREA CONSTR COST INDEX 1.25

5. FREQUENCY AND TYPE OF UTILIZATION
One Unit Training Assembly per month, 15 days Annual Field Training per year, daily use by Technician Force/AGR's, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
NAWS Point Mugu, Port Hueneme; CBTC Port Hueneme; 2 Army Guard Units; 1 USAR Training Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
871-183	UPGRADE DRAINAGE SYSTEMS		LS	1,000	OCT 94	MAR 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 23 MAR 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
CHANNEL ISLANDS ANG STATION CALIFORNIA

11. PERSONNEL STRENGTH AS OF 9 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	293	24	233	36	1,385	228	1,157
ACTUAL	266	23	217	26	1,284	203	1,081

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
115	AS	145	168
146	OG	6	5
146	LG	9	7
146	AW	52	52
146	CF	42	35
146	LS	107	100
146	SVF	43	33
146	SPT GP	5	4
146	OSF	19	9
146	AES	173	147
146	MSF	35	32
146	MED SQ	73	55
146	CES	108	92
146	APS	163	147
146	SPF	57	56
146	MED OL	5	5
146	ALCF	14	9
146	MNT SQ	279	283
195	WF	14	14
562	BAND	36	31
	TOTALS	1,385	1,284

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130E Aircraft	16	12
Support Equipment	233	233
Vehicle Equivalents	99	103

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CHANNEL ISLANDS ANG STATION CALIFORNIA	UPGRADE DRAINAGE SYSTEMS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	871-183	DJCF949549	$1,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE DRAINAGE SYSTEMS	LS			750
SUPPORTING FACILITIES				160
PAVEMENTS	LS			(85)
SITE IMPROVEMENTS	LS			(75)
SUBTOTAL				910
CONTINGENCY (5%)				46
TOTAL CONTRACT COST				956
SUPERVISION, INSPECTION AND OVERHEAD (5%)				48
TOTAL REQUEST				1,004
TOTAL REQUEST (ROUNDED)				1,000

10. Description of Proposed Construction: Upgrade storm water collection and storm water retention system by replacing oil/water separators and relining storm water retention reservoirs. Construct a fire agent retention reservoir. Remove two abandoned underground storage tanks. Reduce the number of storm water outflows by redirecting flows. Provide pavements and site improvements.

11. REQUIREMENT: As required.
PROJECT: Upgrade Drainage Systems (Current Mission).
REQUIREMENT: An adequately sized, properly configured, and environmentally safe collection system for both fire agent and storm water is required to prevent local flooding, reduce the number of storm water outflows, reduce pollution associated with storm water and the particulates it picks up and carries, and prevent the high oxygen demanding fire fighting solution from reaching the fragile wet lands where it will destroy parts of the food chain or from entering the sanitary sewers where it will destroy the bacteria that is used to treat raw sewage. This project is required as a result of the state and federal Clean Water Acts and is a Level II environmental compliance requirement.
CURRENT SITUATION: All storm water from the base with the pollutants collected from the parking lots, streets, and aircraft parking ramps flows into one of two on site reservoirs. Any discharge from the fire protection systems in the hangar or fuel cell flows into the storm water system also. There are inadequate oil/water separators associated with these reserviors that do not provide the proper environmental protection of the surrounding wet lands. The reservoirs are not adequately lined which results in the contained water seeping into the ground along with the pollutants. After passing through the reservoir and the oil/water

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
CHANNEL ISLANDS ANG STATION CALIFORNIA	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE DRAINAGE SYSTEMS	DJCF949549

separator, the storm water and anything not contained pass into the wet lands and then into the he immediate area of recreational beaches.
IMPACT IF NOT PROVIDED: Notice of violations and possible shut down of the fire protection systems that would jeopardize the safety of personnel and the multi-million dollar aircraft and associated aircraft equipment assets. Harm to the fragile ecological systems in the wet lands. County, state, and federal statutes will continue to be violated with the resulting bad publicity for the Air National Guard.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

CHANNEL ISLANDS ANG STATION CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE DRAINAGE SYSTEMS	DJCF949549

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 02
(b)	Percent Complete as of Jan 96	65%
(c)	Date 35% Designed	95 JUN 01
(d)	Date Design Complete	96 MAR 31
(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	50
(b)	All Other Design Costs	20
(c)	Total	70
(d)	Contract	70
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION MARCH AIR FORCE BASE, CALIFORNIA		4. AREA CONSTR COST INDEX 1.26

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
2 Air Force Reserve Units, 5 Army National Guard Facilities

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-152	ALTER GENERAL PURPOSE AIRCRAFT SHOPS	26,500 SF	1,765	OCT 93	JUL 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 25 MAR 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
MARCH AIR FORCE BASE, CALIFORNIA

11. PERSONNEL STRENGTH AS OF 5 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	238	32	204	2	981	130	851
ACTUAL	344	79	263	2	980	153	827

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
163	ARE GP	55	52
196	REF SQ	72	87
163	CAM SQ	314	300
163	CES	108	102
163	SPS	63	65
163	TAC CL	83	83
163	COMMFT	37	34
210	WEA FT	22	23
163	SVS FT	30	34
163	OPS	6	5
163	OPSF	33	36
163	LG	12	9
163	LS	107	110
163	MSF	34	35
163	SUP GP	5	5
	TOTALS	981	980

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	10
Support Equipment	74	74
Vehicle Equivalents	211	211

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARCH AIR FORCE BASE CALIFORNIA	ALTER GENERAL PURPOSE AIRCRAFT SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51411F	211-152	PCZP909925	$1,765

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER GENERAL PURPOSE AIRCRAFT SHOPS	SF	26,500		1,318
ALTER AIRCRAFT GENERAL PURPOSE SHOPS	SF	13,000	50	(650)
ALTER ORGANIZATIONAL MAINTENANCE SHOPS	SF	6,000	50	(300)
ALTER ENGINE SHOP	SF	3,000	55	(165)
ALTER WEAPON SYSTEM MANAGEMENT	SF	4,500	45	(203)
SUPPORTING FACILITIES				283
UTILITIES	LS			(28)
PRE-WIRED WORK STATIONS	LS			(100)
FIRE PROTECTION	LS			(155)
SUBTOTAL				1,601
CONTINGENCY (5%)				80
TOTAL CONTRACT COST				1,681
SUPERVISION, INSPECTION AND OVERHEAD (5%)				84
TOTAL REQUEST				1,765
TOTAL REQUEST (ROUNDED)				1,765

10. Description of Proposed Construction: Alter four buildings by moving walls, upgrading utilities, installing hoists/cranes, reconfiguring shop spaces, strengthening floors, and providing environmental controls for air and ground pollution prevention. Install and/or upgrade the fire detection and suppression systems. Alter doors and windows as necessary.

11. REQUIREMENT: 40,000 SF ADEQUATE: 13,500 SF SUBSTANDARD: 26,500 SF
PROJECT: Alter General Purpose Aircraft Shops (New Mission).
REQUIREMENT: This project supports the conversion from RF-4C to KC-135 aircraft in October 1993. Adequately sized and properly configured aircraft maintenance and aircraft phase maintenance administration and workshop space are required to perform the proper maintenance, repair, administration, periodic inspections and preventive maintenance.
CURRENT SITUATION: The existing shops are not sized or properly configured to accommodate the KC-135 aircraft maintenance requirements. The shops are configured for F-4 aircraft. Workarounds are being used. Some shops are too large while others are too small. The KC-135 equipment cannot fit in the existing room configuration. Utilities are not properly sized. Several other functional areas have increased in size. Technical orders are being violated. The existing buildings do not have up to date fire detection and suppression systems, and are in violation of National Fire Protection Association codes, OSHA, and Air Force regulations.
IMPACT IF NOT PROVIDED: Increased backlog and inefficient repair of aircraft. Improper training. Decreased operational readiness of the unit and inability to maintain new aircraft. Unable to reach full operational capability. Continued fire protection regulation violations.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MARCH AIR FORCE BASE CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER GENERAL PURPOSE AIRCRAFT SHOPS	PC2P909925

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 OCT 15
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 SEP 01
(d)	Date Design Complete	95 JUL 01
(2) Basis:		
(a)	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	33
(b)	All Other Design Costs	12
(c)	Total	45
(d)	Contract	45
(e)	In-house	
(4) Construction Start		97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
SEPULVEDA AIR NAT'L GUARD STATION CALIFORNIA	1.24

5. FREQUENCY AND TYPE OF UTILIZATION

Four unit training assemblies per month, 15 days annual training per year, daily use by technician force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

Los Angeles AF Station; Army National Guard, 2 units; Army Reserve, 2 units; Navy Reserve, 1 unit, Marine Reserve, 1 unit; Coast Guard Reserve, 1 unit.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
442-758	SUPPLY AND CIVIL ENGINEER FACILITY	10,600 SF	1,800	JAN 89	JAN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 23 MAR 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
171-447	COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	22,600 SF	3,950

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
SEPULVEDA AIR NAT'L GUARD STATION CALIFORNIA

11. PERSONNEL STRENGTH AS OF 1 SEP 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	27	1	24	2	152	8	144
ACTUAL	26	1	23	2	144	8	136

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
261 CC SQ		152	144
	TOTALS	152	144

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	35	35
Vehicle Equivalents	145	145

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SEPULVEDA AIR NAT'L GUARD STATION CALIFORNIA	SUPPLY AND CIVIL ENGINEER FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	442-758	VHRJ001135	$1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SUPPLY AND CIVIL ENGINEER FACILITY	SF	10,600		1,235
SUPPLY WAREHOUSE	SF	7,200	125	(900)
CIVIL ENGINEER MAINTENANCE SHOP	SF	1,500	110	(165)
SUPPLY AND EQUIPMENT SHED	SF	1,000	75	(75)
CIVIL ENGINEER MAINTENANCE SHED	SF	400	75	(30)
HAZARDOUS STORAGE	SF	500	130	(65)
SUPPORTING FACILITIES				390
UTILITIES/SITE IMPROVEMENTS	LS			(220)
OPEN STORAGE/PAVEMENTS/WORK STATIONS	LS			(170)
SUBTOTAL				1,625
CONTINGENCY (5%)				81
TOTAL CONTRACT COST				1,706
SUPERVISION, INSPECTION AND OVERHEAD (5%)				85
TOTAL REQUEST				1,791
TOTAL REQUEST (ROUNDED)				1,800

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, combination masonry/metal/stone panel wall system, structural steel frame with open web steel roof joists/metal pan roof and a built up roof system. Provide all utilities, pre-wired work stations, pavements, and site improvements. Provide earthquake protection. Air Conditioning: 10 Tons.

11. REQUIREMENT: 10,600 SF ADEQUATE: 0 SUBSTANDARD: 5,598 SF
PROJECT: Supply and Civil Engineer Facility (Current Mission).
REQUIREMENT: The unit requires properly sized and adequately configured facilities to support the training and day to day supply and engineering maintenance operations of the communications squadron. Adequate space is required for the storage of organizational and mobility supply items and for shop space for the functional area that maintains and repairs the base facilities. Functional area requirements include offices, maintenance shops, supply and mobility storage, weapons vault, and classroom. Parking for weekend training forces is also required.
CURRENT SITUATION: The facilities were built to support a Nike missile launching operation. The buildings are forty years old and are past their economic life. The buildings are small, poorly configured, energy inefficient and are deteriorated. The buildings are very costly to maintain. The areas are crowded since they satisfy approximately 45% of the minimum required area. Over the years, the unit has expanded and has received more equipment. Additional communications and mobility equipment is scheduled to arrive. Paved surfaces are not available to park the vehicles and other outdoor equipment. The buildings do not represent a quality work and training place. The station is located in an area of California where earthquakes are common.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
SEPULVEDA AIR NAT'L GUARD STATION CALIFORNIA	
4. PROJECT TITLE	5. PROJECT NUMBER
SUPPLY AND CIVIL ENGINEER FACILITY	VHRJ001135

IMPACT IF NOT PROVIDED: *Continue degradation of the combat communications mission. The unit is not able to store and maintain the supplies and mobility equipment. The deficiencies in the civil engineering functional area contributs to the deterioration of the base facilities and grounds. Equipment and materials are stored outside and deteriorate.
ADDITIONAL: Upon completion of this project, substandard space, in buildings 6 (2,160 SF), 7(180 SF), 10 (960 SF), 11 (1,239 SF), 12 (25 SF), 13 (54 SF), 15 (840), 16 (100 SF), and 17 (40 SF) for a total of 5,598 SF will be demolished.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

SEPULVEDA AIR NAT'L GUARD STATION CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
SUPPLY AND CIVIL ENGINEER FACILITY	VHRJ001135

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	89 JAN 04
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 JUN 30
(d)	Date Design Complete	95 JAN 31
(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	70
(b)	All Other Design Costs	15
(c)	Total	85
(d)	Contract	85
(e)	In-house	
(4)	Construction Start	97 APR

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
BUCKLEY AIR NATIONAL GUARD BASE, COLORADO	1.02

5. FREQUENCY AND TYPE OF UTILIZATION

Normal tenant organization admin 5 days/week; Weekend unit tng assemblies 2/3 day weekends one weekend/month tenant organization; 1 evening/week "Open House", physical fitness and administration for each tenant organ; Band practice 1 day/month, schedules ensembles practice one day/week.

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 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
832-266	UPGRADE SANITARY SEWER SYSTEM		LS	310	AUG 94	JUL 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 15 FEB 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
131-111	ADD TO AND ALTER COMMUNICATION FACILITY	11,200	SF	820
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	17,100	SF	360
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	20,200	SF	4,350
851-147	UPGRADE BASE INFRASTRUCTURE		LS	10,000
871-183	UPGRADE BASE DRAINAGE SYSTEM		LS	1,000

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
BUCKLEY AIR NATIONAL GUARD BASE, COLORADO

11. PERSONNEL STRENGTH AS OF 18 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORISED	732	63	439	230	1,571	229	1,342
ACTUAL	718	74	377	267	1,509	225	1,284

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
240	CEF FT	33	35
140	LOG GP	16	17
140	OPS GP	3	3
140	MSS FT	34	37
120	FTS SQ	42	46
140	SVS FT	34	31
140	TAC HP	73	66
140	MSS SQ	34	37
140	CAM MT	435	391
140	FTW WG	49	48
140	COM FT	37	41
120	WEA FT	20	19
140	CES SQ	134	127
154	ACG GP	131	124
227	ATC FT	69	62
138	ACS SQ	121	106
140	SP FT	57	59
140	SPT GP	5	4
140	OSF	22	33
140	LG SQ	107	104
8140	STU FT	0	1
200	AS	82	85
HQ	CO ANG	33	33
	TOTALS	1,571	1,509

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	26
T-43A Aircraft	2	2
Support Equipment	235	250
Vehicle Equivalents	751	861

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION JACKSONVILLE IAP ANG FLORIDA		4. AREA CONSTR COST INDEX 0.91

5. FREQUENCY AND TYPE OF UTILIZATION
Twelve monthly assemblies per year, 15 annual field training days per year. Daily use of techician force.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1. Army National Guard Armory

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
821-116	UPGRADE HEATING PLANTS AND CHILLERS		LS	680	OCT 93	JUN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 18 MAR 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
124-135	JET FUEL STORAGE COMPLEX		LS	4,200
131-111	ADD TO COMMUNICATIONS FACILITY	4,100	SF	890
171-450	ADD TO AND ALTER MEDICAL TRAINING FACILITY	9,800	SF	800
211-157	ADD TO AND ALTER ENGINE SHOP	20,500	SF	880
211-179	ADD TO AND ALTER FUEL CELL AND CORROSION CONTROL FACILITY	11,000	SF	1,900
219-944	ADD TO AND ALTER BASE CIVIL ENGINEER MAINTENANCE SHOP	19,250	SF	1,650
832-266	UPGRADE SANITARY SEWER SYSTEM		LS	420

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
JACKSONVILLE IAP ANG FLORIDA

11. PERSONNEL STRENGTH AS OF 1 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	396	27	368	1	1,055	107	948
ACTUAL	337	23	313	1	1,028	103	925

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
125 FG	98	86
159 FS	38	39
125 MNT SQ	385	393
125 MSF	33	30
125 MED SQ	55	50
125 CES	138	117
125 SPS	85	78
125 LOG SQ	107	102
125 COM FL	43	40
125 SVF	25	25
125 OPS GP	3	1
125 LOG GP	15	15
125 SPT GP	5	6
125 OSF	25	20
8125 STU FT	0	26
TOTALS	1,055	1,028

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 A/B Aircraft	15	19
C-130 Aircraft	1	1
Support Equipment	93	93
Vehicle Equivalents	191	201

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JACKSONVILLE IAP ANG FLORIDA	UPGRADE HEATING PLANTS AND CHILLERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-116	LSGA939634	$680

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING PLANTS AND CHILLERS	LS			525
SUPPORTING FACILITIES				90
UTILITIES	LS			(25)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
DEMOLITION	LS			(15)
ASBESTOS REMOVAL	LS			(40)
SUBTOTAL				615
CONTINGENCY (5%)				31
TOTAL CONTRACT COST				646
SUPERVISION, INSPECTION AND OVERHEAD (5%)				32
TOTAL REQUEST				678
TOTAL REQUEST (ROUNDED)				680

10. Description of Proposed Construction: Remove and dispose of two 3,500 MBH oil fired boilers. Replace the two boilers. Replace two 175 ton chillers with centrifugal chillers. Upgrade duct work and controls. Remove asbestos insulation. The work will take into consideration the most economic solution on the type of fuel and grouping.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Plants and Chillers (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project as mandated by the Clean Air Act Amendments of 1990. The base requires properly sized and efficient heating and cooling systems which meets applicable clean air requirements.

CURRENT SITUATION: Existing boilers do not meet pending Air Quality Emission standards. The boilers provide heat and domestic hot water for eight buildings on base. The systems are old and unreliable. The controls are antiquated. The boiler insulation contains friable asbestos. The existing chillers are 20 years old and use refrigerant R-113 which is in non-compliance with current law and is no longer manufactured. Spare parts are no longer available. Maintenance on the system is no longer effective. A recent base audit indicated that a new energy and environmentally safe heating system would reduce CO2 and NO2 emissions by eight tons per year and will reduce energy costs by 19%. This will help meet federal, state and local clean air regulations. The base is in a transitional non-attainment area for ozone.

IMPACT IF NOT PROVIDED: Unable to achieve air quality standards. Energy inefficient system remains in use. Chillers will become inoperable when current supply of refrigerant is exhausted. Inefficient and old systems will continue to generate higher operating costs.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

JACKSONVILLE IAP ANG FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING PLANTS AND CHILLERS	LSGA939634

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 OCT 22
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 DEC 10
(d)	Date Design Complete	95 JUN 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	14
(b)	All Other Design Costs	6
(c)	Total	20
(d)	Contract	20
(e)	In-house	
(4)	Construction Start	97 FEB

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR. COST INDEX
ROBINS AIR FORCE BASE	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 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	B-1 COMPOSITE SQUADRON OPERATIONS FACILITY	41,600 SF	6,429	OCT 94	JAN 96
211-152	B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	76,800 SF	13,761	OCT 94	FEB 96
422-264	B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX	15,100 SF	3,000	OCT 94	APR 96
932-000	B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES	LS	6,300	OCT 94	MAY 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 1 DEC 93 (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 OPERATIONS AND TRAINING FACILITY	30,300 SF	4,800
171-875	MUNITIONS LOAD CREW TRAINING COMPLEX	22,000 SF	2,750
211-183	B-1 POWER CHECK PAD WITH SOUND SUPPRESSOR	LS	1,000
214-425	VEHICLE MAINTENANCE COMPLEX	14,300 SF	1,800
215-552	WEAPONS RELEASE SYSTEMS SHOP	11,500 SF	1,900
217-712	B-1 AVIONICS SHOP	32,000 SF	6,000

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
ROBINS AIR FORCE BASE

11. PERSONNEL STRENGTH AS OF 18 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	359	24	334	1	1,096	105	991
ACTUAL	320	22	297	1	1,070	103	967

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
116	CES	110	103
116	CAM SQ	460	438
116	COMMFT	35	46
116	MSF	35	34
116	RM SQ	107	109
116	FW	57	58
116	HOSPT	51	49
116	SPS	57	57
128	FS	44	38
530	AFBAND	36	35
116	SVS	34	29
116	OPS GP	8	8
116	OSF	30	30
116	LGS GP	27	32
116	SPT GP	5	4
	TOTALS	1,096	1,070

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-15 A/B Aircraft	15	20
B-1 Aircraft	8	0
Support Equipment	289	255
Vehicle Equivalents	227	229

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AFB GEORGIA	B-1 COMPOSITE SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51623F	141-753	UHHZ939790	$6,429

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
B-1 COMPOSITE SQUADRON OPERATIONS	SF	41,600		5,041
SQUADRON OPERATIONS AREA	SF	31,000	125	(3,875)
ORGANIZATIONAL MAINTENANCE SHOP	SF	6,000	110	(660)
SECURITY POLICE OPERATIONS AREA	SF	4,600	110	(506)
SUPPORTING FACILITIES				790
UTILITIES	LS			(225)
SITE IMPROVEMENTS	LS			(50)
PAVEMENTS	LS			(165)
PRE-WIRED WORK STATIONS	LS			(350)
SUBTOTAL				5,831
CONTINGENCY (5%)				292
TOTAL CONTRACT COST				6,123
SUPERVISION, INSPECTION AND OVERHEAD (5%)				306
TOTAL REQUEST				6,429
TOTAL REQUEST (ROUNDED)				6,429

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls with roof structure. Provide utilities, site improvements, pavements and support.
Air Conditioning: 50 Tons.

11. REQUIREMENT: 41,600 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: B-1 Composite Squadron Operations Facility (New Mission).
REQUIREMENT: The 116 Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 Bomber aircraft. Space is required for planning, briefing, scheduling, flight line maintenance, security and administration functions. A properly configured facility is required to support the beddown of the aircraft.
CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and Hq USAF ascertained there are no facilities available at Robins AFB to support the Operations and Organizational/Flight Line maintenance activities for the B-1 aircraft. All permanent facilities at Robins are being used at maximum to support the numerous missions. The ANG will be using leased temporary facilities. The facilities are significantly smaller and not properly configured. They will not have provisions for the storage of classified data. Crews briefing rooms will be inadequate. The command and control for operations and maintenance functions will not exist. Training and mission planning will be inadequate.
IMPACT IF NOT PROVIDED: Unable to accomplish proper operations, security, and organizational/flight line maintenance activities. Unable to reach full operational capability. Higher operating costs. Training opportunities are lost. Adequate mission planning cannot be accomplished.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ROBINS AFB GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
B-1 COMPOSITE SQUADRON OPERATIONS FACILITY	UHHZ939790

Maintenance and training on the B-1 aircraft is severely degraded. Inadequate maintenance and flight training reduces unit's ability to attain wartime readiness and adversely affect the overall safety of operations.

ADDITIONAL: Since there are no facilities available, an exception to the economic analysis has been prepared.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ROBINS AFB GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
B-1 COMPOSITE SQUADRON OPERATIONS FACILITY	UHHZ939790

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 01
(b)	Percent Complete as of Jan 96	95%
(c)	Date 35% Designed	95 MAY 31
(d)	Date Design Complete	96 JAN 31
(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	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AFB GEORGIA	B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51628F	211-152	UHHZ939789	$13,761

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE MAINTENANCE COMPLEX	SF	76,800		10,413
GENERAL PURPOSE MAINTENANCE SHOPS	SF	21,600	130	(2,808)
FUEL SYSTEMS MAINTENANCE DOCK	SF	23,000	140	(3,220)
CORROSION CONTROL DOCK	SF	23,000	140	(3,220)
FUEL SYSTEMS/CORROSION CONTROL SHOPS	SF	6,100	130	(793)
SURVIVAL EQUIPMENT SHOP	SF	3,100	120	(372)
SUPPORTING FACILITIES				2,069
UTILITIES/FIRE SUPRESSION	LS			(1,405)
SITE IMPROVEMENTS	LS			(260)
PAVEMENTS	LS			(404)
SUBTOTAL				12,482
CONTINGENCY (5%)				624
TOTAL CONTRACT COST				13,106
SUPERVISION, INSPECTION AND OVERHEAD (5%)				655
TOTAL REQUEST				13,761
TOTAL REQUEST (ROUNDED)				13,761

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel frame, masonry walls, built-up roof. Provide all utilities, site improvements, pavements, fire suppression, and support. Air Conditioning: 60 Tons.

11. REQUIREMENT: 76,800 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: B-1 Composite Aircraft Maintenance Complex (New Mission).
REQUIREMENT: The 116 Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft. The base needs a complex for corrosion control, fuel cell inspection, and aircraft maintenance and repair shops for the B-1 aircraft.
CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-1 aircraft maintenance functions. All permanent facilities at Robins AFB are being used at maximum to support the numerous base missions. The Robins ALC Commander has made available an area of the base where ANG can build the facilities. Until the facilities are constructed, The ANG is using workarounds to maintain the aircraft. The majority of the maintenance is done on the ramp, weather permitting. For covered area, the ANG shares the facilities, on a space available basis, with the other base users such as the C-141 depot work and the KC-135 aircraft. The shops are also being co-used. However, they are not properly sized or configured for B-1 and are scattered among other shops on base. Critical maintenance is to be done at other AF or ANG B-1 bases. Maintenance manhours and training opportunities are lost. Critical maintenance task are delayed. Command and control and quality assurance for the aircraft maintenance does not

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
ROBINS AFB GEORGIA	
4. PROJECT TITLE	5. PROJECT NUMBER
B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	UHHZ939789

exists. Inclement weather reduces the work that can be performed on the ramp. The safety of the maintenance work force is compromised. The accumulated maintenance deficiencies can ground the aircraft and the crews will not be able to train.

IMPACT IF NOT PROVIDED: Unable to accomplish maintenance properly. Unable to reach full operational capability. Training opportunities are lost. Higher operating costs. Maintenance of engines and other aircraft components will be done on the ramp using work-around procedures. Aicraft will be grounded and readiness is degraded.

ADDITIONAL: Since there are no facilities available, an exception to the economic analysis has been prepared.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ROBINS AFB GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	UKHZ939789

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 01
(b)	Percent Complete as of Jan 96	95%
(c)	Date 35% Designed	95 MAY 31
(d)	Date Design Complete	96 FEB 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	730
(b)	All Other Design Costs	292
(c)	Total	1022
(d)	Contract	1022
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AFB GEORGIA	B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51628F	422-264	UHH2939791	$3,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
B-1 MUNITIONS MAINTENANCE AND TRAINING	SF	15,100		1,719
MUNITIONS EQUIPMENT MAINTENANCE SHOP	SF	11,500	115	(1,323)
INSPECTION AND BUILD-UP AREA	SF	3,600	110	(396)
SUPPORTING FACILITIES				1,005
UTILITIES	LS			(400)
SITE IMPROVEMENTS	LS			(150)
PAVEMENTS	LS			(200)
SECURITY MEASURES	LS			(255)
SUBTOTAL				2,724
CONTINGENCY (5%)				136
TOTAL CONTRACT COST				2,860
SUPERVISION, INSPECTION AND OVERHEAD (5%)				143
TOTAL REQUEST				3,003
TOTAL REQUEST (ROUNDED)				3,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry walls and frangible roof system. Provide utilities, site improvements, pavements, security measures and support.

11. REQUIREMENT: 15,100 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: B-1 Munitions Maintenance and Training Complex (New Mission).

REQUIREMENT: The 116 Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 Bomber aircraft. A properly sited, sized and configured complex is required for the B-1 aircraft training munitions crews. Functional areas include maintenance bays, equipment storage, tool room, locker rooms, classrooms, and administrative areas.

CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF, ascertained there are no facilities available on the base that can be used for the munitions maintenance complex. The B-1 aircraft have a large munition requirement as well as maintenance and storage of associated munitions handling equipment. The base has an area with sufficient quantity distance that meets munitions safety criteria and would allow construction of the complex. Until this project is completed the ANG will be using temporary leased trailers. However, these will not be sized to meet the requirement and will not be configured to meet the safety and security needs.

IMPACT IF NOT PROVIDED: The ANG will be unable to accomplish proper munitions training maintenance and handling. Unable to reach full operational capability. Higher operating costs. Lack of adequate area directly impact unit's capability to support the mission. Degraded readiness.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
ROBINS AFB GEORGIA	
4. PROJECT TITLE	5. PROJECT NUMBER
B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX	UHHZ939791

ADDITIONAL: *Since there are no facilities available, an exception to the economic analysis has been prepared.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
ROBINS AFB GEORGIA	
4. PROJECT TITLE	**5. PROJECT NUMBER**
B-1 MUNITIONS MAINTENANCE AND TRAINING COMPLEX	UHHZ939791

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 01
(b)	Percent Complete as of Jan 96	65%
(c)	Date 35% Designed	95 JUN 01
(d)	Date Design Complete	96 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	150
(b)	All Other Design Costs	75
(c)	Total	225
(d)	Contract	225
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AFB GEORGIA	B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51628F	932-000	UHHZ949508	$6,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
B 1 SITE IMPROVEMENTS, ROADS AND UTILITIES	LS			4,337
SITE IMPROVEMENT	LS			(1,044)
BASIC BASE PAVEMENTS	LS			(1,413)
TAXIWAY UPGRADE	LS			( )
APRON	SY	20,000	94	(1,880)
SUPPORTING FACILITIES				1,365
UTILITIES	LS			(840)
DRAINAGE STRUCTURES	LS			(525)
SUBTOTAL				5,702
CONTINGENCY (5%)				285
TOTAL CONTRACT COST				5,987
SUPERVISION, INSPECTION AND OVERHEAD (5%)				299
TOTAL REQUEST				6,286
TOTAL REQUEST (ROUNDED)				6,300

10. Description of Proposed Construction: Upgrade taxiways and construction of a primary paved road network, parking lots, major drainage structures and a utilities network. Tie in base utility systems with the ANG area.

11. REQUIREMENT: As required.
PROJECT: B-1 Site Improvements, Roads and Utilities (New Mission).
REQUIREMENT: The 116 Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 Bomber aircraft. The base requires adequate facilities for the beddown of the B-1 aircraft. It provides site work and utilities for a phased construction effort to beddown the B-1 aircraft.
CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins to beddown the B-1 aircraft. The base has an area that can be used for construction. The property is located to the west of the existing base on semi-developed land. A major open drainage system crosses the property. All utilities and a road network must be extended to the area. The drainage must be rerouted. Ramp runoff must be captured, treated and disposed in an environmentally safe manner. The jet fuel hydrant refueling line must be extended from the fuel storage area. Fuel spill containment measures must be constructed. The taxiway is not strong enough to support the much heavier B-1 aircraft.
IMPACT IF NOT PROVIDED: Unable to beddown the aircraft. The aircraft can be parked but not maintained or flown. Loss of training opportunities for over 1000 personnel. Unable to construct the other facilities. Unable to use the constructed facilities.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ROBINS AFB GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES	UHHZ949508

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 01
(b)	Percent Complete as of Jan 96	70%
(c)	Date 35% Designed	95 JUN 01
(d)	Date Design Complete	96 MAY 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	300
(b)	All Other Design Costs	150
(c)	Total	450
(d)	Contract	450
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
GREATER PEORIA AIRPORT ANG, ILLINOIS	1.14

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, twelve supplemental unit training assemblies, 15 days annual training per year, daily use by technician/AGR force.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	25,400 SF	3,685	APR 94	NOV 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 10 JUN 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
GREATER PEORIA AIRPORT ANG, ILLINOIS

11. PERSONNEL STRENGTH AS OF 31 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	320	12	60	248	1,194	127	1,067
ACTUAL	290	12	52	226	1,168	128	1,040

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
169	FS	38	44
182	CES	134	120
182	ASOC	117	111
182	MS	411	373
182	CS	42	36
182	MSF	33	30
182	LS	107	101
182	HQ FG	49	58
182	MDS	69	66
182	SPS	57	56
182	SVS FT	30	25
169	ACFP	61	49
182	OG	3	3
182	SG	5	5
182	LG	16	18
182	OSF	22	16
8182	STU FT	0	57
	TOTALS	1,194	1,168

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	19
C-26 Aircraft	1	1
C-130 Aircraft	8	0
Support Equipment	120	120
Vehicle Equivalents	709	732

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	211-179	JLQN939873	$3,685

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL SYSTEMS/CORROSION CONTROL FACILITY	SF	25,400		2,921
FUEL SYSTEMS MAINTENANCE DOCK	SF	20,600	120	(2,472)
FUEL SYSTEMS MAINTENANCE SHOP	SF	1,700	95	(162)
CORROSION CONTROL SHOP	SF	1,500	95	(143)
PLASTIC MEDIA STRIPPING AREA	SF	1,600	90	(144)
SUPPORTING FACILITIES				421
UTILITIES	LS			(80)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(41)
FIRE PROTECTION	LS			(150)
SUBTOTAL				3,342
CONTINGENCY (5%)				167
TOTAL CONTRACT COST				3,509
SUPERVISION, INSPECTION AND OVERHEAD (5%)				175
TOTAL REQUEST				3,685
TOTAL REQUEST (ROUNDED)				3,685

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 25,400 SF ADEQUATE: 0 SUBSTANDARD: 17,000 SF
PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).
REQUIREMENT: This project supports the conversion from 18 F-16 fighter aircraft to 8 C-130 aircraft. The base needs a facility for the repair of aircraft fuel cells and bladders, and the performance of corrosion control, washing, and spot painting of parts. Functional areas include fuel cell hangar bay, bladder repair and support shops and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.
CURRENT SITUATION: The fighter type fuel cell/corrosion control facility cannot be used by the much larger C-130 aircraft. The two bay facility has a load bearing wall between the bays which cannot be removed and prevents the C-130 from fitting into the fuel cell. Also, space limitations preclude an extension to the front since it would not leave enough room between the maintenance hangar and the fuel cell dock for C-130 wing clearance. The unit does not have any other facility to perform fuel cell maintenance on C-130 aircraft. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion control be performed indoors since the aircraft fuel bladders and cells

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
GREATER PEORIA AIRPORT ANG ILLINOIS	
4. PROJECT TITLE	5. PROJECT NUMBER
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	JLQN939873

must remain open for a considerable time. The fighter type fuel cell will be reused at minimal cost for aerial port training.

IMPACT IF NOT PROVIDED: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation of Technical Orders. Lost training opportunities. Compliance with environmental regulations cannot be met without this facility. Unable to reach full operational capability.

ADDITIONAL: An exception to an economic analysis has been prepared showing that there is no alternative other than new construction.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	JLQN939873

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 APR 29
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	95 MAR 01
(d)	Date Design Complete	95 NOV 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	200
(b)	All Other Design Costs	85
(c)	Total	285
(d)	Contract	285
(e)	In-house	
(4)	Construction Start	97 AUG

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
FORT WAYNE MUNICIPAL AIRPORT, INDIANA

4. AREA CONSTR COST INDEX
1.02

5. FREQUENCY AND TYPE OF UTILIZATION
Two Unit Traininтg Assemblies per month, 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 Army National Guard Armory, 1 Army Reserve Facility, 1 Marine Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
871-183	UPGRADE DRAINAGE SYSTEM	LS		500	JAN 94	JUL 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 13 APR 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
121-111	REFUELING VEHICLE PARKING	1,600	SY	400
442-758	BASE SUPPLY COMPLEX	31,000	SF	4,150
722-351	DINING HALL AND MEDICAL TRAINING FACILITY	36,500	SF	5,600

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
FORT WAYNE MUNICIPAL AIRPORT, INDIANA

11. PERSONNEL STRENGTH AS OF 17 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	373	28	295	50	1,224	116	1,108
ACTUAL	357	23	284	50	1,170	110	1,060

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
122	CAM SQ	559	526
122	CES	124	118
122	COM FT	21	17
122	FW HQ	59	50
122	MSP SQ	46	46
122	MSP FT	38	36
122	LOG SQ	121	118
122	HOSPIT	50	45
122	SPF	57	60
122	SVS FT	27	26
163	FGT SQ	56	60
235	ATCF	66	68
	TOTALS	1,224	1,170

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 C/D Aircraft	0	20
C-26 Aircraft	1	1
KC-135E Aircraft	9	0
Support Equipment	170	134
Vehicle Equivalents	333	301

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT WAYNE INTERNATIONAL AIRPORT INDIANA	UPGRADE DRAINAGE SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	871-183	ATQZ949537	$500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE DRAINAGE SYSTEM	LS			360
SUPPORTING FACILITIES				95
PAVEMENTS	LS			(75)
SITE IMPROVEMENTS	LS			(20)
SUBTOTAL				455
CONTINGENCY (5%)				23
TOTAL CONTRACT COST				478
SUPERVISION, INSPECTION AND OVERHEAD (5%)				24
TOTAL REQUEST				502
TOTAL REQUEST (ROUNDED)				500

10. Description of Proposed Construction: Upgrade storm water collection and storm water retention system by resizing storm water inlets and storm water piping system. Reshape and regrade open channel storm water ditches. Install storm water retention and storm water/oil separator structures and outflows. Regrade and reshape roadside swales. Upgrade deteriorated and undersized catchment basins. Repair pavements and sites.

11. REQUIREMENT: As required.

PROJECT: Upgrade Drainage System (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project that is required by the federal and state Clean Water Acts. An adequately sized, properly configured, and environmentally correct storm water drainage, storm water collection, storm water retention, and storm water separation system is required to prevent local flooding and to prevent pollution of the base and the surrounding community/farm lands by collecting the storm water and separating the contaminates in the storm water.

CURRENT SITUATION: The majority of the East side of the base has no structured drainage system to handle the rain fall. After heavy rain storms, portions of the base are impassible due to the flooding of the road network. Due to the extremely flat nature of the base and the surrounding farm lands, large areas remain underwater after storms for an inordinate period of time. Small portions of the base are drained with subsurface field tile drainage systems which are incapable of handling the storm flows. Other portions of the base are drained by surface drainage systems. Storm water structures need to be upgraded to accommodate the increased flows due to the expansion of the impervious surface areas as new facilities including buildings, parking areas, and aircraft pavements are constructed. Additional parking lots combined with the existing ones

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
FORT WAYNE INTERNATIONAL AIRPORT INDIANA	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE DRAINAGE SYSTEM	ATQZ949537

provide large impervious areas where lots of oil spots and drips can contribute to the storm water pollution. The base is required to test the outflow of the water under the NPDES program. It is also necessary to provide holding/separation areas to provide for the separation of pollutants. The base also needs to correct a cross connection between the storm drain system and the sanitary system. Storm water now enters the sanitary system and flows into the city treatment plant. The city system cannot handle this volume of water.

IMPACT IF NOT PROVIDED: Portions of the base will remain unusable after heavy rainfalls. Flooded roads will continue to be impassable and to be undermined as standing water seeps into the roads subgrade and subbase. The base continues to pay for the storm water testing of many discharge points versus a few if the system is redirected to one or two outfalls. Major spills will be difficult to contain. The storm system will continue to infiltrate the sanitary water system. Surrounding farm lands and communities will recieve pollution from the base. County statutes will be violated as large flows inundate the county storm water system. Regulated discharge will not be possible.

ADDITIONAL: This project has been assigned a Risk Assessment Code (RAC) of 5 by the authority having jurisdiction.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

FORT WAYNE INTERNATIONAL AIRPORT INDIANA

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE DRAINAGE SYSTEM	ATQZ949537

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 JAN 05
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 DEC 01
(d)	Date Design Complete	95 JUL 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	25
(b)	All Other Design Costs	17
(c)	Total	42
(d)	Contract	42
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION MCCONNELL AIR FORCE BASE, KANSAS		4. AREA CONSTR COST INDEX 0.99

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 Air Force Installation, 3 Army National Guard Armories, 1 Army Reserve Center, 1 Navy Reserve and 1 Marine Corps Reserve

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	B-1 FUEL SYSTEMS MAINTENANCE HANGAR	31,000 SF	5,356	JAN 94	FEB 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 5 APR 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
MCCONNELL AIR FORCE BASE, KANSAS

11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	782	84	674	24	1,416	169	1,247
ACTUAL	755	67	666	22	1,370	130	1,240

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
184	OG	119	93
184	SG	283	233
184	LG	722	790
184	HQ GP	49	37
184	MRD SQ	73	60
184	DET 1	47	42
134	ACS	123	115
	TOTALS	1,416	1,370

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
B-1B Aircraft	10	3
Support Equipment	565	426
Vehicle Equivalents	490	545

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCCONNELL AIR FORCE BASE KANSAS	B-1 FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51628F	211-179	PROE939746	$5,356

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
B-1 FUEL SYSTEMS MAINTENANCE HANGAR	SF	31,000		4,180
FUEL SYSTEMS MAINTENANCE BAY	SF	23,000	140	(3,220)
FUEL SYSTEMS SHOP	SF	6,000	120	(720)
ORGANIZATION MAINTENANCE SHOPS	SF	2,000	120	(240)
SUPPORTING FACILITIES				678
UTILITIES	LS			(200)
PAVEMENTS	LS			(185)
FIRE SUPPRESSION	LS			(200)
SITE IMPROVENENTS	LS			(93)
SUBTOTAL				4,858
CONTINGENCY (5%)				243
TOTAL CONTRACT COST				5,101
SUPERVISION, INSPECTION AND OVERHEAD (5%)				255
TOTAL REQUEST				5,356
TOTAL REQUEST (ROUNDED)				5,356

10. Description of Proposed Construction: Concrete slab floor, foundations, and footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil-water separator, fire suppression, personnel breathing apparatus and all utilities and support.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 31,000 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: B-1 Fuel System Maintenance Hangar (New Mission).
REQUIREMENT: This project supports the conversion of the 184th fighter group from 42 F-16 to 10 B-1. The base requires a facility for repair of aircraft fuel cells and bladders. Functional areas include fuel cell hangar bay, bladder repair and support shops, and approach aprons to the hangar. The work accomplished in this facility must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet environmental and safety requirements.
CURRENT SITUATION: The base does not have adaquate facilities to perform fuel cell maintenance for the B-1 aircraft. The existing ANG facilities are sized for fighters which are much smaller than the B-1 aircraft. All other facilities on base are being used at full capacity in support of the active duty KC-135 aircraft.
IMPACT IF NOT PROVIDED: Fuel cell maintenance will not be performed in a safe and timely manner. Aircraft will become non operational. Flying missions cannot be met. Compliance with environmental regulations will not be met. Training will be curtailed. Safety rules and tech orders will be violated.
ADDITIONAL: An exception to an economic analyisis has been prepared.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MCCONNELL AIR FORCE BASE KANSAS

4. PROJECT TITLE	5. PROJECT NUMBER
B-1 FUEL SYSTEMS MAINTENANCE HANGAR	PROE939746

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 JAN 07
(b)	Percent Complete as of Jan 96	95%
(c)	Date 35% Designed	94 DEC 30
(d)	Date Design Complete	96 FEB 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	97 JUL

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS	1.34

5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training Assemblie per month, 15 days annual field training per year, daily use by civil service technician, Active Guard/Reserve personnel, and Cooperative Service Agreement employees, 24 hour coverage by security and fire fighter personnel

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

8 Army National Guard Armories, 1 Army Reserve Center, 1 Air Force Reserve Base, 1 Navy Reserve and 1 Marine Reserve

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
821-116	UPGRADE HEATING DISTRIBUTION SYSTEM	LS		740	OCT 93	JUL 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 30 AUG 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
171-450	ADD TO AND ALTER MEDICAL TRAINING FACILITY	9,800	SF	950
442-758	BASE SUPPLY COMPLEX	30,000	SF	4,400
722-351	DINING HALL	15,000	SF	2,800
871-183	UPGRADE STORM DRAINAGE SYSTEM		LS	320
880-232	BASEWIDE FIRE ALARM SYSTEM		LS	380

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS

11. PERSONNEL STRENGTH AS OF 10 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	292	7	62	223	1,036	108	928
ACTUAL	283	7	62	214	1,008	101	907

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
104	TFG HQ	49	52
131	TFS	41	38
104	MNT SQ	399	388
104	LOG SQ	141	139
104	MED SQ	70	62
104	CES	145	147
104	MWRS	25	31
104	SPS	57	58
104	CMN SQ	40	41
104	OPS GP	9	4
104	LOG GP	18	15
131	WEA FT	13	11
104	SPT GP	5	6
104	OSF	24	16
	TOTALS	1,036	1,008

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
A-10 Aircraft	18	21
Support Equipment	83	74
Vehicle Equivalents	232	232

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS	UPGRADE HEATING DISTRIBUTION SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-116	AXQD939759	$740

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING DISTRIBUTION SYSTEM	LS			510
SUPPORTING FACILITIES				165
UTILITIES	LS			(50)
SITE IMPROVEMENTS	LS			(35)
ASBESTOS REMOVAL	LS			(80)
SUBTOTAL				675
CONTINGENCY (5%)				34
TOTAL CONTRACT COST				709
SUPERVISION, INSPECTION AND OVERHEAD (5%)				35
TOTAL REQUEST				744
TOTAL REQUEST (ROUNDED)				740

10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 leanto and infloor radiant heat system. Replace heating system in hangar floors and leanto's with insulated hotwater system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work.

11. REQUIREMENT: As required.
PROJECT: Upgrade Heating Distribution System (Current Mission).
REQUIREMENT: This is a Level II environmental compliance project. The base requires a heating system which is energy efficient and meets applicable clean air environmental requirements mandated by the Clean Air Act Amendments of 1990.
CURRENT SITUATION: The existing heat plant does not meet pending air quality emission standards. A large quantity of heat is lost in the distribution system. Existing system is partly steam and partly hot water. It is inefficient and wasteful. Pumps, controls, and monitoring systems are unreliable and parts are no longer readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because they fail due to their corroded state. The base is in a serious non-attainment area for ozone.
IMPACT IF NOT PROVIDED: Possible failure of the heating system. Higher operating costs. Unable to meet federal and state air emission standards.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING DISTRIBUTION SYSTEM	AXQD939759

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 OCT 22
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 NOV 10
(d)	Date Design Complete	95 JUL 01
(2) Basis:		
(a)	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	35
(b)	All Other Design Costs	13
(c)	Total	48
(d)	Contract	48
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION SELFRIDGE ANG BASE, MICHIGAN		4. AREA CONSTR COST INDEX 1.21

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 Reserve Centers, 2 Army National Guard Armories and 1 Naval Armory

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
821-116	UPGRADE HEATING SYSTEMS		LS	3,600	APR 93	MAR 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 3 MAR 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
116-672	AIRCRAFT DE ICING APRON		LS	400
149-962	REPLACE CONTROL TOWER		LS	2,900
171-450	MEDICAL TRAINING FACILITY (ANG/AFRES)	18,300	SF	1,350
219-944	BASE CIVIL ENGINEERING MAINTENANCE FACILITY	18,100	SF	2,700
722-351	DINING HALL (ANG/AFRES)	16,000	SF	1,500
722-351	RENOVATE BASE DINING HALL (JOINT ANG/AFRES)	16,500	SF	600
850-000	STORM WATER TREATMENT FACILTY		LS	3,000
851-000	SITE RESTORATION		LS	1,800

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
SELFRIDGE ANG BASE, MICHIGAN

11. PERSONNEL STRENGTH AS OF 8 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1,104	39	527	538	1,805	228	1,577
ACTUAL	1,114	37	561	516	1,682	185	1,497

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
127	SVCS	27	24
107	TFS	42	39
127	CAMS	447	390
127	MSS	42	34
127	TAC CI	74	61
127	FW	49	46
127	COM FT	35	29
127	SPF	57	55
127	OSF	26	26
127	RMS	107	98
107	WX FLT	19	19
191	SVCS	34	25
171	FIS	95	90
191	MSS	33	34
191	CAM	208	255
191	FIG	46	37
191	CLINIC	55	49
191	CES	141	123
191	SPF	57	55
191	RMS	107	96
191	COMMS	39	35
191	SPTG	41	38
127	SPTG	24	24
	TOTALS	1,805	1,682

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16A/B Aircraft	15	12
C-26B Aircraft	1	1
C-130E	8	3
Support Equipment	209	201
Vehicle Equivalents	902	839

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SELFRIDGE ANG BASE MICHIGAN	UPGRADE HEATING SYSTEMS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-116	VGLZ929903	$3,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING SYSTEMS	LS			3,000
SUPPORTING FACILITIES				285
UTILITIES	LS			(150)
PAVEMENTS	LS			(50)
SITE IMPROVEMENTS	LS			(85)
SUBTOTAL				3,285
CONTINGENCY (5%)				164
TOTAL CONTRACT COST				3,449
SUPERVISION, INSPECTION AND OVERHEAD (5%)				172
TOTAL REQUEST				3,621
TOTAL REQUEST (ROUNDED)				3,600

10. Description of Proposed Construction: The shutdown of the existing steam distribution system serving twelve buildings on the west side of the base requires the installation of packaged heating systems. These will be grouped to most efficiently serve the affected buildings. Provide all utilities, pavements, site improvements, and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a Level I environmental compliance project. State inspectors have determined that stack emissions exceeded the regulatory level of 20% opacity. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 1403, 1407, 1409, 1410, 1414, 1424, 1425, 1426, 1427, 1428, 1429, and 1430 require packaged heating units.

CURRENT SITUATION: The base has a coal fired central heating plant which is antiquated and does not meet current and pending air quality emission standards. The central plant serves twelve buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. The central plant has old boilers which are uneconomical to operate. There are numerous health and safety violations. The lines serving the buildings are old, poorly insulated, and need to be replaced. There are numerous leaks and substantial loss of energy through those leaks. The pipes have asbestos insulation. The electrical connections are old and corroded. The coal storage piles cause pollution of the groundwater. The ground underneath the coal is contaminated. It is not economical to upgrade the heating plant to meet air quality standards. The base is in a non-attainment area for Ozone. The plant must be operated thoughout the year to allow the production of hot water for the

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
SELFRIDGE ANG BASE MICHIGAN	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS	VGLZ929903

various buildings. This project will construct energy efficient and smaller gas fired heating units that will be more economical to operate and maintain. The grouping was determined by an extensive study and economic analysis. Upon completion of this project the following will occur: the coal pile will be removed and the contaminated area restored; 1,000 LF of railroad track will be removed; Building 1418 at 2,600 SF and Building 1005 at 3,959 SF will be demolished; and all of the remaining supporting appurtenances will be removed.

IMPACT IF NOT PROVIDED: Unable to comply with the federal and state environmental laws. Large energy losses. Inadequate heating for twelve buildings. Health and safety hazards. Higher operating costs. The state EPA may fine the base for air and groundwater pollution. Possible shut down of the system with partial shut down of the base.

ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that the grouping of the boilers into packaged units is the most economical alternative. This project is the final phase required for the total conversion of the two central heating plants at this installation.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

SELFRIDGE ANG BASE MICHIGAN

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS	VGLZ929903

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	93 APR 14
(b) Percent Complete as of Jan 96	70%
(c) Date 35% Designed	95 MAR 31
(d) Date Design Complete	96 MAR 31
(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	180
(b) All Other Design Costs	72
(c) Total	252
(d) Contract	252
(e) In-house	
(4) Construction Start	97 AUG

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION MINNEAPOLIS ST PAUL INT'L APT, 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

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-467	UPGRADE REFUELING VEHICLE MAINTENANCE & WASHING FACILITY	2,600 SF	360	FEB 94	APR 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 3 FEB 93 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
880-232	FIRE SUPPRESSION SYSTEM	LS	1,500

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
MINNEAPOLIS ST PAUL INT'L APT, MINNESOTA

11. PERSONNEL STRENGTH AS OF 31 FEB 93

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	318	33	240	45	1,480	230	1,250
ACTUAL	312	33	235	44	1,437	224	1,213

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	MN ANG	31	35
109	AS	101	103
109	AES	141	130
133	CEG SQ	174	163
133	SVF	43	40
133	AW	68	72
133	CAMS	183	193
133	MSS	45	46
133	HOSPME	73	70
133	MAP SQ	106	98
133	SPF	57	55
133	RMS	120	114
133	MSF	34	37
8133	STU FT	51	42
208	WEA FT	25	19
210	EIS SQ	162	157
237	ATC FT	66	63
	TOTALS	1,480	1,437

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130E Aircraft	8	9
Support Equipment	169	161
Vehicle Equivalents	417	519

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
LINCOLN MUNICIPAL AIRPORT (ANG), NEBRASKA	0.98

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 Reserve Center, 1 Army Reserve Training Center, 2 Army National Guard Facilities

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REMOVE UNDERGROUND FUEL STORAGE TANKS	LS	1,850	OCT 94	DEC 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 26 MAY 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
171-450	JOINT MEDICAL TRAINING FACILITY (ANG/ARNG)	12,000 SF	1,830
214-425	COMPOSITE SUPPORT FACILITY	45,700 SF	5,400

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
LINCOLN MUNICIPAL AIRPORT (ANG), NEBRASKA

11. PERSONNEL STRENGTH AS OF 31 JUL 93

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	339	47	289	3	978	136	842
ACTUAL	323	38	282	3	994	135	859

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	NE ANG	27	24
155	SVS FT	30	27
155	RG HQ	58	58
155	MNT SQ	282	284
155	MED SQ	55	56
155	CES SQ	134	119
155	SPS	75	66
155	MS FT	34	39
155	LOG SQ	108	100
173	AR SQ	77	77
155	COMMFT	43	52
8155	STU FT	0	32
155	OPS GP	6	5
155	OSF	32	36
155	SPT GP	5	6
155	LG GP	12	13
	TOTALS	978	994

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-12 Aircraft	1	1
KC-135 Aircraft	9	11
Support Equipment	162	205
Vehicle Equivalents	505	505

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LINCOLN MUNICIPAL AIRPORT (ANG) NEBRASKA	REMOVE UNDERGROUND FUEL STORAGE TANKS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	124-135	NGCB949698	$1,850

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REMOVE UNDERGROUND FUEL STORAGE TANKS	LS			1,678
REMOVE TANKS	LS			(63)
REMOVE PIPING AND FILLSTANDS	LS			(50)
ENVIRONMENTAL CLEANUP/REMEDIATION	LS			(1,500)
SITE RESTORATION	LS			(65)
SUBTOTAL				1,678
CONTINGENCY (5%)				84
TOTAL CONTRACT COST				1,762
SUPERVISION, INSPECTION AND OVERHEAD (5%)				88
TOTAL REQUEST				1,850
TOTAL REQUEST (ROUNDED)				1,850

10. Description of Proposed Construction: Remove jet fuel storage tanks. Excavate and romove tank residue; remove or remediate contaminated soil and restore site. All utilities and support.

11. REQUIREMENT: As required.

PROJECT: Remove Underground Fuel Storage Tanks (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project. The ANG unit at this location has no use for these abandoned tanks and it is required by the federal and state environmental protection agencies that the tanks and the contaminated soil be removed before any improvements can be made on this site.

CURRENT SITUATION: An FY 95 MILCON project provides a new jet fuel storage complex. Upon project completion there is the need to clean up the old site and remove the unuseable system and components. The project demolishes the old tanks, removes piping and fillstands, removes contaminated soil and restores the site. The present area is contaminated from past tank leaks and fuel spills. The plume is in the ground water, has contaminated up to three acres of soil and continues to move. The fuel storage tanks, field constructed in 1958, have leaked. The leaks have occurred over the years in the welds between the pipe joints. At this location the water table is close to the surface. As the water table rises and falls, it places pressure on the piping and tanks. This has exacerbated the leaks. The empty tanks, other underground fuel systems and contaminated soil must be removed to comply with the State of Nebraska and federal EPA requirements. Upon completion of this project, Building 670 at 429 SF and Building 671 at 200 SF will be demolished.

IMPACT IF NOT PROVIDED: Non-compliance with statutes. The state and county may issue restraints and/or Notice of Violations and fines. The

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
LINCOLN MUNICIPAL AIRPORT (ANG) NEBRASKA	
4. PROJECT TITLE	5. PROJECT NUMBER
REMOVE UNDERGROUND FUEL STORAGE TANKS	NGCB949698

Air National Guard may receive unfavorable publicity. The contamination will spread further in the soil and aquifer. Abandoned, contaminated facility will generate energy and maintenance costs to attempt to confine existing contamination.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

LINCOLN MUNICIPAL AIRPORT (ANG) NEBRASKA

4. PROJECT TITLE	5. PROJECT NUMBER
REMOVE UNDERGROUND FUEL STORAGE TANKS	NGCB949698

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 OCT 10
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	95 JUN 01
(d)	Date Design Complete	95 DEC 31
(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	92
(b)	All Other Design Costs	37
(c)	Total	129
(d)	Contract	129
(e)	In-house	
(4)	Construction Start	97 JUL

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY		4. AREA CONSTR COST INDEX 1.19

5. FREQUENCY AND TYPE OF UTILIZATION

Two Unit Training Assemblies per month, 15 days annual field training per year, daily training by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

2 Army National Guard Armories, 1 Naval Facility and 1 Active Army Post.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
219-944	COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY	24,000 SF	3,250	JUL 93	MAY 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 15 NOV 93 (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	CONSOLIDATED SQUADRON OPERATIONS FACILITY	44,700 SF	6,600
171-450	MEDICAL TRAINING FACILITY	6,000 SF	760
211-111	CONSOLIDATED AIRCRAFT MAINTENANCE HANGAR	51,100 SF	8,600
871-18	INDUSTRIAL WASTE TREATMENT FACILITY	LS	750

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
MCGUIRE AIR FORCE BASE, NEW JERSEY

11. PERSONNEL STRENGTH AS OF 9 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	567	128	395	44	1,552	230	1,322
ACTUAL	504	125	335	44	1,725	248	1,477

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	NJ ANG	32	29
HQ	108ARW	65	87
108	OPS FT	44	34
141	ARS	69	62
141	AGU	0	0
150	ARS	65	72
108	OPS GP	8	1
108	LOG GP	18	0
108	MNT SQ	544	592
108	LOG SQ	145	194
108	SPT GP	5	6
108	MSS	43	56
108	COMMFT	36	62
108	SPS	118	125
108	CES	132	190
108	SVC	52	45
108	CLINIC	57	55
170	CLINIC	55	50
108	DET 2	40	39
204	WEA FT	24	26
	TOTALS	1,552	1,725

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC 135 Aircraft	19	21
C-135B	1	1
C-26A	1	1
Support Equipment	430	410
Vehicle Equivalents	380	380

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCGUIRE AIR FORCE BASE NEW JERSEY	COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	219-944	PTFL000602	$3,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE BCE MAINTENANCE FACILITY	SF	24,000		2,494
BASE MAINTENANCE SHOP	SF	13,300	110	(1,463)
COVERED STORAGE	SF	4,000	65	(260)
DISASTER PREPAREDNESS	SF	3,000	115	(345)
SERVICES FLIGHT	SF	3,700	115	(426)
SUPPORTING FACILITIES				450
UTILITIES	LS			(150)
PAVEMENTS	LS			(50)
SITE IMPROVEMENTS	LS			(100)
PRE-WIRED WORK STATIONS	LS			(150)
SUBTOTAL				2,944
CONTINGENCY (5%)				147
TOTAL CONTRACT COST				3,091
SUPERVISION, INSPECTION AND OVERHEAD (5%)				155
TOTAL REQUEST				3,246
TOTAL REQUEST (ROUNDED)				3,250

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; structural steel and masonry walls with insulated panel walls and roof structure. All utilities, pavements, site improvements, and support.
Air Conditioning: 30 Tons.

11. REQUIREMENT: 24,000 SF ADEQUATE: 0 SUBSTANDARD: 12,769 SF
PROJECT: Base Civil Engineer Maintenance Facility (Current Mission).
REQUIREMENT: A properly sized and configured facility is required to house the Base Engineer Maintenance daily workforce, Civil Engineering Squadron, Services Flight, and Disaster Preparedness Function.
CURRENT SITUATION: HQ ANG has directed the 108th and 170th Base Maintenance and Civil Engineering Squadrons as well as the respective Services and Disaster Preparedness Flights to consolidate operations to realize manpower, facility, vehicle, and equipment savings. This consolidated unit will continue to support two flying squadrons. Civil engineering is now housed in numerous pre-WW II facilities which are scattered throughout the base, are costly to maintain, energy inefficient, and inadequate to support mission training requirements. It is extremely difficult to exercise span of control over full-time employees and squadron personnel during UTA weekends. Upon completion of this project, the following buildings will be demolished: 33-07 at 572 SF; 33-11 at 1,027 sf; 33-12 at 4,977 SF; 33-15 at 3,518 SF; 33-17 at 1,715 SF; and 33-19 at 960 SF for a total of 12,769 SF.
IMPACT IF NOT PROVIDED: Continued expenditure of funds for "forced use" facilities. Continued use of energy inefficient facilities. Ineffective Civil Engineering support to base mission. Ineffective training.
ADDITIONAL: A life cycle economic analysis has been performed comparing

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
MCGUIRE AIR FORCE BASE NEW JERSEY		
4. PROJECT TITLE		5. PROJECT NUMBER
COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY		PTFL000602

all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MCGUIRE AIR FORCE BASE NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY	PTFL000602

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 JUL 22
(b)	Percent Complete as of Jan 96	70%
(c)	Date 35% Designed	95 MAR 31
(d)	Date Design Complete	96 MAY 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	150
(b)	All Other Design Costs	75
(c)	Total	225
(d)	Contract	225
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
KIRTLAND AIR FORCE BASE, NEW MEXICO	1.02

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

3 Army National Guard Armories, 2 Army Reserve Facilities, 1 Naval/Marine Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	2,900	JUL 91	APR 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 29 JAN 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
131-111	COMPOSITE COMMUNICATION AND STATE HEADQUARTERS FACILITY	10,400 SF	2,300
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	22,300 SF	3,000
442-758	ADD TO AND ALTER BASE SUPPLY WAREHOUSE	41,000 SF	1,950

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
KIRTLAND AIR FORCE BASE, NEW MEXICO

11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	363	40	319	4	1,054	123	931
ACTUAL	354	40	310	4	1,072	120	952

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ NM ANG	28	28
150 FG	49	48
150 MED SQ	32	36
150 MSS SQ	34	32
150 MNT SQ	464	483
150 CES	110	99
150 SVS FT	34	32
150 SPS	57	57
150 LOG SQ	107	104
150 CMN FT	35	39
150 SUP GP	5	5
188 FS	42	50
8150 STU FT	5	20
150 OPS GP	3	3
150 LOG GP	16	15
150 OSF	33	21
TOTALS	1,054	1,072

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	25
C-26 Aircraft	1	1
Support Equipment	171	150
Vehicle Equivalents	179	86

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AFB, NEW MEXICO	MUNITIONS MAINTENANCE AND STORAGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	216-642	MHMV899521	$2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MUNITIONS MAINTENANCE AND STORAGE	SF	17,900		1,837
SUPPORT AND TRAILER MAINTENANCE	SF	7,500	135	(1,013)
MUNITIONS MAINTENANCE	SF	4,600	135	(621)
ALTER MUNITIONS STORAGE	SF	5,800	35	(203)
SUPPORTING FACILITIES				805
UTILITIES	LS			(200)
PAVEMENTS, ROADS AND LOADING PAD	LS			(400)
SITE IMPROVEMENTS	LS			(95)
PRE-WIRED WORK STATIONS	LS			(25)
LOADING/UNLOADING DOCK	LS			(85)
SUBTOTAL				2,642
CONTINGENCY (5%)				132
TOTAL CONTRACT COST				2,774
SUPERVISION, INSPECTION AND OVERHEAD (5%)				139
TOTAL REQUEST				2,913
TOTAL REQUEST (ROUNDED)				2,900

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry/reinforced concrete walls and a frangible built-up roof for the maintenance/administration area. Metal building/concrete floor for covered storage/missile training area. Alter existing storage. Overlay road, provide new pavements and utilities.
Air Conditioning: 25 Tons.

11. REQUIREMENT: 17,900 SF ADEQUATE: 0 SUBSTANDARD: 13,493 SF
PROJECT: Munitions Maintenance and Storage Complex (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft in October 1992. Adequate training and operational facilities are necessary to support the storage, inspection, maintenance, and repair of aircraft missiles and missile trailers. Functional areas required are missile maintenance bays, trailer maintenance bay, parts storage, administration area, rest rooms, and missile, 20-mm munitions and ALS/ULS processing areas.
CURRENT SITUATION: Munitions maintenance is in a shared Air Force facility and is conducted in an unsafe and undersized area that is 25% of what is the minimum required. The area is also too close to a new taxiway that the airport authority is building. The distance to the new taxiway limits the type of explosives that can be stored, maintained and used for training. During training weekends only one training class at a time can be conducted due to the space available. Trailer maintenance is performed outside exposed to the elements which can be extreme heat/cold with high winds and blown sand. No missile maintenance facility exists.
Maintenance and training requirements have increased with the F-16 creating the need for more space. Air Force shared maintenance space is a temporary workaround. The ANG is only scheduled space when Air Force is

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
KIRTLAND AFB, NEW MEXICO	
4. PROJECT TITLE	**5. PROJECT NUMBER**
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	MHMV899521

not using it. New segregated magazine and new igloo construction is not required due to an overage of this type of facility on the Air Force property to be acquired, however some alterations to the existing facilities that will make up this complex are required. An existing access road to the proposed site is in need of an overlay as smooth pavements are required for the movement of munitions.

IMPACT IF NOT PROVIDED: The unit is unable to properly and safely maintain the munitions for the new aircraft. There is no space to accommodate the new missile test equipment, maintain/store trailers and provide necessary munitions training. The unit is not able to accomplish the mission.

ADDITIONAL: Buildings 749 @ 123 SF; 754 @ 5,474 SF; 755 @ 5,474 SF, and 756 @ 822 SF will be returned to the Air Force upon completion of this project. Three trailers used to supplement the above space will be disposed of upon completion of this project. An exception to an economic analysis has been prepared with the explanation that there are no viable alternatives.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AFB, NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	MHMV899521

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 JUL 26
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 FEB 22
(d)	Date Design Complete	95 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	115
(b)	All Other Design Costs	72
(c)	Total	187
(d)	Contract	187
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
FRANCIS S GABRESKI AIRPORT NEW YORK	1.31

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

1 Army National Guard Unit, 1 Naval Reserve Unit, 1 U. S. Coast Guard Unit, and 1 US Military Academy

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
116-672	AIRCRAFT WASH AND DEICING FACILITY	LS	630	MAY 93	JUN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 30 AUG 94 (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 SUPPORT FACILITY	96,300 SF	7,100
211-157	ENGINE AND SURVIVAL EQUIPMENT SHOPS	24,400 SF	4,300
214-425	VEHICLE AND AGE MAINTENANCE FACILITY	19,000 SF	3,500
216-642	MUNITIONS STORAGE COMPLEX	1,000 SF	1,500
218-712	ALTER AIRCRAFT SUPPORT SHOP	6,200 SF	460

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
FRANCIS S GABRESKI AIRPORT NEW YORK

11. PERSONNEL STRENGTH AS OF 27 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	265	8	37	220	883	115	768
ACTUAL	264	6	37	221	784	106	678

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
102 RQS	116	114
106 RQG	60	63
106 CES	148	125
106 CAMS	257	195
106 MSF	42	34
160 MSS	71	64
106 LS	120	108
106 MED SQ	34	34
106 SVF	35	22
8106 STU FT	0	25
TOTALS	883	784

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
HC-130 Aircraft	4	4
MH-60G	6	5
Support Equipment	200	180
Vehicle Equivalents	247	242

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FRANCIS S. GABRESKI AIRPORT NEW YORK	AIRCRAFT WASH AND DEICING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	116-672	WKVB939505	$630

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT WASH AND DEICING FACILITY	LS			200
SUPPORTING FACILITIES				375
UTILITIES/WATER STORAGE	LS			(245)
PAVEMENTS	LS			(10)
SITE IMPROVEMENTS	LS			(30)
ENVIRONMENTAL CONTROL SYSTEM	LS			(90)
SUBTOTAL				575
CONTINGENCY (5%)				29
TOTAL CONTRACT COST				604
SUPERVISION, INSPECTION AND OVERHEAD (5%)				30
TOTAL REQUEST				634
TOTAL REQUEST (ROUNDED)				630

10. Description of Proposed Construction: Concrete pad with drainage features for fluid containment. Provide utilities, pavements, site improvements, wash water disposal system, and glycol recovery/recycling system.

11. REQUIREMENT: As required.
PROJECT: Aircraft Wash and Deicing Facility (Current Mission).
REQUIREMENT: This is a Level II environmental compliance project. The base requires an environmentally safe facility to deice aircraft after each flight. Based on current regulations, glycol discharges must be contained and not allowed to enter streams or water ways. This project is needed to prevent deicing fluids from entering streams and will provide a means of recycling the glycols. Glycols entering the streams will cause the base to violate the permitted discharge limits and could result in a notice of violation and fines. In addition, a facility that can also function as an aircraft washrack is needed.
CURRENT SITUATION: The base is located near the water and the air/sea rescue training mission requires daily flights over the Atlantic Ocean. An adequately sized and environmentally safe wash and deice facility does not exist. The aircraft are washed and deiced on the ramp. Waste wash water and deicing fluids run off the apron on the ground contaminating the soil with glycols, salt and other aircraft fluids. Also, there is not an area dedicated to deice the aircraft and capture and recycle the fluids.
IMPACT IF NOT PROVIDED: Unable to deice aircraft. Violation of federal and state EPA regulations. Mission is severly impacted due to corroded aircraft. The continued contamination of the ground water and associated pollution of local streams. The Air National Guard could receive fines and unfavorable publicity.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

FRANCIS S. GABRESKI AIRPORT NEW YORK

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT WASH AND DEICING FACILITY	WKVB939505

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	93 MAY 12
(b) Percent Complete as of Jan 96	100%
(c) Date 35% Designed	94 NOV 30
(d) Date Design Complete	95 JUN 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	20
(b) All Other Design Costs	10
(c) Total	30
(d) Contract	30
(e) In-house	

(4) Construction Start 97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEW YORK		4. AREA CONSTR COST INDEX 1.23

5. FREQUENCY AND TYPE OF UTILIZATION
Four Unit Training Assemblies per month, 15 days annual training per year, drill, use for technician force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
Army National Guard Units, two Army Reserve units, one Naval Reserve unit, one Marine Corps Reserve Unit (colocated) and the U. S. Military Academy.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-212	C-5 FLIGHT SIMULATOR FACILITY	12,000 SF	3,000	FEB 94	OCT 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 30 AUG 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
900-000	COVER LANDFILL	LS	2,000

1. COMPONENT	FY 1997 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION
STEWART INTERNATIONAL AIRPORT, NEW YORK

11. PERSONNEL STRENGTH AS OF 13 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	632	37	571	24	1,796	152	1,644
ACTUAL	627	28	575	24	1,626	149	1,477

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	NYANG	42	38
105	AG	53	53
105	AMS	118	85
105	FMS	358	281
105	OMS	230	206
105	APS	124	103
105	CES	156	155
105	SVF	43	34
105	COM FT	40	37
105	MSF	35	41
105	LS	109	109
105	SPF	81	78
137	ALS	155	148
105	MED SQ	67	60
105	LG	116	86
105	SPT GP	5	4
105	OPS GP	6	5
105	OSF	22	20
552	AFBAND	36	15
8105	STU FT	0	68
	TOTALS	1,796	1,626

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5A Aircraft	12	12
KC-130 T (USMC)	12	8
Support Equipment	148	169
Vehicle Equivalents	524	724

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STEWART INTERNATIONAL AIRPORT NEW YORK	C-5 FLIGHT SIMULATOR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53115F	171-212	WHAY939802	$3,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 FLIGHT SIMULATOR FACILITY	SF	12,000	195	2,340
SUPPORTING FACILITIES				395
UTILITIES	LS			(200)
PAVEMENTS	LS			(65)
SITE IMPROVEMENTS	LS			(30)
FIRE PROTECTION	LS			(100)
SUBTOTAL				2,735
CONTINGENCY (5%)				137
TOTAL CONTRACT COST				2,872
SUPERVISION, INSPECTION AND OVERHEAD (5%)				144
TOTAL REQUEST				3,016
TOTAL REQUEST (ROUNDED)				3,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Masonry walls and roof structure. Includes utilities, pavements, site improvements, fire protection, and support.
Air Conditioning: 30 Tons.

11. REQUIREMENT: 12,000 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: C-5 Flight Simulator Facility (New Mission).
REQUIREMENT: The Defense Planning Guidance directs that training be moved into simulators. This reduces aircraft wear and tear and provide long term savings for flying hours, maintenence, travel and mandays and increases training capabilities. Air Mobility Command has directed that the Local Proficiency Sortie be accomplished in simulators. Flying hours have been reduced. The base requires a facility to house C-5 simulator equipment.
CURRENT SITUATION: The base does not have a facility that can accommodate the simulator equipment. ANG personnel must travel to other bases that have the simulator. However, with the directed increase in simulator training, there is not enough simulator time to accommodate the training requirements, HQ AMC has issued a statement of need for two simulators in the Air Reserve Components. Only one now exists. Simulator delivery to correspond with completion of facility construction.
IMPACT IF NOT PROVIDED: Unable to meet the training requirements and comply with the Defense Planning Guidence. Aircraft wear and tear cannot be reduced. Crews may not be combat ready.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

STEWART INTERNATIONAL AIRPORT NEW YORK

4. PROJECT TITLE	5. PROJECT NUMBER
C-5 FLIGHT SIMULATOR FACILITY	WHAY939802

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 FEB 01
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	95 FEB 01
(d)	Date Design Complete	95 OCT 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	150
(b)	All Other Design Costs	60
(c)	Total	210
(d)	Contract	210
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: simulator to be provided using aircraft procurement funds. Approximate cost: $30 Million. Approximate delivery date FY98/1.

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION CHARLOTTE/DOUGLAS INTERNAT'L APT, 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 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-449	AEROMED EVACUATION TRAINING FACILITY	13,100 SF	1,950	NOV 93	FEB 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 19 NOV 93 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
211-179	ALTER FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL DOCK	15,400 SF	1,100
442-758	BASE SUPPLY COMPLEX	32,400 SF	4,350

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
CHARLOTTE/DOUGLAS INTERNAT'L APT, NORTH CAROLINA

11. PERSONNEL STRENGTH AS OF 15 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	358	34	286	38	1,321	216	1,105
ACTUAL	312	32	244	36	1,319	227	1,092

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	NC ANG	32	31
145	AG HQ	53	50
145	OPS GP	6	6
145	LOG GP	9	8
145	SPT GP	5	4
156	AS	139	135
145	OSF	19	17
145	MAS	266	257
145	MSSQ	34	35
145	COMMFT	42	29
145	MED SQ	73	66
156	AE SQ	123	120
145	APS	163	164
145	CE SQ	130	135
145	SVCFLT	36	38
145	SP SQ	57	61
145	LOG SQ	108	105
145	OLMC	6	5
156	WEA FT	20	20
8145	STUFLT	0	33
	TOTALS	1,321	1,319

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130 Aircraft	12	12
Support Equipment	180	180
Vehicle Equivalents	265	265

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CHARLOTTE/DOUGLAS INTERNAT'L APT NORTH CAROLINA	AEROMED EVACUATION TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-449	FJRP929739	$1,950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AEROMED EVACUATION TRAINING FACILITY	SF	13,100		1,327
AEROMEDICAL TRAINING	SF	9,100	115	(1,047)
AEROMEDICAL MOBILITY STORAGE	SF	4,000	70	(280)
SUPPORTING FACILITIES				450
UTILITIES	LS			(120)
PAVEMENTS	LS			(155)
SITE IMPROVEMENTS	LS			(75)
PRE-WIRED WORK STATIONS	LS			(100)
SUBTOTAL				1,777
CONTINGENCY (5%)				89
TOTAL CONTRACT COST				1,866
SUPERVISION, INSPECTION AND OVERHEAD (5%)				93
TOTAL REQUEST				1,959
TOTAL REQUEST (ROUNDED)				1,950

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel structure with masonry walls and roof structure. Provide all utilities, pavements, and site improvements. Provide pre-wired work stations. Mobility storage building shall be unheated pre-engineered building on concrete slab with minimal utilities. Air Conditioning: 15 Tons.

11. REQUIREMENT: 13,100 SF ADEQUATE: 0 SUBSTANDARD: 8,627 SF
PROJECT: Aeromed Evacuation Training Facility (Current Mission).
REQUIREMENT: The base requires an adequately sized and properly configured facility with administrative, classroom and training space to support readiness and the proficiency training of the aeromedical evacuation personnel. Storage and locker areas are required to accommodate equipment and clothing. The operational area will allow command and control of mission equipment for tactical, liaison and mobile aeromedical staging facility teams. Unheated space is required to store mobility equipment.
CURRENT SITUATION: The function is currently in a converted aircraft maintenance facility that does not support the requirements of the unit. The building is thirty years old and was constructed to meet the requirements of an aircraft maintenance function. The majority of the facility is unheated and without air conditioning. The exterior walls are not energy efficient. The building has a high ceiling and wastes energy in the heating and air conditioning of the building. Not only is the facility too small but it is not properly configured internally to meet the training requirements. The interior utilities are old and antiquated. The facility lacks many of the amenities for the proper training. The mechanical and electrical systems are inadequate and energy inefficient.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
CHARLOTTE/DOUGLAS INTERNAT'L APT NORTH CAROLINA	
4. PROJECT TITLE	5. PROJECT NUMBER
AEROMED EVACUATION TRAINING FACILITY	FJRP929739

The building contains asbestos and presents a health hazard. The building is not a quality work place. Upon completion of this project Building 23 at 8,627 SF will be demolished.

IMPACT IF NOT PROVIDED: Readiness and proficiency training areas degrades mission capabilities. Current high bay facility is old, relatively uninsulated, and extremely energy inefficient, and continues to waste energy. Exposure to health hazards continue. Loss of training opportunities.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

CHARLOTTE/DOUGLAS INTERNAT'L APT NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AEROMED EVACUATION TRAINING FACILITY	FJRP929739

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 NOV 16
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 JUL 15
(d)	Date Design Complete	95 FEB 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	101
(b)	All Other Design Costs	30
(c)	Total	131
(d)	Contract	131
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
MANSFIELD LAHM AIRPORT ANG, OHIO	0.92

5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training Assemblies per month four split unit training assemblies per month, 15 days annual training per year, daily use by air technician force plus three evenings per week in support of flying training activities.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

1 Army National Guard Armory and 1 Army Reserve Training Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
116-672	AIRCRAFT DEICING APRON	LS	490	AUG 94	JUN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 1 JUN 94 (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	SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY	29,200 SF	5,400
171-445	COMPOSITE OPERATIONAL AND TRAINING FACILITY	21,000 SF	3,550
214-426	VEHICLE MAINTENANCE COMPLEX	15,800 SF	2,450
730-835	SECURITY POLICE OPERATIONS FACILITY	6,500 SF	1,200

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
MANSFIELD LAHM AIRPORT ANG, OHIO

11. PERSONNEL STRENGTH AS OF 18 MAY 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	274	3	54	217	949	125	824
ACTUAL	272	3	52	217	911	117	794

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
179	AIR GP	51	56
179	OPS GP	6	6
164	ALS	95	93
179	OSF	18	16
179	APS	101	98
179	LOG GP	7	6
179	MNT SQ	173	156
179	LOG SQ	107	98
179	SPT GP	5	5
179	CES	155	133
179	SPS	57	54
179	SVF	25	24
179	MSS	34	32
179	COM FT	42	33
179	MED SQ	73	66
179	STU FT	0	35
	TOTALS	949	911

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	8	8
Support Equipment	147	132
Vehicle Equivalents	237	274

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANSFIELD LAHM AIRPORT ANG OHIO	AIRCRAFT DEICING APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	116-672	PBXP949657	$490

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT DEICING APRON	LS			400
SUPPORTING FACILITIES				40
UTILITIES	LS			(30)
SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				440
CONTINGENCY (5%)				22
TOTAL CONTRACT COST				462
SUPERVISION, INSPECTION AND OVERHEAD (5%)				23
TOTAL REQUEST				485
TOTAL REQUEST (ROUNDED)				490

10. Description of Proposed Construction: Prepare site; install drainage system; place fabric, subbase, base, and concrete; excavate and construct vaults, install tanks, pumps, and filters, for recovery of aircraft deicing glycol.

11. REQUIREMENT: As required.

PROJECT: Aircraft Deicing Apron (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project. The base requires an environmentally safe facility to deice aircraft after each flight. Based on current regulations glycol discharges should be contained and prevented from entering streams or other bodies of water. Glycols entering streams and bodies of water will cause the base to violate the permitted discharge limits and could result in a notice of violation or fine. The base needs an aircraft parking area on which it can deice the C-130 aircraft and a deicing glycol recovery system which meets environmental requirements.

CURRENT SITUATION: A recent change in environmental policies prevents the discharge of glycol into the sanitary sewer system. The glycol discharges into the storm drains and ultimately into the sewers. This is currently not in conformance with the airport's NPDES permit.

IMPACT IF NOT PROVIDED: The airport's NPDES permit is being renewed and ANG has been notified that uncontrolled glycol drainage will not be permitted. This would shut down the winter deicing of C-130 aircraft. Training would be severely curtailed. Readiness would be immediately degraded. Lost of training opportunities.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MANSFIELD LAHM AIRPORT ANG OHIO

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT DEICING APRON	PBXP940657

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 AUG 15
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 DEC 15
(d)	Date Design Complete	95 JUN 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	24
(b)	All Other Design Costs	10
(c)	Total	34
(d)	Contract	34
(e)	In-house	
(4)	Construction Start	97 JUL

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
WILL ROGERS WORLD AIRPORT OKLAHOMA	0.92

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

4 Army National Guard Facilities, 4 Army Reserve Facilities, 1 Air Force Reserve Facility, 1 Naval Reserve Facility and I Marine Reserve Facility.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
730-835	ADD TO AND ALTER SECURITY POLICE FACILITY	6,700 SF	500	APR 92	DEC 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 6 OCT 93 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
171-449	AEROMEDICAL EVACUATION TRAINING FACILITY	23,500 SF	3,400

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
WILL ROGERS WORLD AIRPORT OKLAHOMA

11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	305	30	240	35	1,281	189	1,092
ACTUAL	282	30	218	34	1,167	184	983

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
137	ALW	51	51
137	ALS	95	101
137	MNT SQ	169	156
137	MSF	34	34
137	MED SQ	52	51
137	APF	65	53
137	CES	134	109
137	SVF	34	30
137	SPS	57	55
137	LGS	107	94
137	AEROMD	146	130
205	EIS	220	190
137	COM FT	40	36
137	OPS GP	6	6
137	OSF	18	18
137	LOG GP	7	6
137	SPT GP	5	6
HQ	OKANG	27	29
137	ALCEFT	14	12
	TOTALS	1,281	1,167

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H (PAA)	8	8
C-130H (BAI)	2	2
C-130H (OSA)	2	2
Support Equipment	126	100
Vehicle Equivalents	450	449

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WILL ROGERS WORLD AIRPORT OKLAHOMA	ADD TO AND ALTER SECURITY POLICE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	730-835	YZEU899625	$500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER SECURITY POLICE	SF	6,700		376
ADD TO SECURITY POLICE	SF	1,800	100	(180)
ALTER SECURITY POLICE	SF	4,900	40	(196)
SUPPORTING FACILITIES				80
UTILITIES	LS			(20)
PAVEMENTS	LS			(10)
SITE IMPROVEMENTS	LS			(10)
PRE-WIRED WORK STATIONS	LS			(40)
SUBTOTAL				456
CONTINGENCY (5%)				23
TOTAL CONTRACT COST				479
SUPERVISION, INSPECTION AND OVERHEAD (5%)				24
TOTAL REQUEST				503
TOTAL REQUEST (ROUNDED)				500

10. Description of Proposed Construction: Add to and alter Building 1035. Addition: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Exterior to match existing. Alteration: Rearrange partitions, relocate and extend utilities and alter walls. Provide all utilities and support.
Air Conditioning: 5 Tons.

11. REQUIREMENT: 6,700 SF ADEQUATE: 0 SUBSTANDARD: 7,204 SF
PROJECT: Add to and Alter Security Police Facility (Current Mission).
REQUIREMENT: The base requires an adequately sized and properly configured law enforcement and security flight facility for effective and efficient management and support of law enforcement, base defense and training. Functional areas include: command, supervision, training and administrative areas, arms vault and storage. This facility also supports mobility and deployment requirements for wartime/contingency operations.
CURRENT SITUATION: The security police function is presently located in a substandard, overcrowded, temporary, sheet metal building which is expensive to operate and maintain. The building is a safety and health hazard. The utilities are undersized. The building is energy inefficient. There is no room for cleaning, repairing or properly securing of weapons. Training must be accomplished in extremely crowded conditions. Mobility storage is not secure or readily accessible. Administrative space is too cramped. The facility is approximately one third of the required space and is not a quality work place. Upon completion of this project Building 1029 at 2,304 SF will be demolished.
IMPACT IF NOT PROVIDED: Health and safety hazards continue. Higher operating costs. Poor working conditions. Security is compromised. Training is degraded. Mission support is affected.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
WILL ROGERS WORLD AIRPORT OKLAHOMA	
4. PROJECT TITLE	**5. PROJECT NUMBER**
ADD TO AND ALTER SECURITY POLICE FACILITY	YZEU899625

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 APR 14
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	93 MAY 04
(d)	Date Design Complete	94 DEC 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	26
(b)	All Other Design Costs	16
(c)	Total	42
(d)	Contract	42
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
COVENTRY ANG STATION, RHODE ISLAND	1.19

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

14 Army National Guard Armories, 1 Air National Guard Facility, 5 Army Reserve Facilities, 2 Naval Reserve Facilities and 2 Marine Reserve Facilities.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	12,900 SF	2,500	JUN 89	JUN 93

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 25 MAY 94 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
COVENTRY ANG STATION, PHODE ISLAND

11. PERSONNEL STRENGTH AS OF 28 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	40	6	34	0	290	25	265
ACTUAL	40	6	34	0	252	23	229

12. RESERVE UNIT DATA

UNIT DESIGNATION			STRENGTH AUTHORIZED	STRENGTH ACTUAL
281	CMM GP		55	50
282	CMM SQ		235	202
		TOTALS	290	252

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	595	576
Vehicle Equivalents	272	292

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COVENTRY ANG STATION RHODE ISLAND	COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-447	EQDF889747	$2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	SF	12,900	140	1,806
SUPPORTING FACILITIES				450
UTILITIES	LS			(110)
PAVEMENTS	LS			(100)
SITE IMPROVEMENTS	LS			(90)
PRE-WIRED WORK STATIONS	LS			(150)
SUBTOTAL				2,256
CONTINGENCY (5%)				113
TOTAL CONTRACT COST				2,369
SUPERVISION, INSPECTION AND OVERHEAD (5%)				118
TOTAL REQUEST				2,487
TOTAL REQUEST (ROUNDED)				2,500

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and roof structure. All interior and exterior utilities. Exterior pavements, fire protection and support.
Air Conditioning: 40 Tons.

11. REQUIREMENT: 24,820 SF ADEQUATE: 11,920 SF SUBSTANDARD: 0
PROJECT: Communications and Electronics Training Facility (Current Mission).
REQUIREMENT: The station requires an adequately sized and properly configured facility to operate and maintain the electronics and to train the personnel for the wartime mission. Functional areas include: satellite communications, wire, crypto, wideband, and ground radio maintenance shops. Proper equipment storage is required to insure the assets are available for immediate deployment worldwide.
CURRENT SITUATION: As the active duty Air Force downsizes, overseas prepositioned equipment is being returned to CONUS and given to the ANG to operate and maintain. The facilities are undersized and poorly arranged. Crypto maintenance functions are in a separate building from the radio maintenance. No space is available for the new satellite equipment. Equipment storage area is away from the maintenance shop. Training opportunities are lost. Sensitive electronic equipment is stored outside and is exposed to weather conditions. Expansion of existing building is not possible due to land constraints. There is no room for shop people, they work in communications vans in the parking lot, doubled up in other offices and shops and occupy open areas in the warehouse. There are insufficient training classrooms. Some equipment is stored in aisles in violation of fire codes. Other inplace equipment does not have the proper

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

COVENTRY ANG STATION RHODE ISLAND

4. PROJECT TITLE	5. PROJECT NUMBER
COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	EQDF889747

clearance in violation of technical orders.
IMPACT IF NOT PROVIDED: Unit is unable to properly train on new equipment and it is not being maintained. Technical orders are being violated. Safety hazards continue. The equipment is not ready for immediate world wide mobility. Training opportunities are lost. The unit cannot reach full operational capability.
ADDITIONAL: An exception to an economic analysis has been prepared that shows there is no alternative other than new construction.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

COVENTRY ANG STATION RHODE ISLAND

4. PROJECT TITLE	5. PROJECT NUMBER
COMMUNICATIONS AND ELECTRONICS TRAINING FACILITY	EQDF889747

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	89 JUN 19
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	93 JAN 08
(d)	Date Design Complete	93 JUN 18
(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	101
(b)	All Other Design Costs	68
(c)	Total	169
(d)	Contract	169
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNAT'L APT ANG UTAH		4. AREA CONSTR COST INDEX 0.91

5. FREQUENCY AND TYPE OF UTILIZATION
Twelve monthly assemblies per year, 15 days annual field traning 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 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-425	VEHICLE WASHING FACILITY	2,550 SF	460	JUL 94	MAR 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 9 NOV 93 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
171-447	ELECTRONICS SECURITY SQUADRON FACILITY	12,800 SF	1,500
211-154	AIRCRAFT GENERATION UNIT MAINTENANCE FACILITY	28,200 SF	4,000
850-000	UPGRADE STORM DRAINANGE SYSTEM	LS	400
880-232	FIRE SUPPRESSION AND DETECTION SYSTEM	LS	1,200

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
SALT LAKE CITY INTERNAT'L APT ANG UTAH

11. PERSONNEL STRENGTH AS OF 31 SEP 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	360	39	255	66	1,647	182	1,465
ACTUAL	354	39	249	66	1,583	181	1,402

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	UT ANG	29	30
151	ARG	50	60
151	OG	6	6
151	OSF	33	28
191	ARS	73	78
151	LG	12	12
151	LS	107	102
151	MS	299	296
151	SG	5	5
151	CES	142	145
151	SVF	27	25
151	SPS	75	77
151	MSS	34	47
151	CFT	43	41
151	MEDS	55	57
151	CFT	0	1
130	RIS	228	200
299	RCS	108	100
106	ACS	89	78
109	ACS	121	100
169	IS	111	95
	TOTALS	1,647	1,583

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	10
Support Equipment	175	164
Vehicle Equivalents	716	716

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SALT LAKE CITY INTERNAT'L APT ANG UTAH	VEHICLE WASHING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55256F	214-425	USEB949639	$460

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
VEHICLE WASHING FACILITY	SF	2,550		262
LARGE BAY	SF	1,300	100	(130)
SMALL BAY	SF	900	100	(90)
MECHANICAL ROOM	SF	350	120	(42)
SUPPORTING FACILITIES				155
UTILITIES	LS			(25)
PAVEMENTS	LS			(35)
SITE IMPROVEMENTS	LS			(25)
WATER RECYCLING SYSTEM	LS			(70)
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: 9,352 SF ADEQUATE: 6,802 SF SUBSTANDARD: 0

PROJECT: Vehicle Washing Facility (Current Mission).

REQUIREMENT: The base requires a vehicle washing facility which complies with current environmental regulations. The facility must be large enough to safely remove large quantities of debris from oversized vehicles and heavy equipment. The facility must provide the capability to collect all debris and recycle all water.

CURRENT SITUATION: The existing vehicle wash rack is in the hoist bay of the vehicle maintenance shop and causes serious corrosion problems to the hoist. It is not large enough nor environmentally configured to serve the mission of the base. Due to its location, it cannot be expanded. Neither can it be enclosed to comply with existing environmental regulations. The facility discharges into the sanitary sewer, which is not in compliance with local utility regulations nor current recycling and disposal regulations.

IMPACT IF NOT PROVIDED: Unable to comply with the law on water quality. Unable to properly wash and prevent corrosion damage to vehicles.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

SALT LAKE CITY INTERNAT'L APT ANG UTAH

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE WASHING FACILITY	USEB949639

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 JUL 11
(b)	Percent Complete as of Jan 96	95%
(c)	Date 35% Designed	95 FEB 10
(d)	Date Design Complete	96 MAR 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	23
(b)	All Other Design Costs	12
(c)	Total	35
(d)	Contract	35
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		
3. INSTALLATION AND LOCATION RICHMOND IAP (BYRD FIELD), VIRGINIA		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
7 Army National Guard, 3 Army Reserve, 1 Marine Corps Reserve, 1 Naval Reserve, 1 Military Entrance Processing Station, and 1 Defense General Supply Center.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-425	VEHICLE MAINTENANCE COMPLEX	14,300 SF	1,550	JAN 92	MAR 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 7 JUL 94 (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	BASE SUPPLY COMPLEX	32,400 SF	4,900
871-183	UPGRADE BASE DRAINAGE	LS	460

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
RICHMOND IAP (BYRD FIELD), VIRGINIA

11. PERSONNEL STRENGTH AS OF 9 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	312	11	59	242	1,126	140	986
ACTUAL	298	11	59	228	1,092	141	951

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
192	FG	53	42
192	SPS	57	59
192	OSF	25	25
192	MNT SQ	447	439
192	MSF	34	33
192	MED SQ	73	62
192	COM FT	40	36
192	CES	140	114
192	SVS FT	36	27
192	LOG GP	16	15
8192	STU FT	0	35
200	WEA FT	25	21
HQ	VA ANG	23	26
149	OPS SQ	42	47
192	OPS GP	3	3
192	LOG	107	103
192	SPT GP	5	5
	TOTALS	1,126	1,092

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	25
Support Equipment	395	365
Vehicle Equivalents	224	328

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RICHMOND IAP (BYRD FIELD) VIRGINIA	VEHICLE MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	214-425	CVVM000941	$1,550

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
VEHICLE MAINTENANCE COMPLEX	SF	14,300		1,040
VEHICLE MAINTENANCE SHOP	SF	6,800	100	(680)
VEHICLE OPERATIONS PARKING SHED	SF	6,000	30	(180)
REFUELING VEHICLE SHOP	SF	1,500	120	(180)
SUPPORTING FACILITIES				375
UTILITIES	LS			(110)
PAVEMENTS	LS			(100)
VEHICLE FUELING STATION	LS			(136)
SITE IMPROVEMENTS	LS			(29)
SUBTOTAL				1,415
CONTINGENCY (5%)				71
TOTAL CONTRACT COST				1,486
SUPERVISION, INSPECTION AND OVERHEAD (5%)				74
TOTAL REQUEST				1,560
TOTAL REQUEST (ROUNDED)				1,550

10. Description of Proposed Construction: Concrete foundations and floor slabs. Provide brick and block walls compatable with adjacent buildings. Provide steel joist and metal pan roof with a built up roofing system. Provide vehicle hoists, utilities, pavements and site improvements. Relocate two fuel tanks and remove/replace oil/water separators. Air Conditioning: 10 Tons.

11. REQUIREMENT: 14,300 SF ADEQUATE: 0 SUBSTANDARD: 8,400 SF
PROJECT: Vehicle Maintenance Complex (Current Mission).
REQUIREMENT: An adequately sized, properly configured and environmentally safe facility is required for operational and training purposes to repair and maintain organizational vehicles which include cars, trucks, sweepers, snow plows, and refueler vehicles. Functional areas required include maintenance bays, paint bay, office area, parts/tool storage, battery shop, vehicle dispatch, fuel dispensing facility, two above ground fuel tanks, a wash rack, an oil/water separator, and a parking area. A parking shed is required to protect unit resources from the climatic conditions.
CURRENT SITUATION: The existing vehicle maintenance operation and training functions are being accomplished in facilities that are thirty five to forty years old and that have reached the end of their economic lives. Maintenance and repair of the facilities and their mechanical and electrical systems are no longer the correct economic alternatives. Replacement of internal systems is necessary due to the age and lack of replacement parts. The current facilities are short of maintenance space, office space and training space due to the expansion of the unit's resources and manning over the years. Certain maintenance and repair operations on the refueler and snow plow vehicles must be done outside due to the increased size of the modern vehicles. There is no provision for

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

RICHMOND IAP (BYRD FIELD) VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	CVVM000941

containment of a refueler fuel spill in the present facility or outside where maintenance is often performed. The facilities have numerous safety and health hazards. There is asbestos in various parts of the buildings and the paint spray booth does not meet current environmental standards. The existing oil/water separators do not meet the newest requirements for the removal of not only oil but emulsified waste products in suspension that currently pass through the separators. The exhaust system for vehicles under repair is not up to current safety and pollution standards/regulations. The existing facilities are located in the congested center of the base and must be moved to open up access to the center of the base and create a better flow for the different functions. The present location is also an installation restoration program (IRP) site that will be cleaned up in accordance with federal and state statutes once the existing vehicle maintenance facility is removed.

IMPACT IF NOT PROVIDED: Continued operations in the existing facilities will only prolong unsafe and inefficient operations. Overcrowding, substandard lighting and the lack of modern maintenance facilities will seriously affect the unit's ability to maintain a safe, operationally ready fleet. The unit's ability to train effectively will be impacted. Environmental standards and statutes will continue to be violated. Clean up of a contaminated site will be delayed causing further damage to the environment.

ADDITIONAL: This project is in accordance with the approved Base Master Plan. This project has been assigned a Risk Assessment Code (RAC) of 3 by the authority having jurisdiction. Asbestos shall be removed and the following buildings totaling 8,400 SF shall be demolished: Buildings 3642,3646, and 3647.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

RICHMOND IAP (BYRD FIELD) VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	CVVM000941

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 JAN 29
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 JUL 23
(d)	Date Design Complete	95 MAR 01
(2) Basis:		
(a)	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	85
(b)	All Other Design Costs	40
(c)	Total	125
(d)	Contract	125
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION VOLK FIELD AIR NATIONAL GUARD BASE, WISCONSIN		4. AREA CONSTR COST INDEX 1.33

5. FREQUENCY AND TYPE OF UTILIZATION
Year round operational training of Air National Guard Units and other Reserve and Guard components and Active Military Units.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1 Army National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
422-264	MUNITIONS STORAGE IGLOOS	3,600	SF	700	JUN 91	FEB 95
832-266	UPGRADE SANITARY SEWER SYSTEM		LS	320	APR 94	FEB 96

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 19 MAY 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)
111-111	UPGRADE RUNWAY		LS	7,000
442-758	BASE SUPPLY COMPLEX		LS	4,900
725-517	UPGRADE TROOP QUARTERS	21,900	SF	1,500
725-517	TROOP TRAINING COMPLEX	65,000	SF	6,400

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
VOLK FIELD AIR NATIONAL GUARD BASE, WISCONSIN

11. PERSONNEL STRENGTH AS OF 31 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	203	19	112	72	222	27	195
ACTUAL	183	16	95	72	194	23	171

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
VOLK CRTC	101	87
128 AC SQ	121	107
TOTALS	222	194

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	260	243
Vehicle Equivalents	777	700

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VOLK FIELD AIR NATIONAL GUARD BASE WISCONSIN	MUNITIONS STORAGE IGLOOS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	422-264	YAQF909832	$700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MUNITIONS STORAGE IGLOOS	SF	3,600	130	4
SUPPORTING FACILITIES				1
UTILITIES	LS			(40)
PAVEMENTS	LS			(85)
SECURITY FENCE AND LIGHTING	LS			(40)
SUBTOTAL				633
CONTINGENCY (5%)				32
TOTAL CONTRACT COST				665
SUPERVISION, INSPECTION AND OVERHEAD (5%)				33
TOTAL REQUEST				698
TOTAL REQUEST (ROUNDED)				700

10. Description of Proposed Construction: Construct earth covered, steel-arched igloos with segregated bins, lighting and security intrusion/detection systems. Provide security fencing, area lighting, loading dock, pavements, utilities and site improvements.

11. REQUIREMENT: 3,600 SF ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Munitions Storage Igloos (New Mission).

REQUIREMENT: The base requires adequate space to store munitions and missiles for the 115th Fighter Group located at Truax Field, Madison, Wisconsin. This project supports the October 1992 conversion from A-10 to F-16 aircraft at Truax Field. The F-16 aircraft's munitions/missiles require a storage area with a very large safety area to minimize damage in case of an accidental explosion.

CURRENT SITUATION: This project will allow the storage of munitions at Volk Field in support of the A-10 to F-16 conversion at Truax Field. Volk Field is a training base and is not authorized a munitions storage based on its mission since units are normally passing through and there is not any permanent aircraft assigned. Volk Field has sufficient area to allow for the construction of munitions igloos with their safety zones where Truax Field, which is located on a municipal airport, does not have an area to build a munitions storage facility that can support the requirement and maintain the correct safety zones. The flight to Volk Field from Truax Field is acceptable and a good training option.

IMPACT IF NOT PROVIDED: Travel to remote bases for missile maintenance and loading activities. Inefficient and lost time in the training of personnel. Inability to support missions without disregarding safety criteria and requirements. Exposure of others to the explosive dangers.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

VOLK FIELD AIR NATIONAL GUARD BASE WISCONSIN

4. PROJECT TITLE	5. PROJECT NUMBER
MUNITIONS STORAGE IGLOOS	YAQF909832

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 JUN 25
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 APR 14
(d)	Date Design Complete	95 FEB 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	37
(b)	All Other Design Costs	22
(c)	Total	59
(d)	Contract	59
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
SITE 1	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 U. S. Signal Detachment, 1 Army Research Institute and 1 Navy/Marine Corp Reserve

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS CMPL
211-111	UPGRADE MAINTENANCE HANGAR	61,000 SF	4,000	NOV 91	JAN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 18 APR 94 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
171-450	JOINT MEDICAL TRAINING FACILITY (ANG/ARNG)	13,000 SF	1,550
211-179	UPGRADE FUEL CELL/CORROSION CONTROL HANGAR AND SHOPS	30,400 SF	1,300

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
SITE 1

11. PERSONNEL STRENGTH AS OF 4 SEP 93

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	659	61	511	87	1,331	181	1,150
ACTUAL	593	61	459	73	1,298	157	1,141

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ	STATE	30	28
ANG	SVF	27	29
ANG	OPS GP	9	7
ANG	LOG GP	18	18
ANG	SPT GP	5	5
ANG	OSF	43	28
ANG	MSF	35	35
ANG	MNT SQ	506	490
ANG	FLT GP	49	49
ANG	MED SQ	51	49
ANG	FLT SQ	63	51
ANG	CES	128	125
ANG	SPS	57	51
ANG	LOG SQ	107	101
ANG	FT FLT	120	115
ANG	COM FL	46	40
ANG	ANG	30	28
ANG	ST FLT	7	49
	TOTALS	1,331	1,298

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Existing Aircraft	30	30
C-26 Aircraft	1	1
C-130 Aircraft	8	0
Support Equipment	196	196
Vehicle Equivalents	289	361

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SITE 1	UPGRADE MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52619F	211-111		$4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE MAINTENANCE HANGAR	SF	61,000	50	3,050
SUPPORTING FACILITIES				575
UTILITIES	LS			(125)
ASBESTOS REMOVAL	LS			(150)
FIRE SUPPRESSION	LS			(300)
SUBTOTAL				3,625
CONTINGENCY (5%)				181
TOTAL CONTRACT COST				3,806
SUPERVISION, INSPECTION AND OVERHEAD (5%)				190
TOTAL REQUEST				3,996
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Upgrade interior heating, plumbing, and electrical systems. Provide ventilation/air conditioning system throughout the shop and administrative sections. Replace interior finishes. Paint interior walls. Upgrade fire suppression and detection systems. Enclose walkways. Rearrange interior walls. Replace exterior asbestos siding and other asbestos insulated material.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 61,000 SF ADEQUATE: 0 SUBSTANDARD: 61,000 SF
PROJECT: Upgrade Maintenance Hangar (New Mission).
REQUIREMENT: This project supports conversion to new aircraft. The base requires a hangar with adequate utilities and heating/ventilation/air conditioning systems and work/training areas conducive for aircraft maintenance. Removal of potentially dangerous asbestos containing materials is required in order to meet current environmental regulations. The facility should meet all building codes and National Fire Protection Association (NFPA) recommendations.
CURRENT SITUATION: The 40 year old hangar is structurally sound but requires upgrading to support the mission. Utilities and walls must be relocated to meet the requirement for new aircraft maintenance. The electrical system has been altered many times, has reached its capacity, and does not meet many requirements of the National Electric Code. The plumbing system needs to be upgraded and expanded to meet the latest requirements of the National Plumbing Code and environmental regulations. The shop spaces in the hangar do not have sufficient ventilation and must be rearranged for the equipment that comes with the new aircraft. The administrative space needs to have the air conditioning system upgraded and expanded into spaces not previously air conditioned. The heating

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION		
SITE 1		
4. PROJECT TITLE		5. PROJECT NUMBER
UPGRADE MAINTENANCE HANGAR		

system also needs to be upgraded and extended into unheated spaces. Asbestos is present and must be removed during the extensive walls and utilities relocation. Asbestos is also contained in the exterior siding and is released into the air whenever work is done where penetration of theexterior skin is necessary. There are numerous health and safety code violations. The building was constructed in the days of cheap energy and needs to have the insulation improved to conserve energy and compliment the upgraded heating and air conditioning systems. Fire protection systems are inadequate. The detection system in the hangar bay and the detection/suppression systems in the shops and administrative areas do not meet the National Fire Code. A fire egress balcony that serves the second floor exits into the hangar bay area which is contrary to the Code. The balcony must be enclosed to provide for a proper egress. The exterior hangar doors are old and need to be modified for the larger aircraft.

IMPACT IF NOT PROVIDED: The aircraft maintenance effort is hindered and has an adverse affect on mission accomplishment. The new aircraft cannot be properly maintained. Training and administrative functions continue to use substandard facilities with a resulting decline in productivity and learning. Environmental problems with asbestos continue. Code violations remain with possible dangerous consequences. Accept the risk for the health and safety deficiencies.

ADDITIONAL: Renovation of the hangar for $4.0 million is the correct alternative to replacement of the hangar for $ 15.0 million.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
SITE 1	
4. PROJECT TITLE	**5. PROJECT NUMBER**
UPGRADE MAINTENANCE HANGAR	

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 NOV 01
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	92 NOV 24
(d)	Date Design Complete	95 JAN 05
(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	190
(b)	All Other Design Costs	70
(c)	Total	260
(d)	Contract	260
(e)	In-house	
(4)	Construction Start	97 MAY

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
PUERTO RICO IAP, PUERTO RICO	1.25

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

1 Air National Guard Unit, 1 Active Army Unit, 8 Army National Guard Units, 3 Army Reserve Units and 2 Naval Units.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-467	REFUELING VEHICLE SHOP AND PAINT BAY	2,700 SF	460	SEP 93	JUN 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 23 SEP 93 (Date)

9. LAND ACQUISITION REQUIRED — None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
116-922	UPGRADE BAK12/14 AIRCRAFT ARRESTING SYSTEM	LS	1,350
722-351	DINING HALL AND MEDICAL TRAINING FACILITY	33,600 SF	4,400
730-142	FIRE STATION	10,600 SF	1,900

1. COMPONENT	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
PUERTO RICO IAP, PUERTO RICO

11. PERSONNEL STRENGTH AS OF 22 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	402	37	322	43	1,088	115	973
ACTUAL	306	19	244	43	1,013	104	911

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
156	FG	49	44
156	FG DET1	9	7
156	OG	3	3
156	OSF	25	19
198	FS	42	42
156	SPTG	5	4
156	MSF	34	33
156	LG	16	13
156	MS	447	438
156	LS	107	96
156	MOS	73	71
156	MOS OL	3	3
156	CES	134	114
156	SPS	57	61
156	CF	50	34
156	SVF	34	33
	TOTALS	1,088	1,015

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	1	1
F-16 Aircraft	15	20
Support Equipment	110	92
Vehicle Equivalents	73	70

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO	REFUELING VEHICLE SHOP AND PAINT BAY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55256F	214-467	TUMR939783	$460

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REFUELING VEHICLE SHOP AND PAINT BAY	SF	2,700		340
VEHICLE REFUELING SHOP	SF	1,500	125	(188)
PAINT BAY AREA	SF	800	125	(100)
ADMINISTRATIVE AND UTILITY AREA	SF	400	130	(52)
SUPPORTING FACILITIES				67
UTILITIES	LS			(25)
PAVEMENTS	LS			(30)
SITE IMPROVEMENTS	LS			(12)
SUBTOTAL				407
CONTINGENCY (5%)				20
TOTAL CONTRACT COST				427
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				28
TOTAL REQUEST				455
TOTAL REQUEST (ROUNDED)				460

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel frame and built-up roof. Ventilation in accordance with environmental and safety regulations and standards. Provide all utilities, pavements, site improvements, and support.

11. REQUIREMENT: 2,700 SF ADEQUATE: 0 SUBSTANDARD: 706 SF
PROJECT: Refueling Vehicle Shop and Paint Bay (Current Mission).
REQUIREMENT: This is a Level I environmental compliance requirement. This facility is needed to provide control of fugitive emissions, volatile organic compounds, paint and abrasive particulates, in compliance with the Clean Air Act Amendment of 1990, which enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include refueler maintenance bay, paint bay, and associated shop areas which must meet air quality control standards. This project replaces and consolidate uncontrolled blasting activities while providing a single, central facility which establishes and maintains proper environmental controls.
CURRENT SITUATION: The refueler maintenance bay does not meet safety or environmental standards and/or statutes. There is no containment for fuel spills or correct ventilation for fuel fumes. There is insufficient clearance between the walls and the refueler, limiting the maintenance capability. The refueler doors cannot fully open and maintenance equipment cannot be moved around. The facility has numerous health and safety violations and cannot be upgraded. The paint spray booth bay does not comply with pollution standards or statutes and needs to be replaced with modern equipment. There is no vehicle paint bay in which to install a new booth. Painting outside is not possible and cannot be done in

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO

4. PROJECT TITLE	5. PROJECT NUMBER
REFUELING VEHICLE SHOP AND PAINT BAY	TUMR939783

accordance with safety and technical orders or in an environmentally safe manner.

IMPACT IF NOT PROVIDED: Limited capabilities for maintaining refueling vehicles. Inadequate training. Lack of properly maintained aircraft refueling vehicles may cause major environmental problems. Vehicles will continue to be painted under contract off base.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO	
4. PROJECT TITLE	5. PROJECT NUMBER
REFUELING VEHICLE SHOP AND PAINT BAY	TUMR939783

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 SEP 11
(b)	Percent Complete as of Jan 96	100%
(c)	Date 35% Designed	94 DEC 15
(d)	Date Design Complete	95 JUN 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	25
(b)	All Other Design Costs	10
(c)	Total	35
(d)	Contract	35
(e)	In-house	
(4)	Construction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS - WITHIN THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $400,000 AND UNDER - FY 97	VARIOUS

STATE AND LOCATION PROJECT NUMBER	PROJECT TITLE	COST
COLORADO		
BUCKLEY AIR NATIONAL GUARD BASE		
CRWU949727	UPGRADE SANITARY SEWER SYSTEM	310

Abandons existing leachfield sewer system. Installs sewer infrastructure and replaces unserviceable sewer main. County environmental regulations require the closing of leachfield systems and connection to existing sewer systems. This is a Level I environmental compliance project. (Current Mission)

MINNESOTA		
MINNEAPOLIS ST-PAUL INTERNATIONAL AIRPORT		
QJKL949504	UPGRADE REFUELING VEHICLE MAINTENANCE AND WASHING FACILITY	360

Provides an environmentally safe vehicle washing facility capable of washing oversized vehicles. Also provides a properly sized and environmentally safe refueling vehicle maintenance area. This is a Level II environmental compliance project and includes all utilities, site improvements and support. (Current Mission)

WISCONSIN		
VOLK FIELD AIR NATIONAL GUARD BASE		
YAQF949642	UPGRADE SANITARY SEWER SYSTEM	320

Provides a modern sanitary sewer system, capable of accommodating the volume of sanitary wastes generated by expanded base facilities. This is a level II environmental requirement under the CWA, and includes replacement main lines, lateral lines, and appurtenances and repair of roads, sidewalks, and grounds damaged by excavation during the upgrade. (Current Mission)

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS(UNSPECIFIED)	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	010-000	AAAA949745	$4,725

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN	LS			4,725
SUBTOTAL				4,725
TOTAL CONTRACT COST				4,725
TOTAL REQUEST				4,725
TOTAL REQUEST (ROUNDED)				4,725

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.

REQUIREMENT: The ANG needs planning and design funds for projects to be included in future MILCON programs The FY 96 design funds are needed to complete the design for projects to be included in FY 98 and begin the design for projects to be included in FY 99.

CURRENT SITUATION: The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 98-99 programs. The ANG requires the design money in FY 97 to insure the design milestones for FY 98 and FY 99 as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. In order to preclude a design work stoppage, ANG was forced to reprogramm $5.8 Mil. However, this was only a short term stop gap measure. Additional reprogrammings are anticipated to resolve the shortfall resulting from the appropriated FY 95 MILCON program.

IMPACT IF NOT PROVIDED: The ANG will not be able to execute the FY 97 and FY 98 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
VARIOUS LOCATIONS(UNSPECIFIED)	
4. PROJECT TITLE	5. PROJECT NUMBER
PLANNING AND DESIGN	AAAA949745

Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of County, State, and Federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $4,725,000

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	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS(UNSPECIFIED)	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	999-999	AAAA949744	$4,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS			4,100
SUBTOTAL				4,100
TOTAL CONTRACT COST				4,100
TOTAL REQUEST				4,100
TOTAL REQUEST (ROUNDED)				4,100

10. Description of Proposed Construction: Provides a lump sum for construction projects not otherwise authorized by law. Includes 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.

REQUIREMENT: This program provides the means of accomplishing projects costing over $300,0000 but not exceeding $1,500,000 that are not now identified, but which are anticipated to arise during late Fy 1996, or early FY 97 to satisfy critical, unforeseen and urgent mission or environmental requirements. It would be too late to include these projects in the FY 97 Milcon and these projects cannot wait for inclusion in the FY 98 MILCON.

CURRENT SITUATION: During this period, as the Air Force is cutting back force structure, the ANG is undergoing numerous aircraft conversions and beddowns. These include: conversions from F-15 and F-16 to B-1 at 2 locations; conversion of the F-4G and RF-4C to C-130 at two locations; conversions of the F-16 and RF-4C to KC 135 at 6 locations. Many facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is a management team that arrives on a base selected for a conversion and conducts a program review to insure the conversion is successful and on time. Unforseen and urgent environmental requirements to meet the State and Federal laws are also typical projects that must be accomplished. The funds requested in this budget are not a percent of the

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS(UNSPECIFIED)		
4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		5. PROJECT NUMBER AAAA949744

budget but are based on past history and account for inflation only. Routine and non urgent projects are not funded by this account.
IMPACT IF NOT PROVIDED: Unable to complete the beddowns. Will require formal reprogramming if savings are available. Urgent environmental requirements cannot be satisfied. More expensive workarounds will have to be used.

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $4,100,000

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 $300,000 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.