FY1996 / FY1997
BIENNIAL BUDGET ESTIMATES

AIR NATIONAL GUARD

FY 1996
MILITARY CONSTRUCTION
PROGRAM

Justification Data Submitted to Congress
February 1995

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

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SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 1996

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Alabama	**Birmingham Municipal Airport (ANG)**		
	Alter KC-135 Aircraft Shops	4,400	b - 3
	Dannelly Field (ANG)		
	Fire Station	1,445	b - 8
	Sub-Total Alabama	**5,845**	
Arizona	**Tucson International Airport**		
	Add to and Alter Aircraft Support Equipment Shop	600	b - 13
	Sub-Total Arizona	**600**	
California	**Sepulveda Air National Guard Station**		
	Replace Underground Fuel Storage Tanks	320	b - 175
	Sub-Total California	**320**	
Colorado	**Buckley Air National Guard Base**		
	Base Engineer Pavements and Grounds Facility	450	b - 20
	Upgrade Heating Systems	950	b - 22
	Sub-Total Colorado	**1,400**	
Georgia	**Glynco Air National Guard Station**		
	Replace Underground Fuel Storage Tanks	320	b - 175
	Hunter ANG Station No. 2		
	Replace Underground Fuel Storage Tanks	400	b - 175
	Savannah International Airport		
	Alter Aircraft Maintenance Shops	1,300	b - 31
	Sub-Total Georgia	**2,020**	
Idaho	**Boise Air Terminal (Gowen Field)**		
	Remove Underground Fuel Storage Tanks	320	b - 175
	Sub-Total Idaho	**320**	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Illinois	**Greater Peoria Airport (ANG)**		
	Add to Aircraft Parking Apron	630	b - 38
	Aircraft Deicing Facility	400	b - 176
	Add to and Alter Squadron Operations Facility	970	b - 40
	Alter Aerial Port Training Facility	710	b - 42
	Alter Aircraft Maintenance Shops	1,450	b - 44
	Add to Aircraft Maintenance Hangar	1,200	b - 46
	Sub-Total Illinois	**5,360**	
Kansas	**McConnell Air Force Base**		
	Alter B-1 Squadron Operations Facility	800	b - 50
	Sub-Total Kansas	**800**	
Massachusetts	**Barnes Municipal Airport (ANG)**		
	Vehicle Maintenance Complex	2,000	b - 54
	Worcester ANG Station		
	Add to and Alter Vehicle Maintenance Facility	350	b - 176
	Sub-Total Massachusetts	**2,350**	
Michigan	**Selfridge ANG Base**		
	Upgrade Heating Systems	2,900	b - 61
	Sub-Total Michigan	**2,900**	
Minnesota	**Minneapolis St. Paul International Airport**		
	Aircraft Deicing Facility	400	b - 176
	Upgrade Heating System	780	b - 66
	Sub-Total Minnesota	**1,180**	
New Jersey	**Atlantic City Airport (ANG)**		
	Upgrade Sanitary and Water Systems	650	b - 70
	McGuire Air Force Base		
	Fuel Cell and Corrosion Control Facility	5,700	b - 75
	Warren Grove Range		
	Composite Range Operations Facility	1,100	b - 80
	Sub-Total New Jersey	**7,450**	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
New Mexico	**Kirtland Air Force Base**		
	Alter Aircraft Maintenance Hangar and Shops	900	b - 85
	Composite Engine and NDI Shop	2,700	b - 88
	Aircraft Corrosion Control Facility	1,800	b - 91
	LANTIRN Maintenance Facility	620	b - 94
	Sub-Total New Mexico	**6,020**	
New York	**Hancock Field (ANG)**		
	Composite Medical Training Facility	1,990	b - 98
	Niagara Falls International Airport		
	Upgrade Runway Overrun	1,950	b - 103
	Upgrade Storm Water and Sanitary Sewer System	400	b - 176
	Sub-Total New York	**4,340**	
Ohio	**Blue Ash ANG Station**		
	Replace Underground Fuel Storage Tanks	380	b - 177
	Camp Perry ANG Station		
	Replace Underground Fuel Storage Tanks	320	b - 177
	Rickenbacker Air National Guard Base		
	Replace Underground Fuel Storage Tanks	310	b - 177
	Sub-Total Ohio	**1,010**	
Oklahoma	**Tulsa International Airport**		
	Composite Communications Facility	1,900	b - 113
	Will Rogers World Airport		
	Petroleum Operations Facility	400	b - 177
	Aerial Port Training Facility	2,550	b - 118
	Composite Fire Station	1,950	b - 121
	Sub-Total Oklahoma	**6,800**	
Pennsylvania	**Greater Pittsburg International Airport (ANG)**		
	Fuel Systems Maintenance Facility	5,332	b - 126
	Sub-Total Pennsylvania	**5,332**	
South Dakota	**Joe Foss Field (ANG)**		
	Base Supply Complex	4,000	b - 131
	Sub-Total South Dakota	**4,000**	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
Tennessee	**McGhee Tyson Airport**		
	PMEC School Training Quarters	4,400	b - 136
	Memphis International Airport		
	Add to and Alter Base Engineer Maintenance Complex	990	b - 141
	Add to and Alter Security Police Operations Facility	1,100	b - 144
	Sub-Total Tennessee	**6,490**	
Texas	**Kelly Air Force Base**		
	Upgrade Heating and Cooling Systems	1,400	b - 149
	Sub-Total Texas	**1,400**	
Virginia	**Camp Pendleton Military Reservation**		
	Vehicle Maintenance Complex	2,000	b - 153
	Richmond International Airport (Byrd Field)		
	Add to and Alter F-16 Aircraft Maintenance Complex	2,700	b - 158
	Sub-Total Virginia	**4,700**	
Wisconsin	**Truax Field**		
	Alter Munitions Facilities	670	b - 163
	Sub-Total Wisconsin	**670**	
	SUB-TOTAL INSIDE THE UNITED STATES	**71,307**	
	OUTSIDE THE UNITED STATES		
Puerto Rico	**Puerto Rico IAP**		
	Munitions Maintenance and Storage Complex	3,800	b - 167
	Add to and alter Composite Support Facility	510	b - 170
	Upgrade Security System	1,350	b - 173
	Sub-Total Puerto Rico	**5,660**	
	SUB-TOTAL OUTSIDE THE UNITED STATES	**5,660**	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	SUB-TOTAL -- ALL BASES	**76,967**	
	PLANNING AND DESIGN	4,580	b - 178
	UNSPECIFIED MINOR CONSTRUCTION	4,100	b - 181
	SUB-TOTAL -- SUPPORT COSTS	**8,680**	
	GRAND TOTAL	**85,647**	

SUMMARY PROJECT LIST
AIR NATIONAL GUARD
NEW MISSION VERSUS CURRENT MISSION -- FY 1996

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
Birmingham MAP **AL**	Alter KC-135 Aircraft Shops	4,400	N
Dannelly Field **AL**	Fire Station	1,445	C
Tuscon IAP **AZ**	Add to and Alter Aircraft Support Equipment Shop	600	C
Sepulveda ANGS **CA**	Replace Underground Fuel Storage Tanks	320	C
Buckley ANGB **CO**	Base Engineer Pavements and Grounds Facility	450	C
	Upgrade Heating Systems	950	C
Glynco ANGS **GA**	Replace Underground Fuel Storage Tanks	320	C
Hunter ANGS No. 2 **GA**	Replace Underground Fuel Storage Tanks	400	C
Savannah IAP **GA**	Alter Aircraft Maintenance Shops	1,300	C
Boise Air Terminal (Gowen Field) **ID**	Remove Underground Fuel Storage Tanks	320	C
Greater Peoria AP **IL**	Add to Aircraft Parking Apron	630	N
	Aircraft Deicing Facility	400	N
	Add to and Alter Squadron Operations Facility	970	N
	Alter Aerial Port Training Facility	710	N
	Alter Aircraft Maintenance Shops	1,450	N
	Add to Aircraft Maintenance Hangar	1,200	N
McConnell AFB **KS**	Alter B-1 Squadron Operations Facility	800	N
Barnes MAP **MA**	Vehicle Maintenance Complex	2,000	C
Worcester ANG Station **MA**	Add to and Alter Vehicle Maintenance Facility	350	C
Selfridge ANG Base **MI**	Upgrade Heating Systems	2,900	C
Minneapolis St. Paul IAP **MN**	Aircraft Deicing Facility	400	C
	Upgrade Heating System	780	C
Atlantic City Airport **NJ**	Upgrade Sanitary Water Systems	650	C

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
McGuire AFB **NJ**	Fuel Cell and Corrosion Control Facility	5,700	N
Warren Grove Range **NJ**	Composite Range Operations Facility	1,100	C
Kirtland AFB **NM**	Alter Aircraft Maintenance Hangar and Shops	900	N
	Composite Engine and NDI Shop	2,700	N
	Aircraft Corrosion Control Facility	1,800	C
	LANTIRN Maintenance Facility	620	N
Hancock Field **NY**	Composite Medical Training Facility	1,990	C
Niagara Falls IAP **NY**	Upgrade Runway Overrun	1,950	N
	Upgrade Storm and Sanitary Sewer System	400	C
Blue Ash ANG Station **OH**	Replace Underground Fuel Storage Tanks	380	C
Camp Perry ANG Station **OH**	Replace Underground Fuel Storage Tanks	320	C
Rickenbacker ANGB **OH**	Replace Underground Fuel Storage Tanks	310	C
Tulsa International Airport **OK**	Composite Communications Facility	1,900	C
Will Rogers World Airport **OK**	Petroleum Operations Facility	400	C
	Aerial Port Training Facility	2,550	C
	Composite Fire Station	1,950	C
Greater Pittsburg IAP **PA**	Fuel Systems Maintenance Facility	5,332	N
Joe Foss Field (ANG) **SD**	Base Supply Complex	4,000	C
McGhee Tyson Airport **TN**	PMEC School Training Quarters	4,400	C
Memphis IAP **TN**	Add to and Alter Base Engineer Maintenance Complex	990	C
	Add to and Alter Security Police Operations Facility	1,100	C
Kelly Air Force Base **TX**	Upgrade Heating and Cooling Systems	1,400	C
Camp Pendleton MR **VA**	Vehicle Maintenance Complex	2,000	C
Richmond IAP **VA** (Byrd Field)	Add to and Alter F-16 Aircraft Maintenance Complex	2,700	N
Truax Field **WI**	Alter Munitions Facilities	670	C

LOCATION	PROJECT	COST (000)	NEW OR CURRENT
Puerto Rico IAP **PR**	Munitions Maintenance and Storage Complex	3,800	N
	Add to and Alter Composite Support Facility	510	C
	Upgrade Security System	1,350	N
	PLANNING AND DESIGN	4,580	
	UNSPECIFIED MINOR CONSTRUCTION	4,100	
	TOTAL NEW MISSION	35,612	
	TOTAL CURRENT MISSION	41,355	
	GRAND TOTAL - FY 1996 REQUEST	**85,647**	

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1996

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, $85,647,000 ($249,056,000) to remain available until September 30, 2000 (September 30, 1999)

( ) Individual FY 96 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 programed) 1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	226,436	229,768	76,967	76,546
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				
125.203 Contracts with the private sector	14,422	31,660	24,320	15,775
132.001 Land and structures	243,632	194,058	115,059	101,797
199.001 Total Direct obligations	258,054	225,718	139,379	117,572
Allocation Accounts				
Other services with the private sector				
325.203 Contracts with the private sector	164	675	644	652
332.001 Land and structures	14,153	9,860	9,445	9,538
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 ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BIRMINGHAM MUNICIPAL AIRPORT (ANG), ALABAMA		4. AREA CONSTR COST INDEX 0.77

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force for training.

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

9 Army National Guard Armories, 3 Army Reserve, 1 Marine and Naval Reserve Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
217-712	ALTER KC-135 AIRCRAFT SHOPS	68,100 SF	4,400	DEC 91	MAY 95

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)
171-450	JOINT MEDICAL TRAINING FACILITY (ANG/ARNG)	22,500 SF	2,200
219-944	BASE ENGINEER AND DISASTER PREPAREDNESS FACILITY	21,700 SF	3,850

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
BIRMINGHAM MUNICIPAL AIRPORT (ANG), ALABAMA

11. PERSONNEL STRENGTH AS OF 21 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	316	6	46	264	975	120	855
ACTUAL	287	7	42	238	1,085	146	939

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
106 REF SQ	69	112
117 REF WG	55	50
117 MSS SQ	34	32
117 MNT SQ	236	316
117 TAC HP	50	46
117 LOG SQ	107	99
117 CE SQ	129	123
117 SP SQ	75	58
117 COMMFL	41	46
117 OPS GP	6	4
117 INT SQ	82	78
117 SER FT	30	32
117 STU FT	0	39
117 TAC OL	6	6
117 LOG GP	12	17
117 OPS FT	38	22
117 SPT GP	5	5
TOTALS	975	1,085

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135R Aircraft	9	9
Support Equipment	103	55
Vehicle Equivalents	330	300

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BIRMINGHAM INTERNATIONAL AIRPORT ALABAMA	ALTER KC-135 AIRCRAFT SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51411F	217-712	BRKR919594	$4,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER AIRCRAFT SHOPS	SF	68,100		3,429
GENERAL PURPOSE MAINTENANCE SHOP	SF	21,600	50	(1,080)
AVIONICS AND SURVIVAL EQUIPMENT SHOP	SF	10,700	60	(642)
ORGANIZATIONAL MAINTENANCE SHOP	SF	8,000	45	(360)
WEAPON SYSTEMS MAINTENANCE MANAGEMENT	SF	7,400	45	(333)
SECURITY POLICE AND PHYSICAL FITNESS	SF	6,800	50	(340)
ENGINE AND NDI SHOPS	SF	6,500	60	(390)
CCTV, GRAPHICS, A/V, AND OPS AND TRNG	SF	7,100	40	(284)
SUPPORTING FACILITIES				560
PRE-WIRED WORK STATIONS AND UTILITIES	LS			(560)
SUBTOTAL				3,989
CONTINGENCY (5%)				199
TOTAL CONTRACT COST				4,188
SUPERVISION, INSPECTION AND OVERHEAD (5%)				209
TOTAL REQUEST				4,397
TOTAL REQUEST (ROUNDED)				4,400

10. Description of Proposed Construction: Convert hangar bays into shop areas. Rearrange and construct interior walls. Relocate, upgrade and extend utility systems. Provide fire protection and other exterior support.
Air Conditioning: 200 Tons.

11. REQUIREMENT: 68,100 SF ADEQUATE: 0 SUBSTANDARD: 64,450 SF
PROJECT: Alter KC-135 Aircraft Shops (New Mission).
REQUIREMENT: The base requires adequately sized and properly configured aircraft shops and related administrative areas to support the conversion from RF-4C's to KC-135 aircraft.
CURRENT SITUATION: The base has grossly insufficient hangars and shops to support the KC-135 operations and training requirements. Hangars and aircraft shops are configured to support RF-4C aircraft operations. The RF-4C is a much smaller jet with significantly different facility requirements and shop configurations. To support the conversion to KC-135 aircraft, Hangar 140 was demolished to make way for a new aircraft maintenance hangar and a fuel cell/corrosion control dock. The shops in Hangar 140 were also demolished. The bays in Hangars 141, 142, and 30 are too small to support KC-135 aircraft. The hangars are structurally sound and vacant. The most cost effective solution to satisfy the requirement for aircraft shops is to convert the undersized bays in these hangars into shop space. Temporary workarounds are being used. These include: shipping parts to other locations; the use of leased commercial space on the opposite side of the runway; doing the work on the ramp, weather permitting.
IMPACT IF NOT PROVIDED: Unable to properly maintain the aircraft. Adverse impact on the unit's training and its ability to maintain mission

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BIRMINGHAM INTERNATIONAL AIRPORT ALABAMA

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER KC-135 AIRCRAFT SHOPS	BRKR919594

readiness. Unable to reach full operational capability.
ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that alteration is the most economical alternative.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BIRMINGHAM INTERNATIONAL AIRPORT ALABAMA

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER KC-135 AIRCRAFT SHOPS	BRKR919594

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	91 DEC 18
(b) Percent Complete as of Jan 95	70%
(c) Date 35% Designed	94 AUG 18
(d) Date Design Complete	95 MAY 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	200
(b) All Other Design Costs	115
(c) Total	315
(d) Contract	315
(e) In-house	
(4) Construction Start	96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION DANNELLY FIELD AIR NATIONAL GUARD, ALABAMA		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
730-142	FIRE STATION	10,600 SF	1,445	DEC 92	FEB 95

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
442-758	UPGRADE SUPPLY AND CIVIL ENGINEER FACILITIES	63,800 SF	2,700

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DANNELLY FIELD AIR NATIONAL GUARD ALABAMA	FIRE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	730-142	FAKZ000419	1,445

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FIRE STATION	SF	10,600	110	1,166
SUPPORTING FACILITIES				144
UTILITIES	LS			(55)
PAVEMENTS	LS			(85)
SITE IMPROVEMENTS	LS			(4)
SUBTOTAL				1,310
CONTINGENCY (5%)				66
TOTAL CONTRACT COST				1,376
SUPERVISION, INSPECTION AND OVERHEAD (5%)				69
TOTAL REQUEST				1,445
TOTAL REQUEST (ROUNDED)				1,445

10. Description of Proposed Construction: Concrete foundation and floor slab, steel framed masonry walls and built-up roof. All necessary utilities, access pavements, site improvements and support.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 10,600 SF ADEQUATE: 0 SUBSTANDARD: 2,500 SF
PROJECT: Fire Station (Current Mission).
REQUIREMENT: The base requires an adequately sized and properly configured facility to support fire and crash/rescue operations. This includes apparatus bays, storage space, extinguisher maintenance shop, kitchen and dining area, control room, classroom and administrative areas, and bunkrooms for 24 hour operations.
CURRENT SITUATION: The 1953 vintage fire station is deteriorated beyond economic repair and is much too small to properly accommodate the fire protection vehicles which cannot fit into the undersized apparatus bays. The facility is less than one-fourth of the mimimum required space. The administrative areas are located in another building. The control room cannot be manned 24 hours per day. There are no areas for bedding or adequate personnel accommodations. The roof leaks. The air-conditioning is old and not working properly. The interior and exterior electrical wiring has insufficient capacity. The mechanical systems are antiquated and do not function properly. There are numerous health and safety hazards in the building. A facility expansion is not possible since the building is poorly located. There are insufficient apparatus bays so trucks are parked on the pavement outside of the building exposed to the elements. There have been numerous complaints from the fire crews on the bunk room accommodations. They are grossly inadequate and do not meet minimum health standards for the separations between bunk beds. The

1. COMPONENT	FY 1996 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
FIRE STATION	FAKZ000419

facility does not represent a quality living, work or training space. Upon completion of this project, Building 1205 at 2,500 SF will be demolished.

IMPACT IF NOT PROVIDED: Fire fighting apparatus remains exposed to the weather and accelerates deterioration. Health and safety hazards continue. Hardship on the overall fire protection operations which jeopardizes crash/rescue and fire fighting capabilities.

1. COMPONENT	FY 1996 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
FIRE STATION	FAKZ000419

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 DEC 01
(b)	Percent Complete as of Jan 95	95%
(c)	Date 35% Designed	93 JUL 26
(d)	Date Design Complete	95 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	64
(b)	All Other Design Costs	43
(c)	Total	107
(d)	Contract	107
(e)	In-house	
(4)	Construction Start	96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION TUCSON INTERNATIONAL AIRPORT, ARIZONA		4. AREA CONSTR COST INDEX 0.96

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 pilot training.

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

1 Air Force Base, 1 Naval Reserve Unit, 1 Army Reserve Unit, 1 Army National Guard Unit, 1 Air Force Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
218-712	ADD TO AND ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP	10,000 SF	600	NOV 91	FEB 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 13 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)
442-758	UPGRADE SUPPLY AND VEHICLE MAINTENANCE COMPLEX	83,300 SF	4,000
722-351	UPGRADE DINING HALL	22,100 SF	2,400

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION
TUCSON INTERNATIONAL AIRPORT, ARIZONA

11. PERSONNEL STRENGTH AS OF 10 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1,017	89	915	13	1,664	175	1,489
ACTUAL	814	82	719	13	1,483	145	1,338

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
162	HQTRS	66	58
162	OPS GP	19	19
195	OPS SQ	33	28
152	OPS SQ	24	20
148	OPS FT	51	41
162	OSS	35	28
162	LOG GP	35	32
162	MNT SQ	832	732
162	LOG SQ	150	133
162	SPT GP	7	7
162	SVS FT	39	38
162	CES	158	149
162	MSSQ	84	85
162	COM FT	58	48
162	MED SQ	73	65
	TOTALS	1,664	1,483

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
A-16 A/B Aircraft	71	71
C-26 Aircraft	1	1
Support Equipment	198	206
Vehicle Equivalents	475	475

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TUCSON INTERNATIONAL AIRPORT ARIZONA	ADD TO AND ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	218-712	XHEA001432	$600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP	SF	10,000		500
ADDITION TO AGE SHOP	SF	5,000	70	(350)
ALTER AGE SHOP	SF	5,000	30	(150)
SUPPORTING FACILITIES				40
PAVEMENTS	LS			(25)
UTILITIES	LS			(10)
SITEWORK	LS			(5)
SUBTOTAL				540
CONTINGENCY (5%)				27
TOTAL CONTRACT COST				567
SUPERVISION, INSPECTION AND OVERHEAD (5%)				28
TOTAL REQUEST				595
TOTAL REQUEST (ROUNDED)				600

10. Description of Proposed Construction: Addition: concrete foundation and floor slab, concrete block walls and roof structure. Exterior to match existing. Alteration: interior rearranging of the walls and utility systems.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 10,000 SF ADEQUATE: 0 SUBSTANDARD: 4,533 SF
PROJECT: Add to and Alter Aircraft Support Equipment Shop (Current Mission).
REQUIREMENT: The base requires a properly sized and configured facility to support inspection, maintenance, repair, and servicing of powered ground support equipment in support of the F-16 aircraft. Functional areas include: maintenance bays, tool crib, storage, battery shop, administrative area, paved equipment parking, wash, and paint areas.
CURRENT SITUATION: The shop is not a quality work place. It is grossly undersized, poorly configured and not properly sited. The building is less then 50% of the required size. There is insufficient space for the maintenance and storage of the equipment. There is inadequate space for office and tool storage. The facility is located away from the aircraft parking ramp area in a remote part of the base. The equipment must be transported constantly across the base from the ramp to the AGE maintenance facility on a narrow and congested road. Training opportunities and excessive time are lost in the transportation mode. It does not make operational sense to upgrade the existing shop when space is partially available in Building 32, a vacant general purpose shop. The facility requires some upgrade to make it useable and is properly sited. This will allow the shop to be demolished and the site cleared. The demolition of this facility is important as the site is master planned for

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

TUCSON INTERNATIONAL AIRPORT ARIZONA

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP	XHEA001432

future construction of munitions maintenance and weapons release facilities in accordance with the approved master development plan. Upon completion of this project, Building 48 at 3,420 SF will be demolished.
IMPACT IF NOT PROVIDED: Facility cannot meet the needs of proper maintenance of support equipment for mission accomplishment. Work arounds continue to be utilized, seriously degrading the effectiveness of maintenance and training. Construction of a new munitions storage complex and a weapons release facility is delayed until the function can be permanently relocated. Lost training opportunities.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

TUCSON INTERNATIONAL AIRPORT ARIZONA

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER AIRCRAFT SUPPORT EQUIPMENT SHOP	XHEA001432

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 NOV 26
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	93 APR 15
(d)	Date Design Complete	94 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	30
(b)	All Other Design Costs	22
(c)	Total	52
(d)	Contract	52
(e)	In-house	
(4)	Construction Start	96 MAR

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

1. COMPONENT	FY 1996 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	320	JUN 93	MAY 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
442-758	SUPPLY AND CIVIL ENGINEER FACILITY	10,600 SF	1,800

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

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 ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
219-943	BASE ENGINEER PAVEMENTS AND GROUNDS FACILITY	3,400	SF	450	FEB 92	FEB 94
821-115	UPGRADE HEATING SYSTEMS		LS	950	OCT 93	JUN 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
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	20,200	SF	4,350
832-266	UPGRADE SANITARY SEWER SYSTEM		LS	310
851-147	UPGRADE BASE INFRASTRUCTURE		LS	10,000
871-183	UPGRADE BASE DRAINAGE SYSTEM		LS	1,000

1. COMPONENT ANG	FY 1996 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
AUTHORIZED	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	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR NATIONAL GUARD BASE COLORADO	BASE ENGINEER PAVEMENTS AND GROUNDS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	219-943	CRWU919737	$450

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BASE ENGINEER PAVEMENTS/GROUNDS FACILITY	SF	3,400	85	289
SUPPORTING FACILITIES				120
UTILITIES	LS			(20)
PAVEMENTS	LS			(50)
SITE IMPROVEMENTS	LS			(15)
PRE-WIRED WORK STATIONS	LS			(35)
SUBTOTAL				409
CONTINGENCY (5%)				20
TOTAL CONTRACT COST				429
SUPERVISION, INSPECTION AND OVERHEAD (5%)				21
TOTAL REQUEST				450
TOTAL REQUEST (ROUNDED)				450

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls, and roof system. All utilities, pavements, site improvements, and support.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 3,400 SF ADEQUATE: 0 SUBSTANDARD: 400 SF
PROJECT: Base Engineer Pavements and Grounds Facility (Current Mission).
REQUIREMENT: The Air National Guard is the host at Buckley for the active duty Air Force, Navy Reserves, and Army National Guard. The base requires an adequately sized and properly configured facility that will house the equipment and people necessary for base snow removal and all other daily airfield roads and grounds activities. Functional areas include offices, classroom, material storage, and vehicle storage.
CURRENT SITUATION: The base engineer pavements and grounds section operate from a small temporary building and an outside storage area. Shop and storage areas are almost non-existent. The available area is poorly configured, cluttered and inefficient. The crews must work outside to maintain the equipment. An area for inside training does not exist. Equipment deterioration is accelerating due to exposure to the weather elements. Vehicle failure during sub-zero temperatures has substantially increased and has negatively impacted the snow removal and base support operations. Upon completion of this project, Building 720 at 400 SF will be demolished.
IMPACT IF NOT PROVIDED: Continued deterioration of the equipment will adversely affects the personnel and the mission capability. Increased cost for equipment maintenance and reduced ability to support the flying mission. Very inefficient operation. Forced outside work can lead to personal injuries.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BUCKLEY AIR NATIONAL GUARD BASE COLORADO

4. PROJECT TITLE	5. PROJECT NUMBER
BASE ENGINEER PAVEMENTS AND GROUNDS FACILITY	CRWU919737

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	92 FEB 05
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	93 AUG 11
(d) Date Design Complete	94 FEB 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	22
(b) All Other Design Costs	8
(c) Total	30
(d) Contract	30
(e) In-house	
(4) Construction Start	96 APR

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BUCKLEY AIR NATIONAL GUARD BASE COLORADO	UPGRADE HEATING SYSTEMS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-115	CRWU939853	$950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING SYSTEMS	LS			760
SUPPORTING FACILITIES				100
UTILITIES	LS			(50)
PAVEMENTS	LS			(30)
SITE IMPROVEMENTS	LS			(20)
SUBTOTAL				860
CONTINGENCY (5%)				43
TOTAL CONTRACT COST				903
SUPERVISION, INSPECTION AND OVERHEAD (5%)				45
TOTAL REQUEST				948
TOTAL REQUEST (ROUNDED)				950

10. Description of Proposed Construction: Shutdown of the existing steam distribution system serving the eleven buildings on the east side of the base requires the installation of packaged heating systems. These will be grouped to serve the affected buildings. Provide all required utilities, pavements, site improvements and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a Level II environmental compliance project as a result of the Clean Air Act Amendments of 1990. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 809, 902, and 909 require packaged heating units.

CURRENT SITUATION: The base has a central heating plant which serves eleven buildings through a system of approximately four miles of underground and above ground high temperature hot water lines. The central plant emits excessive concentrations of hazardous air pollutants and criteria pollutants which will put it in violation of air quality emissions standards. The plant is uneconomical to operate and has 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 these leaks. The pipes have friable asbestos insulation. The electrical connections are unsafe. It is uneconomical to upgrade the heating plant to meet air quality standards. The base is in a non-attainment area for Ozone and reasonably available control technology must be used. This project will construct smaller, energy efficient heating units that will meet air emissions standards and will be more economical to operate and maintain. The

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
BUCKLEY AIR NATIONAL GUARD BASE COLORADO	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS	CRWU939853

grouping was determined by an extensive study and economic analysis. Upon completion of this project, Building 903 at 3,036 SF and all appurtenances will be demolished.

IMPACT IF NOT PROVIDED: Larger energy losses. Inadequate heating for eleven buildings. Health and safety hazards. Higher operating costs. Increased personnel costs to operate the heating plant. Environmental hazards associated with deteriorating friable asbestos throughout plant and lines. Violation of the federal and state environmental laws. 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.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BUCKLEY AIR NATIONAL GUARD BASE COLORADO

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS	CRWU939853

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 OCT 22
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 22
(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	12
(c)	Total	32
(d)	Contract	32
(e)	In-house	
(4)	Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION GLYNNCO AIR NATIONAL GUARD STATION, GEORGIA		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 force and traditional guardsmen for 365 days per year.

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

1 Army National Guard, 1 Coast Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	320	NOV 91	JUN 94

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)
442-758	ADD TO AND ALTER BASE SUPPLY WAREHOUSE	11,000 SF	930

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
GLYNNCO AIR NATIONAL GUARD STATION, GEORGIA

11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	50	4	44	2	281	14	267
ACTUAL	52	3	47	2	252	14	238

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
224	JCS SQ	241	218
111	ACP FT	40	34
	TOTALS	281	252

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Comm-Elec Equipment	68	66
Support Equipment	97	95
Vehicle Equivalents	417	452

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION HUNTER ANG STATION, GEORGIA		4. AREA CONSTR COST INDEX 0.84

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician force and traditional guardsmen for 365 days per year.

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

1 Active Duty Army, 2 Air National Guard, 2 Army National Guard, 1 Army Reserve, 1 Naval Reserve, 1 Coast Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	400	NOV 91	JUL 94

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)

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION
HUNTER ANG STATION, GEORGIA

11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	48	4	42	2	299	30	269
ACTUAL	47	4	41	2	239	29	210

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
117 TAC SQ	299	239
TOTALS	299	239

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Comm-Elec Equipment	29	29
Support Equipment	95	86
Vehicle Equivalents	366	425

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION SAVANNAH INTERNATIONAL AIRPORT, GEORGIA		4. AREA CONSTR COST INDEX 0.85

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 Base, 2 Air National Guard, 2 Army National Guard, 1 Army Reserve, 1 Naval Reserve and 1 Coast Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-152	ALTER AIRCRAFT MAINTENANCE SHOPS	63,200 SF	1,300	NOV 91	AUG 94

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	OPERATIONS AND TRAINING FACILITY	6,000 SF	1,200
442-758	BASE SUPPLY AND CIVIL ENGINEER COMPLEX	96,400 SF	9,100
730-142	JOINT ANG/FAA FIRE STATION	11,000 SF	775
730-835	SECURITY POLICE OPERATIONS FACILITY	5,600 SF	1,050

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
SAVANNAH INTERNATIONAL AIRPORT, GEORGIA

11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	24	221	42	998	130	868
ACTUAL	293	23	228	42	1,006	133	873

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
165 AL GP	53	58
165 MSS FT	34	33
165 SVS FT	25	25
165 HOSP	64	64
158 AL SQ	95	105
165 OPS GP	6	7
165 LOG SQ	107	105
165 SP SQ	57	56
165 CE SQ	156	148
165 CMN FT	42	42
165 AP SQ	101	98
165 MNT SQ	168	175
165 CRTC	60	58
165 SUP GP	5	6
165 LOG GP	7	7
165 OSF	18	19
TOTALS	998	1,006

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	8	9
Support Equipment	61	58
Vehicle Equivalents	255	257

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SAVANNAH INTERNATIONAL AIRPORT GEORGIA	ALTER AIRCRAFT MAINTENANCE SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	211-152	XDQU919576	$1,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER AIRCRAFT MAINTENANCE SHOPS	SF	63,200		924
ALTER GENERAL PURPOSE SHOPS	SF	21,600	13	(281)
ALTER ORGANIZATIONAL MAINTENANCE SHOPS	SF	8,000	20	(160)
ALTER SURVIVAL EQUIPMENT SHOP	SF	4,200	25	(105)
ALTER PHOTO LAB	SF	2,100	50	(105)
ALTER MAINTENANCE OFFICES	SF	27,300	10	(273)
SUPPORTING FACILITIES				275
UTILITIES/FIRE SUPRESSION	LS			(100)
ASBESTOS REMOVAL	LS			(75)
PRE-WIRED WORK STATIONS	LS			(100)
SUBTOTAL				1,199
CONTINGENCY (5%)				60
TOTAL CONTRACT COST				1,259
SUPERVISION, INSPECTION AND OVERHEAD (5%)				63
TOTAL REQUEST				1,322
TOTAL REQUEST (ROUNDED)				1,300

10. Description of Proposed Construction: Alteration of interior by upgrading utilities, relocating partitions, providing and extending utilities, replacing floors, wall and ceiling surfaces and altering heating and air conditioning systems. Remove asbestos.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 63,200 SF ADEQUATE: 0 SUBSTANDARD: 63,200 SF
PROJECT: Alter Aircraft Maintenance Shops (Current Mission).
REQUIREMENT: The base requires adequately sized, properly configured and environmentally safe aircraft maintenance shops to support C-130 aircraft. The airlift mission requires functional, energy efficient, aircraft maintenance shops and a control complex to direct aircraft repair, fabrication, calibration, servicing, and administration. A fire supression system that complies with current regulations must be installed.
CURRENT SITUATION: The hangar complex was constructed in the early 1950's. As the type of aircraft has changed, several shops have been added over the years leading to an extremely poor and inefficient interior layout. The facility is structurally safe but does not meet standards. Some shops are poorly configured and need to be relocated and improved. Some shops are too small, while others are too large. The facility does not meet energy conservation standards. There are numerous health and safety hazards. The electrical distribution system must be upgraded to meet higher demand resulting from new equipment that has been installed over the years. Electrical panels and wires are incorrectly sized and do not meet the National Electric Code. Ventilation in the shops is inadequate. Some shops are too hot while others are cold. The administrative areas must be rearranged for a more functional working

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
SAVANNAH INTERNATIONAL AIRPORT GEORGIA	
4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AIRCRAFT MAINTENANCE SHOPS	XDQU919576

environment. The building has interior asbestos that must be removed during construction. The facility does not represent a quality work or training place.

IMPACT IF NOT PROVIDED: Health and safety hazards continue. Increased backlog and inefficient repair of aircraft. Improper training. Decreased operational readiness of the unit and inability to properly maintain aircraft. Higher operating costs.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

SAVANNAH INTERNATIONAL AIRPORT GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AIRCRAFT MAINTENANCE SHOPS	XDQU919576

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 NOV 04
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	93 JAN 14
(d)	Date Design Complete	94 AUG 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	43
(b)	All Other Design Costs	18
(c)	Total	61
(d)	Contract	61
(e)	In-house	
(4)	Construction Start	96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD), IDAHO		4. AREA CONSTR COST INDEX 1.19

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

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

1 Army National Guard Facility, 1 Army Reserve Facility, 1 U. S. Signal Detachment, 1 Army Research Institute and 1 Navy/Marine Corp Reserve

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REMOVE UNDERGROUND FUEL STORAGE TANKS	LS		320	AUG 94	MAY 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
211-111	UPGRADE MAINTENANCE HANGAR	61,000	SF	4,000
211-179	UPGRADE FUEL CELL/CORROSION CONTROL HANGAR AND SHOPS	30,400	SF	1,300

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
BOISE AIR TERMINAL (GOWEN FIELD), IDAHO

11. PERSONNEL STRENGTH AS OF 10 JUN 94

	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	ID ANG	30	28
124	SVF	27	29
124	OPS GP	9	7
124	LOG GP	18	18
124	SPT GP	5	5
124	OSF	43	28
124	MSF	35	35
124	MNT SQ	506	490
124	FLT GP	49	49
124	MED SQ	51	49
190	FLT SQ	63	51
124	CES	128	125
124	SPS	57	51
124	LOG SQ	107	101
189	FT FLT	120	115
124	COM FL	46	40
ID	ANG	30	28
8124	ST FLT	7	49
	TOTALS	1,331	1,298

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-4G Aircraft	30	30
C-26 Aircraft	1	1
Support Equipment	196	196
Vehicle Equivalents	289	361

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION GREATER PEORIA AIRPORT ANG, ILLINOIS		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
113-321	ADD TO AIRCRAFT PARKING APRON	6,900 SY	630	APR 94	JUN 95
116-672	AIRCRAFT DEICING FACILITY	LS	400	APR 94	MAY 95
141-753	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	19,100 SF	970	APR 94	JUL 95
171-873	ALTER AERIAL PORT TRAINING FACILITY	17,000 SF	710	APR 94	JUL 95
211-152	ALTER AIRCRAFT MAINTENANCE SHOPS	36,300 SF	1,450	APR 94	AUG 95
211-173	ADD TO AIRCRAFT MAINTENANCE HANGAR	9,000 SF	1,200	SEP 93	AUG 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)
211-179	FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY	25,400 SF	3,685

1. COMPONENT ANG	FY 1996 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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	ADD TO AIRCRAFT PARKING APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	113-321	JLQN939890	$630

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AIRCRAFT PARKING APRON	SY	6,900	75	518
SUPPORTING FACILITIES				50
SITE IMPROVEMENTS	LS			(50)
SUBTOTAL				568
CONTINGENCY (5%)				28
TOTAL CONTRACT COST				596
SUPERVISION, INSPECTION AND OVERHEAD (5%)				30
TOTAL REQUEST				626
TOTAL REQUEST (ROUNDED)				630

10. Description of Proposed Construction: Reinforced concrete apron and taxiway; tiedowns, pavement painting, apron lighting, asphalt edge around apron. Improve the drainage along the apron.

11. REQUIREMENT: 52,460 SY ADEQUATE: 45,560 SY SUBSTANDARD: 0

PROJECT: Add to Aircraft Parking Apron (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The base requires an adequate apron to park, maintain, and operate the aircraft. The apron must be sized and configured to allow aircraft taxiing, access to maintenance facilities and parking for six aircraft. Two aircraft will be parked in hangar facilities.

CURRENT SITUATION: The parking apron was constructed for fighter aircraft and is not adequate for the larger C-130 aircraft. The parking spaces are configured for F-16's and are too narrow for the much wider wing span of the C-130 aircraft. The interior taxiways were also configured for F-16's and must be widened to allow sufficient wing-tip clearance for taxiing C-130's. Both the length and width of the existing apron must be extended to provide for the wider parking spaces and taxiways. A taxiway must be extended to the crosswind taxiway. Expansion of the apron will require modifications to the apron lighting and stormwater drainage system which runs along the apron.

IMPACT IF NOT PROVIDED: Insufficient space for assigned aircraft. Violation of airfield clearances and operating standards. The six aircraft cannot be parked with the required clearance. The aircraft have to be towed to and from their parking spaces. Degraded training. The squadron cannot reach full operational capability.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AIRCRAFT PARKING APRON	JLQN939890

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 APR 29
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 05
(d)	Date Design Complete	95 JUN 15
(2) Basis:		
(a)	Standard or Definitive Design -	NO
(b)	Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	10
(b)	All Other Design Costs	20
(c)	Total	30
(d)	Contract	30
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	ADD TO AND ALTER SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	141-753	JLQN939874	$970

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER SQUADRON OPERATIONS	SF	19,100		727
ADD TO SQUADRON OPERATIONS	SF	3,100	90	(279)
ALTER SQUADRON OPERATIONS	SF	16,000	28	(448)
SUPPORTING FACILITIES				150
UTILITIES	LS			(10)
PAVEMENTS	LS			(10)
SITE IMPROVEMENTS	LS			(10)
PRE-WIRED WORKSTATIONS	LS			(120)
SUBTOTAL				877
CONTINGENCY (5%)				44
TOTAL CONTRACT COST				921
SUPERVISION, INSPECTION AND OVERHEAD (5%)				46
TOTAL REQUEST				967
TOTAL REQUEST (ROUNDED)				970

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry walls, and roof structure. Alteration: Relocate walls and utilities. Exterior of building to match existing. Provide utilities, pavements and site improvements.
Air Conditioning: 5 Tons.

11. REQUIREMENT: 19,100 SF ADEQUATE: 0 SUBSTANDARD: 16,000 SF
PROJECT: Add to and Alter Squadron Operations Facility (New Mission).
REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. An adequately sized and properly configured squadron operations facility is required for aircrew members, flight planning and management, intelligence, operations office, contingency operations, navigators, flight engineers, load masters, and training.
CURRENT SITUATION: The squadron operations building is configured to support F-16 aircraft, not the C-130 aircraft which have a much different mission. The building requires interior reconfiguration since some rooms are too small while others are too large to meet the needs of the new functions. Training rooms and briefing areas are too small for the larger sized aircrews. Provisions for classified briefings are not adequate. No rooms exists for navigators, flight engineers, or load masters.
IMPACT IF NOT PROVIDED: The mission cannot be accomplished without violating the security of classified plans. Unable to reach full operational capability. Severely crowded space impacts negatively on training and readiness. Inefficient operations. The additional crew members will have to be housed in leased trailers.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER SQUADRON OPERATIONS FACILITY	JLQN939874

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	94 APR 29
(b) Percent Complete as of Jan 95	40%
(c) Date 35% Designed	94 DEC 05
(d) Date Design Complete	95 JUL 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	48
(b) All Other Design Costs	20
(c) Total	68
(d) Contract	68
(e) In-house	
(4) Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	ALTER AERIAL PORT TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	171-873	JLQN939877	$710

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER AERIAL PORT TRAINING FACILITY	SF	17,000		591
AERIAL PORT TRAINING FACILITY	SF	11,200	45	(504)
EQUIPMENT STORAGE	SF	5,800	15	(87)
SUPPORTING FACILITIES				50
PRE-WIRED WORK STATIONS	LS			(50)
SUBTOTAL				641
CONTINGENCY (5%)				32
TOTAL CONTRACT COST				673
SUPERVISION, INSPECTION AND OVERHEAD (5%)				34
TOTAL REQUEST				707
TOTAL REQUEST (ROUNDED)				710

10. Description of Proposed Construction: Remove, relocate, and replace interior walls, doors, frames, and hardware; upgrade utility systems and fire protection; provide mechanical and electrical systems, cabinetry and storage bins. Remove exterior aircraft hangar doors and replace with warehouse doors.
Air Conditioning: 25 Tons.

11. REQUIREMENT: 17,000 SF ADEQUATE: 0 SUBSTANDARD: 17,000 SF
PROJECT: Alter Aerial Port Training Facility (New Mission).
REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The base requires a facility for air cargo preparation training and administration of an aerial port squadron in support of C-130 aircraft. The facility must have cranes for movement of heavy loads, a parachute drying tower, parachute sewing, repair and storage areas. Space is also required for the storage of support equipment.
CURRENT SITUATION: The fuel system maintenance hangar is sized for fighter aircraft. The two maintenance bays are too small for the C-130 and excess to the need. The aerial port training facility is required to be located adjacent to the aircraft apron, the maintenance bays lend themselves to aerial port functions with modifications.
IMPACT IF NOT PROVIDED: Unable to train newly assigned aerial port personnel. Equipment exposed to the elements suffer accelerated deterioration. Aerial delivery loads will not be available to train combat crews. Reduced mission capability.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AERIAL PORT TRAINING FACILITY	JLQN939877

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 APR 29
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	95 JAN 01
(d)	Date Design Complete	95 JUL 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	40
(b)	All Other Design Costs	16
(c)	Total	56
(d)	Contract	56
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	ALTER AIRCRAFT MAINTENANCE SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	211-152	JLQN939871	$1,450

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER AIRCRAFT MAINTENANCE SHOPS	SF	36,300	35	1,271
SUPPORTING FACILITIES				45
UTILITIES	LS			(45)
SUBTOTAL				1,316
CONTINGENCY (5%)				66
TOTAL CONTRACT COST				1,382
SUPERVISION, INSPECTION AND OVERHEAD (5%)				69
TOTAL REQUEST				1,451
TOTAL REQUEST (ROUNDED)				1,450

10. Description of Proposed Construction: Relocate interior walls, relocate and extend utilities, and provide fire protection. All utilities and support included.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 36,300 SF ADEQUATE: 0 SUBSTANDARD: 36,300 SF
PROJECT: Alter Aircraft Maintenance Shops (New Mission).
REQUIREMENT: This project is required to support the conversion from 15 F-16 to 8 C-130 aircraft. Maintenance shops must be modified to accommodate changes in aircraft requirements. The shops are configured for F-16 equipment which is entirely different from that required for C-130 aircraft. This project will modify the weapons release and avionics shops to satisfy deficiencies in the general purpose and organizational maintenance shops. It will also alter general purpose shop space to allow the new support equipment to be installed.
CURRENT SITUATION: Aircraft maintenance shops are not properly sized or configured to provide adequate space for maintenance support to the C-130 aircraft. The weapons release shop function is no longer necessary for the C-130 aircraft. The avionics and engine shops are also different. The C-130 needs a propeller shop. This project will rearrange and reconfigure the shops for C-130 operations.
IMPACT IF NOT PROVIDED: Adequate maintenance cannot be provided for the C-130 aircraft. Degradation of operations; inefficient training and loss of training mandays; unit is unable to meet full operational capability. Aircraft may not be properly maintained.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AIRCRAFT MAINTENANCE SHOPS	JLQN939871

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 APR 29
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 10
(d)	Date Design Complete	95 AUG 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	72
(b)	All Other Design Costs	45
(c)	Total	117
(d)	Contract	117
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREATER PEORIA AIRPORT ANG ILLINOIS	ADD TO AIRCRAFT MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	211-173	JLQN939872	$1,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AIRCRAFT MAINTENANCE HANGAR	SF	9,000	105	945
SUPPORTING FACILITIES				155
UTILITIES	LS			(25)
PAVEMENTS	LS			(20)
SITE IMPROVEMENTS	LS			(10)
FIRE SUPPRESSION SYSTEM	LS			(100)
SUBTOTAL				1,100
CONTINGENCY (5%)				55
TOTAL CONTRACT COST				1,155
SUPERVISION, INSPECTION AND OVERHEAD (5%)				58
TOTAL REQUEST				1,213
TOTAL REQUEST (ROUNDED)				1,200

10. Description of Proposed Construction: Construct an addition to the maintenance hangar to fully enclose the aircraft. Provide all necessary utilities, pavements, site improvements, fire protection, and support. Upgrade hangar floor to permit aircraft jacking. Modify hangar floor drainage system.

11. REQUIREMENT: As required.

PROJECT: Add to Aircraft Maintenance Hangar (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The unit requires a maintenance hangar which entirely encloses the C-130 aircraft to perform maintenance on the aircraft and its systems.

CURRENT SITUATION: The base does not have a hangar that can accommodate the C-130 aircraft. The present hangar is sized for the F-16, a much smaller aircraft. The C-130 cannot fit inside. The proposed extension is sized to cover the tail assembly of the larger C-130. Additional modifications are needed to make the hangar functionally adequate to perform maintenance on the new aircraft. These include extending the fire suppression system, installing reinforced jacking points, and relocating the existing floor drainage system.

IMPACT IF NOT PROVIDED: Unable to perform aircraft maintenance in a controlled environment. Severely degraded mission support. Unable to properly convert to the C-130 aircraft. Aircraft maintenance is accomplished outside on the ramp even in times of inclement weather. Violation of safety rules and technical orders could result in an improperly maintained aircraft.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

GREATER PEORIA AIRPORT ANG ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AIRCRAFT MAINTENANCE HANGAR	JLQN939872

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 SEP 20
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 10
(d)	Date Design Complete	95 AUG 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	50
(b)	All Other Design Costs	25
(c)	Total	75
(d)	Contract	75
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	ALTER B-1 SQUADRON OPERATIONS FACILITY	47,100 SF	800	SEP 93	JUN 95

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)
211-179	B-1 FUEL SYSTEMS MAINTENANCE HANGAR	31,000 SF	5,356

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCCONNELL AIR FORCE BASE KANSAS	ALTER B-1 SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51628F	141-753	PRQE929911	$800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER B-1 SQUADRON OPERATIONS FACILITY	SF	47,100	12	565
SUPPORTING FACILITIES				160
PRE-WIRED WORK STATIONS	LS			(115)
EMERGENCY BACKUP POWER	LS			(45)
SUBTOTAL				725
CONTINGENCY (5%)				36
TOTAL CONTRACT COST				761
SUPERVISION, INSPECTION AND OVERHEAD (5%)				38
TOTAL REQUEST				799
TOTAL REQUEST (ROUNDED)				800

10. Description of Proposed Construction: Relocate walls and utilities. Install a secure storage vault with reinforced concrete walls and ceiling. Install emergency power. Upgrade the heating, ventilation, and air conditioning system. Improve fire detection system.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 47,100 SF ADEQUATE: 0 SUBSTANDARD: 47,100 SF
PROJECT: Alter B-1 Squadron Operations Facility (New Mission).
REQUIREMENT: This project supports the conversion from F-16 to the B-1 aircraft. The base requires a properly configured and secure area to perform the new mission. Adequate climate control is required throughout the facility. Emergency back-up electrical power is required to insure that critical items in the combat training area remain operational when commercial power to the facility fails.
CURRENT SITUATION: The squadron operations space is not properly configured for full-time and part-time B-1 flight crews. The facility is configured to support the training of a single seat F-16 fighter aircraft. There are no secure working and storage areas for the mission areas. Some of the rooms are too large while others are too small. There are insufficient crew briefing rooms. The building does not have emergency back-up power. The building does not have a classified storage area in which to train and to store operational data such as charts, maps, and computer tapes. The climate control system does not function well and is not adequate for the new room configuration and equipment and personnel.
IMPACT IF NOT PROVIDED: Unable to properly train the aircrews for the new B-1 mission. Possible compromise of security. Unable to achieve full operational capability. Decrease in readiness. The crews will receive insufficient training and that will place them at risk.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MCCONNELL AIR FORCE BASE KANSAS

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER B-1 SQUADRON OPERATIONS FACILITY	PRQE929911

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 SEP 20
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 01
(d)	Date Design Complete	95 JUN 15
(2) Basis:		
(a)	Standard or Definitive Design -	NO
(b)	Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	36
(b)	All Other Design Costs	27
(c)	Total	63
(d)	Contract	63
(e)	In-house	
(4)	Construction Start	96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-425	VEHICLE MAINTENANCE COMPLEX	14,700 SF	2,000	AUG 93	AUG 94

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)
442-758	BASE SUPPLY COMPLEX	30,000 SF	4,400
722-351	DINING HALL	15,000 SF	2,800
821-116	UPGRADE HEATING DISTRIBUTION SYSTEM	LS	740
871-183	UPGRADE STORM DRAINAGE SYSTEM	LS	320
880-232	BASEWIDE FIRE ALARM SYSTEM	LS	380

1. COMPONENT ANG	FY 1996 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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS	VEHICLE MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	214-425	AXQD899748	$2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
VEHICLE MAINTENANCE COMPLEX	SF	14,700		1,453
VEHICLE MAINTENANCE SHOP	SF	9,200	115	(1,058)
COVERED STORAGE	SF	4,000	50	(200)
REFUELER VEHICLE SHOP	SF	1,500	130	(195)
SUPPORTING FACILITIES				367
UTILITIES	LS			(80)
PAVEMENTS AND SITE IMPROVEMENTS	LS			(100)
RELOCATE BUILDING 32	SF	4,350	13	(57)
RELOCATE VEHICLE REFUELING STATION	LS			(100)
PRE-WIRED WORK STATIONS	LS			(30)
SUBTOTAL				1,820
CONTINGENCY (5%)				91
TOTAL CONTRACT COST				1,911
SUPERVISION, INSPECTION AND OVERHEAD (5%)				96
TOTAL REQUEST				2,007
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and roof structure. Includes pavements, utilities, and site improvements. Relocate pre-engineered metal building for vehicle storage.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 14,700 SF ADEQUATE: 0 SUBSTANDARD: 6,186 SF
PROJECT: Vehicle Maintenance Complex (Current Mission).
REQUIREMENT: The base requires a properly sized and adequately configured vehicle maintenance complex to include administrative offices, shops, bench stock, tool room, and storage to perform periodic inspections, repairs, and maintenance to the base vehicle fleet and special purpose vehicles and equipment, such as snow plows and refuelers. Facilities require compliance with health and safety codes and standards for hazardous work areas for handling fuel system and batteries and environmental regulations for the storage and disposal of lubricants, oils, batteries, and acids. Hydraulic lifts are required for regular and special purpose vehicles. An enclosed heated space is required to wash vehicles in severe cold weather and to store vehicles from inclement weather.
CURRENT SITUATION: The facilities are grossly undersized. There is no vehicle washing area or a bay to service snow plows or fire fighting equipment. The building electrical system does not comply with hazardous criteria required by the National Electrical Code. Some areas that require explosion proof fixtures do not have them. Large vehicles, such as the refueler, snowplows, and fire trucks cannot fit in the maintenance bays. These must be maintained in a parking area outside, including winter weather conditions. Vehicle administration is located in building

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	AXQD899748

4. This is an ex-fire station facility now into forced use as temporary space. There is no covered storage for vehicles. Building 32 used for inert munitions storage will be relocated to provide vehicle storage. This is a structurally sound pre-engineered metal building that can be relocated and converted to vehicle storage. Upon completion of this project the following will be demolished: Building 4 at 2,580 SF; building 5 at 300 SF; and building 6 at 3,306 SF for a total of 6,186 SF. IMPACT IF NOT PROVIDED: Unable to comply with health and safety codes. The level of personnel training continues uncoordinated and piecemeal without sufficient space to support the daily requirements. Refueler maintenance is accomplished outside in a parking lot in violation of safety and environmental codes. Lack of adequate facilities affects morale, recruiting, and operational readiness. Unit is unable to provide a reasonable level of maintenance to special equipment required for fire fighting and snow plowing of the airfield and roads. Improperly maintained vehicles breakdown often and cost more to operate. ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	AXQD899748

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	93 AUG 16
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	94 MAR 30
(d) Date Design Complete	94 AUG 29
(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	100
(b) All Other Design Costs	60
(c) Total	160
(d) Contract	160
(e) In-house	
(4) Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
WORCESTER ANG STATION MASSACHUSETTS

11. PERSONNEL STRENGTH AS OF 10 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	64	0	12	52	394	38	356
ACTUAL	58	0	9	49	388	37	351

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
101 TCS SQ	244	230
212 EIS SQ	150	158
TOTALS	394	388

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	121	105
Vehicle Equivalents	455	435

1. COMPONENT	FY 1996 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	

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	18
C-26B Aircraft	1	1
C-130E	8	3
Support Equipment	209	201
Vehicle Equivalents	902	839

1. COMPONENT	FY 1996 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	VGLZ929902	$2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING SYSTEMS	LS			2,217
SUPPORTING FACILITIES				430
UTILITIES	LS			(250)
PAVEMENTS	LS			(120)
SITE IMPROVEMENTS	LS			(60)
SUBTOTAL				2,647
CONTINGENCY (5%)				132
TOTAL CONTRACT COST				2,779
SUPERVISION, INSPECTION AND OVERHEAD (5%)				139
TOTAL REQUEST				2,918
TOTAL REQUEST (ROUNDED)				2,900

10. Description of Proposed Construction: The shutdown of the existing steam distribution system serving the remaining ten buildings on the east 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 exceed 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 117, 118, 120, 124, 126, 127, 128, 129, 130, and 140 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 ten 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 do not meet required emission control technology and are uneconomical to operate. The plant emissions do not meet federal and state air quality standards. 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. Rain water runoff from the coal storage piles cause pollution of the groundwater. It is uneconomical to upgrade the heating plant to meet air quality standards. The base is in a non-attainment area for

1. COMPONENT	FY 1996 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	VGLZ929902

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 APR 14
(b)	Percent Complete as of Jan 95	35%
(c)	Date 35% Designed	94 DEC 15
(d)	Date Design Complete	95 JUN 30
(2) Basis:		
(a)	Standard or Definitive Design -	NO
(b)	Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	145
(b)	All Other Design Costs	50
(c)	Total	195
(d)	Contract	195
(e)	In-house	
(4)	Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
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, four nights per week for night flying by aircrew members, and for other 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, 1 Naval Air Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
116-672	AIRCRAFT DEICING FACILITY	LS	400	FEB 94	MAR 95
821-115	UPGRADE HEATING SYSTEM	LS	780	MAR 94	FEB 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 31 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)
214-467	UPGRADE REFUELING VEHICLE SHOP AND VEHICLE WASHING FACILITY	2,600 SF	360

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

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

11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	321	37	247	37	1,369	222	1,147
ACTUAL	311	37	240	34	1,360	216	1,144

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
133	SVF	43	36
133	OPS GP	6	6
133	LOG GP	7	8
133	SUP GP	5	5
133	OPS FT	20	19
133	ALCNFT	14	12
133	AW	51	47
109	AS	95	98
133	MNT SQ	183	176
133	MSF	34	34
133	MS	73	62
109	AES	131	137
133	COM FT	37	37
237	ATCF	68	58
208	WEA FT	25	25
133	CES	112	144
133	APS	101	91
133	SPS	57	53
133	LOG SQ	107	101
210	EIS	38	35
HQ	MNANG	162	138
1833	STU FT	0	38
	TOTALS	1,369	1,360

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130E Aircraft	8	8
Support Equipment	169	161
Vehicle Equivalents	452	489

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINNEAPOLIS ST PAUL INT'L APT MINNESOTA	UPGRADE HEATING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-115	QJKL949506	$780

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING SYSTEM	LS			600
SUPPORTING FACILITIES				110
ASBESTOS REMOVAL	LS			(85)
SITE RESTORATION & UTILITIES	LS			(25)
SUBTOTAL				710
CONTINGENCY (5%)				36
TOTAL CONTRACT COST				746
SUPERVISION, INSPECTION AND OVERHEAD (5%)				37
TOTAL REQUEST				783
TOTAL REQUEST (ROUNDED)				780

10. Description of Proposed Construction: Shutdown of the existing steam boiler and distribution system will require replacement with a new hydronic heating system, peripherals, and a distribution system. Provide asbestos removal, site restoration, and utilities.

11. REQUIREMENT: As required.
PROJECT: Upgrade Heating System (Current Mission).
REQUIREMENT: This is a Level II environmental compliance requirement. This project will provide a heating system which is energy efficient and meets applicable clean air requirements mandated by the Clean Air Act Amendment of 1990. Buildings 684 and 686 require packaged heating units.
CURRENT SITUATION: The base has a central heating plant which serves four buildings through an underground steam distribution system. The old boilers do not meet federal and state air quality emission standards. There are numerous health and safety violations, including friable asbestos insulation. The lines serving the buildings are old, corroded, poorly insulated, and need to be replaced. There are numerous leaks and substantial losses of energy through these leaks. These leaks also allow the chemically treated boiler water to enter the ground. The electrical connections are old and unsafe. It is uneconomical to upgrade the heating plant to meet air quality standards. The plant must be operated thoughout the year to allow the production of hot water to the various buildings. This project will provide smaller, energy efficient heating units that will meet air emission standards and will be more economical to operate and maintain. The base is in a non-attainment area for Oxides.
IMPACT IF NOT PROVIDED: Violation of state and federal air and ground water environmental laws. Large energy losses. Health and safety hazards. Higher operating costs.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MINNEAPOLIS ST PAUL INT'L APT MINNESOTA

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEM	QJKL949506

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	94 MAR 18
(b) Percent Complete as of Jan 95	95%
(c) Date 35% Designed	94 JUL 14
(d) Date Design Complete	95 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	36
(b) All Other Design Costs	20
(c) Total	56
(d) Contract	56
(e) In-house	
(4) Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY		4. AREA CONSTR COST INDEX 1.20

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 Army National Guard Armories, 1 Coast Guard Training Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
840-000	UPGRADE SANITARY AND WATER SYSTEMS	LS	650	APR 94	MAY 95

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)
171-447	TELECOMMUNICATION AND SECURITY POLICE FACILITY	13,000 SF	2,200
422-264	STORAGE IGLOOS	6,400 SF	1,100

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY

11. PERSONNEL STRENGTH AS OF 30 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	337	4	50	283	1,037	104	933
ACTUAL	337	4	50	283	995	100	895

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
177 FG	74	65
119 FS	38	39
177 MSQ	385	356
177 LSQ	107	99
177 COM	43	41
177 MSS FT	34	32
177 CES	140	155
177 SPS	85	88
177 MED SQ	55	52
177 SVF	30	25
177 OPS GP	3	2
177 LGS GP	16	15
177 SPT GP	5	5
177 OPS FT	22	21
TOTALS	1,037	995

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	23
(Converting to C Model 95/2)	0	0
Support Equipment	115	103
Vehicle Equivalents	267	293

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ATLANTIC CITY INTERNATIONAL AIRPORT NEW JERSEY	UPGRADE SANITARY AND WATER SYSTEMS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	840-000	AQRC949677	$650

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE SANITARY AND WATER SYSTEMS	LS			540
EXTEND WATER LINES	LS			(300)
EXTEND SANITARY SEWER LINES	LS			(100)
CONSTRUCT COVERED VEHICLE WASHRACK	LS			(140)
SUPPORTING FACILITIES				50
PAVEMENTS	LS			(10)
SITE IMPROVEMENTS	LS			(40)
SUBTOTAL				590
CONTINGENCY (5%)				30
TOTAL CONTRACT COST				620
SUPERVISION, INSPECTION AND OVERHEAD (5%)				31
TOTAL REQUEST				651
TOTAL REQUEST (ROUNDED)				650

10. Description of Proposed Construction: Install 3,200 LF of potable water lines. Install 8,000 LF of sanitary sewer system. Construct a covered vehicle washrack area. Provide pavements and site improvements.

11. REQUIREMENT: As required.

PROJECT: Upgrade Potable Water and Sanitary Sewer System (Current Mission).

REQUIREMENT: This is a Level I environmental requirement. The base requires environmentally safe drinking water and sanitary sewer systems to comply with 57 FR 31776, which is promulgating maximum contaminant level goals and national drinking water regulations for organic and inorganic chemicals, the State of New Jersey 7.10 Safe Drinking Water Act, and the State of New Jersey 7.9A Standards for Individual Subsurface Sewage Disposal Systems.

CURRENT SITUATION: The munitions storage and the F-16 alert areas are not contiguous to the main base and have inadequate drinking water and sewer systems. They have six septic tanks to dispose of the sewage while the rest of the base is connected to the city sanitary treatment plant. The septic tanks are old and do not work properly. There have been frequent repairs and malfunctions. Temporary facilities have had to be used frequently until the system can be made to work again. This project will connect the area to the rest of the base and the septic tanks can be removed. The areas also have their own water wells. Water quality fluctuates and frequently does not meet state drinking water quality standards. The well water is treated but this is insufficient to remove the impurities. Tests show high copper content in some of the buildings. This project proposes the connection of the water line to the nearby Federal Aviation Administration system which has a water treatment plant.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ATLANTIC CITY INTERNATIONAL AIRPORT NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE SANITARY AND WATER SYSTEMS	AQRC949677

The base also does not have an area for performimg corrosion control on oversized vehicles. The work is being done in parking lots and inside hangars. Vehicle wash water containing detergent and grease/oils is not being properly contained and treated.

IMPACT IF NOT PROVIDED: Unable to comply with federal and state clean water environmental requirements. Unable to comply with state drinking water and sewage disposal standards. The state may fine the base. The Air National Guard could receive unfavorable publicity.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

ATLANTIC CITY INTERNATIONAL AIRPORT NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE SANITARY AND WATER SYSTEMS	AQRC949677

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	94 APR 05
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 NOV 30
(d)	Date Design Complete	95 MAY 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	35
(b)	All Other Design Costs	18
(c)	Total	53
(d)	Contract	53
(e)	In-house	
(4)	Construction Start	96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	FUEL CELL AND CORROSION CONTROL FACILITY	29,400 SF	5,700	OCT 92	FEB 95

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	ALTER SQUADRON OPERATIONS FACILITY	26,400 SF	750
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
219-944	COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY	24,000 SF	3,250
871-183	INDUSTRIAL WASTE TREATMENT FACILITY	LS	750

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCGUIRE AIR FORCE BASE NEW JERSEY	FUEL CELL AND CORROSION CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51411F	211-179	PTFL949564	$5,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL SYSTEMS MAINTENANCE DOCK	SF	29,400		4,271
FUEL SYSTEMS MAINTENANCE DOCK	SF	23,800	150	(3,570)
FUEL SYSTEMS SHOPS	SF	2,500	125	(313)
CORROSION CONTROL SHOPS	SF	1,500	125	(188)
MEDIA STRIPPING AREA	SF	1,600	125	(200)
SUPPORTING FACILITIES				900
UTILITIES	LS			(250)
PAVEMENTS	LS			(200)
SITE IMPROVEMENTS	LS			(100)
FIRE SUPPRESSION	LS			(350)
SUBTOTAL				5,171
CONTINGENCY (5%)				259
TOTAL CONTRACT COST				5,430
SUPERVISION, INSPECTION AND OVERHEAD (5%)				272
TOTAL REQUEST				5,702
TOTAL REQUEST (ROUNDED)				5,700

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; structural steel and masonry with insulated panel walls and roof structure. All utilities, access pavements, fire suppression, and support.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 48,900 SF ADEQUATE: 19,500 SF SUBSTANDARD: 0
PROJECT: Fuel Cell and Corrosion Control Facility (New Mission).
REQUIREMENT: The project supports the conversion of F-16 to KC-135 aircraft and the consolidation of the two squadrons and two locations into one squadron and one location. The facility is needed to provide control of fugitive paint and volatile and abrasive particulates, in compliance with New Jersey environmental regulation Title 7, Chapter 27, Air Pollution control for Emission of VOC and Fugitive Paint, and the Federal Clean Air Act of 1990. Both the act and the regulation prohibit practices that allow particulates to become airborne. Functional areas include fuel cell hangar, bladder repair shop, and associated support shop areas which must meet air quality control standards. Additionally, secondary containment is needed to meet spill containment requirements in accordance with 40 CFR 122.6. In the associated support shop areas, paint stripping and blasting operations require controlled containment in a centralized area that complies with proper environmental air quality and controls.
CURRENT SITUATION: The unit has only one facility to perform fuel cell maintenance and corrosion control on 19 KC-135 aircraft. This has been found to be grossly inadequate. Weather conditions and environmental regulations mandate that fuel cell maintenance be performed indoors since it requires that the aircraft have fuel bladders and cells open for a considerable time. The work is now being performed in a hangar and on the

1. COMPONENT	FY 1996 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
FUEL CELL AND CORROSION CONTROL FACILITY	PTFL949564

ramp, weather permitting. Both locations are violations of aircraft technical orders. The ramp does not have the proper containment for fuel spills, which is in violation of Federal and State spill containment standards. Fuel on the ramp is washed down and ends up in the nearby stream which runs off base. The building does not have explosion proof fixtures, volatile organic carbon extraction system, or a containment drain to collect fuel. Upon completion of this project, the following buildings will be returned to the host base for disposition: 19-30, 19-31,19-32, and 19-37 totaling 31,690 SF.

IMPACT IF NOT PROVIDED: Fuel cell maintenance and corrosion control is not being performed on time. The unit operational readiness is degraded. Compliance with Federal and State environmental regulations are not met subjecting the unit to fines and notices of violations. Inadequate maintenance and inadequate training. The Air Force and Air National Guard could receive unfavorable publicity if a fuel spill is not contained.

ADDITIONAL: As a result of BRAC 93 reallignment, all facilities are being fully utilized. An exception to the economic analysis requirement has been prepared for this project showing that there is no alternative other than new construction.

1. COMPONENT	FY 1996 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
FUEL CELL AND CORROSION CONTROL FACILITY	PTFL949564

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 OCT 10
(b)	Percent Complete as of Jan 95	95%
(c)	Date 35% Designed	94 JUN 01
(d)	Date Design Complete	95 FEB 28
(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	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION WARREN GROVE RANGE, NEW JERSEY		4. AREA CONSTR COST INDEX 1.15

5. FREQUENCY AND TYPE OF UTILIZATION

Two unit training assemblies per month, 15 days annual training per year, daily use by military members, DoD agencies, and supports the NJARNG night flying activities.

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

Fort Dix 20 miles, US Naval Air Engineering Center, Lakehurst, NJ 20 miles.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
179-481	COMPOSITE RANGE OPERATIONS FACILITY	8,625 SF	1,100	NOV 91	AUG 94

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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
WARREN GROVE RANGE, NEW JERSEY

11. PERSONNEL STRENGTH AS OF 12 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	11	2	9	0	11	2	9
ACTUAL	11	2	9	0	11	2	9

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
DET1 HQ WGR	11	11
TOTALS	11	11

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	0	0
Vehicle Equivalents	29	29

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WARREN GROVE RANGE NEW JERSEY	COMPOSITE RANGE OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	179-481	YKSX919683	$1,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE RANGE OPERATIONS FACILITY	SF	8,625		860
RANGE OPERATIONS	SF	3,300	105	(347)
VEHICLE OPERATIONS	SF	2,500	100	(250)
VEHICLE MAINTENANCE	SF	1,600	100	(160)
SUPPLY STORAGE	SF	1,000	80	(80)
TRAINING AREA	SF	225	100	(23)
SUPPORTING FACILITIES				150
UTILITIES/PAVEMENTS/SITE IMPROVEMENTS	LS			(95)
REPLACE UNDERGROUND FUEL STORAGE TANKS	LS			(25)
PRE-WIRED WORK STATIONS	LS			(30)
SUBTOTAL				1,010
CONTINGENCY (5%)				51
TOTAL CONTRACT COST				1,061
SUPERVISION, INSPECTION AND OVERHEAD (5%)				53
TOTAL REQUEST				1,114
TOTAL REQUEST (ROUNDED)				1,100

10. Description of Proposed Construction: Reinforced concrete foundations, floor slabs, steel frame and roof, paved access, fire protection, and all necessary utilities and support. Replace underground storage tanks.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 8,625 SF ADEQUATE: 0 SUBSTANDARD: 4,732 SF
PROJECT: Composite Range Operations Facility (Current Mission).
REQUIREMENT: This range, although operated by the Air National Guard, is used by the Total Force and is one of the few bombing ranges on the east coast. The range requires a properly sized and configured facility to support the range operations. Functional areas include: vehicle maintenance, vehicle operations, supply storage and range operations.
CURRENT SITUATION: Range operations are split between a leased temporary facility and a very small WWII quonset hut. Vehicle maintenance is performed in a facility not designed for this type of operation. Both operations and maintenance activities are done in extremely small areas not appropriate for the needs. All the facilities have outlived their economic life. They are poorly insulated and grossly undersized. There are health and safety hazards. Effective command and control of the range operation does not exist. The facilities do not represent quality work areas. The range is manned by two officers and nine enlisted personnel and is extensively used on weekdays and also on weekends. This range provides training and operational capabilities to the Defense Department at a low operational cost. Upon completion of this project, the following will be demolished: Building 2 at 882 SF and Building 15 at 88 SF. Temporary facility lease will be terminated.
IMPACT IF NOT PROVIDED: Ineffective command and control of range

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
WARREN GROVE RANGE NEW JERSEY	
4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE RANGE OPERATIONS FACILITY	YKSX919683

operation could result in an accident. The split operation will continue. Higher operating costs and loss of training opportunities. Poor facility conditions could effect personel who are controlling the training aircraft over the range.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

WARREN GROVE RANGE NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE RANGE OPERATIONS FACILITY	YKSX919683

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 NOV 22
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	93 DEC 12
(d)	Date Design Complete	94 AUG 09
(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	45
(b)	All Other Design Costs	25
(c)	Total	70
(d)	Contract	70
(e)	In-house	
(4)	Construction Start	96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION KIRTLAND AIR FORCE BASE, NEW MEXICO		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-111	ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS	32,200 SF	900	MAR 91	AUG 94
211-157	COMPOSITE ENGINE AND NDI SHOP	24,600 SF	2,700	AUG 91	JAN 95
211-159	AIRCRAFT CORROSION CONTROL FACILITY	11,300 SF	1,800	NOV 91	FEB 95
217-713	LANTIRN MAINTENANCE FACILITY	5,300 SF	620	NOV 91	FEB 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
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	2,900
442-758	ADD TO AND ALTER BASE	41,000 SF	1,950

1. COMPONENT ANG	FY 1996 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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE NEW MEXICO	ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	211-111	MHMV899520	$900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER MAINTENANCE HANGAR AND SHOPS	SF	32,200		445
ALTER MAINTENANCE HANGAR	SF	24,000	10	(240)
ALTER GENERAL PURPOSE SHOPS	SF	4,200	25	(105)
ALTER ORGANIZATIONAL MAINTENANCE SHOPS	SF	4,000	25	(100)
SUPPORTING FACILITIES				370
UTILITIES	LS			(30)
ASBESTOS REMOVAL	LS			(100)
FIRE SUPPRESSION	LS			(210)
TEMPORARY FACILITY	LS			(30)
SUBTOTAL				815
CONTINGENCY (5%)				41
TOTAL CONTRACT COST				856
SUPERVISION, INSPECTION AND OVERHEAD (5%)				43
TOTAL REQUEST				899
TOTAL REQUEST (ROUNDED)				900

10. Description of Proposed Construction: Relocate interior walls and extend and upgrade utilities. Remove asbestos. Provide a fire suppression system, and extend and upgrade the fire detection system. Air Conditioning: 25 Tons.

11. REQUIREMENT: 55,000 SF ADEQUATE: 22,800 SF SUBSTANDARD: 32,200 SF
PROJECT: Alter Aircraft Maintenance Hangar and Shops (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the general aircraft maintenance functions associated with the F-16. The aircraft requires functionally adequate, energy efficient aircraft maintenance shops and a maintenance control complex to accomplish aircraft repair, fabrication, calibration, training, servicing, and administration. The facility and equipment need to be protected from potential fires.
CURRENT SITUATION: The hangar and shop complex was constructed in the early 1950's. Several shops have been added and several modified as the unit converted from one aircraft to another over the years, leading to an inefficient interior layout. The facilities' infrastructure needs to be upgraded to accommodate the highly complex equipment required to keep the F-16 aircraft and all its components operational. Shops are not properly sized, organized or arranged and need to be relocated, resized and upgraded to provide for efficient and quality F-16 maintenance. The facility does not meet energy conservation standards; the electrical system needs to be upgraded in order to provide adequate power; the ventilation in the shops is inadequate and non-existent in altered/resized areas; the administrative area needs upgrading to provide a more functional working environment. The building has interior asbestos that needs removal. The facility has numerous health, safety and fire code

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS	MHMV899520

violations. Facility has inadequate fire detection and fire suppression systems in the shops and administration areas. The hangar bay area has an inadequate fire detection system and no fire suppression system.
IMPACT IF NOT PROVIDED: Increased backlog and inefficient repair of aircraft. Improper training. Decreased operational readiness of the unit and inability to maintain the F-16 aircraft. Increased energy costs. Health and safety hazards. Lack of adequate fire detection and suppression systems continue to leave multi-million dollar resources inadequately protected.
ADDITIONAL: Temporary administration space will be provided under this project during the time the building is being altered. Upon completion of the construction these facilities will be removed from base.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS	MHMV899520

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 MAR 02
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	92 JUL 01
(d)	Date Design Complete	94 AUG 01
(2) Basis:		
(a)	Standard or Definitive Design -	NO
(b)	Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a)	Production of Plans and Specifications	50
(b)	All Other Design Costs	26
(c)	Total	76
(d)	Contract	76
(e)	In-house	
(4)	Construction Start	96 MAR

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE NEW MEXICO	COMPOSITE ENGINE AND NDI SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	211-157	MHMV899517	$2,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE ENGINE AND NDI SHOP	SF	24,600		2,182
ENGINE SHOP	SF	12,000	120	(1,440)
NDI SHOP	SF	3,500	125	(438)
ENGINE STORAGE SHELTER	SF	1,000	85	(85)
ALTER AGE AND GENERAL PURPOSE SHOPS	SF	8,100	27	(219)
SUPPORTING FACILITIES				270
UTILITIES	LS			(120)
SITE IMPROVEMENTS	LS			(50)
PAVEMENTS	LS			(100)
SUBTOTAL				2,452
CONTINGENCY (5%)				123
TOTAL CONTRACT COST				2,575
SUPERVISION, INSPECTION AND OVERHEAD (5%)				129
TOTAL REQUEST				2,704
TOTAL REQUEST (ROUNDED)				2,700

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and built up roof. Provide overhead cranes, all utilities, access pavements, and site improvements. Convert engine shop to AGE by rearranging interior walls and by moving, upgrading, and extending the utilities.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 24,600 SF ADEQUATE: 0 SUBSTANDARD: 14,912 SF
PROJECT: Composite Engine and NDI Shop (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the engine maintenance functions associated with the F-16 aircraft. The jet engines require disassembly, inspection, minor and major repairs, and reassembly in a safe a properly configured area with sufficient lighting and ventilation. An engine trailer storage shelter and a Non Destructive Inspection (NDI) shop are also required. Adequately sized and properly configured maintenance areas are needed for inspection, repair, service, and storage of aircraft ground support equipment. An area is required for the electro-environmental, battery, and wheel/tire shops. Training, administration, and storage space to complement the maintenance areas are also required.
CURRENT SITUATION: The engine shop is a structurally sound facility but is grossly undersized and poorly configured. The work stations, engine storage, and tools, occupy most of the floor space. The remaining area is crowded with administrative offices, bearing room, parts cleaning, tool crib, shop chief, and toilets. Manhours are lost moving engines/equipment and improvising. Environmental controls, lighting, and ventilation are substandard. The engine shop is only 8,000 SF while the minimum required

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
KIRTLAND AIR FORCE BASE NEW MEXICO	
4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE ENGINE AND NDI SHOP	MHMV899517

is 12,000 SF. Since 1992 there has been a significant decrease in the the capability of the personnel to maintain and repair the engines in the severely overcrowded space. The NDI shop is less than 50% of the required size. There is insufficient space for all the equipment. This results in work backlog due to waiting time for the availability of equipment. Training opportunities are lost. There is a need for a larger NDI shop but it cannot be expanded. The engine shop area will be altered to support AGE and other aircraft maintenance functions which are also extremely short of space as a result of the aircraft conversion. This will allow the disposal of other older buildings. Upon completion of this project the following will be demolished: Building 1051 at 6,000 SF and Building 1040 at 812 SF for a total of 6,812 SF.

IMPACT IF NOT PROVIDED: The unit is unable to reach full operational capability. Readiness is degraded. Training and productive time is lost. Unsafe and poor working conditions continue. This directly impacts the output of these shops and degrades the capability. Training sorties are lost. Lack of space adversely affects the quality of maintenance that needs to be performed on the F-16 aircraft.

ADDITIONAL: An economical analysis has been prepared comparing various alternatives. Based on that analysis new construction is the best option over the expected life of the facilities.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE ENGINE AND NDI SHOP	MHMV899517

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	91 AUG 30
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	93 MAY 31
(d) Date Design Complete	95 JAN 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	97
(b) All Other Design Costs	53
(c) Total	150
(d) Contract	150
(e) In-house	
(4) Construction Start	96 MAR

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE NEW MEXICO	AIRCRAFT CORROSION CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	211-159	MHMV929686	$1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT CORROSION CONTROL FACILITY	SF	11,300		1,174
CORROSION CONTROL FACILITY	SF	6,000	135	(810)
COMPOSITE MATERIALS SHOP	SF	300	145	(44)
ALTER FUEL SYSTEMS SHOP	SF	5,000	64	(320)
SUPPORTING FACILITIES				450
UTILITIES	LS			(75)
PAVEMENTS	LS			(100)
SITE IMPROVEMENTS	LS			(75)
FIRE SUPPRESSION	LS			(200)
SUBTOTAL				1,624
CONTINGENCY (5%)				81
TOTAL CONTRACT COST				1,705
SUPERVISION, INSPECTION AND OVERHEAD (5%)				85
TOTAL REQUEST				1,790
TOTAL REQUEST (ROUNDED)				1,800

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls with structural steel framing and roof system. Provide all utilities, pavements and site improvements and an oil/water separator. Relocate a paint spray booth insert. Exterior to match existing of Building 1063.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 17,300 SF ADEQUATE: 6,000 SF SUBSTANDARD: 6,940 SF
PROJECT: Aircraft Corrosion Control Facility (Current Mission).
REQUIREMENT: This is a Level II environmental compliance requirement. The base requires a facility for the control of fugitive emissions, volatile organic compounds, paint and abrasive particulates, in accordance 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. In the associated shop area, paint stripping and blasting operations require controlled containment in a centralized area with proper environmental air quality controls. This project will replace and consolidate uncontrolled sand blasting activities and provide a single facility which will establish and maintain proper environmental controls and meet pollution and safety standards.
CURRENT SITUATION: The facility is insufficiently sized and cannot accommodate both simulation functions of fuel cell and corrosion control. Aircraft corrosion control is being performed in widely separated areas. Washing of aircraft is outside. The work can only be done when the weather permits; when it is not too hot or too cold or there is no wind blown dust. The oil/water separator in the facility does not meet state and federal regulations and is inadequate in size to handle fuel spills.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT CORROSION CONTROL FACILITY	MHMV929686

It must be upgraded before contamination of the soil and water occurs. Painting of aircraft parts on and off the aircraft and x-ray examination of the structural parts occurr in another facility. The F-16 aircraft is more fuel cell intensive and requires a dedicated fuel cell bay, leaving no facility for corrosion control and related tasks. The painting is done outside or in temporary paint spray booths. These interim solutions are not acceptable for the long term and lead to air pollution. There is no composite material shop associated with the current aircraft. Upon completion of this project, Building 1053 at 1,940 SF will be demolished.
IMPACT IF NOT PROVIDED: Inefficient training and poor working conditions. Mission capability of the corrosion control/fuel cell shop and the health and welfare of the personnel are adversely affected. Environmental statutes are violated through air pollution, water pollution and soil contamination. If a fuel spill should occurr, the Air Force and Air National Guard may receive unfavorable publicity.
ADDITIONAL: Due to on going commitments to other DoD agencies, this unit annually flies 50% more flights than similiar units. These additional flights, in support of Defense Systems Evaluations (DSE), put an additional strain on the unit when inadequate facilities exist.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT CORROSION CONTROL FACILITY	MHMV929686

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	91 NOV 26
(b) Percent Complete as of Jan 95	95%
(c) Date 35% Designed	94 AUG 01
(d) Date Design Complete	95 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	83
(b) All Other Design Costs	58
(c) Total	141
(d) Contract	141
(e) In-house	
(4) Construction Start	96 MAR

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE NEW MEXICO	LANTIRN MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	217-713	MHMV929502	$620

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LANTIRN MAINTENANCE FACILITY	SF	5,300		447
LANTIRN MAINTENANCE SHOP	SF	2,000	120	(240)
ALTER AVIONICS SHOP	SF	2,100	70	(147)
COVERED AREA FOR AIR MOBILE EQUIPMENT	SF	1,200	50	(60)
SUPPORTING FACILITIES				115
UTILITIES	LS			(55)
PAVEMENTS	LS			(50)
SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				562
CONTINGENCY (5%)				28
TOTAL CONTRACT COST				590
SUPERVISION, INSPECTION AND OVERHEAD (5%)				30
TOTAL REQUEST				620
TOTAL REQUEST (ROUNDED)				620

10. Description of Proposed Construction: Addition to the avionics building with reinforced concrete foundation and floor slab. Steel reinforced block walls and roof structure. Alteration: rearrange walls, and extend and upgrade utilities. Provide exterior utilities, pavements and site improvements and a covered area.
Air Conditioning: 25 Tons.

11. REQUIREMENT: 5,300 SF ADEQUATE: 0 SUBSTANDARD: 2,100 SF
PROJECT: Lantirn Maintenance Facility (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. The base requires a facility to maintain the avionics equipment, train personnel and provide administration and work space associated with the assigned Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) pod targeting and navigation system. Associated with the LANTIRN system are air mobile equipment that require a covered concrete slab adjacent to the facility so that training can be performed in the field deployable shelters and field conditions.
CURRENT SITUATION: The avionics building is inadequately sized to accommodate the new LANTIRN mission. There are no covered slabs to provide support and protection for the air mobile maintenance shelters that are an integral part of this mission. The utilities and the heating, ventilation, and air conditioning systems require upgrades to accommodate the new mission requirements.
IMPACT IF NOT PROVIDED: Inefficient and ineffective training of the crews. Crowded working conditions and poor training conditions for both full time and weekend forces. Inability to properly maintain the LANTIRN pods or utilize the mobile shelters. The unit is not be able to support their mission. Reduced readiness.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KIRTLAND AIR FORCE BASE NEW MEXICO

4. PROJECT TITLE	5. PROJECT NUMBER
LANTIRN MAINTENANCE FACILITY	MHMV929502

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	91 NOV 26
(b) Percent Complete as of Jan 95	95%
(c) Date 35% Designed	94 JUN 16
(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	26
(b) All Other Design Costs	17
(c) Total	43
(d) Contract	43
(e) In-house	
(4) Construction Start	96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION HANCOCK FIELD ANG, NEW YORK		4. AREA CONSTR COST INDEX 1.20

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 Telecommunications Center, 3 Army National Guard Armories, 1 Naval Reserve Center, 1 Marine Reserve Center and 2 Army Reserve Centers

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-450	COMPOSITE MEDICAL TRAINING FACILITY	15,400 SF	1,990	NOV 93	FEB 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 OPERATIONS AND TRAINING FACILITY	40,000 SF	6,600

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HANCOCK FIELD ANG NEW YORK	COMPOSITE MEDICAL TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-450	HAAW909833	$1,990

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE MEDICAL TRAINING FACILITY	SF	15,400		1,495
MEDICAL TRAINING AND ADMINISTRATION	SF	10,500	120	(1,260)
PHYSICAL FITNESS TRAINING AREA	SF	1,000	110	(110)
ALTER OPERATIONAL TRAINING FACILITY	SF	3,900	32	(125)
SUPPORTING FACILITIES				310
UTILITIES	LS			(100)
PAVEMENTS	LS			(75)
SITE IMPROVEMENTS	LS			(35)
PRE-WIRED WORK STATIONS	LS			(100)
SUBTOTAL				1,805
CONTINGENCY (5%)				90
TOTAL CONTRACT COST				1,895
SUPERVISION, INSPECTION AND OVERHEAD (5%)				95
TOTAL REQUEST				1,990
TOTAL REQUEST (ROUNDED)				1,990

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; concrete block with exterior metal or masonary veneer and roof system. Includes site work, pavement, access road, parking lot, utilities, and support. Alter vacated space in Building 617 for Operational Training by rearranging and extending walls and utilities. Air Conditioning: 35 Tons.

11. REQUIREMENT: 15,400 SF ADEQUATE: 0 SUBSTANDARD: 14,700 SF
PROJECT: Composite Medical Training Facility (Current Mission).
REQUIREMENT: The base requires a properly sized facility for medical and dental examination rooms and offices, laboratories, administration of personnel medical records, training, and storage space to maintain proficiency and to perform preventative medical services. These services include physical exams, lab work, immunizations, optical and audio testing, and other medical and dental support to maintain unit readiness. Facility must accommodate nine additional medical personnel from three communications electronics units. Physical fitness space provides an area for the unit to conduct medical aerobic testing and provides daily exercise and fitness for base personnel.
CURRENT SITUATION: The wartime medical training services are being performed in two facilities. Building 617 is 3,900 SF and is physically connected to Building 613, which houses the base operations and training offices and the Wing Headquarters. Building 780 is 5,400 SF of which 2,435 SF is used for Medical Training. It is a WWII wood barracks converted to accommodate the medical clinic functions. It is in poor condition with a leaking roof, deteriorated siding, single pane windows, and antiquated plumbing, mechanical and electrical systems. Both of these facilities are grossly undersized to accommodate the requirements for

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
HANCOCK FIELD ANG NEW YORK	
4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE MEDICAL TRAINING FACILITY	HAAW909833

medical training and clinic functions. Nine doctors use two exam rooms, which are also used as offices for the clinic commander and chief of medical services. The vacated medical area in Building 617 will be upgraded at minimal cost and retained until it will be disposed in a future replacement project. This project is in accordance with the Approved Base Master Development Plan. Upon completion of this project the following will be demolished: Buildings 779 and 780 each at 5,400 SF for a total of 10,800 SF.

IMPACT IF NOT PROVIDED: Inadequate and inefficient training and operations, poor working conditions will continue. Morale and recruiting continues to be affected. Increased costs to operate and maintain antiquated facilities. Degraded fitness and readiness. Unable to comply with the approved master plan.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

HANCOCK FIELD ANG NEW YORK

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE MEDICAL TRAINING FACILITY	HAAW909833

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	93 NOV 08
(b) Percent Complete as of Jan 95	95%
(c) Date 35% Designed	94 JUL 30
(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	99
(b) All Other Design Costs	68
(c) Total	167
(d) Contract	167
(e) In-house	
(4) Construction Start	96 JUN

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK		4. AREA CONSTR COST INDEX 1.05

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

1 Air Force Reserve - On Base 1 Army National Guard - Niagara Falls, 4 Miles

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
111-115	UPGRADE RUNWAY OVERRUN	12,400 SY	1,950	DEC 91	FEB 95
832-266	UPGRADE STORM WATER AND SANITARY SEWER SYSTEM	LS	400	APR 94	MAY 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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK

11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	365	25	335	5	958	118	840
ACTUAL	344	25	315	4	917	107	810

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
107	HQ GP	55	57
107	MED SQ	55	52
107	OPS GP	6	4
107	LOG GP	12	11
107	ARS	75	66
107	OSF	33	21
107	MNT SQ	288	286
107	LGS	107	106
107	SUP GP	5	5
107	MSF	34	33
107	CES	145	127
107	SPS	75	72
107	SVS FT	25	21
107	COMMFT	43	40
8107	STU FT	0	16
	TOTALS	958	917

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	6
Support Equipment	94	77
Vehicle Equivalents	210	201

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NIAGARA FALLS INTERNATIONAL AIRPORT NEW YORK	UPGRADE RUNWAY OVERRUN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51411F	111-115	RVKQ919599	$1,950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE RUNWAY OVERRUN	SY	12,400	85	1,054
SUPPORTING FACILITIES				735
RELOCATE AND ADD LIGHTS	LS			(200)
SHOULDERS	LS			(125)
UTILITIES	LS			(165)
UPGRADE TAXIWAY F AND CULVERTS	LS			(245)
SUBTOTAL				1,789
CONTINGENCY (5%)				89
TOTAL CONTRACT COST				1,878
SUPERVISION, INSPECTION AND OVERHEAD (5%)				94
TOTAL REQUEST				1,972
TOTAL REQUEST (ROUNDED)				1,950

10. Description of Proposed Construction: Reinforced concrete surfaces. Relocate and extend runway lights. Upgrade Taxiway "F" and culverts. All utilities and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Runway Overrun (New Mission).

REQUIREMENT: Project supports the conversion of F-16 to KC-135 aircraft. The base requires the runway and taxiways of proper length and strength for the operational requirement of fuel loaded tanker aircraft. Provide adequate airfield lighting in accordance with FAA airfield standards.

CURRENT SITUATION: The commercial runway is only 9,125 LF with 1,000 LF understrength overruns at each end. In addition, 500 LF of the runway is unusable when taking off to the West because of Taxiway "F" being located down the runway and the runway's width does not allow KC-135 aircraft to safely turnaround. This is insufficient to operate a fully loaded KC-135 aircraft. The aircraft now operate from the base without a full fuel load. This is operationally insufficient and degrades training. This project strengthens 500 LF of the east end of the overrun. Also included is the strengthening of Taxiway "F", including replacement of deficient culverts, and a wide turnaround at the east end of the runway so the KC-135 aircraft can safely turnaround.

IMPACT IF NOT PROVIDED: Fully loaded aircraft cannot take off. The aircraft will have to take off without the required load. Degraded training and unable to provide fully mission capable aircraft. Unable to achieve full operational capability. Degraded readiness.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

NIAGARA FALLS INTERNATIONAL AIRPORT NEW YORK

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE RUNWAY OVERRUN	RVKQ919599

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	91 DEC 23
(b) Percent Complete as of Jan 95	95%
(c) Date 35% Designed	94 FEB 16
(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	91
(b) All Other Design Costs	88
(c) Total	179
(d) Contract	179
(e) In-house	
(4) Construction Start	96 JUN

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BLUE ASH ANG STATION, OHIO		4. AREA CONSTR COST INDEX 1.02

5. FREQUENCY AND TYPE OF UTILIZATION

Eight 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 Naval Reserve Center, 2 Army National Guard Units, 3 Army Reserve Units, 1 Marine Corps Reserve Center and 1 Coast Guard Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	380	SEP 92	MAY 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)

1. COMPONENT	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
ANG		

3. INSTALLATION AND LOCATION
BLUE ASH ANG STATION, OHIO

11. PERSONNEL STRENGTH AS OF 29 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	41	3	34	4	183	19	164
ACTUAL	39	3	32	4	188	19	169

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
123	TACCSQ	94	99
124	TACCSQ	89	89
	TOTALS	183	188

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Prime Equipment	84	65
Support Equipment	16	16
Vehicle Equivalents	295	285

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION CAMP PERRY ANG STATION OHIO		4. AREA CONSTR COST INDEX 1.04

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 for training.

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

1 Army National Guard Training Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	320	JAN 94	MAY 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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
CAMP PERRY ANG STATION OHIO

11. PERSONNEL STRENGTH AS OF 19 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	39	0	7	32	221	10	211
ACTUAL	36	0	7	29	196	8	188

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
200 RHCES	221	188
200 STU FT	0	8
TOTALS	221	196

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	28	28
Support Equipment	28	28
Vehicle Equivalents	175	166

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION RICKENBAKER AIR NATIONAL GUARD BASE, OHIO		4. AREA CONSTR COST INDEX 0.91

5. FREQUENCY AND TYPE OF UTILIZATION

Two 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

HQ Army Reserve, 3 ONG Armories, 3 USAR Centers, 1 Marine Corps Center, 1 Naval Reserve Center, 1 Naval Intell Center.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	310	MAR 94	MAY 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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
RICKENBAKER AIR NATIONAL GUARD BASE, OHIO

11. PERSONNEL STRENGTH AS OF 11 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	525	60	419	46	1,443	191	1,252
ACTUAL	647	59	456	132	1,567	208	1,359

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
121 ARW	69	102
121 OG	8	0
121 OSS	41	3
166 ARS	69	78
145 ARS	69	63
121 LG	18	0
121 LS	146	205
121 MS	472	560
121 SG	5	3
121 MSS	51	80
121 HSP	54	47
160 CLN	54	51
121 SPF	118	129
121 CS	56	51
121 MWRS	30	43
121 CES	124	117
8121 STU FT	59	35
TOTALS	1,443	1,567

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	19	21
C-26 Aircraft	1	1
Support Equipment	392	355
Vehicle Equivalents	484	688

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION TULSA INTERNATIONAL AIRPORT, OKLAHOMA		4. AREA CONSTR COST INDEX 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
2 Army National Guard Armories, 1 Army National Guard Medical Company, 1 Combined Reserve

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
131-111	COMPOSITE COMMUNICATIONS FACILITY	18,600 SF	1,900	JAN 90	OCT 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)
171-445	OPERATIONS AND MEDICAL TRAINING FACILITY	17,300 SF	3,150

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
TULSA INTERNATIONAL AIRPORT, OKLAHOMA

11. PERSONNEL STRENGTH AS OF 15 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	375	28	321	26	1,205	110	1,095
ACTUAL	310	22	267	21	1,018	107	911

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
138	FG	49	49
138	OPS GP	3	2
138	LOG GP	16	15
138	SPT GP	5	4
138	OPS SQ	22	19
138	MNT SQ	447	369
138	LOG SQ	107	72
138	SPS	57	50
138	CES	127	111
138	COM SQ	42	42
138	MSF FT	33	32
138	SVS FT	34	29
138	TAC CL	35	34
125	FGT SQ	42	40
125	WEA FL	14	12
219	EI SQ	172	138
	TOTALS	1,205	1,018

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	21
Support Equipment	167	147
Vehicle Equivalents	275	279

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TULSA INTERNATIONAL AIRPORT OKLAHOMA	COMPOSITE COMMUNICATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	131-111	XHZG001331	$1,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE COMMUNICATIONS FACILITY	SF	18,600		1,501
COMMUNICATIONS	SF	8,300	115	(955)
BASE PHOTO LABORATORY	SF	2,100	105	(221)
OPS AND TRAINING AREA	SF	1,600	100	(160)
ALTER OPERATIONAL TRAINING FACILITIES	SF	6,600	25	(165)
SUPPORTING FACILITIES				225
UTILITIES	LS			(50)
PAVEMENTS	LS			(45)
SITE IMPROVEMENTS	LS			(30)
PRE-WIRED WORK STATIONS	LS			(100)
SUBTOTAL				1,726
CONTINGENCY (5%)				86
TOTAL CONTRACT COST				1,812
SUPERVISION, INSPECTION AND OVERHEAD (5%)				91
TOTAL REQUEST				1,903
TOTAL REQUEST (ROUNDED)				1,900

10. Description of Proposed Construction: Masonry walls, concrete foundation and floor slab, steel frame and built-up roof, asphalt driveway and storage area. Functional areas include computer and communications vaults, training areas, and mechanical room.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 18,600 SF ADEQUATE: 0 SUBSTANDARD: 8,036 SF
PROJECT: Composite Communications Facility (Current Mission).
REQUIREMENT: The base requires an adequately sized and properly configured facility for communications, data automation, audio-visual services, and customer support. It incorporates a raised floor, secure vault and environmental controls for the data automation function including the message center.
CURRENT SITUATION: The communication vault is extremely small and not constructed to security standards. The telephone center is also too small with inadequate air conditioning and is too crowded for the equipment. The excess heat causes fire alarm activation and violates the National Electric Code and communications and computer safety standards. Required programmed equipment expansion cannot be accommodated. The communications interrelated functions are scattered in six deficient buildings. This degrades training and impedes proper command and control. Three of these buildings cannot be economically upgraded. Upon completion of this project, the following will occur: demolition of building 309 at 718 SF and building 310 at 716 SF in addition to the disposition of a temporary leased facility at 2,115 SF.
IMPACT IF NOT PROVIDED: The operational training and communications facilities remain overcrowded without adequate office or shop space. Safety, security and base support continue to suffer. The twenty man

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
TULSA INTERNATIONAL AIRPORT OKLAHOMA	
4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE COMMUNICATIONS FACILITY	XHZG001331

communications team remains split-up with no training area. The mission support squadron commander and technician continue to be without work and training space. Degraded training and higher operating costs continue. ADDITIONAL: This project also includes the renovation of 814 SF in building 305 for the Judge Advocate and Chaplain functions; 3,354 SF in building 313 for the 125th Weather Flight; and 2,434 SF in building 501 for the Historian, Safety, Public Affairs, and Headquarters functions.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

TULSA INTERNATIONAL AIRPORT OKLAHOMA

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE COMMUNICATIONS FACILITY	XHZG001331

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	90 JAN 09
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	92 JUL 08
(d)	Date Design Complete	94 OCT 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	72
(b)	All Other Design Costs	65
(c)	Total	137
(d)	Contract	137
(e)	In-house	
(4) Construction Start		96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION WILL ROGERS WORLD AIRPORT OKLAHOMA		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
121-111	PETROLEUM OPERATIONS FACILITY	1,650 SF	400	DEC 93	APR 95
171-873	AERIAL PORT TRAINING FACILITY	17,400 SF	2,550	JAN 93	APR 95
730-142	COMPOSITE FIRE STATION	11,800 SF	1,950	DEC 93	APR 95

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)
730-835	ADD TO AND ALTER SECURITY POLICE FACILITY	6,700 SF	500

1. COMPONENT ANG	FY 1996 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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WILL ROGERS WORLD AIRPORT OKLAHOMA	AERIAL PORT TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-873	YZEU899778	$2,550

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AERIAL PORT TRAINING FACILITY	SF	17,400		1,843
AERIAL PORT TRAINING	SF	14,200	105	(1,491)
AIRLIFT COMMAND ELEMENT	SF	3,200	110	(352)
SUPPORTING FACILITIES				480
UTILITIES	LS			(200)
PAVEMENTS	LS			(190)
SITE IMPROVEMENTS	LS			(20)
DEMOLITION	LS			(20)
PRE-WIRED WORK STATIONS	LS			(50)
SUBTOTAL				2,323
CONTINGENCY (5%)				116
TOTAL CONTRACT COST				2,439
SUPERVISION, INSPECTION AND OVERHEAD (5%)				122
TOTAL REQUEST				2,561
TOTAL REQUEST (ROUNDED)				2,550

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry and steel framed walls and roof structure. Includes interior and exterior utilities, pavements and site improvements. Building 1017 at 6,720 SF must be demolished to clear the site for the aerial port training facility.
Air Conditioning: 25 Tons.

11. REQUIREMENT: 17,400 SF ADEQUATE: 0 SUBSTANDARD: 11,200 SF
PROJECT: Aerial Port Training Facility (Current Mission).
REQUIREMENT: The base requires a facility for air cargo preparation training and administration of an aerial port squadron in support of 8 C-130H aircraft. For training purposes, cargo is dropped from aircraft, recovered from drop zones, repaired, reassembled, refitted with parachutes and stored for reuse in another training exercise. Preparation area must have cranes for movement of heavy loads, parachute drying tower, parachute sewing, repair and storage space. The facility is also required for the administrative and mobility storage functions of the airlift command element.
CURRENT SITUATION: The aerial port function is conducted in Buildings 1017 and 1023 which are both substandard, semi-permanent sheet metal buildings with a total of 11,200 SF. The buildings are poorly insulated, improperly configured and grossly inadequate for the mission. There are numerous health and safety hazards. The interior utility systems are undersized. The wiring is old and brittle. There are numerous electric and life safety code violations. The mechanical systems are old. Spare parts are no longer available. The roofs leak. The buildings do not have the height or maneuvering space for inside fork lift operation. The movement of the air cargo and equipment is done in a hazardous manner.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

WILL ROGERS WORLD AIRPORT OKLAHOMA

4. PROJECT TITLE	5. PROJECT NUMBER
AERIAL PORT TRAINING FACILITY	YZEU899778

The size of the aerial port squadron has increased in both the number of personnel and equipment. The interior configuration does not lend itself to today's concept of operation and training standards. The two facilities do not represent a quality work and training place. Upon completion of this project, Building 1023 at 4,480 SF will be demolished.
IMPACT IF NOT PROVIDED: Overcrowded facilities contribute to ineffective and hazardous training of aerial port personnel and a reduced number of aerial delivery loads to train combat crews. Training opportunities are lost. Higher operating costs. Untrained crews could result in missed dropped zones and damage to equipment. Decreased efficiency and readiness.
ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates new construction is the most economical alternative.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

WILL ROGERS WORLD AIRPORT OKLAHOMA

4. PROJECT TITLE	5. PROJECT NUMBER
AERIAL PORT TRAINING FACILITY	YZEU899778

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 JAN 04
(b)	Percent Complete as of Jan 95	65%
(c)	Date 35% Designed	94 SEP 30
(d)	Date Design Complete	95 APR 28
(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	100
(b)	All Other Design Costs	54
(c)	Total	154
(d)	Contract	154
(e)	In-house	
(4)	Construction Start	96 MAY

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WILL ROGERS WORLD AIRPORT OKLAHOMA	COMPOSITE FIRE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	730-142	YZEU001609	$1,950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE FIRE STATION	SF	11,800		1,339
FIRE STATION	SF	10,600	115	(1,219)
PHYSICAL FITNESS TRAINING AREA	SF	1,200	100	(120)
SUPPORTING FACILITIES				430
UTILITIES	LS			(200)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(50)
DEMOLITION	LS			(30)
SUBTOTAL				1,769
CONTINGENCY (5%)				88
TOTAL CONTRACT COST				1,857
SUPERVISION, INSPECTION AND OVERHEAD (5%)				93
TOTAL REQUEST				1,950
TOTAL REQUEST (ROUNDED)				1,950

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Access pavements, utility systems, site improvements and support. Building 1015 at 1,247 SF must be demolished to clear the site for the fire station. Air Conditioning: 20 Tons.

11. REQUIREMENT: 11,800 SF ADEQUATE: 0 SUBSTANDARD: 4,194 SF

PROJECT: Composite Fire Station (Current Mission).

REQUIREMENT: An adequately sized and properly configured facility to support fire and crash/rescue operations. It includes apparatus bays, extinguisher maintenance, alarm room, chief's office, technical services, day room, lockers, kitchen and dining areas, classroom and administrative areas, bunkrooms for 24 hour operation of the 8 full time and 24 Unit Training Assembly fire fighters. Also provides space for total base physical fitness program.

CURRENT SITUATION: The 1959 vintage fire station is too small to properly support the fire fighting and crash/rescue operations. Only three of the eight fire vehicles fit into the undersized apparatus bays. The building does not have adequate space for storage of fire fighting agent, bunker gear, and mobility bags. The alarm room is substandard and the facility does not have a classroom. Living conditions for fire fighters working extended hours are grossly substandard. The kitchen area is located in the truck bay area, the bathroom sink is used to wash dishes, and there are no shower facilities. The single bathroom is used by men and women. Risk Assessment Code (RAC) of 2 and a Fire Safety Deficiency (FSD) code of 1 have been assigned to the facility by the authority having jurisdiction. This facility is not a quality work place and will be demolished. The base does not have any indoor physical training area. The small area will

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
WILL ROGERS WORLD AIRPORT OKLAHOMA	
4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE FIRE STATION	YZEU001609

allow for a few pieces of aerobic and exercise equipment as part of the base physical training program. Upon completion of this project, Building 1014 at 2,707 SF and Building 1021 at 240 SF, will be demolished.
IMPACT IF NOT PROVIDED: Fire fighting apparatus remains exposed to the weather which accelerates deterioration. Firefighters continue to work in a substandard and unsafe facility. Hardships on the overall fire protection operation continue and jepordizes crash/rescue and fire fighting capabilities. Accept the safety and health risks. Unable to properly train.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

WILL ROGERS WORLD AIRPORT OKLAHOMA

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE FIRE STATION	YZEU001609

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 DEC 23
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 DEC 08
(d)	Date Design Complete	95 APR 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	81
(b)	All Other Design Costs	36
(c)	Total	117
(d)	Contract	117
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION PITTSBURGH INT'L APT ANG, PENNSYLVANIA		4. AREA CONSTR COST INDEX 1.02

5. FREQUENCY AND TYPE OF UTILIZATION
Two 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 Naval Reserve Center, 1 Army Reserve Support Center, 1 Air Force Reserve Station, 1 Army National Guard Armory

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	FUEL SYSTEMS MAINTENANCE FACILITY	26,300 SF	5,332	MAY 91	OCT 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 30 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)
124-135	JET FUEL STORAGE COMPLEX	LS	5,500

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
PITTSBURGH INT'L APT ANG, PENNSYLVANIA

11. PERSONNEL STRENGTH AS OF 12 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	481	61	420	0	1,500	199	1,301
ACTUAL	464	58	406	0	1,577	229	1,348

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
171	SVS	45	43
171	OPS	8	12
171	LGS	18	18
171	SPT	5	7
171	OPSPT	44	41
146	ARS	69	74
112	CLINIC	55	48
171	AR	65	87
147	ARS	69	76
171	MS	41	65
171	MAINT	544	548
171	CLINIC	55	51
171	COMM	57	55
171	CES	134	147
171	SP	118	117
171	LOG	154	170
146	WEA FT	19	18
	TOTALS	1,500	1,577

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135E Aircraft	19	20
Support Equipment	257	255
Vehicle Equivalents	450	450

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PITTSBURGH INTERNATIONAL AIRPORT (ANG) PENNSYLVANIA	FUEL SYSTEMS MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51411F	211-179	JLSQ899539	$5,332

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL SYSTEMS MAINTENANCE FACILITY	SF	26,300		3,751
FUEL SYSTEMS MAINTENANCE DOCK	SF	23,800	145	(3,451)
FUEL SYSTEMS SHOPS	SF	2,500	120	(300)
SUPPORTING FACILITIES				1,085
UTILITIES	LS			(355)
PAVEMENTS	LS			(230)
SITE IMPROVEMENTS	LS			(100)
FIRE SUPPRESSION	LS			(400)
SUBTOTAL				4,836
CONTINGENCY (5%)				242
TOTAL CONTRACT COST				5,078
SUPERVISION, INSPECTION AND OVERHEAD (5%)				254
TOTAL REQUEST				5,332
TOTAL REQUEST (ROUNDED)				5,332

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab; structural steel and masonry with insulated panel walls and roof structure. Concrete retaining walls. All utilities, access pavements, site improvements, fire suppression and support.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 26,300 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Fuel Systems Maintenance Facility (New Mission).
REQUIREMENT: The base needs a facility for the repair of aircraft fuel systems and the washing of aircraft. Functional areas include fuel cell hangar bay/washrack, fuel bladder repair shop, support shop space, and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cells/bladders and to meet environmental statutes.
CURRENT SITUATION: The unit does not have a facility to perform fuel cell maintenance on the KC-135 aircraft. Weather conditions and environmental regulations mandate that fuel cell maintenance be performed indoors since it requires that the aircraft have fuel bladders and cells open for a considerable time. The work is now being performed in a hangar and on the ramp, weather permitting. Both locations are violations of aircraft technical orders and result in enviromental non-compliance. The ramp does not have the proper containment for fuel spills. Fuel on the ramp is washed down and ends up in the nearby stream which runs off base. This violates federal and state regulations involving the Clean Water Act. If fuel cell work is done in the hangar, other hangar operations must be totally shut down. The building does not have explosion proof fixtures, a fume extraction system, or a containment system for fuel spills.
IMPACT IF NOT PROVIDED: Fuel cell maintenance is not being performed on

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
PITTSBURGH INTERNATIONAL AIRPORT (ANG) PENNSYLVANIA	
4. PROJECT TITLE	5. PROJECT NUMBER
FUEL SYSTEMS MAINTENANCE FACILITY	JLSQ899539

time. The unit operational readiness is degraded. Unable to comply with environmental regulations. Violation of technical orders. Inadequate maintenance and inadequate training. The Air National Guard could receive unfavorable publicity if a fuel spill is not contained.
ADDITIONAL: An exception to the economic analysis requirement has been prepared for this project showing that there is no alternative other than new construction.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

PITTSBURGH INTERNATIONAL AIRPORT (ANG) PENNSYLVANIA

4. PROJECT TITLE	5. PROJECT NUMBER
FUEL SYSTEMS MAINTENANCE FACILITY	JLSQ899539

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status;		
(a)	Date Design Started	91 MAY 07
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	94 JAN 30
(d)	Date Design Complete	94 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	200
(b)	All Other Design Costs	70
(c)	Total	270
(d)	Contract	270
(e)	In-house	
(4)	Construction Start	96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION JOE FOSS FIELD ANG, SOUTH DAKOTA		4. AREA CONSTR COST INDEX 1.10

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year along with necessary local annual field training days are utilized for required readiness training. Daily use is made of all facilities by technician/AGR force.

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

2 Army National Guard Armory and 1 Army/Navy Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
442-758	BASE SUPPLY COMPLEX	35,400 SF	4,000	SEP 91	FEB 94

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)
214-425	VEHICLE MAINTENANCE AND AGE COMPLEX	17,200 SF	3,150

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
JOE FOSS FIELD ANG, SOUTH DAKOTA

11. PERSONNEL STRENGTH AS OF 8 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	307	26	280	1	1,042	112	930
ACTUAL	307	26	280	1	991	109	882

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
114	OG	3	3
114	SVF	27	26
114	LG	16	13
114	SG	5	4
114	OSF	25	19
114	FG	49	45
175	FS	42	43
114	MSF	33	31
114	MAS	447	397
114	MED SQ	35	34
114	CES	131	124
114	SPS	57	56
114	LS	107	96
114	CF	42	36
114	HQSDNG	23	22
8114	STU FT	0	42
	TOTALS	1,042	991

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	22
C-12 Aircraft	1	1
Support Equipment	309	285
Vehicle Equivalents	391	391

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JOE FOSS FIELD ANG SOUTH DAKOTA	BASE SUPPLY COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	442-758	LUXC001389	$4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BASE SUPPLY COMPLEX	SF	35,400		3,035
BASE SUPPLY AND EQUIPMENT WAREHOUSE	SF	29,000	95	(2,755)
BASE SUPPLY AND EQUIPMENT SHED	SF	4,000	40	(160)
ALTER BASE HAZARDOUS STORAGE BUILDING	SF	2,400	50	(120)
SUPPORTING FACILITIES				600
UTILITIES	LS			(100)
PAVEMENTS AND ACCESS ROAD	LS			(250)
SITE IMPROVEMENTS	LS			(50)
PRE-WIRED WORK STATIONS	LS			(200)
SUBTOTAL				3,635
CONTINGENCY (5%)				182
TOTAL CONTRACT COST				3,817
SUPERVISION, INSPECTION AND OVERHEAD (5%)				191
TOTAL REQUEST				4,008
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and insulated roof structure. Shed shall be pre-engineered metal building. Provide all utilities, pavements/road and site improvements. Alter Building 44 for hazardous storage by rearranging walls and utilities and providing fire protection. Air Conditioning: 30 Tons.

11. REQUIREMENT: 35,400 SF ADEQUATE: 0 SUBSTANDARD: 31,067 SF

PROJECT: Base Supply Complex (Current Mission).

REQUIREMENT: The base requires a properly sized and adequately configured supply and equipment warehouse with adequate floor space and height to accommodate the day to day storage of spare parts, war readiness supply kits (WRSK), mobility bags, administrative space, and other miscellaneous supply functions.

CURRENT SITUATION: The base supply facility does not have enough space to support the mission. The structure is approximately 40 years old with a floor to ceiling height of only 12 feet. There is no loading/ unloading dock. The low ceiling space prevents the proper shelf space necessary to store aircraft spare parts and other support supply items. Administration space is inadequate. The heating and air conditioning systems are not correctly sized. The severe shortage of floor space results in supply items being stored outside. These materials normally should be stored inside. As a temporary workaround to the storage space, the shelving units have been moved closer together. This has compromised safety by reducing the safety clearance for fork lift operation between the aisles. The personnel must do the jobs manually versus using machines and result in the potential for personnel injuries. In addition, space for other supply functions are forced to double up in their assigned work spaces.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
JOE FOSS FIELD ANG SOUTH DAKOTA	
4. PROJECT TITLE	5. PROJECT NUMBER
BASE SUPPLY COMPLEX	LUXC001389

This is barely acceptable during the normal work week, but becomes unworkable during weekend training periods. The facility is not a quality work place. Upon completion of this project, the following will be demolished: Building 42 at 20,452 SF, Building 43 at 630 SF, and Building 63 at 7,585 SF for a total of 28,667 SF.

IMPACT IF NOT PROVIDED: The supply functions continue in an overcrowded and poorly functioning facility degrading the units training, mission effectiveness and support. Some supplies continue to be stored outside subject to spoilage and degradation. Safety hazards continue. Unit morale is affected. Safety is compromised and efficiency is lost.

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

JOE FOSS FIELD ANG SOUTH DAKOTA

4. PROJECT TITLE	5. PROJECT NUMBER
BASE SUPPLY COMPLEX	LUXC001389

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 SEP 10
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	93 DEC 30
(d)	Date Design Complete	94 FEB 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	190
(b)	All Other Design Costs	71
(c)	Total	261
(d)	Contract	261
(e)	In-house	
(4) Construction Start		96 MAY

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION MCGHEE TYSON AIRPORT TENNESSEE		4. AREA CONSTR COST INDEX 0.90

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, 1 Army Aviation Support Facility, 1 Marine Corps Reserve Unit and 1 Coast Guard Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
721-000	PMEC SCHOOL TRAINING QUARTERS	40,000 SF	4,400	SEP 89	JUN 91

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 24 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)
217-712	AVIONICS SHOP	5,400 SF	910
750-581	PMEC TRAINING FACILITIES	LS	1,200

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
MCGHEE TYSON AIRPORT TENNESSEE

11. PERSONNEL STRENGTH AS OF 29 JUN 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	429	57	359	13	1,380	148	1,232
ACTUAL	424	56	356	12	1,314	153	1,161

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
134	OPG	6	6
134	OSF	33	28
134	ARG	55	56
134	ARS	73	70
134	LGP	12	11
134	MAS	290	279
134	LMS	107	99
134	SGP	5	5
134	SVF	27	27
134	MSF	34	33
134	CF	44	39
134	SPS	75	73
134	CES	141	143
134	MED	59	61
572	AFB	36	28
228	CCS	172	147
110	ACS	90	92
119	ACS	121	117
	TOTALS	1,380	1,314

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	10	10
Support Equipment	92	92
Vehicle Equivalents	342	342

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCGHEE TYSON AIRPORT TENNESSEE	PMEC SCHOOL TRAINING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	721-000	PSXE001345	$4,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PMEC SCHOOL TRAINING QUARTERS	SF	40,000	85	3,400
SUPPORTING FACILITIES				600
UTILITIES	LS			(200)
PAVEMENTS	LS			(100)
SITE IMPROVEMENTS	LS			(100)
FIRE SUPPRESSION	LS			(200)
SUBTOTAL				4,000
CONTINGENCY (5%)				200
TOTAL CONTRACT COST				4,200
SUPERVISION, INSPECTION AND OVERHEAD (5%)				210
TOTAL REQUEST				4,410
TOTAL REQUEST (ROUNDED)				4,400

10. Description of Proposed Construction: Concrete foundations and floor slab, steel framed masonry walls and built-up roof. Includes utilities, access pavements, site improvements, fire protection, and support. Air Conditioning: 25 Tons.

11. REQUIREMENT: 130,000 SF ADEQUATE: 90,000 SF SUBSTANDARD: 23,270 SF
PROJECT: PMEC School Training Quarters (Current Mission).
REQUIREMENT: In FY 87 Congress directed that beginning in FY 88 the ANG MILCON program include projects to expand and upgrade the Professional Military Education Center (PMEC). The ANG conducts the education and management programs for its enlisted/officer personnel and specialized courses tailored to the needs of the citizen soldier work force. Proper facilities are needed to meet the training. The facility upgrade program has been stretched out over the period due to decreased MILCON funds in the budget. This project completes the student training quarters construction program. Expanded and new ANG missions have generated a significant increase in students attending PMEC and doubled the required courses they take. As the Active Forces reduce in size, many personnel leave the service and join the Air National Guard. They must be trained in the unique mission of the ANG.
CURRENT SITUATION: The facility is a temporary wood framed structure built in the early 1950's. It is grossly substandard in terms of construction, function, efficiency, and space. It has numerous health and fire code violations. The quarters are not considered a quality living and training area. All other student quarters have been replaced with the exception of this facility. The base is receiving numerous complaints from students who are forced to occupy these grossly antiquated buildings. The rooms are poorly configured and cannot be economically modified for

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
MCGHEE TYSON AIRPORT TENNESSEE	
4. PROJECT TITLE	5. PROJECT NUMBER
PMEC SCHOOL TRAINING QUARTERS	PSXE001345

student training. The rooms are poorly insulated have very poor acoustics. The facility does not have a fire protection system that meets the fire codes. It is poorly insulated and has asbestos. The electrical system violates the code and cannot support the load. The interior and exterior utilities are old and deteriorated. Frequent roof leaks have caused extensive interior water damage. The building siding is made of asbestos. Parts of the siding are broken. Matching tiles cannot be found. The bathrooms have antiquated fixtures and old and corroded utility lines. The windows allow considerable air infiltration. The heating system is deteriorated. The boilers are undersized. Upon completion of this project, Building 225 at 23,270 SF will be demolished.
IMPACT IF NOT PROVIDED: Improper accommodations for the students impedes the training environment and degrades readiness. Health and safety hazards remain. Excessive costs to operate and maintain the structure.
ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that new construction is the most economical alternative.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MCGHEE TYSON AIRPORT TENNESSEE

4. PROJECT TITLE	5. PROJECT NUMBER
PMEC SCHOOL TRAINING QUARTERS	PSXE001345

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a) Date Design Started		89 SEP 14
(b) Percent Complete as of Jan 95		100%
(c) Date 35% Designed		90 DEC 30
(d) Date Design Complete		91 JUN 30
(2) Basis:		
(a) Standard or Definitive Design -		NO
(b) Where Design Was Most Recently Used -		N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):		($000)
(a) Production of Plans and Specifications		145
(b) All Other Design Costs		66
(c) Total		211
(d) Contract		211
(e) In-house		
(4) Construction Start		96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		4. AREA CONSTR COST INDEX 0.91

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

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

1 Army National Guard Facility, 1 Naval Reserve Facility, 1 Army Reserve Facility, 1 Marine Corps Facility, 1 Naval Base and 1 Army General Depot

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
219-944	ADD TO AND ALTER BASE ENGINEER MAINTENANCE COMPLEX	18,700 SF	990	MAY 93	JUN 95
730-835	ADD TO AND ALTER SECURITY POLICE OPERATIONS FACILITY	6,620 SF	1,100	NOV 92	FEB 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Unilateral Construction Approved — 24 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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

11. PERSONNEL STRENGTH AS OF 1 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	236	4	55	177	1,113	125	988
ACTUAL	223	4	51	168	1,041	119	922

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
155 AS	113	109
164 MAPS	101	99
164 CS	42	42
164 SPS	57	61
164 MEDS	69	56
164 MS	320	283
164 LS	107	100
164 MPF	32	30
164 AG	55	51
164 CES	134	118
164 SVF	25	21
164 OG	6	6
8164 STU FT	8	25
164 LG	7	7
164 SPG	5	4
164 OSS	32	29
TOTALS	1,113	1,041

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141 Aircraft	8	8
Support Equipment	128	128
Vehicle Equivalents	274	262

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT TENNESSEE	ADD TO AND ALTER BASE ENGINEER MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	219-944	PYKL919594	$990

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BASE CIVIL ENGINEER MAINTENANCE COMPLEX	SF	18,700		731
ADD TO BASE ENGINEER SHOPS	SF	4,500	85	(383)
ADD TO STORAGE SHED	SF	250	72	(18)
ALTER BASE ENGINEER SHOPS	SF	10,200	25	(255)
ALTER STORAGE SHED	SF	3,750	20	(75)
SUPPORTING FACILITIES				170
UTILITIES	LS			(40)
PAVEMENTS	LS			(75)
SITE IMPROVEMENTS	LS			(20)
PRE-WIRED WORK STATIONS	LS			(35)
SUBTOTAL				901
CONTINGENCY (5%)				45
TOTAL CONTRACT COST				946
SUPERVISION, INSPECTION AND OVERHEAD (5%)				47
TOTAL REQUEST				993
TOTAL REQUEST (ROUNDED)				990

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry and reinforced concrete walls and roof system. Exterior to match existing. Alteration: Relocate and extend walls and utilities. Construct metal building addition with concrete floor for storage. All utilities, pavements, fencing and necessary support.
Air Conditioning: 5 Tons.

11. REQUIREMENT: 18,700 SF ADEQUATE: 0 SUBSTANDARD: 13,950 SF
PROJECT: Add to and Alter Base Engineer Maintenance Complex (Current Mission).
REQUIREMENT: The base requires an adequately sized and properly configured base civil engineering maintenance complex for the day-to-day maintenance and operation of the base facilities and to train for the wartime mission of the squadron. Functional areas are required for administration, training, work/material control, operations and planning, real property, material/ files storage, reproduction, engineering inspection; masonry, carpentry, plumbing, sheet metal/welding, HVAC, electrical, environmental, and power production shops.
CURRENT SITUATION: The base civil engineering shops operate from a structurally sound but grossly undersized and poorly configured facility. Some shops are too small. Others are poorly arranged. The building has health, safety, and fire code violations. The hallways are used for storage. The utility systems are old and undersized. There are insufficient bathrooms for both male and female occupants. There is insufficient storage area. There are no training classrooms. The building was sized for a smaller work force. Construction materials, that normally should be stored inside, are stored outside. The materials

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
MEMPHIS INTERNATIONAL AIRPORT TENNESSEE	
4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER BASE ENGINEER MAINTENANCE COMPLEX	PYKL919594

deteriorate. The facility does not represent a quality work and training place.

IMPACT IF NOT PROVIDED: The training and efficiency of engineering and services personnel is severely impacted. Very inefficient operation. Lost training opportunities. Poor supply discipline. Higher operating cost. Accept the risk for the health and safety and fire code violations.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT TENNESSEE

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER BASE ENGINEER MAINTENANCE COMPLEX	PYKL919594

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 MAY 20
(b)	Percent Complete as of Jan 95	65%
(c)	Date 35% Designed	94 AUG 01
(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	44
(b)	All Other Design Costs	18
(c)	Total	62
(d)	Contract	62
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT TENNESSEE	ADD TO AND ALTER SECURITY POLICE OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	730-835	PYKL919592	$1,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER SECURITY POLICE OPERATIONS FACILITY	SF	6,620		646
ADD TO SECURITY POLICE	SF	5,300	105	(557)
ALTER SECURITY POLICE	SF	1,200	60	(72)
TRAFFIC CHECK HOUSE	SF	120	140	(17)
SUPPORTING FACILITIES		1	1	345
UTILITIES	LS			(100)
PAVEMENTS/ROAD	LS			(150)
SITE IMPROVEMENTS/FENCING	LS			(70)
PRE-WIRED WORK STATIONS	LS			(25)
SUBTOTAL				991
CONTINGENCY (5%)				50
TOTAL CONTRACT COST				1,041
SUPERVISION, INSPECTION AND OVERHEAD (5%)				52
TOTAL REQUEST				1,093
TOTAL REQUEST (ROUNDED)				1,100

10. Description of Proposed Construction: Concrete block with exterior brick veneer to match existing building. Includes offices, restrooms, classrooms, mechanical room, all utilities, parking, site improvements, traffic check house, and security fence system. Alterations to Building 472 include rearranging and extending walls plus utilities.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 6,620 SF ADEQUATE: 0 SUBSTANDARD: 3,326 SF
PROJECT: Add to and Alter Security Police Operations Facility (Current Mission).
REQUIREMENT: The base requires a centralized security police and weapons storage facility with adequate storage space for both operations near the main gate. Project includes offices, restrooms, arms vault, classroom, and CATM functions. A properly located traffic check gate house is required.
CURRENT SITUATION: The security police are operating from two dispersed locations, Building 400 and Building 504. In Building 400, which is the headquarters, the security police occupy 1,976 SF out of 21,955 SF. The space in the headquarters building is needed to consolidate headquarters type functions which now are scattered in various other buildings. Building 504 is only 1,200 SF and is grossly undersized. During the training periods, as well as the day to day operations, the cramped space and split locations lead to a loss of training. The existing gate house location causes traffic to back up onto the highway right-of-way when vehicles are stopped from coming onto the installation. It is a traffic hazard. Between the two buildings the security police occupy less than 50% of the minimum required space. This project is in accordance with the approved master development plan. Upon completion of this project, the

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
MEMPHIS INTERNATIONAL AIRPORT TENNESSEE	
4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER SECURITY POLICE OPERATIONS FACILITY	PYKL919592

following buildings will be demolished: 462 and 482 for a total of 2,126 SF.

IMPACT IF NOT PROVIDED: It will adversely affect the security police training program due to lack of training and storage area. Inadequate work place lowers unit morale and degrades training. Severe traffic hazard at the main gate continues.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT TENNESSEE

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER SECURITY POLICE OPERATIONS FACILITY	PYKL919592

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	92 NOV 05
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	93 DEC 21
(d) Date Design Complete	94 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	35
(b) All Other Design Costs	20
(c) Total	55
(d) Contract	55
(e) In-house	
(4) Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION KELLY AIR FORCE BASE, TEXAS		4. AREA CONSTR COST INDEX 0.87

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
4 Air Force Bases and 1 Army Installation

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
821-116	UPGRADE HEATING AND COOLING SYSTEMS		LS	1,400	OCT 93	APR 95

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved — 14 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)
113-321	PARKING APRON AND HYDRANT REFUELING SYSTEM		LS	6,900
113-321	RENOVATE TAXIWAY		LS	1,500
141-753	ALTER SQUADRON OPERATIONS	26,000	SF	1,800
171-450	ALTER MEDICAL TRAINING AND ADMINISTRATION FACILITY	14,800	SF	930
211-179	FUEL CELL AND CORROSION CONTROL FACILITY	27,800	SF	5,000
214-425	VEHICLE AND AGE MAINTENANCE FACILITY	19,600	SF	2,700
422-256	MUNITIONS TRAILER STORAGE	4,000	SF	335

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
KELLY AIR FORCE BASE, TEXAS

11. PERSONNEL STRENGTH AS OF 16 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	307	23	255	29	1,003	106	897
ACTUAL	285	23	240	22	1,014	107	907

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
149	FG	50	49
182	OPS FT	3	4
182	FS	38	41
182	OSF	22	20
149	LG	16	15
149	MNT SQ	411	423
149	LOG SQ	107	107
149	SPTG	5	6
149	MSF	34	32
149	SPF	57	56
149	COMM	35	37
149	CES	110	117
149	SVF	34	37
149	TG	73	63
149	RANGE	8	7
	TOTALS	1,003	1,014

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	18
Support Equipment	138	138
Vehicle Equivalents	301	301

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KELLY AIR FORCE BASE TEXAS	UPGRADE HEATING AND COOLING SYSTEMS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55256F	821-116	MBPB939633	$1,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE HEATING AND COOLING SYSTEMS	LS			1,030
SUPPORTING FACILITIES				240
UTILITIES	LS			(200)
PAVEMENTS	LS			(30)
SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				1,270
CONTINGENCY (5%)				64
TOTAL CONTRACT COST				1,334
SUPERVISION, INSPECTION AND OVERHEAD (5%)				67
TOTAL REQUEST				1,401
TOTAL REQUEST (ROUNDED)				1,400

10. Description of Proposed Construction: Shutdown of the existing steam boilers and distribution system serving Buildings 935, 920, and 916 requires the installation of packaged heating and cooling systems. Also includes all utilities, pavements, site improvements, and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating and Cooling Systems (Current Mission)

REQUIREMENT: This is a Level I environmental compliance requirement. The base requires an energy efficient heating and cooling system which meets applicable clean air requirements mandated by the Clean Air Act Amendment of 1990.

CURRENT SITUATION: The central heat plant does not meet air quality emission standards. The oil fired boilers are antiquated and not energy efficient. Controls and monitoring systems are unreliable. Steam lines, plant piping, valves and stacks are corroded beyond tolerances. Sections of piping need frequent replacement. They often fail due to corrosion. Nondestructive testing of many sections of piping verified that the wall thickness below acceptable engineering tolerances. The chillers are over 20 years old and use refrigerant R 113 which is in con-compliance with the current law and is no longer manufactured. Kelly AFB is in an area that may be designated as non-attainment and reasonably available control technology will have to be implemented on existing sources.

IMPACT IF NOT PROVIDED: Possible failure of the heating and cooling system. Higher operating costs. Unable to meet local air quality standards. The Air National Guard could be fined and receive unfavorable publicity.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

KELLY AIR FORCE BASE TEXAS

4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING AND COOLING SYSTEMS	MBPB939633

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	93 OCT 22
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 NOV 01
(d)	Date Design Complete	95 APR 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	70
(b)	All Other Design Costs	28
(c)	Total	98
(d)	Contract	98
(e)	In-house	
(4)	Construction Start	96 MAR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION CAMP PENDLETON MILITARY RESERVATION, VIRGINIA		4. AREA CONSTR COST INDEX 0.92

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

4 Naval Installations, 1 Army Installation, 5 Army National Guard Facilities and 2 Army Reserve Facilities

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-425	VEHICLE MAINTENANCE COMPLEX	17,800 SF	2,000	DEC 92	JUN 94

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)

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
CAMP PENDLETON MILITARY RESERVATION, VIRGINIA

11. PERSONNEL STRENGTH AS OF 17 AUG 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	29	3	26	0	220	11	209
ACTUAL	29	3	26	0	198	11	187

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
203 RHCEF	220	198
TOTALS	220	198

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Mobility Equipment	76	54
Support Equipment	7	4
Vehicle Equivalents	230	166

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CAMP PENDLETON VIRGINIA	VEHICLE MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	214-425	ERVD889506	$2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
VEHICLE MAINTENANCE COMPLEX	SF	17,800		1,552
VEHICLE MAINTENANCE FACILITY	SF	7,200	110	(792)
VEHICLE OPERATIONS PARKING SHED	SF	6,000	50	(300)
CIVIL ENGINEERING HEAVY EQUIPMENT SHOP	SF	4,000	100	(400)
TRAINING AREA	SF	600	100	(60)
SUPPORTING FACILITIES				275
UTILITIES	LS			(100)
SITE IMPROVEMENTS/PAVEMENT/FENCING	LS			(150)
PRE-WIRED WORK STATIONS	LS			(25)
SUBTOTAL				1,827
CONTINGENCY (5%)				91
TOTAL CONTRACT COST				1,918
SUPERVISION, INSPECTION AND OVERHEAD (5%)				96
TOTAL REQUEST				2,014
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Walls of masonry with a steel joist and metal pan roof covered with rigid insulation and built-up roofing. Provide overhead crane/hoist. Parking shed shall be covered, three sided pre-engineered metal building on reinforced concrete foundation and floor slab. Provide utilities, pavements, fire protection, and support.
Air Conditioning: 10 Tons.

11. REQUIREMENT: 17,800 SF ADEQUATE: 0 SUBSTANDARD: 15,638 SF
PROJECT: Vehicle Maintenance Complex (Current Mission).
REQUIREMENT: Adequately sized and properly configured facilities are required for operational and training purposes to repair, maintain, and park organizational vehicles which include cars, trucks, and a variety of construction vehicles to completely beddown the assigned Rapid Engineering Deployment Heavy Operating Equipment Engineer (RED HORSE) squadron. The RED HORSE construction squadron has world wide mobility status on very short notice. The vehicles require maintenance bays for mechanical work, washrack for cleaning, fuel fill stands, parts/tool storage, paint booth, battery shop, and cover for heavy equipment and fleet vehicles. Training and administrative space for full-time and part-time personnel. Parking shed is required to protect unit resources from the weathering effect.
CURRENT SITUATION: The vehicle maintenance, training, and administrative operations are housed in scattered World War II temporary facilities excessed by the Army National Guard. These facilities are undersized poorly configured and remote from the RED HORSE squadron training area. Adequate space is not available for training of personnel or for proper maintenance of vehicles. The building is energy inefficient. The utility systems are undersized, old and deteriorated. The latrines are not

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

CAMP PENDLETON VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	ERVD889506

configured for the number of occupants or for the male/female ratio. Electrical and mechanical systems are not economical to repair due to age and lack of spare parts. The facilities do not represent a quality work and training place. This is the last project of a phased program to provide adequate facilities for this unit.

IMPACT IF NOT PROVIDED: Inability to properly train for the world wide commitment. Mission accomplishment, combat readiness, personnel recruiting and retention are degraded. Energy use continues to be excessive. Safety and environmental concerns continue to disrupt the work place.

ADDITIONAL: The existing vehicle maintenance facility (Building 428 at 4,450 SF) shall be returned to the Army National Guard for their use or disposal. Buildings 417 (5,460 SF), 418 (3,328 SF), and 424 (2,400 SF) for 11,188 SF will be demolished. Demolition costs will be minimal as the local fire departments will burn the facilities in controlled training exercises.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

CAMP PENDLETON VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE MAINTENANCE COMPLEX	ERVD889506

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 DEC 21
(b)	Percent Complete as of Jan 95	100%
(c)	Date 35% Designed	93 NOV 08
(d)	Date Design Complete	94 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	88
(b)	All Other Design Costs	44
(c)	Total	132
(d)	Contract	132
(e)	In-house	
(4)	Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-152	ADD TO AND ALTER F-16 AIRCRAFT MAINTENANCE COMPLEX	23,100 SF	2,700	JAN 92	FEB 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)
214-425	VEHICLE MAINTENANCE COMPLEX	14,300 SF	1,550
442-758	BASE SUPPLY COMPLEX	32,400 SF	4,900
871-183	UPGRADE BASE DRAINAGE	LS	460

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RICHMOND IAP (BYRD FIELD) VIRGINIA	ADD TO AND ALTER F-16 AIRCRAFT MAINTENANCE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	211-152	CVVM000942	$2,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER MAINTENANCE COMPLEX	SF	23,100		1,198
ADD TO GENERAL PURPOSE SHOPS	SF	2,900	95	(276)
ALTER GENERAL PURPOSE SHOPS	SF	15,700	42	(659)
ALTER NON-DESTRUCTIVE INSPECTION SHOP	SF	500	86	(43)
ALTER ORGANIZATIONAL/DCM COMPLEX	SF	4,000	55	(220)
SUPPORTING FACILITIES				1,260
UTILITIES	LS			(450)
REPLACE ROOF/REMOVE ASBESTOS	LS			(200)
REPLACE WINDOWS/SIDING/HANGAR DOORS	LS			(410)
PRE-WIRED WORK STATIONS	LS			(200)
SUBTOTAL				2,458
CONTINGENCY (5%)				123
TOTAL CONTRACT COST				2,581
SUPERVISION, INSPECTION AND OVERHEAD (5%)				129
TOTAL REQUEST				2,710
TOTAL REQUEST (ROUNDED)				2,700

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry walls and built up roof. Alteration: Rearrange interior walls, extend utilities. Replace roof, siding, windows and hangar doors. Upgrade interior and exterior electrical service. Provide fire protection, utility connections, site improvements and paving. Remove asbestos.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 33,100 SF ADEQUATE: 10,000 SF SUBSTANDARD: 20,200 SF
PROJECT: Add to and Alter F-16 Aircraft Maintenance Complex (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. Adequate facilities are necessary to support the aircraft maintenance functions associated with the F-16 aircraft. This includes the aircraft's general purpose shops, organizational maintenance shop, control, planning, scheduling, documentation, material control, quality control, records, and administration functions that tie the maintenance organization together. The utilities, HVAC, building envelope, and fire protection systems need to be upgraded to meet current safety and environmental criteria.
CURRENT SITUATION: The base has insufficient shop space to support the F-16 aircraft. The general purpose maintenance shops occupy a structurally sound building that has not been significantly upgraded from its originally designed purpose of maintaining Korean War vintage aircraft. There are numerous health and safety violations. The electrical system is undersized and cannot support the new equipment load. The shop space is approximately 50% of the minimum required. The shops are configured for A 7 aircraft which is no longer in the inventory. The

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

RICHMOND IAP (BYRD FIELD) VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER F-16 AIRCRAFT MAINTENANCE COMPLEX	CVVM000942

F-16 shops are considerable different than the A-7. This project will add and upgrade the shop spaces so that the unit is able to safely and efficiently support the F-16 aircraft. The siding is asbestos. The single pane windows are energy inefficient and the roof leaks. The electric service that feeds the hangar is old and cannot be upgraded to meet the expanded needs of the new equipment. The heating system is also antiquated and needs to be reconfigured for the new shop layout. The hangar doors do not work properly. They are a constant source of maintenance and safety related problems. The hangar and shops are not a quality work and trainingplace. This project has been assigned a Risk Assessment Code (RAC) of 3 by the authority having jurisdiction.

IMPACT IF NOT PROVIDED: Crowded and unsafe conditions. The potential remains high for a safety and/or environmental accident to occur. Lost, inefficient and degraded training. Unit is unable to reach full operational capability. Energy continues to be lost through an inefficient building envelope.

ADDITIONAL: A life cycle cost analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates that an addition to and renovation of the existing is the most economical alternative.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

RICHMOND IAP (BYRD FIELD) VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER F-16 AIRCRAFT MAINTENANCE COMPLEX	CVVM000942

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	92 JAN 29
(b)	Percent Complete as of Jan 95	95%
(c)	Date 35% Designed	94 AUG 01
(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	135
(b)	All Other Design Costs	54
(c)	Total	189
(d)	Contract	189
(e)	In-house	
(4)	Construction Start	96 JUL

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION TRUAX FIELD, WISCONSIN		4. AREA CONSTR COST INDEX 1.00

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 Center, 2 Army Reserve Centers and 1 Naval Reserve Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
216-642	ALTER MUNITIONS FACILITIES	14,000 SF	670	JUL 92	SEP 94

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)
124-135	JET FUEL STORAGE COMPLEX	LS	4,000

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

3. INSTALLATION AND LOCATION
TRUAX FIELD, WISCONSIN

11. PERSONNEL STRENGTH AS OF 17 JUL 94

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	390	27	296	67	1,077	122	955
ACTUAL	342	27	250	65	1,007	119	888

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
115	SER FT	30	27
115	OPS GP	3	1
115	LG	16	16
115	SG	5	5
115	OSF	25	27
128	FW	50	43
176	FS	42	45
115	MSF	34	30
115	MEDS	66	67
115	CES	134	125
115	CF	42	38
115	MS	434	398
115	LS	107	101
115	SPS	57	51
HQ	WIANG	32	33
	TOTALS	1,077	1,007

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	21
C-26 Aircraft	1	1
Support Equipment	127	122
Vehicle Equivalents	332	345

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRUAX FIELD WISCONSIN	ALTER MUNITIONS FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	216-642	XGFG899736	$670

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER MUNITIONS FACILITIES	SF	14,000		536
ALTER MUNITIONS SHOP	SF	10,800	36	(389)
ALTER MAGAZINE STORAGE	SF	3,200	46	(147)
SUPPORTING FACILITIES				75
UTILITIES	LS			(25)
PAVEMENTS	LS			(40)
SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				611
CONTINGENCY (5%)				31
TOTAL CONTRACT COST				642
SUPERVISION, INSPECTION AND OVERHEAD (5%)				32
TOTAL REQUEST				674
TOTAL REQUEST (ROUNDED)				670

10. Description of Proposed Construction: Change the interior and exterior configuration of the building. Reslope the roof line. Modify and extend the interior and exterior utility and fire protection system. Construct RAMS Pad. All utilities, site improvements and support.

11. REQUIREMENT: 14,000 SF ADEQUATE: 0 SUBSTANDARD: 14,000 SF

PROJECT: Alter Munitions Facilities (Current Mission).

REQUIREMENT: The base requires a facility for the training and safe handling of munitions. Functional areas include: maintenance bays, equipment storage, tool room, locker rooms, classrooms, administrative areas, and secure munitions storage.

CURRENT SITUATION: The munitions shop is located in Building 1212 which is a 1954 vintage rocket check-out and assembly building constructed of 12 inch thick reinforced concrete walls. The building was not configured for modern munitions. The building is poorly configured and has many violations of safety practices for maintenance and servicing of missile and munitions systems. The F-16 munitions are considerably different than previous munitions. The shop space needs to be reconfigured for safe handling of and training on munitions. Some shops are too small and others are too large. A pad for the rapid assembly of munitions does not exist. The electrical system is not in accordance with the National Electric Code.

IMPACT IF NOT PROVIDED: Training and maintenance is difficult under the crowded, unsafe conditions. Lack of adequate areas directly impacts unit capability to support the F-16 and could result in a serious munitions accident. Unable to reach full operational capability.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
TRUAX FIELD WISCONSIN	
4. PROJECT TITLE	5. PROJECT NUMBER
ALTER MUNITIONS FACILITIES	XGFG899736

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	92 JUL 07
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	93 NOV 29
(d) Date Design Complete	94 SEP 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	32
(b) All Other Design Costs	21
(c) Total	53
(d) Contract	53
(e) In-house	
(4) Construction Start	96 APR

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

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION PUERTO RICO IAP, PUERTO RICO		4. AREA CONSTR COST INDEX 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 1996

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	3,800	FEB 91	APR 95
610-287	ADD TO AND ALTER COMPOSITE SUPPORT FACILITY	11,800 SF	510	OCT 91	FEB 95
872-841	UPGRADE SECURITY SYSTEM	LS	1,350	OCT 92	JUN 94

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)
214-467	REFUELING VEHICLE SHOP AND PAINT BAY	2,700 SF	460
722-351	DINING HALL AND MEDICAL TRAINING FACILITY	33,600 SF	4,400
730-142	FIRE STATION	10,600 SF	1,900

1. COMPONENT ANG	FY 1996 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE

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	1,015	104	911

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
156	FG	49	44
156	FGDET1	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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO	MUNITIONS MAINTENANCE AND STORAGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	216-642	TUMR899533	$3,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MUNITIONS MAINTENANCE/STORAGE COMPLEX	SF	17,900		2,394
MUNITIONS MAINTENANCE	SF	12,100	135	(1,634)
STORAGE IGLOOS	SF	3,600	150	(540)
SEGREGATED MAGAZINE	SF	2,200	100	(220)
SUPPORTING FACILITIES				1,000
UTILITIES	LS			(100)
PAVEMENTS	LS			(100)
SITE IMPROVEMENTS	LS			(50)
SECURITY IMPROVEMENTS	LS			(750)
SUBTOTAL				3,394
CONTINGENCY (5%)				170
TOTAL CONTRACT COST				3,564
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				232
TOTAL REQUEST				3,796
TOTAL REQUEST (ROUNDED)				3,800

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry and reinforced concrete walls, and built-up roof. Metal building with concrete floor for storage. Earth covered igloos. All utilities, security measures and necessary support.
Air Conditioning: 5 Tons.

11. REQUIREMENT: 17,900 SF ADEQUATE: 0 SUBSTANDARD: 4,002 SF
PROJECT: Munitions Maintenance and Storage Complex (New Mission).
REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. The base requires properly sited and configured facilities for the storage of training and live munitions and missiles. Also facilities to house administrative and maintenance personnel performing day to day munitions disassembly, inspection, cleaning, and repair are required. Functional areas include administration, training, and storage.
CURRENT SITUATION: The munitions maintenance and storage complex does not satisfy the safety and quantity distance (Q-D) or the munitions storage requirements for the F-16 weapons systems. Numerous safety Q-D waivers are necessary to operate in the facility. The building is grossly undersized and cannot be expanded or modified in this location. The safety zone extends outside the ANG property and impacts the airport and other recreational areas. Storage of the munitions is done, on an interim basis, at Camp Santiago, which is located over an hour away (50 miles). This is operationally unacceptable. The Army National Guard needs these igloos back and has asked for their return. Training and live missile storage is severely curtailed. It requires traveling to Camp Santiago on a daily basis. Upon completion of this project, Building 7 at 4,002 SF will be demolished.
IMPACT IF NOT PROVIDED: The munitions maintenance and storage complex

1. COMPONENT	FY 1996 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
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	TUMR899533

cannot safely and efficiently support the F-16 aircraft weapons systems. The inspection, repair, maintenance, and storage of munitions and associated training is severely impaired, resulting in significant degradation of the mission. The unit is unable to return the storage igloos to the Army National Guard. The unit cannot reach full operational capability. Substantial loss of training opportunities.
ADDITIONAL: An exception to the economic analysis requirement has been prepared for this project. The paper presents the rationale for only one alternative, which is to build a new facility due to safety and security criteria.

1. COMPONENT	FY 1996 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
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	TUMR899533

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 FEB 04
(b)	Percent Complete as of Jan 95	40%
(c)	Date 35% Designed	94 OCT 15
(d)	Date Design Complete	95 APR 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	121
(b)	All Other Design Costs	43
(c)	Total	164
(d)	Contract	164
(e)	In-house	
(4)	Construction Start	96 JUN

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUERTO RICO IAP PUERTO RICO	ADD TO AND ALTER COMPOSITE SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	610-287	TUMR909776	$510

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER COMPOSITE SUPPORT FAC	SF	11,800		406
ALTER HEADQUARTERS	SF	2,700	25	(68)
ALTER GROUP HEADQUARTERS	SF	4,100	25	(103)
ALTER DISASTER PREPAREDNESS TRAINING	SF	3,000	25	(75)
ADD DISASTER PREPAREDNESS STORAGE	SF	1,000	60	(60)
ADD PHYSICAL FITNESS CENTER	SF	1,000	100	(100)
SUPPORTING FACILITIES				50
PRE-WIRED WORK STATIONS	LS			(50)
SUBTOTAL				456
CONTINGENCY (5%)				23
TOTAL CONTRACT COST				479
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				31
TOTAL REQUEST				510
TOTAL REQUEST (ROUNDED)				510

10. Description of Proposed Construction: Alterations: Remove, replace, relocate interior walls; upgrade existing central air conditioning system; upgrade mechanical and electrical systems; upgrade utility systems and fire protection; and provide pre-wired work stations. New construction to match existing pre-engineered type building.
Air Conditioning: 60 Tons.

11. REQUIREMENT: 11,800 SF ADEQUATE: 0 SUBSTANDARD: 9,800 SF
PROJECT: Add to and Alter Composite Support Facility (Current Mission).
REQUIREMENT: An adequately sized and properly configured composite facility for the State Headquarters staff, the Group Commander and his staff, and the Disaster Preparedness training section. A storage area is also required for Disaster Preparedness and the base needs a Physical Fitness Center.
CURRENT SITUATION: Building 22, the current Squadron Operations facility, requires interior reconfiguration since some rooms are too small while others are too large to meet the needs of the new functions. Disaster Preparedness is squeezed into a 731 SF classroom, has no secure storage area, and is short 2,269 SF. State Headquarters occupies 910 SF in a facility that has to be returned to the city in FY96 and is 1,790 SF short. Group Headquarters is spread over six buildings, lacks adequate training classrooms, briefing areas, office space and is short 4,880 SF. The base currently has no physical fitness area where a small number of aerobics equipment can be placed. The utilities in this area provide marginal service at best and are constantly breaking down. The latrines areas are antiquated and not properly configued for the number of male and female using the facility. The facility does not represent a quality work and training place.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

PUERTO RICO IAP PUERTO RICO

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER COMPOSITE SUPPORT FACILITY	TUMR909776

IMPACT IF NOT PROVIDED: °The various base functions would remain in severely crowded space which negatively affects training and readiness. The Air National Guard would not be able to return a building to the city in FY96. The utilities in these areas cause unscheduled outages and compromising safety. All of these factors affect the performance of the base, lower mission capability, affect morale, decrease retention rate and compromise safety.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION

PUERTO RICO IAP PUERTO RICO

4. PROJECT TITLE	5. PROJECT NUMBER
ADD TO AND ALTER COMPOSITE SUPPORT FACILITY	TUMR909776

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:		
(a)	Date Design Started	91 OCT 18
(b)	Percent Complete as of Jan 95	95%
(c)	Date 35% Designed	94 JAN 15
(d)	Date Design Complete	95 FEB 15
(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	18
(b)	All Other Design Costs	11
(c)	Total	29
(d)	Contract	29
(e)	In-house	
(4) Construction Start		96 MAY

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO	UPGRADE SECURITY SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	872-841	TUMR929918	$1,350

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE SECURITY SYSTEM	LS			1,220
SUBTOTAL				1,220
CONTINGENCY (5%)				61
TOTAL CONTRACT COST				1,281
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				83
TOTAL REQUEST				1,364
TOTAL REQUEST (ROUNDED)				1,350

10. Description of Proposed Construction: Provide and install modern, state-of-the-art security system including all equipment and controls.

11. REQUIREMENT: As required.

PROJECT: Upgrade Security System (New Mission).

REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft. The base requires a complete and modern security system to protect the F-16's parked on the apron.

CURRENT SITUATION: In 1981 the base was attacked by terrorists and nine A-7 aircraft were destroyed on the ramp. Subsequently, security measures were taken to protect the aircraft parking apron. These include: a double security fence with controlled entry gates, interior and exterior perimeter lights, visual control tower, fence sensors, Closed Circuit Television (CCTV), and response teams. The existing aircraft parking apron and adjacent operational areas are totally enclosed behind a protection system. The expansion of the apron and operational areas by a FY 94 MILCON project for the F-16 aircraft conversion, makes it necessary to expand the security system to enclose the new facilities and expanded areas. It is also necessary to upgrade the existing security system based on current technology. Another incident in Spring of 1991 damaged two more A-7 aircraft. Security officials have verified that the threat is still a valid concern.

IMPACT IF NOT PROVIDED: Unable to secure the F-16 aircraft parking apron and the adjacent operational area. Possible compromise, damage or loss of aircraft. Existing security system not fully operational and has out dated equipment that cannot fully protect the aircraft. Easier to bypass outdated technology. New apron area cannot be used for operations.

1. COMPONENT	FY 1996 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
UPGRADE SECURITY SYSTEM	TUMR929918

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	92 OCT 01
(b) Percent Complete as of Jan 95	100%
(c) Date 35% Designed	93 OCT 15
(d) Date Design Complete	94 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	70
(b) All Other Design Costs	28
(c) Total	98
(d) Contract	98
(e) In-house	
(4) Construction Start	96 JUN

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

1. COMPONENT	FY 1996 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 96	VARIOUS

STATE AND LOCATION / PROJECT NUMBER	PROJECT TITLE	COST
CALIFORNIA		
SEPULVEDA AIR NAT'L GUARD STATION		
VHRJ939778	REPLACE UNDERGROUND FUEL STORAGE TANKS	320

Removes and replaces 2 underground storage tanks and removes only 6 tanks to preclude contamination of soil and the aquifer. This is a level II environmental compliance project and includes all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available (Current Mission)

GEORGIA		
GLYNCO AIR NATIONAL GUARD STATION		
JASR929751	REPLACE UNDERGROUND FUEL STORAGE TANKS	320

Replaces 4 fuel storage tanks, fueling systems, and appurtenances to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project and includes all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

GEORGIA		
HUNTER ANG STATIONS NO. 2		
UZYJ909632	REPLACE UNDERGROUND FUEL STORAGE TANKS	400

Replaces 6 tanks and remove only 5 other tanks. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project and includes all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

IDAHO		
BOISE AIR TERMINAL (GOWEN FIELD)		
BXRH939586	REMOVE UNDERGROUND FUEL STORAGE TANKS	320

Removes 15 underground fuel storage tanks. The base has no use for these tanks, and state and local environmental protection agencies require they be removed. This is a level II environmental compliance project and includes disposal of the tanks, tank residue, and contaminated soil. (Current Mission)

1. COMPONENT	FY 1996 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 96	VARIOUS

STATE AND LOCATION PROJECT NUMBER	PROJECT TITLE	COST
ILLINOIS		
GREATER PEORIA AIRPORT (ANG) JLQN939878	AIRCRAFT DEICING FACILITY	400

Provides a deicing apron for the aircraft in winter months that will comply with all environmental rules. The apron will also serve as an outside washrack. This is a Level II environmental compliance project and includes site preparation, paving, and a deicing glycol recovery/recycling system which will meet environmental requirements. (Current Mission)

MASSACHUSETTS		
WORCESTER ANG STATION ZHAH939614	ADD TO AND ALTER VEHICLE MAINTENANCE FACILITY	350

Provides a sufficiently sized and properly configured vehicle maintenance facility with a properly sized refueler bay and paint spray booth. The shop will comply with hazardous location criteria and be configured to meet environmental requirements. This is a Level I environmental compliance project and includes site work, asbestos removal, pavements, and utilities. (Current Mission)

MINNESOTA		
MINNEAPOLIS ST PAUL INT'L AIRPORT QJKL949505	AIRCRAFT DEICING FACILITY	400

Provides a deicing apron for the aircraft in winter months that will comply with all environmental rules. The apron will also serve as an outside washrack. This is a Level I environmental compliance project and includes site preparation, paving, and a deicing glycol recovery system which will meet environmental requirements. (Current Mission)

NEW YORK		
NIAGARA FALLS INTERNATIONAL AIRPORT RVKQ949647	UPGRADE STORM AND SANITARY SEWER SYSTEM	400

Upgrades storm drain and sanitary sewer system by providing new, adequately sized, sanitary sewer lines and storm drainage pipes. This is a Level I environmental compliance project which expands both systems and installs the catch basins and oil/water separators required to comply with the environmental requirements of the clean water act. (Current Mission)

1. COMPONENT	FY 1996 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 96	VARIOUS

STATE AND LOCATION / PROJECT NUMBER	PROJECT TITLE	COST
OHIO		
BLUE ASH ANG STATION BVGM929908	REPLACE UNDERGROUND FUEL STORAGE TANKS	380

Replaces 7 tanks. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

OHIO		
CAMP PERRY ANG STATION EUBC939780	REPLACE UNDERGROUND FUEL STORAGE TANKS	320

Replaces 4 tanks. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

OHIO		
RICKENBACKER ANG BASE NLZG909546	REPLACE UNDERGROUND FUEL STORAGE TANKS	310

Replaces 2 tanks and 3 oil/water separators. This work is needed to conform to EPA regulations and to preclude contamination of the soil and aquifer. This is a level II environmental compliance project, and includes excavation; removal of the tanks; disposal of the tanks, tank residue, and contaminated soil; and all site work and restoration. Tank replacement system should use the most economic and environmentally efficient fuel source available. (Current Mission)

OKLAHOMA		
WILL ROGERS WORLD AIRPORT YZEU949739	PETROLEUM OPERATIONS FACILITY	400

Replaces the existing building with an adequately sized and properly configured facility. The present inadequate facility must be demolished to provide proper access to the new fire station. This project includes modern fuel testing equipment in an explosion proof environment, and provides utilities, pavements, and site improvements. (Current Mission)

1. COMPONENT	FY 1996 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	AAAA929930	$4,580

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN	LS			4,580
SUBTOTAL				4,580
TOTAL CONTRACT COST				4,580
TOTAL REQUEST				4,580

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 97 and begin the design for projects to be included in FY 98.

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 97-99 programs. The ANG requires the design money in FY 96 to insure the design milestones for FY 97 and FY 98 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 96 and FY 97 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 1996 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	AAAA929930

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.

1. COMPONENT	FY 1996 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	AAAA929930

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 1996

APPROPRIATION:	MILITARY CONSTRUCTION -- AIR NATIONAL GUARD	
PROGRAM 313:	PLANNING AND DESIGN	$4,580,000

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 1996 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	AAAA929931	$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 1995, FY 96 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 96 Milcon and these projects cannot wait for inclusion in the FY 97 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 1996 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	
VARIOUS LOCATIONS (UNSPECIFIED)	
4. PROJECT TITLE	5. PROJECT NUMBER
UNSPECIFIED MINOR CONSTRUCTION	AAAA929931

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 1996

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.