AIR NATIONAL GUARD

Fiscal Year (FY) 2007
BUDGET ESTIMATES

MILITARY CONSTRUCTION

APPROPRIATION 3830

Justification Data Submitted to Congress

February 2006

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

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SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM - FY 2007

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT ($000)	PAGE NO.
California	**March Air Reserve Base (ARB)**		
	Predator Operations and Training Complex	6,000	II-1
	Sub-Total California	**6,000**	
Georgia	**Savannah/Hilton Head International Airport (IAP)**		
	Replace Operations, Training and Security Forces Complex	7,100	II-4
	Sub-Total Georgia	**7,100**	
Indiana	**Fort Wayne International Airport (IAP)**		
	Replace Security Forces Operations and Training Facility	4,300	II-7
	Sub-Total Indiana	**4,300**	
North Carolina	**Stanly County Airport (AP)**		
	Relocate Communications and Electronics Training Complex	5,100	II-10
	Sub-Total North Carolina	**5,100**	
North Dakota	**Hector Field Airport (IAP)**		
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	Sub-Total North Dakota	**5,500**	
Pennsylvania	**State College ANG Station**		
	Replace Air Operations Squadron Training Facility	5,300	II-16
	Sub-Total Pennsylvania	**5,300**	
Tennessee	**Memphis International Airport (IAP)**		
	C-5 Infrastructure Upgrade	5,000	II-19
	C-5 Replace Fire Crash Rescue Station	4,350	II-22
	C-5 Replace Squadron Operations and Simulator Facility	10,000	II-25
	C-5 Replace Aircraft Support Equipment Shop and Storage	4,400	II-28
	Sub-Total Tennessee	**23,750**	
Texas	**Ellington Field Airport (AP)**		
	Predator Operations Complex	6,000	II-31
	Sub-Total Texas	**6,000**	

STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT ($000)	PAGE NO.
West Virginia	**EWVRA-Shepherd Field**		
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	C-5 Replace Base Supply Facility	5,700	II-37
	C-5 Upgrade/Extend Runway and Taxiways	20,500	II-40
	Sub-Total West Virginia	**33,700**	
Wyoming	**Cheyenne Municipal Airport (MAP)**		
	Add to and Alter Fire Crash/Rescue Station	4,200	II-43
	Sub-Total Wyoming	**4,200**	
	SUB-TOTAL -- ALL BASES	**100,950**	
	PLANNING AND DESIGN	**18,838**	II-46
	UNSPECIFIED MINOR CONSTRUCTION	**6,000**	II-48
	SUB-TOTAL -- SUPPORT COSTS	**24,838**	
	GRAND TOTAL	**125,788**	

NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2007

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
March Air Reserve Base (ARB), CA	Predator Operations and Training Complex	6,000	N
Savannah/Hilton Head (IAP), GA	Replace Operations, Training and Security Forces Complex	7,100	C
Fort Wayne International Airport (IAP), IN	Replace Security Forces Operations and Training Facility	4,300	C
Stanly County Airport (AP), NC	Relocate Communications and Electronics Training Complex	5,100	C
Hector Field Airport (IAP), ND	Predator Operations Complex	5,500	N
State College ANG Station, PA	Replace Air Operations Squadron Training Facility	5,300	C
Memphis IAP, TN	C-5 Infrastructure Upgrade	5,000	N
	C-5 Replace Fire Crash Rescue Station	4,350	N
	C-5 Replace Squadron Operations and Simulator Facility	10,000	N
	C-5 Replace Aircraft Support Equipment and Storage	4,400	N
Ellington Field Airport (AP), TX	Predator Operations Complex	6,000	N
EWVRA-Shepherd Field, WV	C-5 Replace Fire, Crash and Rescue Station	7,500	N
	C-5 Replace Base Supply Facility	5,700	N
	C-5 Upgrade/Extend Runway and Taxiways	20,500	N
Cheyenne Municipal Airport (MAP), WY	Add to and Alter Fire Crash/Rescue Station	4,200	C
	PLANNING AND DESIGN	**18,838**	
	UNSPECIFIED MINOR CONSTRUCTION	**6,000**	
	TOTAL ENERGY	**0**	
	TOTAL ENVIRONMENTAL	**0**	
	TOTAL NEW MISSION (10)	**74,950**	
	TOTAL CURRENT MISSION (5)	**26,000**	
	GRAND TOTAL - FY 2007 REQUEST	**125,788**	

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, $125,788 to remain available until September 30, 2011.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

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

Flood Plain Management and Wetland Protection

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

Design for Accessibility of Physically Handicapped Personnel

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

Preservation of Historical Sites and Structures

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

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS
(continued)

Reserve Manpower Potential

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

Potential Use of Vacant Schools and Other State and Local Facilities

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

Construction Criteria Manual

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

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MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARCH AIR RESERVE BASE (ARB), CALIFORNIA	PREDATOR OPERATIONS AND TRAINING COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53219F	171-447	PDPG069054	$6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PREDATOR OPERATIONS AND TRAINING COMPLEX	SM	6,381		3,873
UPGRADE OPERATIONS AND TRAINING COMPLEX	SM	5,337	409	(2,183)
CONVERT OPERATIONS AND TRAINING COMPLEX	SM	1,044	1,485	(1,550)
ANTITERRORISM/FORCE PROTECTION	SM	6,381	22	(140)
SUPPORTING FACIILTIES	LS			1,525
COMMUNICATIONS SUPPORT	LM	3,094	213	(659)
SITE WORK	LS			(180)
STANDBY AND UN-INTERRUPTABLE POWER SUPPLY	LS			(275)
UTILITIES AND AREA LIGHTING	LS			(110)
FENCING AND GATES	LM	1,036	180	(186)
PASSIVE FORCE PROTECTION	LS			(115)
SUBTOTAL				5,398
CONTINGENCY (5%)				270
TOTAL CONTRACT COST				5,668
SUPERVISION, INSPECTION AND OVERHEAD (6%)				340
TOTAL REQUEST				6,008
TOTAL REQUEST (ROUNDED)				6,000

10. Description of Proposed Construction: Upgrade: Interior finishes and utilities to meet current code requirements and support functional requirements. Convert: Move interior partitions and utility services to support functional requirements including electrical and mechanical systems, fire protection, security alarms and communication support. Extensive heating, ventilating and air conditioning support is required. Exterior work includes pavements and site improvements, back-up power, un-interruptible power system, security fence with electronic access personnel gate and manual vehicular access gate. Provide antiterrorism/force protection measures as appropriate.
Air Conditioning: 350 KW.

11. REQUIREMENT: 6,381 SM ADEQUATE: 0 SM SUBSTANDARD: 6,381 SM
PROJECT: Predator Operations and Training Complex (New Mission)
REQUIREMENT: The 163rd Air Refueling Wing (ARW), March Air Reserve Base (ARB) has been selected as the initial California beddown site for a predator operations squadron, formal training unit and formal training detactment. This new mission assignment does not include maintenance or launch/recovery functions for the Predator. The unit has been tasked to achieve full operational capability (FOC) of their mission operations and formal training function by Jan 08. The unit requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one plug and play deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, a Predator squadron operations area, a Predator operations formal training unit (FTU) and a Predator maintenance formal training detactment (FTD). The complex requires robust and redundant commuications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. Beddown of this new mission is being done in two parts – an initial operating capability executed in FY06, and this follow-on for full operational capability.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE (ARB), CALIFORNIA

5. PROJECT TITLE	7. PROJECT NUMBER
PREDATOR OPERATIONS AND TRAINING COMPLEX	PDPG069054

CURRENT SITUATION: The flying mission at March was eliminated as part of BRAC 2005 recommendation # 83. The departure of KC 135 tanker flight operations and maintenance frees up facility space that can be renovated to support this new Predator mission. Building 2315, at 1,991 SM (21,920 SF), is a general purpose shops and communications facility. Building 2271, at 2,111 SM (22,727 SF), is a squadron operations facility built in 1983. Building 2305, at 2,455 SM (26,430 SF), is an aircraft hangar. These facilities can be modified to support the new mission. The POC requires a certified SCIF space which must be included in this project. The allocation of space within these facilities is as follows: modify 465 SM (5,000 SF) for three ground control station (GCS) operations facilities; modify 465 SM (5,000 SF) for a three orbit predator operations center (POC) to support the mission operations; modified 1173 SM (12,623 SF) of the squadron operations facility to support predator squadron operations. Modify 946 SM (10,180 SF) of the facility to support the exisitng communications and FTU operations requirements. Minimum modification of 2,455 SM (26,430 SF) to include the interior floor plan and upgrade of utilites to meet current code is required for the FTD. It can be converted to support the three MQ-1 Predator/MQ-9, Predator B mockups necessary for the training unit. Extensive interior renovations are necessary to satisfy the requirements of the UAV formal training unit (FTU) mission. The POC/GCS/PPSL facility also must have an un-interruptible power supply capability. Providing un-interupted power and communications to these facilities is critcal to their mission. The base has sufficient back-up power available, but the un-interrupted power supply (UPS) must be installed to handle the cut over to generator power which can take from a few seconds to a few minutes. The communications network on base is currently undergoing upgrades. The Predator facilities must be connected to the base switch and base service provider in such a way that provides redundancy in the system. Allied support for installation of communication lines should include ducts to connect buildings 2270, 2271, 2305, 2315, and 2407.

IMPACT IF NOT PROVIDED: The Predator mission will not reach full operational capability by the date specified in AF directives. Forced use of exisitng facilities would result in security violations due to the high sensitivity of this mission. Failure to achieve FTU capability will also prevent active duty and ANG from training personnel critical to this new mission area.

ADDITIONAL: Remotely piloted vehicles (RPV) are a new mission to the Air National Guard. The scope of this project was developed by comparing the Active Duty criteria with the ANG Handbook 32-1084 for similar squadron operations facilities. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

MODIFY OPERATIONS AND TRAINING COMPLEX	5,337 SM = 57,442 SF
CONVERT OPERATIONS AND TRAINING COMPLEX	1,044 SM = 11,240 SF
COMMUNICATIONS ALLIED SUPPORT	3,094 LM = 10,150 LF
FENCING AND GATES	1,036 LM = 3,400 LF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE (ARB), CALIFORNIA

5. PROJECT TITLE	7. PROJECT NUMBER
PREDATOR OPERATIONS AND TRAINING COMPLEX	PDPG069054

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2005
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2006	35%
* (d) Date 35% Designed	DEC 2005
(e) Date Design Complete	JUL 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	360
(b) All Other Design Costs	180
(c) Total	540
(d) Contract	540
(e) In-House	
(4) Contract Award (Month/Year)	DEC 2006
(5) Construction Start	FEB 2007
(6) Construction Completion	MAR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MR RICHARD G. THOMAS
(301) 836-7130

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SAVANNAH/HILTON HEAD INTERNATIONAL AIRPORT (IAP), GEORGIA	REPLACE OPERATIONS, TRAINING AND SECURITY FORCES COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-445	XDQU049024	$7,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE OPERATIONS AND TRAINING COMPLEX	SM	3,251		5,670
OPERATIONS AND TRAINING AREA	SM	2,183	1,722	(3,759)
SECURITY FORCES AREA	SM	1,068	1,722	(1,839)
ANTI-TERRORISM/FORCE PROTECTION	SM	3,252	22	(72)
SUPPORTING FACILITIES				728
UTILITIES	LS			(200)
PAVEMENTS	LS			(180)
SITE IMPROVEMENTS	LS			(35)
DEMOLITION AND ASBESTOS REMOVAL	SM	3,286	86	(283)
PASSIVE FORCE PROTECTION MEASURES	LS			(10)
COMMUNICATIONS SUPPORT	LS			(20)
SUBTOTAL				6,398
CONTINGENCY (5%)				320
TOTAL CONTRACT COST				6,718
SUPERVISION, INSPECTION AND OVERHEAD (6%)				403
TOTAL REQUEST				7,121
TOTAL REQUEST (ROUNDED)				7,100

10. Description of Proposed Construction: Reinforced concrete pile foundation, steel-framed masonry walls, and roof structure. Interior partitions and utilities. Includes exterior utilities, access pavements, fire protection, communications system support extension, and site work. Demolish 10 buildings (3,286 SM) and landscape the grounds.
Air Conditioning: 245 KW.

11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 3,286 SM
PROJECT: Replace Operations, Training and Security Forces Complex (Current Mission).
REQUIREMENT: The 165th Airlift Wing (AW) and the Combat Readiness Training Center (CRTC), located at Savannah International Airport, require adequately sized and properly configured space for their operations and training (O&T), and security forces functions. The security forces space must accommodate base security operations, train personnel, store and maintain small arms, and store mobility equipment and vehicles.
CURRENT SITUATION: The 165th AW operations and training functions are housed in a structurally sound building. However, it only satisfies 75 percent of the minimum authorized square footage. The facility is malpositioned and is in the way of future development per the base master plan. Facility expansion is not possible due to land constraints. Construction of a new operations and training facility will allow this existing space to be converted for use by other functions on base with deficits - namely the dining hall, services and the communications functions. The security forces operate from four widely dispersed buildings. These block buildings were constructed as temporary facilities in the 1940's and 1950's and they have exceeded their economic life. The buildings are poorly configured, malpositioned, have inadequate interior utility support and fire protection systems. The security alarm room does not meet the minimum Air Force requirements and the lack of space particularly effects small arms storage and security operations. None of these facilities provide a quality work or training environment.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006

3. INSTALLATION AND LOCATION

SAVANNAH/HILTON HEAD INTERNATIONAL AIRPORT (IAP), GEORGIA

5. PROJECT TITLE	7. PROJECT NUMBER
REPLACE OPERATIONS, TRAINING AND SECURITY FORCES COMPLEX	XDQU049024

IMPACT IF NOT PROVIDED: Inadequate working and training space for operations, and security forces will continue. Significant space deficiencies degrade mission accomplishment and create manpower inefficiencies. High facility operating and maintenance costs continue and facility deficiencies causing health, fire, and safety hazards will remain. Quality of life continues to be far from desirable. Unit vulnerability to terrorist activity, and degraded physical security and force protection continue.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Anti-terrorism/force protection requirements have been considered in the development of this project. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the cost efficient over the life of the project. The following facilities will be demolished as a result of this project: Bldg 345 (41 SM); Bldg 341 (203 SM); Bldg 342 (203 SM); Bldg 343 (203 SM); Bldg 344 (203 SM); Bldg 1904 (1,067 SM); Bldg 1908 (289 SM); Bldg 337 (279 SM); Bldg 310 (378 SM); Bldg 360 (420 SM) for a total of 3,286 SM (35,370 SF).

OPERATIONS AND TRAINING AREA	2,183 SM = 23,750 SF
SECURITY FORCES AREA	1,068 SM = 11,620 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
SAVANNAH/HILTON HEAD INTERNATIONAL AIRPORT IAP, GEORGIA		
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE OPERATIONS, TRAINING AND SECURITY FORCES COMPLEX		XDQU049024

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	40%
* (d) Date 35% Designed	AUG 2005
(e) Date Design Complete	SEP 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	430
(b) All Other Design Costs	210
(c) Total	640
(d) Contract	640
(e) In-House	
(4) Contract Award (Month/Year)	MAR 2007
(5) Construction Start	APR 2007
(6) Construction Completion	MAY 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MS ELIZABETH MIERZWA
(301) 836-8047

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT WAYNE INTERNATIONAL AIRPORT (IAP), INDIANA	REPLACE SECURITY FORCES OPERATIONS AND TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	730-835	ATQZ019010	$4,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE SECURITY FORCES OPERATIONS	SM	1,686		2,787
OPERATIONS AND TRAINING AREA	SM	743	2,034	(1,511)
STORAGE AREA	SM	325	1,356	(441)
CATS/CATM AREA	SM	223	1,862	(415)
UPGRADE BUILDING 794	SM	395	969	(383)
ANTI-TERRORISM FORCE PROTECTION MEASURES	SM	1,686	22	(37)
SUPPORTING FACILITIES				1,078
UTILITIES	LS			(365)
PAVEMENTS	LS			(325)
SITE IMPROVEMENTS	LS			(130)
COMMUNICATIONS SUPPORT	LS			(30)
DEMOLISH BUILDINGS/ASBESTOS REMOVAL	SM	1,632	140	(228)
SUBTOTAL				3,865
CONTINGENCY (5%)				193
TOTAL CONTRACT COST				4,058
SUPERVISION, INSPECTION AND OVERHEAD (6%)				243
TOTAL REQUEST				4,301
TOTAL REQUEST (ROUNDED)				4,300

10. Description of Proposed Construction: Construct: Reinforced concrete foundation and floor slab, masonry walls, steel frame, and standing seam metal roof. Provide HVAC system, site development, parking lot and pavement, communication and utilities infrastructure support. Renovate the existing facility for use as CE Readiness, Demolish two facilities and landscape the site.
Air Conditioning: 175 KW.

11. REQUIREMENT: 1,686 SM ADEQUATE: 0 SM SUBSTANDARD: 395 SM
PROJECT: Replace Security Forces Operations and Training Facility (Current Mission).
REQUIREMENT: The 122nd Fighter Wing requires an adequately sized and properly configured security forces facility to support the operations and training requirements for its 15 PAA F-16 aircraft. The Security Forces Squadron is authorized 81 military personnel and 12 home station state personnel. Functional areas include: command, supervision, training and administrative areas, arms vault, Combat Arms Training and Maintenance (CATM), Combat Arms Training Simulator (CATS), general storage, mobility bag storage and storage of mobility vehicles. This facility supports mobility deployment for wartime or contingency operations.
CURRENT SITUATION: The Security Forces Squadron facility, building 794, is structurally sound but seriously undersized for its assigned mission. Security force functions are presently 70 percent short of authorized space and all operational activities take place in severely overcrowded conditions. This is one of the most undersized security operations facilities in the Air National Guard. The Central Security Control Center is not adequately sized to handle post 9/11 electronic surveillance equipment and personnel. The facility is malpositioned with respect to the gate complex affecting response time to the gate as well as visitor access to the pass and identification functions. Training and administrative spaces are grossly inadequate. The training classroom is designed for only 26 personnel, which forces multiple sessions to complete training for all 81 assigned personnel. Electrical, plumbing, and other services are over burdened, no longer effectively operate, and are beyond their economic life. Current conditions hinder security training and operations and are impacting force morale as well as mission

effectiveness. Mobility storage is spread throughout the base. Proper inventory is time consuming and takes away from the training time during drill periods as well as hampers control and accountability. Restrooms and lockers were sized for previous authorized squadron manning of 44 personnel which does not meet current requirements. Locker and guard mount spaces are critically undersized as well, having been sized for a unit 50 percent its current size. There are minimal and inadequate accommodations for females. The CATS and CATM are located in a 50 year old, antiquated separate facility, building 782. This separation results in inefficient operations and disjointed training. Building 782 is scheduled for demolition in FY 06 and CATS and CATM will be relocated to another substandard facility creating further degradation of the weapons training program.

IMPACT IF NOT PROVIDED: Excessive crowding of work and training areas negatively impact personnel during high operations tempo. Daily security operations continue to be hindered, as do mobility preparations. Training is ineffective. The entire weapons training program will be negatively impacted when CATS and CATM are relocated. Degraded quality of life affects morale, recruiting, and retention.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum force protection construction standards have been applied. Upon completion of this project, building 794 (previous Security Forces facility), will be reassigned as Civil Engineer Readiness, and will be remodeled. A large metal Butler-type building (bldg 301), is in the way of construction, and will be demolished. The following buildings will be demolished as a result of this project: 766 (517 SM) and 301 (1115 SM) for a total of 1632 SM.

CONSTRUCT SQ OPS	743 SM =	8,000 SF
CONSTRUCT STORAGE	325 SM =	3,500 SF
CONSTRUCT CATS/CATM	223 SM =	2,400 SF
RENOVATE BLDG 794	395 SM =	4,249 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
FORT WAYNE INTERNATIONAL AIRPORT (IAP), INDIANA		
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE SECURITY FORCES OPERATIONS AND TRAINING FACILITY		ATQZ019010

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAY 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	35%
* (d) Date 35% Designed	NOV 2005
(e) Date Design Complete	MAY 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	258
(b) All Other Design Costs	129
(c) Total	387
(d) Contract	387
(e) In-House	
(4) Contract Award (Month/Year)	MAY 2007
(5) Construction Start	JUN 2007
(6) Construction Completion	JUL 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STANLY COUNTY AIRPORT (AP), NORTH CAROLINA	RELOCATE COMMUNICATIONS & ELECTRONICS TRAINING COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-447	WEFM979532	$5,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RELOCATE COMMUNICATIONS TRAINING COMPLEX	SM	2,323		3,888
COMMUNICATIONS TRAINING AREA	SM	1,858	1,615	(3,001)
COMMUNICATION CENTER/VAULT AREA	SM	186	1,938	(360)
STATION COMMAND OFFICE/MEDICAL TRAINING	SM	279	1,722	(480)
ANTITERRORISM/FORCE PROTECTION	SM	2,118	22	(47)
SUPPORTING FACILITIES	LS			695
UTILITIES	LS			(190)
PAVEMENTS	LS			(285)
SITE IMPROVEMENTS	LS			(145)
COMMUNICATIONS SUPPORT	LS			(25)
SECURITY MEASURES	LS			(50)
SUBTOTAL				4,583
CONTINGENCY (5%)				229
TOTAL CONTRACT COST				4,812
SUPERVISION, INSPECTION AND OVERHEAD (6%)				289
TOTAL REQUEST				5,101
TOTAL REQUEST (ROUNDED)				5,100

10. Description of Proposed Construction: Concrete foundation and floor slab, combination masonry and metal exterior walls, structural steel frame and standing seam metal roof. Provide all utilities and site improvements. All interior walls, ceilings, and interior finishes. Roads and parking shall be asphalt concrete paved and perimeter security fence is required.
Air Conditioning: 158 KW.

11. REQUIREMENT: 2,323 SM ADEQUATE: 0 SM SUBSTANDARD: 1,938 SM
PROJECT: Relocate Communications And Electronics Training Complex (Current Mission).
REQUIREMENT: Adequate facilities are required to relocate the 263rd Combat Communications Squadron (CCS) from Badin Air Guard Station to Stanly County. The functional areas include electronic training area and administrative offices, electronic equipment maintenance area, communications vault and medical training area.
CURRENT SITUATION: The relocation of the Communications and Electronics Training facility from Baden Air Station to Stanly County Airport will complete the consolidation of all facilities originally located in two separate areas into one cantonment area. This one remaining facility operates in isolation; all other support for the Baden unit has been relocated to Stanly County. Land restrictions now severely limit training at Baden. Existing facilities located at Badin Air Guard Station are inadequate to support the mission. The Electronics Training Facility at Badin requires exterior finishes, a new roof and an electrical upgrade for code compliance. The existing fire alarm system is unreliable and inadequate. Resources for supporting two geographically separated units (Badin and Stanly County) are decreasing. Also, consolidation will simplify force protection requirements and anti-terrorism measures. In addition, the authorized strength of the 263rd Communications and Electronics Training Facility is not the standard 130 personnel, but 200, increasing the requirement for space.
IMPACT IF NOT PROVIDED: Inefficiencies due to two geographically separated units will continue and critical maintenance and training will remain restricted to a point of impacting the mobility mission of the 263rd CCS. Morale will deteriorate due to the inefficiencies and poor support, ultimately

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
STANLY COUNTY AIRPORT (AP), NORTH CAROLINA		
5. PROJECT TITLE		7. PROJECT NUMBER
RELOCATE COMMUNICATIONS & ELECTRONICS TRAINING COMPLEX		WEFM979532

effecting Status of Readiness and Training (SORTs) availability and ratings. The facility and the land/space training shortfalls will degrade SORTs training and operational readiness. Lack of training, combined with operations tempo will also affect Aerospace Expeditionary Force availability and mission sustainment.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" except for 204 SM (2200 SF) added to the Communications Traning area for additionally authorized manning. This project is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project 4,347 SM of facilities and 89 Hectares of property at Badin will be returned to the county. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This is the last project to relocate the unit from Badin to Stanley County Airport.

COMMUNICATIONS TRAINING AREA	1,858 SM = 20,000 SF
COMMUNICATINS CENTER/VAULT AREA	186 SM = 2,000 SF
STATION COMMAND OFFICE/MEDICAL TRNG	279 SM = 3,000 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

STANLY COUNTY AIRPORT (AP), NORTH CAROLINA

5. PROJECT TITLE	7. PROJECT NUMBER
RELOCATE COMMUNICATIONS AND ELECTRONICS TRAINING COMPLEX	WEFM979532

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	40%
* (d) Date 35% Designed	NOV 2005
(e) Date Design Complete	SEP 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	310
(b) All Other Design Costs	150
(c) Total	460
(d) Contract	460
(e) In-House	
(4) Contract Award (Month/Year)	APR 2007
(5) Construction Start	MAY 2007
(6) Construction Completion	JUN 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HECTOR FIELD AIRPORT (IAP), NORTH DAKOTA	PREDATOR OPERATIONS COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53219F	141-453	KKGA069089	$5,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PREDATOR OPERATIONS CENTER	SM	3,033		4,131
ADDITION TO PREDATOR CONTROL CENTER	SM	483	2,895	(1,398)
MODIFY PREDATOR CONTROL CENTER	SM	446	646	(288)
MODIFY PREDATOR SQUADRON OPERATIONS	SM	2,104	1,130	(2,378)
ANTITERRORISM/FORCE PROTECTION	SM	3,033	22	(67)
SUPPORTING FACIILTIES	LS			812
SITE WORK/FENCING/PAVEMENTS	LS			(135)
UN-INTERRUPTABLE POWER SYSTEMS	LS			(432)
UTILITIES	LS			(135)
PASSIVE FORCE PROTECTION	LS			(110)
SUBTOTAL				4,943
CONTINGENCY (5%)				247
TOTAL CONTRACT COST				5,190
SUPERVISION, INSPECTION AND OVERHEAD (6%)				311
TOTAL REQUEST				5,501
TOTAL REQUEST (ROUNDED)				5,500

10. Description of Proposed Construction: Add to: slab on grade metal framed and sided facility with standing seam metal roof complete with four overhead or roll-up type doors. Match existing architecture and interiors. Provide interior finishes and lighting, heating, ventilation, and air conditioning, alarm and camera systems, security lighting, fire protection and suppression, and back up electrical generator and un-interruptible power capability and a day tank. Provide grounding rods and points and floor mounted tie down rings. Install two government furnished 5 ton HVAC units. Alter: reconfigure interior partitions and upgrade finishes amd utilities to include walls, floor, ceilings, electrical and lighting, heating, ventilation, and air conditioning, plumbing, and fire detection and suppression and security alarms. Exterior: concrete pad, site improvements, pavements, utilities, fencing, and communications support. Apply antiterrorism/force protection measures as appropriate. Air Conditioning: 263 KW.

11. REQUIREMENT: 3,047 SM ADEQUATE: 223 SM SUBSTANDARD: 2,142 SM
PROJECT: Predator Squadron Operations (New Mission)
REQUIREMENT: The 119th Fighter Wing (ARW), Hector IAP has been selected as the initial North Dakota beddown site for a predator operations squadron. This new mission assignment does not include maintenance or launch/recovery functions for the Predator. The unit has been tasked to achieve full operational capability (FOC) of their mission operations by Jan 2008. The unit requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one plug and play deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, a Predator squadron operations area, and a Predator formal training unit (FTU). The complex requires robust and redundant commuications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. Beddown of this new mission is being done in

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006
3. INSTALLATION AND LOCATION		
HECTOR FIELD AIRPORT (IAP), NORTH DAKOTA		
5. PROJECT TITLE		7. PROJECT NUMBER
PREDATOR OPERATIONS COMPLEX		KKGA069089

two parts – an initial operating capability executed in FY06 project and this follow-on project for full operational capability.

CURRENT SITUATION: The F-16 flying mission at Hector was eliminated as part of BRAC 2005 recommendation number 105. The aircraft are currently scheduled to depart the base in FY07. Building 218 at 2,104 SM (22,651 SF) is the existing squadron operations facility. It was constructed in 1974 and has had several piecemeal revisions. The walls, foundation and roof leak during rain events. The facility was constructed with a lower roof over the central hallway and higher, roofs over the adjacent wings of the facility, creating a "bathtub" that fills and floods the entire center of the facility if and when the roof drains become plugged. The facility does not serve its purpose well due to the disjointed lay-out created by several additions. Extensive interior renovations will be necessary to satisfy the requirements of the Predator mission. The base has the ability to provide back-up power for all facilities, however an un-interruptible power capability is required for this facility to bridge the gap between power loss and generator start up. The FY06 project referenced above created the initial operating capability in building 208 by bedding down the mobile GCS and basic POC function. This project adds 484 SM (5,200 SF) to building 208 to provide the full requirement of a three unit capable POC, interior space for three GCSs and upgraded connectivity with the PPSL and communications switches. Minor adjustments to security fencing, alarms, lighting, and gates will also be required.

IMPACT IF NOT PROVIDED: The Predator mission will not reach full operational capability by the date specified in AF directives. Forced use of existing facilities would result in security violations due to the high sensitivity of this mission.

ADDITIONAL: Remotely piloted vehicles are a new mission to the Air National Guard. The scope of this project was developed from the same equipment and manpower criteria used to establish the Air National Guard Handbook 32-1084, "Facility Requirements". Additionally, the scope of this project was compared to the developing active duty criteria. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ADDITION TO PREDATOR CONTROL	483 SM = 5,200 SF
ALTER PREDATOR CONTROL	486 SM = 5,230 SF
ALTER PREDATOR SQUADRON OPERATIONS	2,104 SM = 22,651 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

HECTOR FIELD AIRPORT (IAP), NORTH DAKOTA

5. PROJECT TITLE	7. PROJECT NUMBER
PREDATOR OPERATIONS COMPLEX	KKGA069089

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2005
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2006	35%
* (d) Date 35% Designed	DEC 2005
(e) Date Design Complete	AUG 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	330
(b) All Other Design Costs	165
(c) Total	495
(d) Contract	495
(e) In-House	
(4) Contract Award (Month/Year)	JAN 2007
(5) Construction Start	FEB 2007
(6) Construction Completion	MAR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MS ASOLDE FORD-GILLETT
(301) 836-8049

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STATE COLLEGE ANG STATION, PENNSYLVANIA	REPLACE AIR OPERATIONS SQUADRON TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	171-447	WFGE039175	$5,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE AIR OPERATIONS SQUADRON FACILITY	SM	2,090		3,984
AIR OPERATIONS SQUADRON AREA	SM	1,951	1,884	(3,676)
HONOR GUARD AREA	SM	139	1,884	(262)
AT/FP PHYSICAL SECURITY MINIMUM STANDARDS	SM	2,090	22	(46)
SUPPORTING FACILITIES				790
UTILITIES	LS			(185)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(175)
DRAINAGE IMPROVEMENTS	LS			(180)
COMMUNICATIONS SUPPORT	LS			(50)
SECURITY MEASURE	LS			(50)
SUBTOTAL				4,774
CONTINGENCY (5%)				239
TOTAL CONTRACT COST				5,013
SUPERVISION, INSPECTION AND OVERHEAD (6%)				301
TOTAL REQUEST				5,314
TOTAL REQUEST (ROUNDED)				5,300

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure (sloped standing seam metal roof). Interior walls and utilities. Exterior work includes: site improvements, cut trees and remove stumps; access road pavements, utilities extension, fire protection, communication system and support. Antiterrorism/Force Protection improvements, security measures and landscaping.
Air Conditioning: 263 KW.

11. REQUIREMENT: 2,090 SM ADEQUATE: 0 SM SUBSTANDARD: 4,088 SM
PROJECT: Replace Air Operations Squadron Training Facility (Current Mission).
REQUIREMENT: The State College Guard Station requires adequate facilities to service the 112th Air Operations Squadron (AOS). Functional areas include space for air operations and plans, orderly room and administration, training, storage and maintenance, honor guard, and day-to-day operations.
CURRENT SITUATION: The State College Air Guard Station facilities are in excellent condition, since they were constructed in 1998 for an Air Control Squadron (ACS) and an Air Traffic Control Squadron (ATCS). After the facilities were built, the ATCS relocated to Johnstown, Pennsylvania for a better training environment and the remaining Air National Guard unit changed its mission from ACS to Air Operations Squadron (AOS). The 112th AOS now has an extreme excess of non-required space, and the current 112th AOS mission is management of the "Air-Land Battle" and is personnel driven, not equipment and vehicle driven. With the new mission, the 112th AOS will not need support equipment maintenance, vehicle maintenance, and a supply warehouse. This project will construct a replacement facility for the AOS, thereby turning the excess space over to the Pennsylvania Army National Guard who will use the space "as is" for the beddown of the Stryker Brigade. This Stryker Brigade is the "first-ever" Reserve Component Stryker Brigade, and would have been located at three separate locations in Pennsylvania. This will allow the three disparate sites to be consolidated at one site. This move will build the "first ever" National Guard Station in the entire National Guard, and allow the Stryker Brigade to be easily airlifted via strategic lift assets at the nearby municipal airport.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
STATE COLLEGE ANG STATION, PENNSYLVANIA		
5. PROJECT TITLE		7. PROJECT NUMBER
REPLACE AIR OPERATIONS SQUADRON TRAINING FACILITY		WFGE039175

IMPACT IF NOT PROVIDED: The current 112th AOS facilities will remain under utilized, and the one facility will be in need of extensive alterations to make it compatible with the new mission. The Army National Guard will have to build facilities for the Stryker mission at a much higher overall cost to the Department of Defense. The cost to repair and construct these facilities will be much higher than the cost to construct a new facility for the 112 AOS.

ADDITIONAL: Upon completion of this project the facilities used by the 112th AOS will be turned over to the Pennsylvania Army National Guard for the Stryker mission. A joint National Guard Station will be created, with maintenance and repair of these facilities undertaken by the responsible agency . All functions in this project are considered "inhabited" buildings and meet the standoff distance requirements. This project meets the criteria/scope specified in the ANG Handbook 32-1084, "Facility Requirements". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost effective action for this project.

AIR OPERATIONS SQUADRON AREA	1,951 SM = 21,000 SF
HONOR GUARD AREA	139 SM = 1,500 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006

3. INSTALLATION AND LOCATION

STATE COLLEGE ANG STATION, PENNSYLVANIA

5. PROJECT TITLE	7. PROJECT NUMBER
REPLACE AIR OPERATIONS SQUADRON TRAINING FACILITY	WFGE039175

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2004
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2006	40%
* (d) Date 35% Designed	SEP 2005
(e) Date Design Complete	SEP 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	318
(b) All Other Design Costs	159
(c) Total	477
(d) Contract	477
(e) In-House	
(4) Contract Award (Month/Year)	MAY 2007
(5) Construction Start	JUN 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE	C-5 INFRASTRUCTURE UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	850-000	PYKL019081	$5,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 INFRASTRUCTURE UPGRADE	LS			4,506
MAIN GATE COMPLEX	SM	28	5,005	(140)
VEHCILE INSPECTION AREA	SM	149	1,055	(157)
MAIN ROADS (BINDER & SURFACE) COURSE	SM	14,632	48	(702)
ROADS AND PARKING LIGHTING SYSTEMS	LS			(475)
SECURITY INFRASTRUCTURE SUPPORT	LS			(410)
PERIMETER FENCING/GATES	LM	2,713	230	(624)
SIDEWALKS	SM	8,194	72	(590)
RESTORE/ADJUST HORIZONTAL SITEWORK	LS			(350)
ACCESS ROADS TO SUPPLY AND APRON	SM	3,512	102	(358)
COMMUNICATION INFRASTRUCTURE	LS			(700)
SUBTOTAL				4,506
CONTINGENCY (5%)				225
TOTAL CONTRACT COST				4,731
SUPERVISION, INSPECTION AND OVERHEAD (6%)				284
TOTAL REQUEST				5,015
TOTAL REQUEST (ROUNDED)				5,000

10. Description of Proposed Construction: Construct main base entry complex to include entry gatehouse, vehicle search area and necessary entry drive physical security measures; provide initial bituminous pavement binder and surface course on primary roadways; construct perimeter security fencing and gates; provide roadway and parking lot lighting, base traffic control signage and pavement markings; provide necessary site utility adjustments; construct primary walkways; provide communications outside plant distribution feed; headquarters/squadron operations courtyard plaza.

11. REQUIREMENT: As Required.

PROJECT: C-5 Infrastructure Upgrade (New Mission).

REQUIREMENT: The base requires properly aligned, adequately sized and serviceable vehicle pavements for unit assigned operational vehicles to support the conversion of the base from eight (8) C-141 aircraft to eight (8) C-5 aircraft. Provide supporting site development elements to include installation of perimeter security fencing and access control gates, main base entry access control and vehicle search capability, traffic control signage, roadway and parking area lighting, communications outside plant distribution feed and landscaping. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority as the design and construction agent to replicate the existing ANG -141 facilities on the new land at a cost of $77 million. The Air Force will return the existing 103 acres of land with the buildings in 2008 when construction of new base is completed. In return the Airport Authority has provided 118 acres of land and extended the real estate lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability.

CURRENT SITUATION: As part of the C-5 conversion, the base is getting many new and larger facilities. These facilities require substantial infrastructure support. The roads and utility support for the common use areas are inadequate. The new site does not have the security fencing and gates to

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 INFRASTRUCTURE UPGRADE		PYKL019081

meet the new DOD antiterrorism and force protection standards. Sidewalks are not available. The storm drainage does not flow properly. On base vehicle parking is not available. Traffic control road signs are not available. The ANG base is being relocated to another part of the Memphis Airport via the LEA. This project will provide necessary site preparation and landscaping.

IMPACT IF NOT PROVIDED: The relocation will not be completed. The facilities will not have adequate vehicle roadways, parking, proper utilities, or the necessary drainage and landscaping. The terrain will remain muddy; vehicle parking will be on dirt. This will result in a quagmire during inclement weather. The base will not have security fencing nor proper access control measures. The drainage will be incomplete resulting in damage to the grounds and facilities. Primary roadways will deteriorate very fast adding risk of FOD migration to aircraft operating surfaces. Inadequate access pavements to the apron will hinder cargo loading operations. Health and safety deficiencies will occur. DOD antiterrorism and force protection measures cannot be met.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

MAIN GATE COMPLEX	28 SM =	300 SF
VEHICLE INSPECTON AREA	149 SM =	1,600 SF
MAIN ROADS (BINDER&SURF)	14,632 SM =	17,500 SY
PERIMETER FENCING/GATES	2,713 LM =	8,900 LF
SIDEWALKS	8,194 SM =	9,800 SY
ACCESS ROADS TO SUPPLY & APRON	3,512 SM =	4,200 SY

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 INFRASTRUCTURE UPGRADE	PYKL019081

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	MAY 2005
(e) Date Design Complete	MAY 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	300
(b) All Other Design Costs	150
(c) Total	450
(d) Contract	450
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE	C-5 REPLACE FIRE CRASH RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	130-142	PYKL019085	$4,350

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 REPLACE FIRE STATION	SM	1,198		3,198
FIRE STATION AREA	SM	1,198	2,648	(3,172)
ANTITERRORISM FORCE PROTECTION	SM	1,198	22	(26)
SUPPORTING FACILITIES	LS			725
PAVEMENTS	LS			(250)
SITE IMPROVEMENTS	LS			(175)
UTILITIES	LS			(215)
COMMUNICATIONS SUPPORT	LS			(85)
SUBTOTAL				3,923
CONTINGENCY (5%)				196
TOTAL CONTRACT COST				4,119
SUPERVISION, INSPECTION AND OVERHEAD (6%)				247
TOTAL REQUEST				4,366
TOTAL REQUEST (ROUNDED)				4,350

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and standing-seam metal roof system. Interior partitions and mechanical, electrical, and fire protection systems. Exterior utilities, site improvements, parking and roads access pavements to the ramp area and to the on base road network, fire protection, drainage, landscaping, and passive force protection requirements.
Air Conditioning: 298 KW.

11. REQUIREMENT: 1,198 SM ADEQUATE: 0 SM SUBSTANDARD: 855 SM
PROJECT: C-5 Replace Fire Crash Rescue Station (New Mission).
REQUIREMENT: This project supports the conversion of the base from eight (8) C-141 aircraft to eight (8) C-5 aircraft. The 164 Airlift Wing (AW) requires a facility to support crash and fire rescue training and operations for an eight (8) PAI C-5 aircraft wing. Functional areas include: pull through vehicle bays for fire/crash/rescue fire fighting vehicles, training classroom, administrative space, control room, physical fitness training space, support equipment maintenance space, and necessary storage space. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of $77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability.
CURRENT SITUATION: The existing fire station facility is too small. An addition and alteration cannot be done since the facility, which is sited on one corner of the property, is too close to the base perimeter and does not meet antiterrorism force protection standoff distances. The facility control room is undersized. The storage is inadequate. There are insufficient locker rooms for the fire crews and insufficient accommodation for female fire fighters. The unit is converting to C-5 aircraft and relocating to another site on the airport. The fire station must be relocated to allow the fire vehicles to meet response requirements to aircraft incidents on the new aircraft-parking apron. Additionally, a split

operation from the rest of the installation would create major problems with security of the facility and command and control.

IMPACT IF NOT PROVIDED: The fire crash rescue station will be geographically separated from the remainder of the unit resulting in a significant impact on operational control, training and security manning as security forces personnel will be required to secure two separate locations. Further, the station will not be able to meet response times to the aircraft from the existing location if they remain geographically separated. Cannot comply with the LEA.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. In 2008 and upon completion of this project, building number 378 at 855 SM along with the other buildings and land will be returned to the Airport Authority per the signed LEA.

FIRE STATION AREA 1,198 SM = 12,900 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 REPLACE FIRE CRASH RESCUE STATION	PYKL019085

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	JUL 2005
(e) Date Design Complete	MAR 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	260
(b) All Other Design Costs	130
(c) Total	390
(d) Contract	390
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE	C-5 REPLACE SQUADRON OPERATIONS AND SIMULATOR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	141-753	PYKL019078	$10,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 SQUADRON OPERATIONS/SIMULATOR FACILITY	SM	3,902		8,228
SQUADRON OPERATIONS AREA	SM	2,295	1,862	(4,273)
SURVIVAL EQUIPMENT SHOP AREA	SM	492	1,862	(916)
FLIGHT SIMULATOR AREA	SM	1,115	2,648	(2,953)
ANTITERRORISM FORCE PROTECTION	SM	3,902	22	(86)
SUPPORTING FACILITIES	LS			760
UTILITIES	LS			(375)
PAVEMENTS	LS			(210)
SITE IMPROVEMENTS	LS			(125)
COMMUNICATIONS SUPPORT	LS			(50)
SUBTOTAL				8,988
CONTINGENCY (5%)				449
TOTAL CONTRACT COST				9,437
SUPERVISION, INSPECTION AND OVERHEAD (6%)				566
TOTAL REQUEST				10,003
TOTAL REQUEST (ROUNDED)				10,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure. Interior walls and partitions. Includes all exterior utility systems, site improvements, and support.
Air Conditioning: 875 KW.

11. REQUIREMENT: 3,902 SM ADEQUATE: 0 SM SUBSTANDARD: 3,764 SM
PROJECT: C-5 Replace Squadron Operations and Simulator Training Facility (New Mission).
REQUIREMENT: The base requires an adequately sized and properly configured facility to accommodate airlift squadron operations and an area to accommodate the simulator equipment in support of the unit's conversion from eight (8) C-141 aircraft to eight (8) PAI C-5 aircraft. Functions to be accommodated include weapons and tactics, intelligence, briefing/debriefing, standardization and evaluation, flight planning, flight safety, flight records, physical training, life support, scheduling, unit administration, aircrew chemical warfare equipment, the base command post, and base operations and a transient passenger waiting area. The simulator area includes: the equipment bay, training rooms, equipment operator area and storage space. Portion of simulator facility has to be secure area. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities at the new land at a cost of $77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects, in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability. The ANG share of the relocation costs are those facility requirements that would be needed if the base were to convert from C-141 to C-5 at the existing site.
CURRENT SITUATION: The 164th AW has converted from eight (8) C-141 to eight (8) C-5. The C-141's have been decommissioned and retired. The squadron operations area is considerably undersized and not properly configured to support C-5 aircraft operations and requires replacement to

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE SQUADRON OPERATIONS AND SIMULATOR FACILITY		PYKL019078

support the mission change. The building does not meet force protection and cannot be upgraded. It is located at a major on base road intersection. The land constraints preclude the relocation of the road network. The building interior configuration is not conducive to the training environment of the C-5. Some training rooms are too small, and others are too large. There is no waiting or processing area for in-transit passengers. The intelligence area is not properly located. The survival equipment shop is undersized, located in another building, and will not support the necessary maintenance of the life rafts.
IMPACT IF NOT PROVIDED: The base will not be able to support the beddown of the C-5 aircraft. Aircrews cannot train properly. The unit will have to remain in a split operation; the parking apron and aircraft on the new site while the squadron operations and simulator training area will be on the old site. Cannot comply with the LEA.
ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. This facility is a "primary gathering" building and meets the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied. All known alternatives options were considered during the development of this project, no other option could meet the mission requirements; therefore, no economic analysis was needed or performed. In 2008 and upon completion of this project, building 401 along with the other buildings and land will be returned to the Memphis Airport Authority per the signed LEA.

SQUADRON OPERATIONS AREA	2,295 SM =	24,700 SF
SURVIVAL EQUIPMENT SHOP AREA	492 SM =	5,300 SF
FLIGHT SIMULATOR AREA	1,115 SM =	12,000 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 REPLACE SQUADRON OPERATIONS AND SIMULATOR FACILITY	PYKL019078

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	MAR 2005
(e) Date Design Complete	JUN 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	600
(b) All Other Design Costs	300
(c) Total	900
(d) Contract	900
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	MAR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE	C-5 REPLACE AIRCRAFT SUPPORT EQUIPMENT SHOP AND STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	218-712	PYKL049070	$4,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 AIRCRAFT EQUIPMENT STORAGE SHOP (ASE)	SM	1,161		2,711
ASE MAINTENANCE SHOP AND STORAGE	SM	1,161	2,067	(2,400)
TUG ACCESS ROAD	SM	1,839	155	(285)
ANTITERRORISM FORCE PROTECTION	SM	1,161	22	(26)
SUPPORTING FACILITIES				1,245
UTILITIES	LS			(180)
PAVEMENTS	LS			(125)
SITE IMPROVEMENTS	LS			(125)
COMMUNICATIONS SUPPORT	LS			(65)
COVERED WASHRACK AREA	LS			(750)
SUBTOTAL				3,956
CONTINGENCY (5%)				198
TOTAL CONTRACT COST				4,154
SUPERVISION, INSPECTION AND OVERHEAD (6%)				249
TOTAL REQUEST				4,403
TOTAL REQUEST (ROUNDED)				4,400

10. Description of Proposed Construction: Reinforced concrete floors, masonry walls, steel-frame structure, and sloped roof structure. Includes overhead doors, exhaust systems, mechanical and electrical systems, overhead cranes, access pavements and equipment parking areas, site work, utilities, fire protection, equipment wash rack and support.
Air Conditioning: 70 KW.

11. REQUIREMENT: 1,161 SM ADEQUATE: 0 SM SUBSTANDARD: 491 SM
PROJECT: C-5 Replace Aircraft Support Equipment Shop and Storage (New Mission).
REQUIREMENT: This project supports the conversion of the base from eight (8) C-41 to eight (8) C-5 aircraft. The base requires a properly sized and configured facility in which to perform scheduled maintenance, repair, and upkeep of aircraft support equipment (ASE) in support of eight (8) PAI C-5 aircraft. Functional areas include repair bays sufficiently sized for the large sized ASE equipment, administration, training classroom, and parts and tool storage. The Air Force, on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority has signed a Land Exchange Agreement (LEA). The LEA mandates the Airport Authority to replicate the C-141 facilities on the new land at a cost of $77 million. The Air Force will return the existing 102 acres of land with the buildings in 2008 when the construction is completed. In return, the Airport Authority has provided 116 acres of land and extended the lease from 2024 to 2058 at no cost. This and other projects in conjunction with the airport authority funding, will relocate the base to the new land and construct C-5 facilities which are energy efficient, meet force protection and allow for future expansion capability.
CURRENT SITUATION: The base ASE shop is grossly undersized to accommodate the equipment set authorized to support the C-5 aircraft. The facility is 40 percent of the minimum authorized space. The 1961 vintage facility cannot be expanded due to siting constraints. It is located in a corner of the base near the perimeter fence and does not meet the antiterrorism and force protection siting criteria. Drainage in the area is very poor. The equipment bays are small. The door openings are not large enough to allow the larger C-5 equipment to enter the bays. Equipment storage is almost non-existent. The facility has an inadequate fire protection system. The latrines do not have provisions for females.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 REPLACE AIRCRAFT SUPPORT EQUIPMENT SHOP AND STORAGE	PYKL049070

A covered equipment wash rack does not exist. The equipment is washed on the ramp area. This allows grease, oil and soap residue to flow into the nearby drainage ditch. This operation is not in accordance with the discharge permit with the state EPA.

IMPACT IF NOT PROVIDED: The base will be unable to maintain the equipment in a safe environment. The unit will continue to split operations between the parking apron on the new site and the ASE maintenance and storage facility on the existing site which increases risk of damage or injury and generates additional cost. The equipment will have to be stored and maintained outside on the aircraft parking ramp area. This violates technical orders and it is not safe. The personnel continue to train and work in a substandard and antiquated facility creating further safety issues and continuing the possibility of a notice of violation from the state EPA. Cannot comply with the signed LEA.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. There is minimal threat and the level of protection is low so minimum construction standards have been applied. In 2008 and upon completion of this project the existing building 452 at 491 SM along with the other buildings and land will be turned over to the Memphis-Shelby County Airport Authority per the signed LEA.

ASE MAINT. SHOP AND STORAGE	1,161 SM = 12,500 SF
TUG ACCESS ROAD	1,839 SM = 2,200 SY

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
MEMPHIS INTERNATIONAL AIRPORT (IAP), TENNESSEE		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE AIRCRAFT SUPPORT EQUIPMENT SHOP AND STORAGE		PYKL049070

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	APR 2005
(e) Date Design Complete	JUN 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	260
(b) All Other Design Costs	130
(c) Total	390
(d) Contract	390
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: LT COL PHILLIP HOWARD
(301) 836-8070

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELLINGTON FIELD AIRPORT (AP), TEXAS	PREDATOR OPERATIONS COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53219F	149-511	FWJH069090	$6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PREDATOR OPERATIONS COMPLEX	SM	3,161		4,072
ALTER OPERATIONS COMPLEX	SM	2,362	1,130	(2,669)
ADD TO OPERATIONS COMPLEX	SM	799	1,668	(1,333)
ANTITERRORISM/FORCE PROTECTION	SM	3,161	22	(70)
SUPPORTING FACILITIES	LS			1,312
TEMPORARY FACILITIES	SM	1,672	269	(450)
SITE IMPROVEMENTS, PAVEMENTS, AND UTILITIES	LS			(180)
UNINTERRUPTED POWER SUPPLY AND GENERATOR	LS			(270)
SECURITY FENCING AND GATES	LM	152	82	(12)
COMMUNICATIONS ALLIED SUPPORT	LM	2,438	164	(400)
SUBTOTAL				5,384
CONTINGENCY (5%)				269
TOTAL CONTRACT COST				5,653
SUPERVISION, INSPECTION AND OVERHEAD (6%)				339
TOTAL REQUEST				5,992
TOTAL REQUEST (ROUNDED)				6,000

10. Description of Proposed Construction: Add to: concrete slab on grade, metal framed and sided facility, standing seam metal roof, and four overhead or roll-up type doors. Match existing base architectural style. Provide interior finishes and lighting, heating, ventilation, and air conditioning, alarm and camera systems, security lighting, fire protection and suppression, back up electrical generator, un-interruptible power capability, and a fuel tank. Provide grounding rods and points and floor mounted tie down rings. Install two government furnished 5 ton HVAC units. Provide site improvements, pavements, utilities, and communications support. Alter: reconfigure interior partitions and upgrade finishes and utilities to include walls, floor, ceilings, electrical and lighting, heating, ventilation, and air conditioning, plumbing, and fire detection and suppression and security alarms. Apply antiterrorism force protection measures as appropriate. Provide temporary facilities and associated utility and communications site work.
Air Conditioning: 438 KW.

11. REQUIREMENT: 3,161 SM ADEQUATE: 0 SM SUBSTANDARD: 2,362 SM
PROJECT: Predator Operations Complex (New Mission)
REQUIREMENT: Ellington Air National Guard Base has been selected as a bed down site for a predator operations squadron. The base requires a properly sized and configured complex of facilities to support three ground control stations (GCS) (two permanent and one deployable); a Predator operations center (POC), a primary Predator satellite link (PPSL) location, and a Predator squadron operations area. The complex requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include NIPERNET, SIPERNET, JWICS, DSN, and video-link capabilities. POC spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical Supplemental Compartmented Information Facility (SCIF) function. All Predator facilities require redundant communications connectivity which will require extension and looping of communications lines and switches from buildings 1142, 1377, and 1384; trenching, manholes, and four conduits. Full

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006
3. INSTALLATION AND LOCATION		
ELLINGTON FIELD AIRPORT (AP), TEXAS		
5. PROJECT TITLE		7. PROJECT NUMBER
PREDATOR OPERATIONS COMPLEX		FWJH069090

operational capability (FOC) for the mission is planned for Jan 2008. This new mission assignment does not include maintenance or launch/recovery functions for the Predator.

CURRENT SITUATION: The F-16 flying mission at Ellington was eliminated as part of BRAC 2005 recommendation number 111. The aircraft are currently scheduled to depart the base in early FY 2008. The installation will still support the based C-26 aircraft as well as an alert mission so most operations and maintenance facilities are not available for conversion to support the new Predator mission. In order to right size the space for all functions remaining at this installation and meet operational timelines, the development team has recommended that building 1193, at 2,362 SM (25,422 SF) be modified to support the Predator mission. This is the existing squadron operations facility and houses the C-26 squadron operations, base operations, command post and security police. In the long range plan for the installation, security police is programmed to relocate to the avionics shop under a follow on project. This project moves the security forces to temporary trailers now freeing up space for the Predator mission. Renovating building 1193 and adding an 800 SM (8,600 SF) storage-shed type facility addition will allow bed down of the Predator operations cell, its administrative support function, and the government furnished mobile ground control station facility. The existing squadron operations and security forces functions will be consolidated and relocated into temporary facilities to allow the renovation of the squadron operations area to begin prior to the departure of the F-16 aircraft

IMPACT IF NOT PROVIDED: Predator Remotely Piloted Vehicle system bed down can not occur by the required full operating capability date. No other existing facility can accommodate the mission in this timeline. Communication line support can not be provided to any other existing or non-existing facility in the time required. Forced use of existing facilities would result in security violations due to the high sensitivity of this mission.

ADDITIONAL: Remotely piloted vehicles (RPV) are a new mission to the Air National Guard. The scope of this project was developed by comparing the Active Duty criteria with the ANG Handbook 32-1084 for similar squadron operations facilities. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ALTER OPERATIONS COMPLEX	2,362 SM =	25,425 SF
ADD TO OPERATIONS COMPLEX	799 SM =	8,600 SF
TEMPORARY FACILITIES	1,672 SM =	18,000 SF
SECURITY FENCING AND GATES	152 LM =	500 LF
COMMUNICATIONS ALLIED SUPPORT	2,438 LM =	8,000 LF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

ELLINGTON FIELD AIRPORT (AP), TEXAS

5. PROJECT TITLE	7. PROJECT NUMBER
PREDATOR OPERATIONS COMPLEX	FWJH069090

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2005
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2006	35%
(d) Date 35% Designed	JAN 2006
(e) Date Design Complete	JUN 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	360
(b) All Other Design Costs	180
(c) Total	540
(d) Contract	540
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	APR 2008

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

POINT OF CONTACT: MR. MARK BAILEY
(301) 836-7042

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 REPLACE FIRE, CRASH AND RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	130-142	PJVY009216	$7,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 FIRE CRASH/RESCUE STATION	SM	2,717		6,173
FIRE STATION AREA	SM	2,717	2,250	(6,113)
ANTITERRORISM FORCE PROTECTION	SM	2,717	22	(60)
SUPPORTING FACILITIES	LS			580
SITE IMPROVEMENTS	LS			(110)
PAVEMENTS	LS			(180)
UTILITIES	LS			(130)
COMMUNICATION SUPPORT	LS			(20)
DEMOLITION	SM	871	161	(140)
SUBTOTAL				6,753
CONTINGENCY (5%)				338
TOTAL CONTRACT COST				7,091
SUPERVISION, INSPECTION AND OVERHEAD (6%)				425
TOTAL REQUEST				7,516
TOTAL REQUEST (ROUNDED)				7,500

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry walls, and sloped roof. Interior walls, fire protection and utilities. Exterior utilities, pavements, site improvements, communications extension and support. Demolish one building (871 SM).
Air Conditioning: 158 KW.

11. REQUIREMENT: 2,717 SM ADEQUATE: 0 SM SUBSTANDARD: 871 SM
PROJECT: C-5 Replace Fire Crash and Rescue Station (New Mission).
REQUIREMENT: Provide an adequately sized, configured and sited fire station in support of the 167th Air Wing's (AW) conversion from 12 C-130 to 10 PAI C-5 aircraft. Functional areas include vehicle bays, administrative offices, training rooms, bunkrooms, kitchenette, a lounge, exercise area, storage and alarm room.
CURRENT SITUATION: The 167th AW currently flies 12 PAI C-130 aircraft. The fire station is grossly undersized to support the much larger fire vehicle set required to support C-5 aircraft operations at the installation. The facility is approximately one third of the minimum authorized space. An addition to the facility is not possible due to site constraints. The facility has only four stalls, and the minimum required is 12. As part of the C-5 conversion, the ramp area has been enlarged and relocated. The existing building is not properly sited for the ramp configuration and will be disposed.
IMPACT IF NOT PROVIDED: Unit will not be able to accept the full fire vehicle set required to safely support C-5 flying operations. Fire vehicles will have to be stored outside. They may not be able to respond during winter months. Flying operations will be at risk. Personnel will have to be housed in trailers since there are insufficient bunkrooms. Accept the risk of a non-responsive fire department. Access to the larger and relocated ramp is hindered.
ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternatives options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility is an "inhabited" building and meets the standoff distance requirements. There is no threat and the level of

protection is low so minimum construction standards have been applied. The building 140 (871 SM) will be demolished as a result of this project.

FIRE STATION AREA 2717 SM = 29,250 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE FIRE, CRASH AND RESCUE STATION		PJVY009216

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	MAY 2005
(e) Date Design Complete	APR 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	450
(b) All Other Design Costs	230
(c) Total	680
(d) Contract	680
(e) In-House	
(4) Contract Award (Month/Year)	APR 2007
(5) Construction Start	MAY 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MAJ DENISE BOYER
(301) 836-8187

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 REPLACE BASE SUPPLY FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	442-758	PJVY009076	$5,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE LOGISTICS COMPLEX	SM	3,395		4,169
WAREHOUSE STORAGE	SM	2,160	958	(2,069)
WAREHOUSE ADMINISTRATIVE	SM	845	1,658	(1,401)
WAREHOUSE COVERED SHED	SM	232	807	(187)
HAZMAT PHARMACY	SM	158	2,799	(442)
ANTITERRORISM FORCE PROTECTION	SM	3,163	22	(70)
SUPPORTING FACILITIES	LS			963
UTILITIES	LS			(250)
PAVEMENTS	LS			(190)
SITE IMPOVEMENTS	LS			(125)
DEMOLITION/ASBESTOS REMOVAL	SM	1,882	161	(303)
COMMUNICATION SUPPORT	LS			(95)
SUBTOTAL				5,132
CONTINGENCY (5%)				257
TOTAL CONTRACT COST				5,389
SUPERVISION, INSPECTION AND OVERHEAD (6%)				323
TOTAL REQUEST				5,712
TOTAL REQUEST (ROUNDED)				5,700

10. Description of Proposed Construction: Steel-framing, brick and block masonry walls, clear span warehouse with minimum eve height of 6 meters. Standing seam metal roof and membrane roof system. Fenced storage compound, interior and exterior utilities, pavements, site improvements and support. Site selected for this facility is undeveloped and will require utility infrastructure to be brought into the site from remote locations. Demolish one building (1,882 SM) restore and landscape the site.
Air Conditioning: 350 KW.

11. REQUIREMENT: 3,395 SM ADEQUATE: 0 SM SUBSTANDARD: 2,480 SM
PROJECT: C-5 Replace Base Supply Facility (New Mission).
REQUIREMENT: This project supports the conversion of the base from 12 C-130 to 10 C-5 aircraft. The base requires a properly sited, sized and configured supply complex to support 10 PAI C-5 aircraft. Functional areas include storage warehouse, traffic management, contracting, mobility storage, squadron administration, and hazardous material pharmacy.
CURRENT SITUATION: This project replaces the existing supply facility. The supply function is split among three separate buildings. The main supply building is a 1957 vintage facility and is inadequately configured to handle the size, quantity and workflow of supplies required for a C-5 aircraft unit and the rest of the base. The warehouse ceiling height of 4.9 meters is too low to allow the facility to be retrofitted with a mechanized material handling system. The loading docks are too low and require precision turning with a forklift to avoid falling off the 1.2 meter drop or running into the building. Delivery trucks have difficulty maneuvering to get to the loading/unloading docks. The structure has minimal insulation and antiquated HVAC systems making this facility one of the least energy efficient structures on the base. Offices are cooled by window air conditioners that blow their discharge air into the main warehouse area. The facility has an inadequate fire protection system and numerous other structural and safety deficiencies. In order to meet force protection requirements and as part of the C-5 conversion, the entire flight line has been enlarged and a new base entrance is being

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE BASE SUPPLY FACILITY		PJVY009076

constructed. The current supply facility is not properly located based on the new master plan. The facility cannot be enlarged and since it cannot be fully utilized for its intended purpose, it will be demolished. This will also allow consolidations of the supply function and reutilization of the structurally sound buildings.

IMPACT IF NOT PROVIDED: Supply function will not be able to handle the size and number of parts necessary to support maintenance of C-5 aircraft. Higher utility costs due to outdated HVAC equipment and inadequate building insulation will continue. Facility does not meet force protection standards. Base leaderhip will be forced to accept the health and safety risks. Truck delivery will be difficult in the near future and impossible down the road when the master plan is fully implemented.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. The following building will be demolished at the completion of this project: 106 (1,882 SM).

WAREHOUSE STORAGE	2,160 SM =	23,250 SF
WAREHOUSE ADMINISTRATION	845 SM =	9,100 SF
WAREHOUSE COVERED STORAGE	232 SM =	2,500 SF
HAZMAT PHARMACY	158 SM =	1,700 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006
3. INSTALLATION AND LOCATION		
EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 REPLACE BASE SUPPLY FACILITY		PJVY009076

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	90%
* (d) Date 35% Designed	AUG 2005
(e) Date Design Complete	MAR 2005
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	340
(b) All Other Design Costs	170
(c) Total	510
(d) Contract	510
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	MAR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MAJ DENISE BOYER
(301) 836-8187

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 UPGRADE/EXTEND RUNWAY AND TAXIWAYS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	111-111	PJVY009072	$20,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXTEND AND UPGRADE RUNWAY AND TAXIWAYS	SM	137,121		17,102
EXTEND RUNWAY/TAXIWAYS	SM	49,330	141	(6,956)
RUNWAY UPGRADE	SM	45,986	117	(5,380)
REPLACE SHOULDERS/BLAST PADS	SM	41,805	114	(4,766)
SUPPORTING FACILITIES	LS			1,317
AIRFIELD LIGHTING	LM	2,682	184	(493)
DRAINAGE IMPROVEMENTS	LS			(310)
SITE IMPROVEMENTS	LS			(514)
SUBTOTAL				18,419
CONTINGENCY (5%)				921
TOTAL CONTRACT COST				19,340
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,160
TOTAL REQUEST				20,500

10. Description of Proposed Construction: Runway and Taxiway Extension: Construct subbase, base course, drainage, install pavement, extend runway lighting, relocate approach lighting system and navigational aids. Runway upgrade: provide new wearing course and raise runway lighting. Groove and mark runway pavements. Provide runway signs and site improvements.

11. REQUIREMENT: 137,121 SM ADEQUATE: 0 SM SUBSTANDARD: 87,791 SM

PROJECT: C-5 Upgrade and Extend Runway and Taxiways (New Mission).

REQUIREMENT: The base is converting from 12 C-130 to 10 C-5 aircraft with delivery starting in late 2007. An adequately sized and structurally sound runway to allow the take off and landings of the C-5 aircraft is required. Additionally, taxiway extensions, consistent with the extended runway, are required to connect the ramp to the runway ends.

CURRENT SITUATION: The runway at this base is not long enough to support the training of the C-5 aircraft. The runway is 7,000 feet long; the C-5 aircraft requires a minimum 8,000-foot runway to provide a safe training environment. It is assumed that the C-5 aircraft will not take off from this base fully loaded, but will take off fully fuel loaded, and go to other locations to pickup cargo. They will use this base for training and maintenance only. The runway was designed to support small and medium weight aircraft and general aviation, civilian aircraft and will require structural upgrades to make it serviceable for the heavier C-5 aircraft. FY 2007 is the most appropriate year for this project. It is anticipated that in the spring/summer of 2007, the C-130 aircraft currently assigned will depart and the crews and maintenance personnel will begin training for the conversion to C-5 which will start to arrive in 2007. With no assigned aircraft, the runway can be shut down, and the overlay done in a more cost effective manner and with minimal disruption to air traffic and aircrews. However, since the airport also has commercial aircraft of corporate nature and light cargo, it is necessary to work around the total shut down of the runway. The construction work will be phased such that a portion of the runway will be open at all times to allow the small passenger aircraft to operate.

IMPACT IF NOT PROVIDED: The runway length will drastically limit training. Without the overlay, runway failure will have a devastating impact on training. The risk of a mishap will increase placing the aircrews and the community at risk. The runway will be shut down if the pavement is not upgraded.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, WEST VIRGINIA

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 UPGRADE/EXTEND RUNWAY AND TAXIWAYS	PJVY009072

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. The construction of this project must be expedited and phased in order to keep a portion of the commercial runway open for traffic. This is the second of a two phased effort to upgrade the Runway/taxiway to meet the C-5 operational requirement.

EXTEND RUNWAY/TAXIWAYS	49,330 SM = 59,000 SY
RUNWAY UPGRADE	45,986 SM = 55,000 SY
REPLACE SHOULDERS/BLAST PADS	41,805 SM = 50,000 SY
AIRFIELD LIGHTING	2,682 LM = 8,800 LF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2006
3. INSTALLATION AND LOCATION		
EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 UPGRADE/EXTEND RUNWAY AND TAXIWAYS		PJVY009072

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2004
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	70%
* (d) Date 35% Designed	JUN 2005
(e) Date Design Complete	FEB 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	1,200
(b) All Other Design Costs	600
(c) Total	1,800
(d) Contract	1,800
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	APR 2007
(6) Construction Completion	JUN 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MAJ DENISE BOYER
(301) 836-8187

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CHEYENNE MUNICIPAL AIRPORT (MAP), WYOMING	ADD TO AND ALTER FIRE CRASH/RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	130-142	DPEZ009037	$4,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO FIRE STATION	SM	1,853		3,442
ADD TO FIRE STATION AREA	SM	1,076	2,422	(2,606)
UPGRADE FIRE STATION AREA	SM	777	1,023	(795)
ANTITERRORISM FORCE PROTECTION	SM	1,853	22	(41)
SUPPORTING FACILITIES	LS			310
UTILITIES	LS			(75)
PAVEMENTS	LS			(65)
SITE IMPROVEMENTS	LS			(25)
TEMPORARY FACILITIES	LS			(135)
COMMUNICATION SUPPORT	LS			(10)
SUBTOTAL				3,752
CONTINGENCY (5%)				188
TOTAL CONTRACT COST				3,940
SUPERVISION, INSPECTION AND OVERHEAD (6%)				236
TOTAL REQUEST				4,176
TOTAL REQUEST (ROUNDED)				4,200

10. Description of Proposed Construction: Add to fire station apparatus bays - concrete foundation and floor slab, masonry walls, standing seam steel roof on steel joists supported by structural columns. Interior mechanical, electrical, fire detection, overhead vehicle doors, vehicle exhaust system, and infrared heating. Add to fire station maintenance and training area - reinforced concrete footings/floor slab. Masonry walls, roof and brick exterior to match existing structure. Concrete paved parking/walkways and landscape site. Alter - interior walls and utilities to make it one functional interior configuration. Temporary fcailities are required during the remodeling of the existing area. Air Conditioning: 140 KW.

11. REQUIREMENT: 1,853 SM ADEQUATE: 0 SM SUBSTANDARD: 777 SM
PROJECT: Add to and Alter Fire Crash/Rescue Station (Current Mission).
REQUIREMENT: The base requires a properly sized, correctly configured, safe facility to support the operation of a 24-man, 24-hour fire protection operation in support of an 8 PAA C-130 airlift wing.
CURRENT SITUATION: Existing fire station (building 33) is deficient for the current mission. The non-existent fire protection system is posing an immediate danger to life and health. There is no apparatus bay exhaust system, no airlocks between bunkrooms and apparatus bays, no automatic sprinkler system, and no automatic carbon monoxide detection system. The existing fire station was designed for a full-time, 12-firefighter department, working 16-hour shifts versus the current 24-firefighter, 24-hour per day shifts. The facility also supports Unit Training Assembly (UTA) for 27 traditional firefighters. Two full-time assistant chiefs and two full-time station captains, authorized 50 square meters office space, share one, 14 square meter office. There is no bunking capability for the alarm room operator who is forced to sleep in a recliner chair. Lack of conferencing space requires fire fighters to use the dining facility. Dependence on a single laundry facility creates health hazards because of disinfection and cleaning of blood/fuel soaked bunker gear while also using the same facility for bed linens. Disinfection of personnel is conducted on the outside of the building in every temperature extreme. There is one large bunkroom where the beds are separated with gymnasium equipment. The firefighters have a single 35 square meter training classroom; they are authorized 78

1. COMPONENT ANG	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE February 2006
3. INSTALLATION AND LOCATION CHEYENNE MUNICIPAL AIRPORT (MAP), WYOMING		
5. PROJECT TITLE ADD TO AND ALTER FIRE CRASH/RESCUE STATION		7. PROJECT NUMBER DPEZ009037

square meters. To meet all training requirements they must train in the full-time fire fighters living spaces. Bunker gear is stored in lockers placed between fire trucks in the apparatus bays. Key command vehicles are parked outside where snow drifts and cold temperatures hinder operations. The 3785-liter aqueous film forming foam (AFFF) trailer must be stored in another facility in order to avoid freezing the essential fire retardant, negatively impacting response time. The Self Contained Breathing Apparatus (SCBA) compressor is stored outside and low temperatures inhibit operation during the winter ultimately slowing firefighting response. The building configuration is a deterrent to providing computer based training. Heat loads have increased due to additional computers and personnel creating interior temperatures that exceed 38 degrees Celsius in summer months.

IMPACT IF NOT PROVIDED: Accept the liability of exposing fire fighters to life threatening conditions by living and working in the existing fire station. The lack of adequate fire protection systems in the existing fire station jeopardizes the safety and health of all building occupants. Inadequate disinfection of blood-borne pathogen and fuel contaminated bunker gear creates grave health risks for the fire fighters. Support of fire fighting operations will be crippled because of equipment being stored in remote locations or vital support equipment being inoperable due to being stored outside. Deficient interior configuration, lack of apparatus bays, cramped conditions and insufficient training area will impede the training of firefighters and threaten the department's ability to meet mission requirements. Poor quality of life and workplace will continue to degrade morale and the safety of 8 C-130's will be imperiled.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ADD TO FIRE STATION: 1,076 SM = 11,586 SF
UPGRADE FIRE STATION: 777 SM = 8,364 SF

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

3. INSTALLATION AND LOCATION

CHEYENNE MUNICIPAL AIRPORT (MAP), WYOMING

5. PROJECT TITLE	7. PROJECT NUMBER
ADD TO AND ALTER FIRE CRASH/RESCUE STATION	DPEZ009037

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2006	99%
* (d) Date 35% Designed	MAR 2004
(e) Date Design Complete	FEB 2006
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(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	250
(b) All Other Design Costs	130
(c) Total	380
(d) Contract	380
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2007
(5) Construction Start	MAR 2007
(6) Construction Completion	APR 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.

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

POINT OF CONTACT: MR SCOTT MULHOLLAND
(301) 836-8347

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2007

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $18,838,000

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 fully evaluating each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

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

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	999-999	AAAA070001	$18,838

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			18,838
SUBTOTAL				18,838
TOTAL CONTRACT COST				18,838
TOTAL REQUEST				18,838

10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. 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 Air National Guard (ANG) Military Construction (MILCON) Programs.

11. REQUIREMENT: As Required

PROJECT: Planning and Design

REQUIREMENT: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2007 design funds are needed to complete the design for those projects that are to be included in the FY 2008 MILCON program and to begin the design for those projects to be included in the FY 2009 program. Funds also provide for design of the FY 2007 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2007 to ensure the design milestones for the FY 2008 and FY 2009 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

IMPACT IF NOT PROVIDED: The ANG will not be able to effectively administer future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DOD and Congressionally mandated execution rates, and degrade the operational mission and training by the delays in construction completion.

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2007

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $6,000,000

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 $750,000 but not exceeding $1,500,000, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation.

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2006

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

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	999-999	AAAA070002	$6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			6,000
SUBTOTAL				6,000
TOTAL CONTRACT COST				6,000
TOTAL REQUEST				6,000

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between $750,000 and $1,500,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 18233a and 10 U. S. Code 2805.

11. REQUIREMENT: As Required

PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing urgent, unforeseen projects costing over $750,000, but not exceeding $1,500,000. The project requirements are anticipated to arise during late FY 2006 or FY 2007, and would be needed to satisfy critical, urgent mission beddowns and weapon system conversions, or to meet serious and urgent health, safety, and environmental requirements. The late identification of these requirements prevents their inclusion in the FY 2007 MILCON program and the projects cannot wait for the FY 2008 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account.

CURRENT SITUATION: As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements or personnel growth.

IMPACT IF NOT PROVIDED: Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available, however, funds may not be available for these reprogrammings.

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2007

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, RIVERSIDE		4. AREA CONSTR COST INDEX 1.09

5. FREQUENCY AND TYPE OF UTILIZATION

One weekend per month for UTA's in addition to two weeks per year

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

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Predator Operations and Training Complex	6,380 SM (68,682 SF)	6,000	Dec 05	Jul 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 27 Dec 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $1,350,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, RIVERSIDE

11. PERSONNEL STRENGTH AS OF 01 Jul 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	256	34	222	0	861	125	736
ACTUAL	249	33	216	0	840	110	730

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
163 AMXS	64	64
163 Air Refueling Wing	53	52
163 Civil Engineering Squadron	80	75
163 Communication Flight	41	47
163 Logistics Group	11	8
163 Logistics Squadron	103	101
163 Medical Squadron	82	69
163 MOF	24	26
163 Maintenance Squadron	156	151
163 Mission Support Flight	24	24
163 Operations Group	6	5
163 Operations Support Flight	27	26
163 Security Forces Squadron	60	66
163 Support Group	9	6
163 Services Flight	34	36
196 Air Refueling Squadron	72	73
210 Weather Flight	15	11
TOTALS	861	840

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	10
Support Equipment	111	90
Support Equipment Non Powered	91	89
Vehicle Equivalents	249	251
Vehicles	96	95

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, SAVANNAH		4. AREA CONSTR COST INDEX .84

5. FREQUENCY AND TYPE OF UTILIZATION

Year-round operational training of Air National Guard units, and other Reserve Components' and Active Duty military units. Also one weekend per month and two weeks per year

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

2 Army Bases-Hunter and Fort Stewart, 1 Marine Naval Station-Buford Naval Station

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-445	Replace Operations, Training and Security Forces Complex	3,252 SM (35,000 SF)	7,100	Jul 04	Sep 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 19 Jul 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
725-517	BRAC - Relocate Civil Engineer Regional Training Site	633 SM (6,814 SF)	750
725-517	Replace Troop Training Quarters	4,645 SM (50,000 SF)	12,400
130-142	CRTC Fire Station Addition	697 SM (7,500 SF)	1,500

R&M Unfunded Requirement: $37,468,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

SAVANNAH/HILTON HEAD IAP, SAVANNAH

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	315	34	281	0	1,056	145	911
ACTUAL	315	34	281	0	1,025	140	885

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
158 Airlift Wing	58	54
165 Aircraft Generation Squadron	63	64
165 Aerial Port Squadron	96	83
165 Airlift Squadron	114	108
165 Civil Engineering Squadron	94	85
165 Communication Flight	47	47
165 Logistics Group	10	6
165 Logistics Squadron	114	102
165 Logistics Support Flight	13	12
165 Medical Squadron	57	71
165 MDS OL	7	7
165 Maintenance Squadron	141	133
165 Mission Support Flight	30	29
165 Operations Group	6	5
165 Operations Support Flight	19	19
165 Security Forces	72	80
165 Support Group	5	5
165 Services Flight	29	41
CRTC Combat Readiness Training Center	81	74
TOTALS	1,056	1,025

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	8	9
Support Equipment	330	330
Vehicle Equivalents	235	224

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE		4. AREA CONSTR COST INDEX .96

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 training.

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

1 Army National Guard Armory, 1 Army Reserve Facility, 1 Marine Reserve Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
730-835	Replace Security Forces Operations and Training Facility	1,686 SM (18,149 SF)	4,300	May 03	May 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 15 Jun 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
219-944	CE Pavements and Grounds Facility	743 SM (8,000 SF)	1,500
141-181	Aircraft Readiness Shelters	1,145 SM (12,320 SF)	4,900

R&M Unfunded Requirement: $8,658,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

FORT WAYNE INTERNATIONAL AIRPORT, FORT WAYNE

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	292	20	272	0	956	96	860
ACTUAL	294	19	275	0	996	83	913

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
122 AMXS	160	153
122 Civil Engineering Squadron	93	112
122 Communication Flight	38	46
122 Fighter Wing	49	50
122 LRS	96	112
122 MDG	55	50
122 MOF	31	26
122 Mission Support Flight	24	25
122 MSG	9	9
122 MXG	21	21
122 MXS	212	218
122 Operations Group	3	3
122 Operations Support Flight	26	22
122 Security Forces Squadron	73	78
122 STU FL	5	0
122 Services Flight	20	26
163 Fighter Squadron	41	45
TOTALS	956	996

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 C/D Aircraft	15	17
Support Equipment	183	183
Vehicle Equivalents	254	254
Vehicles	98	98

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION STANLY COUNTY AIRPORT, ALBEMARLE		4. AREA CONSTR COST INDEX .84

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 MILES RADIUS

1 Army National Guard; 1 Air National Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Relocate Communications and Electronics Training Complex	2,323 SM (25,000 SF)	5,100	Apr 04	Sep 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 20 Jan 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $1,495,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

STANLY COUNTY AIRPORT, ALBEMARLE

11. PERSONNEL STRENGTH AS OF 31 Jul 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	31	3	28	0	145	18	127
ACTUAL	23	2	21	0	108	16	92

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
118 Air Support Operations Squadron	66	54
235 ATC	79	54
TOTALS	145	108

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	425	431

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION HECTOR INTERNATIONAL AIRPORT, FARGO		4. AREA CONSTR COST INDEX 1.04

5. FREQUENCY AND TYPE OF UTILIZATION

Eight unit training assemblies per month, 15 days annual field training per year, daily use by technicians and State personnel for training.

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

1 Army National Guard Armory which also houses the Naval Reserve, 1 Army National Guard Organizational Maintenance Shop, and 2 Army Reserve Facilities

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-453	Predator Operations Complex	3,033 SM (32,651 SF)	5,500	Dec 05	Aug 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 27 Dec 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $11,518,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

HECTOR INTERNATIONAL AIRPORT, FARGO

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	329	32	297	0	1,071	123	948
ACTUAL	338	34	304	0	995	112	883

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
119 Aircraft Generation Squadron	160	138
119 Civil Engineering Squadron	128	121
119 Communication Flight	45	39
119 DET	17	16
119 Fighter Squadron	41	32
119 Fighter Wing	50	49
119 Headquarters ANG	27	20
119 Logistics Group	21	20
119 Logistics Squadron	106	93
119 Medical Squadron	59	58
119 Maintenance Squadron	211	186
119 Mission Support Flight	26	23
119 Operations Flight	31	22
119 Operations Group	3	4
119 Operations Support Flight	26	19
119 Security Forces Squadron	73	67
119 Support Group	10	6
119 Student Flight	5	53
119 Services Flight	32	29
TOTALS	1,071	995

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
excluding fuel trucks	-26	32
F-16 Aircraft	15	20
Support Equipment	246	240
Vehicle Equivalents	417	432

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION STATE COLLEGE ANG STATION, STATE COLLEGE		4. AREA CONSTR COST INDEX 1.01

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 MILES RADIUS

One Army National Guard Unit, one Army Reserve Units,one Air Force Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Replace Air Operations Squadron Training Facility	2,090 SM (22,500 SF)	5,300	Oct 04	Sep 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 26 Aug 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $0

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

STATE COLLEGE ANG STATION, STATE COLLEGE

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	30	6	24	0	131	56	75
ACTUAL	27	6	21	0	107	39	68

12. RESERVE UNIT DATA

UNIT DESIGNATION		STRENGTH AUTHORIZED	STRENGTH ACTUAL
112 AOS		131	107
	TOTALS	131	107

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	4	4

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS		4. AREA CONSTR COST INDEX .90

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 MILES RADIUS

1 Army National Guard Facility, 1 Naval Reserve Facility, 1 Army Reserve Facility, 1 Marine Corps Facility, 1 Naval Base

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	C-5 Replace Squadron Operations and Simulator Facility	3,902 SM (42,000 SF)	10,000	Feb 04	Jun 06
850-000	C-5 Infrastructure Upgrade	1 (LS)	5,000	Jul 03	May 06
130-142	C-5 Replace Fire Crash Rescue Station	1,198 SM (12,900 SF)	4,350	Feb 04	Mar 06
218-712	C-5 Replace Aircraft Support Equipment Shop and Storage	1,161 SM (12,500 SF)	4,400	Jul 04	Jun 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 20 Jan 05 (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	Replace Vehicle Maintenance Facility	1,459 SM (15,700 SF)	3,500
112-211	C-5 Widen Taxilane	7,068 SM (8,453 SY)	2,300
812-225	C-5 Final Infrastructure Support	1 (LS)	6,000
	R&M Unfunded Requirement: $125,000		

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	83	9	74	0	1,180	126	1,054
ACTUAL	81	7	74	0	976	116	860

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
155 Airlift Squadron	133	105
164 AMS	93	74
164 Aerial Port Squadron	99	85
164 Airlift Wing	52	51
164 Civil Engineering Squadron	93	82
164 Communication Flight	43	40
164 Logistics Group	16	8
164 LRS	112	99
164 MEDS	72	59
164 MOF	30	18
164 Maintenance Squadron	276	207
164 Mission Support Flight	25	26
164 MSG	9	9
164 Operations Group	6	5
164 Operations Support Flight	20	23
164 Security Forces Squadron	73	64
164 Student Flight	8	1
164 Services Flight	20	20
TOTALS	1,180	976

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5 Aircraft	8	4
Support Equipment	162	158
Vehicle Equivalents	358	350
Vehicles	122	107

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION ELLINGTON FIELD, HOUSTON		4. AREA CONSTR COST INDEX .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 MILES RADIUS

Three Army Reserve Facilities, 4 Army National Guard Armories, 1 Naval Reserve Facility, 1 Marine Corps Reserve Facility and 1 Coast Guard Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
149-511	Predator Operations Complex	3,161 SM (34,025 SF)	6,000	Dec 05	Jun 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 05 Jan 06 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
130-142	Replace Fire Station	2,090 SM (22,500 SF)	7,200
171-447	BRAC-Relocate 272 Engineering Installation Squadron	1,653 SM (17,800 SF)	2,650
730-835	Upgrade Security Forces Facility	1,223 SM (13,166 SF)	1,500

R&M Unfunded Requirement: $15,910,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

ELLINGTON FIELD, HOUSTON

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	249	16	233	0	1,009	113	896
ACTUAL	246	14	232	0	885	89	796

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
111 Fighter Squadron	41	38
111 Weather Flight	104	99
147 Aircraft Generation Squadron	160	139
147 Civil Engineering Squadron	99	96
147 Communication Flight	45	45
147 Headquarters ANG	50	49
147 Logistics Group	21	18
147 Logistics Squadron	17	14
147 Medical Operating Location	31	22
147 Medical Squadron	62	54
147 Maintenance Squadron	212	157
147 Mission Support Flight	26	25
147 Operations Group	8	8
147 Operations Support Group	22	17
147 Security Forces Squadron	73	70
147 Support Group	9	8
147 Services Flight	29	26
TOTALS	1,009	885

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	2	2
F-16 Aircraft	18	17
Support Equipment	110	110
Vehicle Equivalents	106	101

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, MARTINSBURG		4. AREA CONSTR COST INDEX .95

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 MILES RADIUS

157th ARNG, Martinsburg, Army Reserve Training Center, Martinsburg

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
111-111	C-5 Upgrade/Extend Runway and Taxiways	137,121 SM (178,450 SY)	20,500	Jan 04	Feb 06
442-758	C-5 Replace Base Supply Facility	3,395 SM (36,550 SF)	5,700	Jan 04	Mar 05
130-142	C-5 Replace Fire,Crash and Rescue Station	2,717 SM (29,250 SF)	7,500	Jan 04	Apr 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 20 May 05 (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	C-5 Fuel Cell Maintenance Hangar and Shop	7,497 SM (80,700 SF)	26,000
141-753	C-5 Replace Squadron Operations Facility	2,787 SM (30,000 SF)	6,600
932-000	C-5 Final Infrastructure Upgrade	1 (LS)	4,450
217-712	C-5 Avionics and Shop Space	1,161 SM (12,500 SF)	4,500

R&M Unfunded Requirement: $0

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, MARTINSBURG

11. PERSONNEL STRENGTH AS OF 31 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	35	252	0	1,186	196	990
ACTUAL	269	30	239	0	1,178	160	1,018

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
167 Airlift Evacuation Squadron	125	111
167 Aircraft Generation Squadron	191	197
167 Aerial Port Squadron	99	89
167 Airlift Squadron	166	132
167 Airlift Wing	52	50
167 Civil Engineering Squadron	93	93
167 Communication Flight	42	46
167 Logistics Group	11	11
167 Logistics Squadron	104	110
167 Medical Squadron	66	56
167 MOF	11	10
167 Mission Support Flight	24	25
167 MSX	62	63
167 Operations Group	8	7
167 Operations Support Flight	21	20
167 Security Forces Squadron	73	87
167 Support Group	9	9
167 Student Flight	0	33
167 Services Flight	29	29
TOTALS	1,186	1,178

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	12	4
C-5 Aircraft	10	
Non-Powered AGE Equip	71	92
Powered AGE Equip	111	107

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006
3. INSTALLATION AND LOCATION CHEYENNE MUNICIPAL AIRPORT, CHEYENNE		4. AREA CONSTR COST INDEX 1.01

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 MILES RADIUS

One USAF Base (F.E. Warren), one Army National Guard Armory (WY ARNG), one Army Reserve unit, one Naval Reserve Center, and one Marine Reserve unit.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
130-142	Add to and Alter Fire Crash/Rescue Station	1,853 SM (19,950 SF)	4,200	Feb 03	Feb 06

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 16 Aug 05 (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 Deployment Processing Facility	2,424 SM (26,100 SF)	6,800
141-753	Replace Squadron Operations Facility	2,434 SM (26,200 SF)	7,400
141-753	BRAC-Add To Squad Ops - Active Duty Associate	1,115 SM (12,000 SF)	3,200

R&M Unfunded Requirement: $28,366,000

1. COMPONENT ANG	FY 2007 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2006

3. INSTALLATION AND LOCATION

CHEYENNE MUNICIPAL AIRPORT, CHEYENNE

11. PERSONNEL STRENGTH AS OF 01 Jan 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	376	32	344	0	1,229	186	1,043
ACTUAL	376	32	344	0	1,000	153	847

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
153 AMS	52	39
153 Aerial Port Flight	54	33
153 Airlift Wing	53	47
153 CACS	165	136
153 Civil Engineering Squadron	95	78
153 Communication Flight	39	37
153 Logistics Squadron	103	79
153 Medical Squadron	60	51
153 MG	10	8
153 MOF	11	10
153 Mission Support Flight	25	25
153 MSG	9	8
153 MXS	148	100
153 Operations Group	8	8
153 Operations Support Flight	20	16
153 Security Forces	9	10
153 Security Forces Squadron	60	56
153 Services Flight	20	14
187 Airlift Evacuation Squadron	95	81
187 Airlift Squadron	114	106
243 Air Traffic Control Squadron	79	58
TOTALS	1,229	1,000

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130 H3 Aircraft	8	8
Support Equipment	107	107
Vehicle Equivalents	289	282
Vehicles	100	99

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2007

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL
NONE					

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SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

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DATE: February 2006

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY06 PB $000	Explanation of Changes	Footprint
ANG	2008	3830		Various Locations	VS	Predator Beddown	171-000	53219F	26,700		New Mission	New
ANG	2008	3830		Various Locations	VS	TACP Modernization	171-447	52671F	10,306		New Mission	New
ANG	2008	3830	CRWU029003	Buckley AFB	CO	ASA-Alert Crew Quarters	141-459	51216F	3,100	100	Moved from FY 07	New
ANG	2008	3830	CRWU059006	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	7,000	1,100	Moved from FY 11. Scope Change	New
ANG	2008	3830	HEMT039066	Fort Dodge ANGS	IA	Vehicle Maintenance and Communications Training	214-425	55296F	5,500	500		Existing
ANG	2008	3830	DCFT039115	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	6,100	1,100		New
ANG	2008	3830	AQRC039121	Atlantic City IAP	NJ	Arm/Disarm Apron	116-661	55296F	1,500			New
ANG	2008	3830	PTFL029107	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,400	400		Existing
ANG	2008	3830	WYTD009206	Toledo IAP	OH	Replace Band Facility	171-158	55296F	1,700		New	New
ANG	2008	3830	TQKD059302	Portland IAP	OR	Upgrade Alert Crew Quarters	141-459	55296F	1,500		New	Existing
ANG	2008	3830	PSXE999134	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	11,200	4,200	Scope Change	New
ANG	2008	3830	PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,175		New Mission	Existing
ANG	2008	3830	DDPM059216	JRB NAS Forth Worth	TX	Add to and Alter Engine Shop	211-157	55296F	1,400		New	New
ANG	2008	3830	MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	7,500		New	Existing
ANG	2008	3830	PQWY059045	McChord AFB	WA	262d Information Warfare Aggressor Squadron Facility	171-447	55296F	8,400		New	New
ANG	2008	3830	XGFG009152	Truax Field	WI	Add To And Alter Fire Crash/Rescue Station	130-142	55296F	6,500			New
ANG	2008	3830	PJVY009074	Martinsburg MAP	WV	C-5 Fuel Cell Maintenance Hangar and Shop	211-179	54119F	26,000	500		New
ANG	2008	3830	PJVY009077	Martinsburg MAP	WV	C-5 Squadron Operations Facility	141-753	54119F	7,300	700	Moved from FY 07	Existing
ANG	2008	3830	PJVY049072	Martinsburg MAP	WV	C-5 Avionics and Shops Space	217-712	54119F	4,500		New	New
ANG	2008	3030	PJVY029162	Martinsburg MAP	WV	C-5 Final Infrastructure Upgrade	932-000	54119F	4,450	(50)		Existing
ANG	2008	3830		Various	--	Planning and Design	--	55296F	13,684	(601)		
ANG	2008	3830		Various	--	Unspecified Minor Construction	--	55296F	5,000			
							FY 2008 Total		172,915			

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY06 PB $000	Explanation of Changes	Footprint
ANG	2009	3830		Various Locations	VS	Predator Beddown	171-000	53219F	27,900		New Mission	New
ANG	2009	3830		Various Locations	VS	TACP Modernization	171-447	52671F	10,462		New Mission	New
ANG	2009	3830	FAKZ959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	211-179	55296F	7,400		New	New
ANG	2009	3830	LSGA029009	Jacksonville IAP	FL	Construct Security Forces and Communication Complex	730-835	55296F	12,400	600		New
ANG	2009	3830	FFAN049054	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,600	400		New
ANG	2009	3830	BXRH019091	Boise MAP	ID	Operations, Training and Medical Facility	171-445	55296F	9,300			New
ANG	2009	3830	ATQZ049049	Fort Wayne IAP	IN	Aircraft Readiness Shelters	141-181	55296F	4,900	200		New
ANG	2009	3830	GUQE989085	Forbes MAP	KS	Replace Squadron Operations Facility	141-753	55296F	9,500	400	Moved from FY 11	Existing
ANG	2009	3830	FKNN009010	Bangor IAP	ME	Replace Aircraft Maintenance Hangar, Phase I	211-111	55296F	13,600	(6,400)	Scope Change	New
ANG	2009	3830	ULYB039126	Rosecrans MAP	MO	Replace Fire Crash and Rescue Station	130-142	55296F	10,500	500	Moved from FY 08	New
ANG	2009	3830	SZCQ989023	Pease Tradeport	NH	Replace Operations and Training	171-445	55296F	8,900			New
ANG	2009	3830		Atlantic City IAP	NJ	Munitions Administrative Facility	216-142	55296F	1,500		New	New
ANG	2009	3830	AQRC039059	Atlantic City IAP	NJ	Operations, Training and Dining Hall Facility	171-445	55296F	11,200		New	New
ANG	2009	3830	WKVB029123	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	13,400	900	Moved from FY 10	Existing
ANG	2009	3830	KJAQ029041	Klamath Falls IAP	OR	Replace Security Forces Facility	730-835	55296F	3,700	200	Moved from FY 08	Existing
ANG	2009	3830	LKLW069092	Fort Indiantown Gap	PA	Replace RED HORSE Squadron Training Facility	219-944	55296F	6,000		New	Existing
ANG	2009	3830	PSTE009070	McEntire ANGB	SC	Replace Operations, Training and Communications Facility	171-445	55296F	11,200	1,700	Moved from FY 10. Scope Change	Existing
ANG	2009	3830	LUXC001390	Joe Foss Field	SD	Replace Base Civil Engineer Maintenance Complex	219-944	55296F	7,500		New	New
ANG	2009	3830	PYKL059218	Memphis IAP	TN	C-5 Widen Taxilane	112-211	54119F	1,500		New Mission	New
ANG	2009	3830	CURZ049023	Burlington IAP	VT	Base Security Improvements	730-835	55296F	9,900	3,100	Scope Change	New
ANG	2009	3830	DPEZ019148	Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	7,400	600	Moved from FY 11	New
ANG	2009	3830		Various	--	Planning and Design	--	55296F	12,121			
ANG	2009	3830		Various	--	Unspecified Minor Construction	--	55296F	6,000			
							FY 2009 Total		211,883			

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Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY06 PB $000	Explanation of Changes	Footprint
ANG	2010	3830		Various Locations	VS	TACP Modernization	171-447	52671F	11,461		New Mission	New
ANG	2010	3830	BRKR059015	Birmingham IAP	AL	Alert Quarters and Mobility Processing Complex	141-786	55296F	4,500	1,000	Scope Change	New
ANG	2010	3830	HKRZ889688	Fort Smith MAP	AR	Replace Civil Engineer Maintenance Complex	219-944	55296F	7,500	400		New
ANG	2010	3830	HAYW049133	Fresno/Yosemite IAP	CA	Replace Squadron Operations Facility	141-753	55296F	9,800	1,100	Scope Change	Existing
ANG	2010	3830	JLWS019053	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	10,800	600		New
ANG	2010	3830	VUBV059124	Smoky Hill Range	KS	Upgrade Range Operations Complex	171-471	55296F	7,000		New	Existing
ANG	2010	3830	AXQD009011	Barnes MAP	MA	Add to and Alter Fire Crash/Rescue Station	130-142	55296F	6,800		New	New
ANG	2010	3830	VGLZ059233	Selfridge ANGB	MI	Replace Jet Fuel Storage Complex	124-135	55296F	18,000		New	Existing
ANG	2010	3830	MDVL939655	Key Field MAP	MS	Upgrade ASOS/ATCS Training Complex	171-447	55296F	7,200	400	Moved from FY 08	Existing
ANG	2010	3830	JKSE029000	Great Falls IAP	MT	Replace Operations and Training Facility	171-445	55296F	8,500	200	Moved from FY 11	Existing
ANG	2010	3830	UCTL969556	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Complex	214-425	55296F	5,000	500	Moved from FY 08	New
ANG	2010	3830	GRCL029148	Griffiss Airport	NY	EADS Support Facility	171-445	55296F	6,600	(2,400)	Moved from FY 11. Scope Change	New
ANG	2010	3830	HAAW059258	Hancock Field	NY	Upgrade Base Facilities	610-915	55296F	8,000		New	Existing
ANG	2010	3830	NLZG029199	Rickenbacker IAP	OH	Security Forces Complex/Communications Bldg	730-835	55296F	7,400	900		New
ANG	2010	3830	EQDF039106	Coventry AGS	RI	Special Operations Facility	171-445	55296F	1,700		New	New
ANG	2010	3830	DDPM009116	Fort Worth JRB	TX	Composite Support Facilities	730-835	55296F	6,400	(1,100)	Moved from FY 08. Scope Change	New
ANG	2010	3830	USEB889585	Salt Lake City IAP	UT	Replace Composite Fire Station	130-142	55296F	10,200	500		New
ANG	2010	3830	YAQF029131	Volk Field ANGB	WI	Replace Troop Training Quarters	725-517	55296F	8,900		New	new
ANG	2010	3830		Various	--	Planning and Design	--	55296F	12,192	(921)		
ANG	2010	3830		Various	--	Unspecified Minor Construction	--	55296F	6,000	300		
							FY 2010 Total		163,953			

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY06 PB $000	Explanation of Changes	Footprint
ANG	2011	3830		Various Locations	VS	TACP Modernization	171-447	52671F	12,411		New Mission	New
ANG	2011	3830	PYGY029138	Hot Springs MAP	AR	Relocate 223d Combat Communications Squadron	171-447	55296F	4,500		New	New
ANG	2011	3830	NKAK049051	Little Rock	AR	Replace Engine Shop	211-157	55296F	3,500		New	Existing
ANG	2011	3830	BAEY029154	Beale AFB	CA	Relocate Combat Communications Units	171-447	55296F	5,500		New	New
ANG	2011	3830	XDQU919578	Savannah IAP	GA	Troop Training Quarters	725-517	55296F	11,200		New	Existing
ANG	2011	3830	PJMS959554	Martin State Airport	MD	Replace Fire Station and ASE Facility	130-142	55296F	8,800		New	New
ANG	2011	3830	TDVG029066	Alpena MAP	MI	Replace Troop Quarters	725-517	55296F	8,500		New	Existing
ANG	2011	3830	QJKL029197	Minneapolis/St Paul IAP	MN	Youth Leadership Center	730-441	55296F	1,500		New	New
ANG	2011	3830	WYTD029015	Toledo IAP	OH	Replace Fire Station/Security Forces	130-142	55296F	8,297	(1,003)	Scope Change	Existing
ANG	2011	3830	FWJH059032	Ellington Field	TX	Replace Fire Station	130-142	55296F	7,200		New	New
ANG	2011	3830	LYBH009131	Yeager Airport	WV	Replace Maintenance Hangar	211-111	55295F	17,000			New
ANG	2011	3830		Various	--	Planning and Design	--	55296F	8,917	(3,138)		
ANG	2011	3830		Various	--	Unspecified Minor Construction	--	55296F	6,000			
							FY 2011 Total		103,325			

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OTHER PROJECTS NO LONGER IN THE FYDP:

Comp	FY			Installation	Location	Project Title			Budget Amount $000		Explanation of Changes	Footprint
				Eielson AFB	AK	Mobility Storage Warehouse			5,900		Appropriated in FY 06	
				Ted Stevens IAP	AK	Replace Pararescue Training Complex			2,000		Moved from FY 11	
				Dothan Airport	AL	Mobility Processing Apron			5,100		Moved from FY 10	
				Tucson IAP	AZ	Replace Civil Engineering Complex			4,500		Moved from FY 10	
				Fresno Yosemite IAP	CA	Replace Vehicle Maintenance Complex			5,000		Moved from FY 08	
				Fresno-Yosemite IAP	CA	Medical Training and Security Forces Complex			14,400		Moved from FY 11	
				March ARB	CA	Replace Aircraft Maintenance Hangar and Shops			6,400		Appropriated in FY 06	
				Greeley Airport	CO	Space Warning System Squadron Support Facility			5,700		Moved from FY 11	
				Savannah IAP	GA	Replace Squadron Operations			9,100		Moved from FY 11	
				Hickam AFB	HI	Munitions Maintenance and Storage Complex			9,600		Appropriated in FY 06	
				Boise MAP	ID	Relocate Munitions Complex			4,100		Moved from FY 08	
				Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility			6,900		Moved from FY 10	
				Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility			9,800		Moved from FY 11	
				Hulman MAP	IN	Weapons Release and Load Crew Training			14,800		Moved from FY 10	
				McConnell AFB	KS	Replace Hangar and Shops			1,500		Moved from FY 11	
				Louisville IAP	KY	Add and Alter Composite Support Facility			4,100		Moved from FY 10	
				Madisonville Airport	KY	Airfield Improvements			5,800		Moved from FY 09	
				New Orleans JRB	LA	Replace Engine/NDI Shop/Deployment Facility			7,100		Appropriated in FY 06	
				Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities			6,100		BRAC Impacted	
				Otis ANGB	MA	Replace Alert Crew Quarters			9,100		BRAC Impacted	
				Otis ANGB	MA	Replace Operations and Maintenance			25,600		BRAC funded	
				Andrews AFB	MD	Headquarters ANGRC Addition			10,400		Moved from FY 11	
				Martin State Airport	MD	Aircraft Corrosion Control Facility			8,500		Appropriated in FY 06	
				Alpena MAP	MI	Replace Squadron Operations Facility			12,400		BRAC funded	
				Selfridge ANGB	MI	Replace Alert Complex			6,900		Appropriated in FY 06	
				WK Kellogg Apt	MI	Replace Base Civil Engineer Complex			19,500		Moved from FY 10	
				Duluth IAP	MN	Replace Fire Station			6,300		Appropriated in FY 06	
				Minneapolis - St Paul IAP	MN	Composite Aircraft Maintenance Facility			8,800		Appropriated in FY 06	
				Gulfport/Biloxi Airport	MS	Replace Munitions Complex (Phase 1)			4,500		Appropriated in FY 06	
				Hector Field	ND	Replace Fire Station			6,900		Moved from FY 11	
				Lincoln MAP	NE	Upgrade Security Forces and Communications Facility			11,200		Moved from FY 08	
				Atlantic City IAP	NJ	Operations, Training and Dining Hall			8,500		Moved from FY 11	
				Reno-Tahoe IAP	NV	Replace Intelligence Exploitation Facility			16,800		Appropriated in FY 06	
				Hancock Field	NY	Add to and Alter Squadron Operations Facility			5,600		Appropriated in FY 06	
				Schenectady MAP	NY	Replace Base Supply Complex			6,800		Moved from FY 09	
				Camp Perry ANGB	OH	Replace Troop Training Quarters			4,700		Appropriated in FY 06	
				Mansfield MAP	OH	Joint ANG/ARNG Fire Station			8,000		BRAC Impacted	
				Rickenbacker IAP	OH	Joint ANG/ARNG Vehicle Maintenance Facility			6,600		Moved from FY 10	
				Springfield MAP	OH	Aircraft Ready Shelters			2,700		Moved from FY 10	
				Will Rogers World Airport	OK	Replace Maintenance Hangar			15,000		Moved from FY 11	
				Fort Indiantown Gap	PA	Replace Composite Support Complex			12,500		Moved from FY 09	
				Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway			5,000		Appropriated in FY 06	
				Willow Grove JRB	PA	Operations and Communications Training Facility			9,000		BRAC Impacted	
				Joe Foss Field	SD	Security Forces and Communications Upgrade			5,500		Appropriated in FY 06	
				Richmond IAP	VA	Replace Operation, Training, and Support Complex			15,000		Moved from FY 10	
				Camp Murray ANGB	WA	262 Information Warfare Aggressor Squadron Facility			7,000		Moved from FY 08	
				General Mitchell Field	WI	Upgrade Aircraft Maintenance Complex - Phase I			7,000		Moved from FY 08	
				General Mitchell Field	WI	Upgrade Aircraft Maintenance Complex - Phase II			3,300		Moved from FY 11	
				Martinsburg MAP	WV	C-5 Shops Upgrade			2,000		Appropriated in FY 06	
				Yeager Airport	WV	Force Protection Measures - Relocate Road			6,500		Moved from FY 10	
				Cheyenne MAP	WY	Replace Vehicle Maintenance/Deployment Processing			5,900		Moved from FY 08	

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ANG	2009	3830	FAKZ959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	211-179	55296F	7,400		New	New
ANG	2010	3830	BRKR059015	Birmingham IAP	AL	Alert Quarters and Mobility Processing Complex	141-786	55296F	4,500	1,000	Scope Change	New
ANG	2010	3830	HKRZ889688	Fort Smith MAP	AR	Replace Civil Engineer Maintenance Complex	219-944	55296F	7,500	400		New
ANG	2011	3830	NKAK049051	Little Rock	AR	Replace Engine Shop	211-157	55296F	3,500		New	Existing
ANG	2011	3830	PYGY029138	Hot Springs MAP	AR	Relocate 223d Combat Communications Squadron	171-447	55296F	4,500		New	New
ANG	2010	3830	HAYW049133	Fresno/Yosemite IAP	CA	Replace Squadron Operations Facility	141-753	55296F	9,800	1,100	Scope Change	Existing
ANG	2011	3830	BAEY029154	Beale AFB	CA	Relocate Combat Communications Units	171-447	55296F	5,500		New	New
ANG	2008	3830	CRWU029003	Buckley AFB	CO	ASA-Alert Crew Quarters	141-459	51216F	3,100	100	Moved from FY 07	New
ANG	2008	3830	CRWU059006	Buckley AFB	CO	Replace Squadron Operations Facility	141-753	55296F	7,000	1,100	Moved from FY 11. Scope Change	New
ANG	2010	3830	JLWS019053	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	10,800	600		New
ANG	2009	3830	LSGA029009	Jacksonville IAP	FL	Construct Security Forces and Communication Complex	730-835	55296F	12,400	600		New
ANG	2011	3830	XDQU919578	Savannah IAP	GA	Troop Training Quarters	725-517	55296F	11,200		New	Existing
ANG	2008	3830	HEMT039066	Fort Dodge ANGS	IA	Vehicle Maintenance and Communications Training	214-425	55296F	5,500	500		Existing
ANG	2009	3830	FFAN049054	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,600	400		New
ANG	2009	3830	BXRH019091	Boise MAP	ID	Operations, Training and Medical Facility	171-445	55296F	9,300			New
ANG	2008	3830	DCFT039115	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	6,100	1,100		New
ANG	2009	3830	ATQZ049049	Fort Wayne IAP	IN	Aircraft Readiness Shelters	141-181	55296F	4,900	200		New
ANG	2009	3830	GUQE989085	Forbes MAP	KS	Replace Squadron Operations Facility	141-753	55296F	9,500	400	Moved from FY 11	Existing
ANG	2010	3830	VUBV059124	Smoky Hill Range	KS	Upgrade Range Operations Complex	171-471	55296F	7,000		New	Existing
ANG	2010	3830	AXQD009011	Barnes MAP	MA	Add to and Alter Fire Crash/Rescue Station	130-142	55296F	6,800		New	New
ANG	2011	3830	PJMS959554	Martin State Airport	MD	Replace Fire Station and ASE Facility	130-142	55296F	8,800		New	New
ANG	2009	3830	FKNN009010	Bangor IAP	ME	Replace Aircraft Maintenance Hangar, Phase I	211-111	55296F	13,600	(6,400)	Scope Change	New
ANG	2010	3830	VGLZ059233	Selfridge ANGB	MI	Replace Jet Fuel Storage Complex	124-135	55296F	18,000		New	Existing
ANG	2011	3830	TDVG029066	Alpena MAP	MI	Replace Troop Quarters	725-517	55296F	8,500		New	Existing
ANG	2011	3830	QJKL029197	Minneapolis/St Paul IAP	MN	Youth Leadership Center	730-441	55296F	1,500		New	New
ANG	2009	3830	ULYB039126	Rosecrans MAP	MO	Replace Fire Crash and Rescue Station	130-142	55296F	10,500	500	Moved from FY 08	New
ANG	2010	3830	MDVL939655	Key Field MAP	MS	Upgrade ASOS/ATCS Training Complex	171-447	55296F	7,200	400	Moved from FY 08	Existing
ANG	2010	3830	JKSE029000	Great Falls IAP	MT	Replace Operations and Training Facility	171-445	55296F	8,500	200	Moved from FY 11	Existing
ANG	2009	3830	SZCQ989023	Pease Tradeport	NH	Replace Operations and Training	171-445	55296F	8,900			New
ANG	2008	3830	AQRC039121	Atlantic City IAP	NJ	Arm/Disarm Apron	116-661	55296F	1,500			New
ANG	2008	3830	PTFL029107	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,400	400		Existing
ANG	2009	3830	AQRC039059	Atlantic City IAP	NJ	Operations, Training and Dining Hall Facility	171-445	55296F	11,200		New	New
ANG	2009	3830		Atlantic City IAP	NJ	Munitions Administrative Facility	216-142	55296F	1,500		New	New
ANG	2010	3830	UCTL969556	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Complex	214-425	55296F	5,000	500	Moved from FY 08	New

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ANG	2009	3830	WKVB029123	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	13,400	900	Moved from FY 10	Existing
ANG	2010	3830	GRCL029148	Griffiss Airport	NY	EADS Support Facility	171-445	55296F	6,600	(2,400)	Moved from FY 11. Scope Change	New
ANG	2010	3830	HAAW059258	Hancock Field	NY	Upgrade Base Facilities	610-915	55296F	8,000		New	Existing
ANG	2008	3830	WYTD009206	Toledo IAP	OH	Replace Band Facility	171-158	55296F	1,700		New	New
ANG	2010	3830	NLZG029199	Rickenbacker IAP	OH	Security Forces Complex/Communications Bldg	730-835	55296F	7,400	900		New
ANG	2011	3830	WYTD029015	Toledo IAP	OH	Replace Fire Station/Security Forces	130-142	55296F	8,297	(1,003)	Scope Change	Existing
ANG	2008	3830	TQKD059302	Portland IAP	OR	Upgrade Alert Crew Quarters	141-459	55296F	1,500		New	Existing
ANG	2009	3830	KJAQ029041	Klamath Falls IAP	OR	Replace Security Forces Facility	730-835	55296F	3,700	200	Moved from FY 08	Existing
ANG	2009	3830	LKLW069092	Fort Indiantown Gap	PA	Replace RED HORSE Squadron Training Facility	219-944	55296F	6,000		New	Existing
ANG	2010	3830	EQDF039106	Coventry AGS	RI	Special Operations Facility	171-445	5311F	1,700		New	New
ANG	2009	3830	PSTE009070	McEntire ANGB	SC	Replace Operations, Training and Communications Facility	171-445	55296F	11,200	1,700	Moved from FY 10. Scope Change	Existing
ANG	2009	3830	LUXC001390	Joe Foss Field	SD	Replace Base Civil Engineer Maintenance Complex	219-944	55296F	7,500		New	New
ANG	2008	3830	PSXE999134	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	11,200	4,200	Scope Change	New
ANG	2008	3830	PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,175		New Mission	Existing
ANG	2009	3830	PYKL059218	Memphis IAP	TN	C-5 Widen Taxilane	112-211	54119F	1,500		New Mission	New
ANG	2008	3830	DDPM059216	JRB NAS Forth Worth	TX	Add to and Alter Engine Shop	211-157	55296F	1,400		New	New
ANG	2010	3830	DDPM009116	Fort Worth JRB	TX	Composite Support Facilities	730-835	55296F	6,400	(1,100)	Moved from FY 08. Scope Change	New
ANG	2011	3830	FWJH059032	Ellington Field	TX	Replace Fire Station	130-142	55296F	7,200		New	New
ANG	2010	3830	USEB889585	Salt Lake City IAP	UT	Replace Composite Fire Station	130-142	55296F	10,200	500		New
ANG	2008	3830	MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	7,500		New	Existing
ANG	2009	3830	CURZ049023	Burlington IAP	VT	Base Security Improvements	730-835	55296F	9,900	3,100	Scope Change	New
ANG	2008	3830	PQWY059045	McChord AFB	WA	262d Information Warfare Aggressor Squadron Facility	171-447	55296F	8,400		New	New
ANG	2008	3830	XGFG009152	Truax Field	WI	Add To And Alter Fire Crash/Rescue Station	130-142	55296F	6,500			New
ANG	2010	3830	YAQF029131	Volk Field ANGB	WI	Replace Troop Training Quarters	725-517	55296F	8,900		New	new
ANG	2008	3830	PJVY009074	Martinsburg MAP	WV	C-5 Fuel Cell Maintenance Hangar and Shop	211-179	54119F	26,000	500		New
ANG	2008	3830	PJVY009077	Martinsburg MAP	WV	C-5 Squadron Operations Facility	141-753	54119F	7,300	700	Moved from FY 07	Existing
ANG	2008	3030	PJVY029162	Martinsburg MAP	WV	C-5 Final Infrastructure Upgrade	932-000	54119F	4,450	(50)		Existing
ANG	2008	3830	PJVY049072	Martinsburg MAP	WV	C-5 Avionics and Shops Space	217-712	54119F	4,500		New	New
ANG	2011	3830	LYBH009131	Yeager Airport	WV	Replace Maintenance Hangar	211-111	55295F	17,000			New
ANG	2009	3830	DPEZ019148	Cheyenne MAP	WY	Replace Squadron Operations Facility	141-753	55296F	7,400	600	Moved from FY 11	New
ANG	2008	3830		Various Locations	VS	Predator Beddown	171-000	53219F	26,700		New Mission	New
ANG	2009	3830		Various Locations	VS	Predator Beddown	171-000	53219F	27,900		New Mission	New
ANG	2008	3830		Various Locations	VS	TACP Modernization	171-447	52671F	10,306		New Mission	New
ANG	2009	3830		Various Locations	VS	TACP Modernization	171-447	52671F	10,462		New Mission	New
ANG	2010	3830		Various Locations	VS	TACP Modernization	171-447	52671F	11,461		New Mission	New
ANG	2011	3830		Various Locations	VS	TACP Modernization	171-447	52671F	12,411		New Mission	New

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Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY06 PB $000	Explanation of Changes	Footprint
ANG	2008	3830		Various Locations	VS	Planning and Design	--	55296F	13,684	(601)		
ANG	2009	3830		Various Locations	VS	Planning and Design	--	55296F	12,121			
ANG	2010	3830		Various Locations	VS	Planning and Design	--	55296F	12,192	(921)		
ANG	2011	3830		Various Locations	VS	Planning and Design	--	55296F	8,917	(3,138)		
ANG	2008	3830		Various Locations	VS	Unspecified Minor Construction	--	55296F	5,000			
ANG	2009	3830		Various Locations	VS	Unspecified Minor Construction	--	55296F	6,000			
ANG	2010	3830		Various Locations	VS	Unspecified Minor Construction	--	55296F	6,000	300		
ANG	2011	3830		Various Locations	VS	Unspecified Minor Construction	--	55296F	6,000			