AIR NATIONAL GUARD

Fiscal Year (FY) 2008/2009

BUDGET ESTIMATES

MILITARY CONSTRUCTION

APPROPRIATION 3830

PROGRAM YEAR 2008

Justification Data Submitted to Congress

February 2007

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

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	SUB-TOTAL -- SUPPORT COSTS	**14,465**	
	GRAND TOTAL	**85,517**	

NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2008

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
Hulman Regional Airport (RAP), IN	Digitial Ground Station (DGS) Beddown	7,700	N
Camp Beauregard Training Site (RTS), LA	Upgrade ASOS Facility	1,800	N
Otis (ANGB), MA	Digital Ground Station (DGS) IOC Beddown	1,800	N
Ft Indiantown Gap (RTS), PA	Air Support Operations Squadron (ASOS) Beddown	6,400	N
McGhee Tyson (ANGB), TN	MILSTAR Beddown- Relocate Base Access Road	3,200	N
Memphis IAP, TN	C-5 Final Infrastructure Support	6,676	N
	C-5 Munitions Storage Complex	1,500	N
	C-5 Ground Run-up Enclosure	3,200	N
EWVRA-Shepherd Field, WV	C-5 Fuel Cell Maintenance Hangar and Shops	26,000	N
	C-5 Squadron Operations Facility	7,600	N
	C-5 Final Infrastructure Upgrade	5,176	N
	PLANNING AND DESIGN	**7,965**	
	UNSPECIFIED MINOR CONSTRUCTION	**6,500**	
	TOTAL ENERGY	**0**	
	TOTAL ENVIRONMENTAL	**0**	
	TOTAL NEW MISSION (11)	**71,052**	
	TOTAL CURRENT MISSION (0)	**0**	
	GRAND TOTAL - FY 2008 REQUEST	**85,517**	

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

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, $85,517,000 to remain available until September 30, 2012.

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 2008

SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HULMAN REGIONAL AIRPORT, INDIANA	DIGITAL GROUND STATION (DGS) BEDDOWN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53117F	171-447	LDXF069062	$7,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
DGS BEDDOWN	SM	3,094		5,484
UPGRADE OPERATIONS AREA	SM	1,808	2,153	(3,893)
UPGRADE ADMINISTRATIVE AREA	SM	1,286	1,184	(1,523)
AT/FP MINIMUM STANDARDS	SM	3,094	22	(68)
SUPPORTING FACILITIES	LS			1,435
COMMUNICATIONS SUPPORT	LS			(95)
PASSIVE FORCE PROTECTION	LS			(195)
STANDBY POWER, SWITCH GEAR, & POWER SUPPLY	LS			(450)
SITE IMPROVEMENTS	LS			(185)
PAVEMENTS	LS			(205)
UTILITIES	LS			(155)
SECURITY MEASURES	LS			(150)
SUBTOTAL				6,919
CONTINGENCY (5%)				346
TOTAL CONTRACT COST				7,265
SUPERVISION, INSPECTION AND OVERHEAD (6%)				436
TOTAL REQUEST				7,701
TOTAL REQUEST (ROUNDED)				7,700

10. Description of Proposed Construction: Comprehensive renovation with alteration and rearrangement of interior walls, floors to include raised flooring, ceilings, electrical and plumbing systems, and fire detection systems. Modify heating, ventilation, and air conditioning ducting and replace air handlers and chillers as necessary. Provide for Sensitive Compartmented Information Facility (SCIF) areas to include secure walls, ceiling, and door and alarm systems. Install a fire protection system. Remove exterior windows as necessary and replace openings with material to match building exterior. Provide anti-terrorism/force protection measures to include road and parking relocation as well as other necessary measures. Provide security fencing. Provide exterior support such as pavements, utility and communications extensions, and site improvements. Install standby power generators with auto-start, switch gear, and uninterrupted power supply. Manpower supported: 356
Air Conditioning: 1,050 KW.

11. REQUIREMENT: 3,094 SM ADEQUATE: 0 SM SUBSTANDARD: 3,094 SM
PROJECT: DGS Beddown (New Mission)
REQUIREMENT: The base requires an adequately sized and appropriately configured space for the establishment of a new mission Digital Ground Station (DGS) and its beddown in an initial operating capability (IOC) facility. A DGS receives classified data in real time, processes the data, and transmits the results to customers for mission employment activities. Both operational missions and training activities for assigned ANG personnel will be conducted in the facility. Functional requirements include: operational space for data receipt, processing, and retransmission by on-duty crews working shift operations; analysis areas; equipment operations, maintenance, and storage areas; maintenance work stations; and administrative support and command areas. Operations space must be accommodated in a Sensitive Compartmented Information Facility (SCIF) large enough to initially accommodate up to 14 intelligence data terminals/work stations as required for the daily production of

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION HULMAN REGIONAL AIRPORT, INDIANA		
5. PROJECT TITLE DIGITAL GROUND STATION (DGS) BEDDOWN		7. PROJECT NUMBER LDXF069062

classified intelligence information as well as sufficient training work space, complete with stand by power, switch gear, and uninterrupted power supply.

CURRENT SITUATION: The Base Realignment and Closure Commission 2005 realigned the installation by directing redistribution of assigned F-16 aircraft from this base, removing the flying mission, and thereby making the installation available for new missions. Through Total Force Integration initiatives, the base has been selected to receive a DGS as a new mission. Building 40, currently a squadron operation facility, and building 38, the current avionics facility, have been chosen to satisfy the DGS beddown facility requirements. Both facilities are near to each other, creating an ideal campus complex, and match DGS requirements more closely than any other available base facility. Building 40 will be reused as the DGS operations area while building 38 will be upgraded and reused as administrative and support space. These 1985 and 1981 vintage facilities are structurally sound but require significant reconfiguration inside and upgrade to meet new mission needs to include extensive security (to include SCIF construction), communications, standby power, and air conditioning, electrical upgrade and the installation of raised floor system for the communication and computer cables. Both facilities presently do not meet antiterrorism/force protection requirements. Parking lots and access roads need to be relocated. Doors and windows need to be sealed to meet security requirements. The facilities have no standby power. Space must be made for the DGS satellite antennas.

IMPACT IF NOT PROVIDED: The DGS mission can not be bedded down at this installation without this project, and the mission's Initial Operational Capability date will not be achieved. Required equipment could not be installed and would not be operational. Given the large volume of sensitive equipment necessary along with needed security requirements, there are no facility work arounds that could be considered and still attain and maintain mission operations and effectiveness. Both operational mission needs and personnel training specifications could not be accomplished without a properly configured facility.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility is a "primary gathering" building and does not presently meet the standoff. Mission requirements, operational considerations and location are incompatible with use by other components. 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.

UPGRADE OPERATIONS AREA	1,808 SM = 19,459 SF
UPGRADE ADMINISTRATIVE AREA	1,286 SM = 13,841 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
HULMAN REGIONAL AIRPORT, INDIANA

5. PROJECT TITLE	7. PROJECT NUMBER
DIGITAL GROUND STATION (DGS) BEDDOWN	LDXF069062

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	AUG 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	462
(b) All Other Design Costs	231
(c) Total	693
(d) Contract	693
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	FEB 2009

* 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: David Thompson
(301) 836-8249

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CAMP BEAUREGARD TRAINING SITE, LOUISIANA	UPGRADE ASOS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52671F	214-428	CYQY069191	$1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ASOS FACILITY UPGRADE	SM	1,322		1,361
ADD TO OPERATIONS AREA	SM	161	1,884	(303)
ALTER OPERATIONS AREA	SM	139	441	(61)
VEHICLE STORAGE AREA	SM	1,022	969	(990)
ANTITERRORISM FORCE PROTECTION	SM	300	22	(7)
SUPPORTING FACILITIES				240
UTILITIES	LS			(40)
PAVEMENTS	LS			(110)
SITE IMPROVEMENTS	LS			(45)
COMMUNICATIONS SUPPORT	LS			(10)
AT/FP SITE IMPROVEMENTS	LS			(35)
SUBTOTAL				1,601
CONTINGENCY (5%)				80
TOTAL CONTRACT COST				1,681
SUPERVISION, INSPECTION AND OVERHEAD (6%)				101
TOTAL REQUEST				1,782
TOTAL REQUEST (ROUNDED)				1,800

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. The vehicle storage area to be a 3-sided metal shed with access pavements and utilities. Alteration: rearrange and extend interior walls and utilities to functionally fit the addition. Provide exterior utility support including minimum AT/FP. Manpower supported: 73.
Air Conditioning: 140 KW.

11. REQUIREMENT: 3,252 SM ADEQUATE: 3,112 SM SUBSTANDARD: 139 SM
PROJECT: Upgrade AOS Facility (New Mission)
REQUIREMENT: Camp Beauregard is a State of Louisiana operated installation for training of the Army National Guard. The ANG's 122nd ASOS unit at Camp Beauregard supports the 256th and 56th Brigade Combat Teams of the Army National Guard. The unit requires additional vehicle storage area and minor additions to accommodate the additional vehicles being provided.
CURRENT SITUATION: The ANG-operated ASOS complex has inadequate storage for the authorized HMMVV fleet. The unit is authorized 1,394 SM of vehicle storage, but has only 372 SM. Additional minor storage space deficit exists in the operations and shop area. Each HMMWV is fully equipped with radios and other sensitive communications gear. These items are stored in the vehicles to make them ready for training on UTA. Without adequate covered storage vehicles and equipment degrade prematurely.
IMPACT IF NOT PROVIDED: The HMMWV vehicle fleet will have to be stored outside in the elements, thus damaging the radios and other equipment installed in the vehicles. Unit readiness and ability to perform deployed mission will be degraded. Support to Army National Guard units/training will be severely limited.
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. This facility can be

used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. All known alternative 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.

ADD TO OPERATIONS AREA	161 SM = 1,730 SF
ALTER OPERATIONS AREA	139 SM = 1,500 SF
VEHICLE STORAGE AREA	1,022 SM = 11,000 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
CAMP BEAUREGARD TRAINING SITE, LOUISIANA

5. PROJECT TITLE	7. PROJECT NUMBER
UPGRADE AIR SUPPORT OPERATIONS SQUADRON (ASOS) FACILITY	CYQY069191

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAY 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	AUG 2007
(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 -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	108
(b) All Other Design Costs	54
(c) Total	162
(d) Contract	162
(e) In-House	

(4) Contract Award (Month/Year) FEB 2008

(5) Construction Start MAR 2008

(6) Construction Completion DEC 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 HARRY WASHINGTON
(301) 836-8103

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OTIS ANG BASE, MASSACHUSETTS	DIGITAL GROUND STATION (DGS) IOC BEDDOWN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53117F	171-447	SPBN069226	$1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE DGS FACILITY	SM	790		1,114
OPERATIONS AND TRAINING AREA	SM	790	1,389	(1,097)
ANTI-TERRORISM FORCE PROTECTION	SM	790	22	(17)
SUPPORTING FACILITIES	LS			510
COMMUNICATIONS SUPPORT	LS			(95)
SITE IMPROVEMENTS, PAVEMENTS, AND UTILITIES	LS			(70)
STANDBY POWER SYSTEM	LS			(345)
SUBTOTAL				1,624
CONTINGENCY (5%)				81
TOTAL CONTRACT COST				1,705
SUPERVISION, INSPECTION AND OVERHEAD (6%)				102
TOTAL REQUEST				1,807
TOTAL REQUEST (ROUNDED)				1,800

10. Description of Proposed Construction: Comprehensive interior renovation to include internal reconfiguration, ceiling, wall, and floor coatings and finishes, and electrical system reconfiguration. Repair second floor mezzanine as needed. Provide for security alarm systems, fire suppression and detection, raised flooring or other cabling system, electrical switch gear, standby power, and uninterrupted power supply systems. Provide allied support for communications requirements and system upgrades. Site work includes facility access, alarm systems and utility extensions and connections. This facility requires certification as a Sensitive Compartmented Information Facility (SCIF) and requires all work as necessary to accommodate SCIF criteria.
Air Conditioning: 350 KW.

11. REQUIREMENT: 2,117 SM ADEQUATE: 1,373 SM SUBSTANDARD: 743 SM
PROJECT: DGS IOC Bed Down (New Mission)
REQUIREMENT: The base requires an adequately sized and appropriately configured space for the establishment of a new mission Digital Ground Station (DGS) and its beddown in an initial operating capability (IOC) facility. A DGS receives classified data in real time, processes the data, and transmits the results to customers for mission employment activities. Both operational missions and training activities for assigned ANG personnel will be conducted in the facility. Functional requirements include: operational space for data receipt, processing, and retransmission by on-duty crews working shift operations; analysis areas; equipment operations, maintenance, and storage areas; maintenance work stations; and administrative support and command areas. Operations space must be accommodated in a Sensitive Compartmented Information Facility (SCIF) large enough to initially accommodate up to 14 intelligence data terminals/work stations as required for the daily production of classified intelligence information as well as sufficient training work space, complete with stand by power, switch gear, and uninterrupted power supply. This project supports initial bed down ultimately for 160 ANG/10 contractor personnel full time.
CURRENT SITUATION: Through Total Force Integration initiatives, the base has been selected to receive a DGS function as a new mission beddown. Use of existing facilities can accommodate the interim beddown of this mission so that it can achieve IOC. Building 165 was constructed in 1990 as a squadron operations complex and is currently used as such until assigned F-15 aircraft are relocated as part of a Base Realignment and Closure initiative. The facility has three SCIF/vault areas - the current

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION OTIS ANG BASE, MASSACHUSETTS		
5. PROJECT TITLE DIGITAL GROUND STATION (DGS) IOC BEDDOWN		7. PROJECT NUMBER SPBN069226

weapons and tactics area, the intelligence area, and the command post. These are neither properly configured nor adjacent. The weapons and tactics area was constructed from a former aircraft simulator bay. Conversion and reconfiguration of this area, in addition to reconfiguration of immediately adjoining areas, are planned for the new larger DGS SCIF and production area.

IMPACT IF NOT PROVIDED: The DGS mission can not be bedded down at this installation without this project, and the mission's IOC date will not be achieved. Required equipment cannot be installed and will not be operational. Given the large amount of sensitive equipment necessary along with needed security requirements, there are no facility work arounds that could be considered and still attain and maintain mission operations and effectiveness. Both operational mission needs and personnel training specifications could not be accomplished without a properly configured facility.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". 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. Mission requirements, operational considerations and location are incompatible with use by other components.

OPERATIONS AND TRAINING AREA 790 SM = 8,500 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
OTIS ANG BASE, MASSACHUSETTS

5. PROJECT TITLE	7. PROJECT NUMBER
DIGITAL GROUND STATION (DGS) IOC BEDDOWN	SPBN069226

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	DEC 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	108
(b) All Other Design Costs	54
(c) Total	162
(d) Contract	162
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	FEB 2009

* 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 JOHN E. LOEHLE, PE
(301) 836-8076

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FT INDIANTOWN GAP ANG STATION, PENNSYLVANIA	AIR SUPPORT OPERATIONS SQUADRON (ASOS) BEDDOWN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52671F	171-447	LKLW069103	$6,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ASOS BEDDOWN	SM	3,217		5,070
OPERATION AND SUPPORT AREA	SM	1,305	2,024	(2,641)
SHOP AREA	SM	469	1,991	(934)
VEHICLE STORAGE AREA	SM	1,394	969	(1,351)
COVERED WASHRACK	SM	49	2,153	(105)
AT/FP MINIMUM STANDARDS	SM	1,774	22	(39)
SUPPORTING FACILITIES	LS			690
UTILITIES	LS			(190)
PAVEMENTS	LS			(320)
SITE IMPROVEMENTS	LS			(105)
COMMUNICATIONS SUPPORT	LS			(75)
SUBTOTAL				5,760
CONTINGENCY (5%)				288
TOTAL CONTRACT COST				6,048
SUPERVISION, INSPECTION AND OVERHEAD (6%)				363
TOTAL REQUEST				6,411
TOTAL REQUEST (ROUNDED)				6,400

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with spread footings and engineered fill, brick masonry exterior, masonry walls, gypsum and steel stud partition walls, fixtures and hardware, mechanical and plumbing, electrical, standing seam metal roof, utilities, general site preparation, pavements, landscaping, communications, fire protection and force protection measures. Also includes covered vehicle wash rack.
Air Conditioning: 263 KW.

11. REQUIREMENT: 3,217 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM
PROJECT: ASOS Beddown (New Mission)
REQUIREMENT: Fort Indian Town Gap ANG Station requires adequately sized and properly configured permanent facilities for the beddown of a new Air Support Operations Squadron (ASOS). The mission of the ASOS is to train and deploy with Army Units and direct air support and cover; establishing vital links between ground forces and aircrew members providing close air support. The mission requires an adequately sized and properly configured facility to support mission command and control, mission training, radio and vehicle maintenance, weapons storage, planning and administration support. The storage shed is required to house 24-each HMMWV vehicles. This ASOS trains with the Army National Guard units at the range and supports the 28th ID, the 2nd and the 56 SBCT. The manpower supported by this unit is 73.
CURRENT SITUATION: A site survey performed in the spring of 2006 indicated properly configured facilities to support the ASOS are not available at Fort Indian Town Gap ANG Station. ASOS must bed down in shared use space, with overcrowding, lack of training effectiveness, mission degradation, and inability to deploy as the ultimate results. Sensitive electronic gear, including aircraft-style radios and computer equipment, will be stored outdoors in canvas-topped HMMWV vehicles, which will allow premature failure due to moisture and weather exposure.
IMPACT IF NOT PROVIDED: The ASOS unit is not able to perform the required mission with out properly configured facilities. Command and control, mission planning, training of personnel, radio

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007
3. INSTALLATION AND LOCATION FT INDIANTOWN GAP ANG STATION, PENNSYLVANIA		
5. PROJECT TITLE AIR SUPPORT OPERATIONS SQUADRON (ASOS) BEDDOWN		7. PROJECT NUMBER LKLW069103

and vehicle maintenance, equipment and weapons security and administrative activities will be adversely impacted. Vehicles and equipment exposed to the weather will rapidly deteriorate, resulting in high maintenance, repair and replacement costs. Adverse impact to morale, recruiting and retention. ADDITIONAL: This project meets the criteria/scope specified in Air Force 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/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. Mission requirements, operational considerations, and location make for incompatible use by other components.

OPERATION AND SUPPORT AREA	1,305 SM = 14,050 SF
SHOP AREA	469 SM = 5,050 SF
VEHICLE STORAGE AREA	1,394 SM = 15,000 SF
COVERED WASHRACK	49 SM = 525 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
FT INDIANTOWN GAP ANG STATION, PENNSYLVANIA

5. PROJECT TITLE	7. PROJECT NUMBER
AIR SUPPORT OPERATIONS SQUADRON (ASOS) BEDDOWN	LKLW069103

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAR 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	AUG 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	384
(b) All Other Design Costs	192
(c) Total	576
(d) Contract	576
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

* 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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCGHEE TYSON IAP, TENNESSEE	MILSTAR BEDDOWN- RELOCATE BASE ACCESS ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53116F	851-147	PSXE069161	$3,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MILSTAR BEDDOWN- RELOCATE BASE ACCESS ROAD	SM	13,378		1,719
PAVED ROADWAY	SM	13,378	94	(1,258)
GUARD HOUSE AREA	SM	28	4,844	(136)
COVERED VEHICLE INSPECTION AREA	SM	149	1,184	(176)
PASS AND IDENTIFICATION AREA	SM	46	3,229	(149)
SUPPORTING FACILITIES				1,164
UTILITIES	LS			(750)
DRAINAGE/SITE IMPROVEMENTS	LS			(125)
SECURITY FENCING	LM	1,097	213	(234)
COMMUNICATIONS SUPPORT	LS			(55)
SUBTOTAL				2,883
CONTINGENCY (5%)				144
TOTAL CONTRACT COST				3,027
SUPERVISION, INSPECTION AND OVERHEAD (6%)				182
TOTAL REQUEST				3,209
TOTAL REQUEST (ROUNDED)				3,200

10. Description of Proposed Construction: Roadwork with earthwork, utility relocation, constructed sub-base, bituminous asphalt sub base, binder, final surfacing, drainage structures, signage, utility relocation, and traffic striping. Small scale facility work will include foundations, mechanical, electrical and communication systems, walls, roofs, pavements and canopies.
Air Conditioning: 18 KW.

11. REQUIREMENT: AS REQUIRED.
PROJECT: MILSTAR Beddown - Relocate Main Base Entrance Road (New Mission)
REQUIREMENT: The 134th Air Refueling Wing (ARW) requires adequate force protection measures to support a 12-PAI, KC-135 unit and associated strategic unit with MILSTAR capability. When operational, the MILSTAR has a required Protection Level of PL1, which drives additional security requirements at the site. To meet anti-terrorism and force protection measures (AT/FP), the main entrance road must be relocated and a new base entrance must be established to provide proper stand off distance, adequate queuing lanes, inspection areas, and pass and ID functions, while consolidating separate cantonment areas into one base.
CURRENT SITUATION: Located outside the main cantonment area of McGhee Tyson Air National Guard Base, the 119th Comand and Control Squadron (CACS) operates specialized electronic and telecommunications systems for United States Strategic Command. New mission directives require the 119th and related space mission systems to be classified as a PL1 priority resource, elevating security requirements. Currently, security forces must travel off Air Force property through the existing main entrance of the current cantonment area to provide force protection for the 119th and related DOD components. In addition, the site occupied by the 119th CACS does not adequately meet perimeter stand off distances. The perimeter stand off distances radiate from transmission equipment to provide additional security and in some instances a secondary need exists for signal radiation clearance. To decrease security risk and meet stand off distances, the existing public road adjacent to the area occupied by the 119th CACS will be relocated. A new road will be constructed to divert public traffic to the North, converting the existing road into an internal base road. This will create a single, fenced

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007

3. INSTALLATION AND LOCATION

MCGHEE TYSON IAP, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
MILSTAR BEDDOWN- RELOCATE BASE ACCESS ROAD	PSXE069161

cantonment area. The main gate and associated functions will be moved to the East, opposite its current location on a county road, creating a single entry point for all DOD functions at McGhee Tyson Airport. In addition to improving security for the 119th, the main base will now meet AT/FP criteria, improving the overall security for members of the 134th AW. The main gate deficiency was identified by the ANG vulnerability assessment team (VAT) inspection as "Serious".

IMPACT IF NOT PROVIDED: The current configuration of base facilities increases vulnerabilities, exposing the base populace to greater risk and requiring additional resources to meet security requirements for PL1 resources. Facilities and people will be exposed to greater risk from a range of potential threats possibly directed against the installation and high priority systems will be vulnerable to direct attack. The 119th CACS carries the highest degree of security risk, located in an extremely vulnerable location. In addition, current problems with the existing main gate entrance related to AT/FP measures and general access vulnerabilities continue to put DOD personnel at risk. Operationally, the impact will be manifested in higher cost to provide manpower and equipment dictated by the need to protect two separate sites and vulnerable priority resources.

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 requirements; therefore, no economic analysis was needed or performed. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components.

PAVED ROADWAY	13,378 SM = 16,000 SY
GUARD HOUSE AREA	28 SM = 300 SF
COVERED VEHICLE INSPECTION AREA	149 SM = 1600 SF
PASS AND IDENTIFICATION AREA	46 SM = 495 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
MCGHEE TYSON IAP, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
MILSTAR BEDDOWN- RELOCATE BASE ACCESS ROAD	PSXE069161

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	AUG 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	192
(b) All Other Design Costs	96
(c) Total	288
(d) Contract	288
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	FEB 2009

* 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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	C-5 FINAL INFRASTRUCTURE SUPPORT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	812-225	PYKL059219	$6,676

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 INFRASTRUCTURE UPGRADE	LS			5,998
SECONDARY BASE ENTRY GUARD HOUSE	LS			(310)
INTERIOR SECURITY CHECK STATION	LS			(70)
MAIN BASE ENTRY RETAINING WALL	LS			(350)
ROADS, SIDEWALK AND PARKING LOTS	LS			(1,910)
SIGNAGE BASE WIDE	LS			(250)
FLIGHTLINE AND INTERNAL SECURITY MEASURES	LS			(970)
SITE IMPROVEMENTS	LS			(300)
DRAINAGE IMPROVEMENTS	LS			(550)
ANTITERRORISM FORCE PROTECTION MEASURES	LS			(270)
UTILITIES AND IRRIGATION	LS			(493)
LANDSCAPING	LS			(525)
SUBTOTAL				5,998
CONTINGENCY (5%)				300
TOTAL CONTRACT COST				6,298
SUPERVISION, INSPECTION AND OVERHEAD (6%)				378
TOTAL REQUEST				6,676

10. Description of Proposed Construction: Provide wear surface an all new roads/parking and upgrade existing roadways by removing deteriorated pavements and replacing with bituminous pavements. Install roadway lighting, provide necessary site improvements, install base signage and provide communication duct bank to match existing system. Provide security fencing around the aircraft parking apron. Improve the drainage system by extending the culverts and drainage ditches. Provide blast fences and noise mitigation measures.

11. REQUIREMENT: As Required.

PROJECT: C-5 Final Infrastructure Support (New Mission).

REQUIREMENT: The 164th Airlift Wing requires properly phased and constructed infrastructure to support an 8-PAI, C-5 unit. To align appropriation with construction over a 4 year period in conjunction with infrastructure elements provided by the Memphis-Shelby County Airport Authority (MSCAA), infrastructure projects were appropriately phased. The final elements of that infrastructure includes serviceable pavement for parking lots for operational and privately owned vehicles. Other site development elements include flightline security fencing and access control gates, noise mitigation, secondary base entry access control, controlled area checkpoints, pedestrian walkways, sidewalks, and entryway area lighting, directional and building locator signage, landscaping and hardscaping. The roadways being provided in support of the new portion of the base have only a base course during the initial period of construction and require a wear surface to complete the roadways. These required elements support construction of the new proposed facilities of the 164th AW relocation. This is the final project of $200M in construction in support of the conversion at this base.

CURRENT SITUATION: The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority signed a Land Exchange Agreement (LEA) which mandates the Airport Authority as the design and construction agent to replicate the existing ANG C-141 facilities on new land at an Airport Authority cost of $77 million. The Air Force will return the existing 103 acres of land with the buildings occupied by the 164th AW in 2008 when relocation of the

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE C-5 FINAL INFRASTRUCTURE SUPPORT		7. PROJECT NUMBER PYKL059219

unit to this new site 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 area is being developed as the future base for the 164th AW as they convert to C-5 aircraft (8 PAI) and is a largely unimproved area. This is the final project to finish the base infrastructure, and provides the final site work, utility support, security measures, drainage improvements, and other miscellaneous work after all the other construction is completed.

IMPACT IF NOT PROVIDED: Without proper infrastructure the base will be incomplete, creating difficulties in access for base personnel while increasing the risk to DOD members not sufficiently protected with antiterrorism measures. General safety will be compromised, as insufficient lighting will increase the risk of potential harm to 164th AW employees. Operational security will be reduced without appropriate flight line security measures to protect C-5 assets. Vehicles will not be able to be properly parked. Sidewalks will not be available. Gates and pedestrian controls will not exist. The grounds will erode, jeopardizing adjacent structures. Parking lots and sidewalks will not have security/safety lighting.

ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative 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 can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 FINAL INFRASTRUCTURE SUPPORT	PYKL059219

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2005
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	70%
* (d) Date 35% Designed	JAN 2006
(e) Date Design Complete	MAY 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	400
(b) All Other Design Costs	200
(c) Total	600
(d) Contract	600
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	APR 2009

* 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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	C-5 MUNITIONS STORAGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	422-264	PYKL069128	$1,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MUNITIONS STORAGE COMPLEX	SM	232		807
STORAGE IGLOO	SM	167	3,767	(629)
INSPECTION AND MAINTENANCE FACILITY	SM	65	2,745	(178)
SUPPORTING FACILITIES				540
PAVEMENTS AND ACCESS ROADS	LS			(200)
SECURITY MEASURES	LS			(85)
SITE IMPROVEMENTS	LS			(75)
UTILITIES	LS			(100)
COMMUNICATIONS SUPPORT	LS			(35)
FIRE PROTECTION SUPPORT	LS			(45)
SUBTOTAL				1,347
CONTINGENCY (5%)				67
TOTAL CONTRACT COST				1,414
SUPERVISION, INSPECTION AND OVERHEAD (6%)				85
TOTAL REQUEST				1,499
TOTAL REQUEST (ROUNDED)				1,500

10. Description of Proposed Construction: Two reinforced concrete structures for storage and maintenance of munitions. Security fence, alarms, gates, access roads, utilities, and supporting facilities with necessary electrical, mechanical, and fire protection systems. Communications to include Intrusion Detection System (IDS) support at all storage and munitions maintenance and servicing areas.

11. REQUIREMENT: 232 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: C-5 Muntions Storage Complex (New Mission)

REQUIREMENT: The 164th AW at Memphis requires a properly configured and properly sized Munitions Storage Area to support 8 (PAI) C-5 Aircraft.

CURRENT SITUATION: The 164th AW is relocating to another part of the Memphis IAP. The Air Force on behalf of the Air National Guard (ANG) and the Memphis-Shelby County Airport Authority (MSCAA) has signed a Land Exchange Agreement (LEA) which mandates the Airport Authority as the design and construction agent to replicate the existing ANG C-141 facilities on new land at an Airport Authority cost of $77 million. The Air Force will return the existing 103 acres of land with the buildings occupied by the 164th AW in 2008 when relocation of the unit to this new site 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 area is being developed as the future base for the 164th AW as they convert to C-5 aircraft (8 PAI) and is a largely unimproved area. A new munitions storage area will be required to complete relocation of the unit as planned. The storage area will allow the storage of explosive items that must be secured and segregated away from habitable buildings.

IMPACT IF NOT PROVIDED: Munitions storage will not be available at the new location. To meet the relocation schedule, munitions storage must be completed to support the 164th AW mission requirements. If not provided, alternate interim storage locations will be required which will degrade mission readiness and increase operational cost. In addition, munitions will not be readily available, adversely impacting training.

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

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 MUNITIONS STORAGE COMPLEX	PYKL069128

Protection requirements have been considered in the development of this project. Siting of the facility has been coordinated with the Airport Authority and approved by the DOD Explosive Siting Board. This facility is an "uninhabited" building and meets the standoff distance requirements. No other option could meet the mission requirements over the long term; therefore, no economic analysis was needed or performed. Mission requirements, operational considerations, and location make for incompatible use by other components.

STORAGE IGLOO	167 SM = 1,800 SF
INSPECTION AND MAINTENANCE FACILITY	65 SM = 700 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 MUNITIONS STORAGE COMPLEX	PYKL069128

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	70%
* (d) Date 35% Designed	JUN 2006
(e) Date Design Complete	MAR 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	90
(b) All Other Design Costs	45
(c) Total	135
(d) Contract	135
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	DEC 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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	C-5 GROUND RUN-UP ENCLOSURE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	116-665	PYKL069133	$3,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
GROUND RUN-UP ENCLOSURE	SM	4,310		2,456
GROUND RUN-UP ENCLOSURE	SM	3,883	603	(2,341)
BLAST DEFLECTOR	SM	427	269	(115)
SUPPORTING FACILITIES				420
SITE IMPROVEMENTS	LS			(40)
PAVEMENTS	LS			(350)
UTILITIES	LS			(30)
SUBTOTAL				2,876
CONTINGENCY (5%)				144
TOTAL CONTRACT COST				3,020
SUPERVISION, INSPECTION AND OVERHEAD (6%)				181
TOTAL REQUEST				3,201
TOTAL REQUEST (ROUNDED)				3,200

10. Description of Proposed Construction: Earthwork to include top soil stripping, excavation and removal, and placement of cement treated sub base. Pavement work consists of placement of apron under drain system, anchoring system, crushed aggregate base course, concrete pavement and airfield markings; includes installation of a three-sided ground run-up enclosure with aerodynamic enhancements, with associated utilities and site improvements and blast deflectors .

11. REQUIREMENT: 4,311 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: C-5 Ground Run-up Enclosure. (New Mission)

REQUIREMENT: The 164th AW requires an adequately sized and properly configured noise attenuating ground run-up enclosure to support engine performance power checks for 8 PAI C-5 aircraft.

CURRENT SITUATION: The 164th AW converted from C-141 aircraft to 8 PAI C-5 aircraft and is in the process of receiving those aircraft. In addition to conversion, the 164th AW will also relocate to another part of the Memphis airfield in accordance with a Land Exchange Agreement between the Air Force and the Memphis-Shelby County Airport Authority (MSCAA). The C-5 creates a significantly greater amount of noise and creates a much larger noise pattern compared to the C-141. While the C-141 utilized a modest sound suppression system, a comparable sound suppression system does not exist for the C-5. For the C-5 a larger structure must enclose the aircraft to effectively suppress the noise. As an interim measure, maintenance personnel will be required to tow C-5 aircraft to an approved location, a deicing pad, located over two miles away from the new base location, to perform engine runs. Most C-5 engine runs require an entire day to perform. Use of the deicing pad by commercial carriers and a significant FEDEX operation limit availability and the Airport Authority will not allow the ANG to perform engine testing on the deicing apron permanently. The airport authority recently completed a noise study, evaluating all tenant's needs regarding power runs, and concluded engine runs for C-5's on the new Air National Guard Ramp within a ground run-up enclosure would be permissible. This project will allow the ANG to relocate the C-5 engine testing from the deicing apron to an area adjacent to the ramp area reducing significantly the time and distance the C-5 will have to be towed and most importantly permit engine testing in an environmentally safe manner.

IMPACT IF NOT PROVIDED: Without the ground run-up enclosure, C-5s must continue to be towed over two miles from the new base in order to use the airport's deicing pad for engine power checks.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE C-5 GROUND RUN-UP ENCLOSURE		7. PROJECT NUMBER PYKL069133

Additional manpower is required to tow the aircraft to/from the deicing pad for these events and the ANG continues to compete for access to the deicing pad with the other airline tenants. In addition to manpower cost, equipment costs increase as a result of wear and tear on towing vehicles, stands and other required equipment. The deicing apron may not be available to meet the ANG testing need. This will degrade operational efficiency, mission readiness and mission effectiveness.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements", UFC 3-260-01, "Airfield and Heliport Planning and Design", and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternative 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. Mission requirements, operational considerations, and location make for incompatible use by other components.

GROUND RUN-UP ENCLOSURE	3,883 SM = 41,800 SF
BLAST DEFLECTOR	427 SM = 4,600 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 GROUND RUN-UP ENCLOSURE	PYKL069133

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAY 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	70%
* (d) Date 35% Designed	AUG 2006
(e) Date Design Complete	MAY 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	192
(b) All Other Design Costs	96
(c) Total	288
(d) Contract	288
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

* 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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 FUEL CELL MAINTENANCE HANGAR AND SHOPS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	211-179	PJVY009074	$26,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 FUEL CELL HANGAR	SM	7,497		21,711
FUEL CELL HANGAR AREA AND SHOPS AREA	SM	7,497	2,874	(21,546)
ANTITERRORISM FORCE PROTECTION	SM	7,497	22	(165)
SUPPORTING FACILITIES	LS			1,654
UTILITIES	LS			(250)
PAVEMENTS	LS			(400)
SITE IMPROVEMENTS	LS			(123)
COMMUNICATION SUPPORT	LS			(75)
FIRE SUPPRESSION SYSTEM	LS			(500)
DEMOLISH /ASBESTOS REMOVAL	SM	1,901	161	(306)
SUBTOTAL				23,365
CONTINGENCY (5%)				1,168
TOTAL CONTRACT COST				24,533
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,472
TOTAL REQUEST				26,005
TOTAL REQUEST (ROUNDED)				26,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior shop space of 325 SM, walls, fire protection and utilities including fumes extracting systems and floor drains. Exterior utilities, pavements, site improvements, communications extension and support. Demolish one building (1,901 SM). Air Conditioning: 158 KW.

11. REQUIREMENT: 7,497 SM ADEQUATE: 0 SM SUBSTANDARD: 1,901 SM

PROJECT: C-5 Fuel Cell Maintenance Hangar and Shops (New Mission).

REQUIREMENT: The base requires an adequately sized and configured aircraft fuel cell maintenance hangar and shop in support of the 167th Airlift Wing's (AW) conversion to 10 PAI C-5 aircraft in 2007. Functional areas include a fully enclosed aircraft hangar, shop space and administrative areas that are directly related to the fuel cell maintenance function.

CURRENT SITUATION: The 167th AW currently flies 12 PAI C-130 aircraft. The base has only two aircraft maintenance spaces and both are much too small to support maintenance activities required for C-5 aircraft. The much larger C-5 cannot fit in the existing facilities. Modifications/additions are not possible since the 1,901 SM hangar is in the way of construction and must be demolished.

IMPACT IF NOT PROVIDED: The base will have to perform maintenance of the C-5 fuel systems at an alternative C-5 base or outdoors. Work is not possible on the apron during periods of inclement weather. Such conditions will decrease unit's ability to maintain and generate aircraft and pose a danger to the maintenance crews and possible fuel spills on the apron.

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 existing C-130 fuel cell hangar (building 128; 1,901 SM) will be demolished as a result of this project. This facility can be

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE C-5 FUEL CELL MAINTENANCE HANGAR AND SHOPS		7. PROJECT NUMBER PJVY009074

used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements.

FUEL CELL HANGAR AREA AND SHOPS AREA	7,497 SM = 80,698 SF
DEMOLISH /ASBESTOS REMOVAL	1,901 SM = 20,462 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION
EWVRA-SHEPHERD FIELD, WEST VIRGINIA

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 FUEL CELL MAINTENANCE HANGAR AND SHOPS	PJVY009074

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2007	100%
* (d) Date 35% Designed	AUG 2004
(e) Date Design Complete	SEP 2006
(f) Type of Design Contract	Design/Build
(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	1,300
(b) All Other Design Costs	650
(c) Total	1,950
(d) Contract	1,950
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	SEP 2009

* 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: Capt Walter Moddison
(301) 836-7636

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 SQUADRON OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	141-753	PJVY009077	$7,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 SQUADRON OPERATIONS FACILITY	SM	2,787		5,351
SQUADRON OPERATIONS AREA	SM	2,295	1,927	(4,422)
SURVIVAL EQUIPMENT SHOP AREA	SM	492	1,765	(868)
ANTITERRORISM FORCE PROTECTION	SM	2,787	22	(61)
SUPPORTING FACILITIES	LS			1,468
UTILITIES	LS			(325)
PAVEMENTS	LS			(295)
SITE IMPROVEMENTS	LS			(210)
COMMUNICATIONS SUPPORT	LS			(75)
PASSIVE FORCE PROTECTION MEASURES	LS			(75)
DEMOLITION	SM	3,034	161	(488)
SUBTOTAL				6,819
CONTINGENCY (5%)				341
TOTAL CONTRACT COST				7,160
SUPERVISION, INSPECTION AND OVERHEAD (6%)				430
TOTAL REQUEST				7,590
TOTAL REQUEST (ROUNDED)				7,600

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure. Interior walls and utilities. Includes all exterior utility systems, site improvements, fire protection and communications support. Building exterior compatible with the base architectural style. Demolish one building (3,034 SM) and landscape the site. Air Conditioning: 438 KW.

11. REQUIREMENT: 2,787 SM ADEQUATE: 0 SM SUBSTANDARD: 3,034 SM

PROJECT: C-5 Squadron Operations Facility (New Mission).

REQUIREMENT: The base requires an adequately sized and properly configured facility to accommodate airlift squadron operations in support of the unit's conversion from 12 C-130 aircraft to 10 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, base operations, and a transient passenger waiting area.

CURRENT SITUATION: The squadron operations function is housed in a two-story building and shares the space with other functions. The squadron operations function is severely short of space and not adequately configured for a smooth and efficient flow for C-5 strategic flying operations. Due to site constraints, a building addition is not possible. The building does not meet standoff distance for force protection. Current interior configuration requires pilots and other crew members to detour throughout the building to obtain all essential information and equipment needed to prepare for a flying mission to include intelligence, flight briefing, life support equipment and flight plans. The facility does not have a waiting area for in-transit military passengers. Experience indicates that the C-5 aircraft will have significant in-transit passengers who travel to and from overseas. Accommodations for these in-transit personnel are required for strategic cargo aircraft such as the C-5 and C-17, and not the C-130. The survival equipment shop is severely undersized and will not support the maintenance of required life rafts. As part of the C-5 conversion, the entire aircraft parking apron area has been

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE C-5 SQUADRON OPERATIONS FACILITY		7. PROJECT NUMBER PJVY009077

expanded and relocated by previously-funded military construction projects. The squadron operations facility is now improperly located in relation to the new apron configuration and will be demolished. IMPACT IF NOT PROVIDED: The base is not able to support the beddown of the C-5 aircraft. Aircrew training effectiveness and efficiency will be degraded. The base will not reach full operational capability. Force protection requirements cannot be met. In-transit passengers cannot be accommodated and space reserved for the survival equipment shop cannot accommodate the larger size and quantities of equipment. Accept increased risk of poor training and possible mission failure. 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. Since the building cannot be expanded, no other option could meet the mission requirements; therefore, no economic analysis was needed or performed. 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. Building 120 (3,034 SM) will be demolished upon completion of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements.

SQUADRON OPERATIONS AREA	2,295 SM = 24,700 SF
SURVIVAL EQUIPMENT SHOP AREA	492 SM = 5,300 SF
DEMOLITION	3,034 SM = 32,653 SF

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007
3. INSTALLATION AND LOCATION		
EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 SQUADRON OPERATIONS FACILITY		PJVY009077

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2003
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	100%
* (d) Date 35% Designed	APR 2005
(e) Date Design Complete	DEC 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	430
(b) All Other Design Costs	215
(c) Total	645
(d) Contract	645
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	MAY 2009

* 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: Walter Moddison
(301) 836-7636

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EWVRA-SHEPHERD FIELD, WEST VIRGINIA	C-5 FINAL INFRASTRUCTURE UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	932-000	PJVY029162	$5,176

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 INFRASTRUCTURE UPGRADE	LS			4,651
ROADS, SIDEWALK AND PARKING LOTS	LS			(2,200)
SITE IMPROVEMENTS	LS			(400)
DRAINAGE IMPROVEMENTS	LS			(1,071)
SECURITY MEASURES	LS			(390)
UTILITIES	LS			(590)
SUBTOTAL				4,651
CONTINGENCY (5%)				233
TOTAL CONTRACT COST				4,884
SUPERVISION, INSPECTION AND OVERHEAD (6%)				292
TOTAL REQUEST				5,176

10. Description of Proposed Construction: Provide wear surface an all new roads/parking and upgrade existing roadways by removing deteriorated pavements and replacing with bituminous pavements, upgrade roads from asphaltic pavement to concrete pavement; install roadway lighting, provide necessary site improvements, install base signage and provide communication duct bank to match existing system. Provide security fencing around the aircraft parking apron. Improve the drainage system by extending the culverts and drainage ditches. Relocate the electrical system underground. Provide blast fences and noise mitigation measures. Demolish roads and pavements no longer required.

11. REQUIREMENT: As Required.

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

REQUIREMENT: The base requires properly aligned, adequately sized and serviceable vehicle pavements and other infrastructure that meet the antiterrorism force protection requirements to support 10 PAI C-5 aircraft.

CURRENT SITUATION: This is the final project of a $200M construction effort in support of the conversion from C-130 to C-5. The roadways being provided in support of the new portion of the base have only a base course during the initial period of construction, and require a wear surface to complete the roadways. The existing vehicle pavements are misaligned and too close to existing facilities; in several cases the systems are deteriorated and not adequately sized to support the new routes that are necessary for the maintenance requirements of the C-5 aircraft. Vehicles necessary to support the C-5 aircraft are much larger and heavier than the currently assigned vehicles. The current asphaltic pavement roads cannot structurally support these vehicles and will experience accelerated deterioration. The construction effort since 2004 in this multi-project, multi-year aircraft beddown has caused damage to the roads and pavements, increasing the risk of FOD migrating to the aircraft operating surfaces. Two-way traffic on these roads is also difficult at best, resulting in an increased potential for vehicle accidents. Several roads run too close to inhabited buildings and do not meet antiterrorism force protection standards. These sections of the road will need to be relocated. The new expanded apron does not have security fencing around it.

IMPACT IF NOT PROVIDED: Undersized roadways increase risk of vehicular accidents. Damaged pavements continue to deteriorate, adding risk of FOD migration to aircraft operating surfaces.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2007
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE C-5 FINAL INFRASTRUCTURE UPGRADE		7. PROJECT NUMBER PJVY029162

Security measures cannot be met, adding risk to mission accomplishment and placing priority strategic airlift assets in jeopardy.

ADDITIONAL: This project meets the criteria/scope specified in Air Force 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 alternative 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.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, WEST VIRGINIA

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 FINAL INFRASTRUCTURE UPGRADE	PJVY029162

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2007	35%
* (d) Date 35% Designed	JAN 2007
(e) Date Design Complete	SEP 2007
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	311
(b) All Other Design Costs	155
(c) Total	466
(d) Contract	466
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2008
(5) Construction Start	MAR 2008
(6) Construction Completion	MAY 2009

* 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: Walter Moddison
(301) 836-7636

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2008

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $7,965,000

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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

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	AAAA080001	$7,965

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			7,965
SUBTOTAL				7,965
TOTAL CONTRACT COST				7,965
TOTAL REQUEST				7,965

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 2008 design funds are needed to complete the design for those projects that are to be included in the FY 2009 MILCON program and to begin the design for those projects to be included in the FY 2010 program. Funds also provide for design of the FY 2008 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2008 to ensure the design milestones for the FY 2009 and FY 2010 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 2008

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $6,500,000

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 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2007

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	AAAA080002	$6,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			6,500
SUBTOTAL				6,500
TOTAL CONTRACT COST				6,500
TOTAL REQUEST				6,500

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 2008 or FY 2009, 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 2008 MILCON program and the projects cannot wait for the FY 2009 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 2008

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION HULMAN REGIONAL AIRPORT, TERRE HAUTE, INDIANA		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly unit training 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 Marine Corps Reserve Center - 4 miles; Three Army National Guard Units - 6 miles; one Army Reserve Center - 10 miles

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Digital Ground Station (DGS) Beddown	3,094 SM (33,300 SF)	7,700	Jul 06	Aug 07

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 11 Apr 06 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
171-447	Air Support Operations Squadron (ASOS) Beddown	3,568 SM (38,400 SF)	3,930
	R&M Unfunded Requirement: $3,488,000		

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

HULMAN REGIONAL AIRPORT, TERRE HAUTE, INDIANA

11. PERSONNEL STRENGTH AS OF 28 Jul 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	366	30	336	0	1,025	119	906
ACTUAL	282	20	262	0	990	102	888

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
113 Fighter Squadron	41	37
113 Weather Flight	15	16
181 Aircraft Generation Squadron	160	135
181 Civil Engineering Squadron	93	107
181 Communication Flight	42	47
181 Fighter Wing	48	48
181 Logistics Group	21	19
181 Logistics Squadron	93	95
181 Logistics Support Flight	31	26
181 MEDS	55	50
181 Maintenance Squadron	212	186
181 Mission Support Flight	23	24
181 Operations Group	3	3
181 Operations Support Flight	26	27
181 Security Forces Squadron	73	92
181 Support Group	8	7
181 Student Flight	5	0
181 Services Flight	33	31
207 Weather Flight	14	13
HQ INANG	29	27
TOTALS	1,025	990

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	17
Support Equipment	207	207
Vehicle Equivalents	366	365

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION CAMP BEAUREGARD TRAINING SITE, PINEVILLE, LOUISIANA		4. AREA CONSTR COST INDEX .94

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

1 Army National Guard Post, 1 Army Reserve facility, 3 Army National Guard Armories

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
214-428	Upgrade Air Support Operations Squadron (ASOS) Facility	1,322 SM (14,230 SF)	1,800	May 06	Aug 07

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 14 Dec 04 (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: $2,001,900

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

CAMP BEAUREGARD TRAINING SITE, PINEVILLE, LOUISIANA

11. PERSONNEL STRENGTH AS OF 11 Aug 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	13	2	11	0	73	16	57
ACTUAL	13	2	11	0	65	10	55

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
122 Air Support Operations Squadron	73	65
TOTALS	73	65

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	75	75
Vehicle Equivalence	71	71
Vehicles	75	75

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION OTIS ANG BASE, FALMOUTH, MASSACHUSETTS		4. AREA CONSTR COST INDEX 1.15

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by active duty reservists and technicians in support of day-to-day mission and training requirements.

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

1 Active US Coast Guard, 1 Coast Guard Reserve, 1 Army Reserve, 1 Army National Guard, 1 Active Air Force and 1 US Marine Facility

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Digital Ground Station (DGS) IOC Beddown	790 SM (8,500 SF)	1,800	Aug 06	Dec 07

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 18 Nov 05 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
116-922	BRAC - Remove Aircraft Arresting System	3 EA (3 EA)	500
	R&M Unfunded Requirement: $39,125,000		

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

OTIS ANG BASE, FALMOUTH, MASSACHUSETTS

11. PERSONNEL STRENGTH AS OF 01 Aug 05

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	251	17	234	0	1,221	125	1,096
ACTUAL	294	17	277	0	1,081	117	964

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
101 Fighter Squadron	38	34
102 Aircraft Generation Squadron	161	131
102 Civil Engineering Squadron	99	94
102 Communication Flight	50	42
102 Fighter Wing	60	56
102 Logistics Group	19	18
102 Logistics Squadron	111	96
102 Logistics Support Flight	33	22
102 Medical Operating Location	6	2
102 Medical Squadron	62	52
102 Mission Support Flight	32	35
102 MXS	196	161
102 Operations Group	3	4
102 Operations Support Flight	20	20
102 Security Forces Squadron	86	85
102 SPTG	5	5
102 Services Flight	20	22
202 Weather Flight	18	21
253 Combat Communications Group	39	42
253 CCGOL	35	14
267 Combat Communications Squadron	128	125
TOTALS	1,221	1,081

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
AGE Support Equipment	279	279
F-15 Aircraft	15	18
Number of Vehicles	688	696

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION FT INDIANTOWN GAP ANG STATION, ANNVILLE, PENNSYLVANIA		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. Forty weeks of class instruction conducted by the Regional Equipment Operations Training School (REOTS) and Lightning Force Schol (LFA). Various other classes through the Regional Training Site.

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

1 Army Reserve Center and 1 Air National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Air Support Operations Squadron (ASOS) Beddown	3,217 SM (34,625 SF)	6,400	Mar 06	Aug 07

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 24 Aug 06 (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: $8,598,500

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

FT INDIANTOWN GAP ANG STATION, ANNVILLE

11. PERSONNEL STRENGTH AS OF 01 Aug 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	94	10	84	0	556	33	523
ACTUAL	77	10	67	0	492	27	465

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
111 LFS	5	5
111 REOTS	13	12
111 RTS	13	9
148 Air Support Operations Squadron	10	11
193 Regional Support Group	2	2
201 Red Horse Squadron	209	173
203 Weather Flight	15	16
211 Engineering Installation Squadron	121	104
271 Combat Communications Squadron	132	123
533 Air Force Band	36	37
TOTALS	556	492

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	285	278

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

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

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION MCGHEE TYSON IAP, KNOXVILLE, TENNESSEE		4. AREA CONSTR COST INDEX .85

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

Two Army National Guard Armories, one Army Aviation Support Facility, one Army Reserve Unit, one Marine Corps Reserve Unit and one Navy Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
851-147	MILSTAR Beddown- Relocate Base Access Road	13,378 SM (16,000 SY)	3,200	Jul 06	Aug 07

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 18 Jan 06 (Date)

9. LAND ACQUISITION REQUIRED 5 (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
113-321	BRAC - Expand Parking Apron and Hydrant System	13,906 SM (16,632 SY)	4,000
	R&M Unfunded Requirement: $12,855,000		

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

MCGHEE TYSON IAP, KNOXVILLE, TENNESSEE

11. PERSONNEL STRENGTH AS OF 31 Jul 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	333	36	297	0	1,061	136	925
ACTUAL	333	36	297	0	1,091	143	948

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
134 AMS	67	67
134 Air Refueling Wing	52	60
134 Civil Engineering Squadron	95	109
134 Communication Flight	46	48
134 Logistics Group	11	9
134 LRS	101	105
134 MEDG	71	74
134 MOF	24	20
134 Maintenance Squadron	173	178
134 Mission Support Flight	23	23
134 MSG	8	11
134 Operations Group	6	5
134 Operations Support Flight	25	31
134 Security Forces Squadron	73	73
134 Services Flight	46	49
151 Air Refueling Squadron	75	71
228 Combat Communications Squadron	129	117
572 Air Force Band	36	41
TOTALS	1,061	1,091

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	12	21
Support Equipment	261	261
Vehicle	136	131
Vehicle Equivalents	387	387

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS, TENNESSEE		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 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
812-225	C-5 Final Infrastructure Support	LS (LS)	6,676	Dec 05	May 07
422-264	C-5 Munitions Storage Complex	232 SM (2,500 SF)	1,500	Apr 06	Mar 07
116-665	C-5 Ground Run-up Enclosure	4,310 SM (46,400 SF)	3,200	May 06	May 07

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 06 (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: $800,000

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, MEMPHIS, TENNESSEE

11. PERSONNEL STRENGTH AS OF 01 Aug 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	441	26	411	4	1,180	126	1,054
ACTUAL	404	25	375	4	976	116	860

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	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 2008

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

1. COMPONENT ANG	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2007
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, MARTINSBURG, WEST VIRGINIA		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 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	C-5 Fuel Cell Mx Hangar and Shops	7,497 SM (80,700 SF)	26,000	Jul 04	Nov 07
141-753	C-5 Squadron Operations Facility	2,787 SM (30,000 SF)	7,600	Dec 03	Dec 05
932-000	C-5 Final Infrastructure Upgrade	LS (LS)	5,176	Apr 06	Sep 07

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 25 May 06 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
113-321	C -5 Aircraft Parking Apron Addition	26,588 SM (31,800 SY)	9,403
	R&M Unfunded Requirement: $3,822,000		

1. COMPONENT	FY 2008 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2007

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, MARTINSBURG, WEST VIRGINIA

11. PERSONNEL STRENGTH AS OF 01 Aug 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	35	252	0	1,165	196	969
ACTUAL	269	30	239	0	1,207	154	1,053

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
167 Airlift Evacuation Squadron	112	101
167 Aircraft Generation Squadron	191	233
167 Aerial Port Squadron	99	81
167 Airlift Squadron	166	163
167 Airlift Wing	51	56
167 Civil Engineering Squadron	93	93
167 Communication Flight	41	38
167 Logistics Group	11	11
167 Logistics Squadron	101	101
167 Medical Squadron	65	50
167 MOF	11	11
167 Mission Support Flight	23	25
167 MSX	62	63
167 Operations Group	8	6
167 Operations Support Flight	21	24
167 Security Forces Squadron	73	88
167 Support Group	8	8
167 Student Flight	0	33
167 Services Flight	29	22
TOTALS	1,165	1,207

13. MAJOR EQUIPMENT AND AIRCRAFT

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

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2008

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2008

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2007

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2008	3830	LDXF069062	Hulman RAP	IN	Digital Ground Station (DGS) Beddown	171-447	53117F	7,700		New	Existing
ANG	2008	3830	CYQY069191	Camp Beauregard	LA	Upgrade ASOS Facility	214-428	52671F	1,800		New	New
ANG	2008	3830	SPBN069226	Otis ANGB	MA	Digital Ground Station (DGS) IOC Beddown	171-447	53117F	1,800		New	Existing
ANG	2008	3830	LKLW069103	Fort Indiantown Gap	PA	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,400		New	New
ANG	2008	3830	PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,676	501	Scope change	Existing
ANG	2008	3830	PYKL069128	Memphis IAP	TN	C-5 Munitions Storage Complex	422-264	54119F	1,500		New	New
ANG	2008	3830	PYKL069133	Memphis IAP	TN	C-5 Ground Runup Enclosure	116-665	54119F	3,200		New	New
ANG	2008	3830	PSXE069161	McGhee Tyson IAP	TN	MILSTAR Beddown- Relocate Base Access Road	851-147	53116F	3,200		New	New
ANG	2008	3830	PJVY009074	EWVRA Shepherd Field	WV	C-5 Fuel Cell Maintenance Hangar and Shops	211-179	54119F	26,000			New
ANG	2008	3830	PJVY009077	EWVRA Shepherd Field	WV	C-5 Squadron Operations Facility	141-753	54119F	7,600	(300)	Scope change	New
ANG	2008	3830	PJVY029162	EWVRA Shepherd Field	WV	C-5 Final Infrastructure Upgrade	932-000	54119F	5,176	726	Scope change	Existing
ANG	2008	3830		Various	--	Planning and Design	--	55296F	7,965	(5,719)		
ANG	2008	3830		Various	--	Unspecified Minor Construction	--	55296F	6,500	1,500		
							FY 2008 Total		85,517			

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2009	3830	CRWU069189	Buckley AFB	CO	Centralized Personnel Servicing Facility	610-128	55296F	7,000		New	New
ANG	2009	3830	JLWS069047	New Castle MAP	DE	Info Ops Exploitation Facility	171-447	53117F	3,200		New	New
ANG	2009	3830	LDXF069123	Hulman RAP	IN	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	3,930		New	New
ANG	2009	3830	PBXP069219	Mansfield MAP	OH	RED HORSE Beddown	171-445	55296F	11,000		New	New
ANG	2009	3830	FWJH069154	Ellington Field	TX	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,500		New	New
ANG	2009	3830	CURZ069220	Burlington	VT	Security Forces Facility	730-835	55296F	6,600		New	Existing
ANG	2009	3830		Various	--	Planning and Design	--	55296F	5,600	(6,521)		
ANG	2009	3830		Various	--	Unspecified Minor Construction	--	55296F	7,200	1,200		
							FY 2009 Total		51,030			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2007

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2010	3830	FAKZ959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	141-786	55296F	7,830	430	Scope Change, Moved from FY09	New
ANG	2010	3830	FBNV069124	Davis Monthan AFB	AZ	Predator Beddown - FOC	171-447	53219F	5,600		New	New
ANG	2010	3830	SCLA069165	South California Logistics Apt	CA	Predator FTU LRE Beddown	211-175	53219F	8,400		New	New
ANG	2010	3830	HAYW069174	Fresno Yosemite Int'l ANG	CA	Construct ECM Pod Shop	217-713	51216F	1,500		New	New
ANG	2010	3830	HAYW069175	Fresno Yosemite Int'l ANG	CA	Munitions Storage Addition	422-264	51216F	1,650		New	New
ANG	2010	3830	XDQU069146	Savannah IAP	GA	Troop Training Headquarters	725-517	55296F	7,200	(4,000)	Scope Change, Moved from FY11	New
ANG	2010	3830	KNMD069208	Hickam AFB	HI	F-22 LO/Composite Repair Facility	211-159	51721F	24,600		New	New
ANG	2010	3830	FFAN049054	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,850	250	Scope Change, Moved from FY09	New
ANG	2010	3830	ATQZ049049	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	5,143	243	Scope Change, Moved from FY09	New
ANG	2010	3830	VUBV069101	Smoky Hill Range	KS	ASOS Beddown	171-447	55296F	9,000		New	New
ANG	2010	3830	KAFF019017	Hammond ANGS	LA	Upgrade Communications Complex	442-758	55296F	5,000		New	Existing
ANG	2010	3830	NGCB019121	Lincoln MAP	NE	Add/Alter Security and Comm	730-835	55296F	8,400			Existing
ANG	2010	3830	UCTL919637	Reno-Tahoe IAP	NV	Fire Station	130-142	55296F	9,700		New	Existing
ANG	2010	3830	HAAW039012	Hancock Field	NY	Upgrade ASOS Facility	171-447	52671F	5,000		Scope Change	Existing
ANG	2010	3830	YZEU069106	Will Rogers World Aprt	OK	ASOS Beddown	171-447	52671F	6,800			New
ANG	2010	3830	PSTE009070	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	11,200		Moved from FY09	Existing
ANG	2010	3830	MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	6,500	(1,000)	Scope Change	New
ANG	2010	3830	LYBH009133	Yeager MAP	WV	Replace Communications Facility	131-111	55296F	4,400			Existing
ANG	2010	3830		Various	--	Planning and Design	--	55296F	4,400	(7,792)		
ANG	2010	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000	(2,000)		
								FY 2010 Total	142,173			

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2011	3830	NKAK049051	Little Rock AFB	AR	Replace Engine Shop	211-157	55296F	3,600	100	Scope Change	Existing
ANG	2011	3830	HFHA069130	Fort Huachuca	AZ	Predator LRE Beddown	211-111	53219F	11,000		New	New
ANG	2011	3830	JLWS019053	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	171-447	55296F	10,800		Moved from FY10	New
ANG	2011	3830	LSGA029009	Jacksonville IAP	FL	Communications Training Facility	131-111	55296F	6,000	(6,400)	Scope Change, Moved from FY09	New
ANG	2011	3830	TDVG029066	Alpena MAP	MI	Replace Troop Training Quarters	725-517	55296F	8,500			Existing
ANG	2011	3830	WEFM069122	Stanly County AP	NC	Construct Air Traffic Control Facility	171-447	55296F	3,750		New	New
ANG	2011	3830	KKGA069004	Hector Field	ND	Relocate Base Main Entrance	730-837	55296F	1,500		New	New
ANG	2011	3830	KKGA029115	Hector Field	ND	Replace Fire Station	130-142	55296F	6,900		New	New
ANG	2011	3830	AQRC069153	Atlantic City IAP	NJ	ASOS Beddown	171-447	52671F	9,835		New	Existing
ANG	2011	3830	HAAW069167	Hancock Field	NY	Predator IOC/FOC Beddown	149-511	53219F	5,000		New	Existing
ANG	2011	3830	WYTD029015	Toledo IAP	OH	Security Forces Facility	130-142	55296F	7,900	397	Scope Change	New
ANG	2011	3830	TWLR069142	Quonset MAP	RI	Special Operations Facility	171-447	55296F	5,000	1,950	New	New
ANG	2011	3830	NTEA969576	Lovell ANGS	TN	Comm Training Facility	171-447	55296F	8,200		New	Existing
ANG	2011	3830	FWJH069194	Ellington Field	TX	Upgrade Predator Launch/Recovery Element (LRE)	211-111	53219F	7,000		New	New
ANG	2011	3830	DDPM009116	JRB Fort Worth	TX	Composite Support Complex	730-835	55296F	6,200	(200)	Scope Change, Moved from FY10	Existing
ANG	2011	3830	PQWY059045	McChord AFB	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	7,400	(1,000)	Scope Change, Moved from FY08	New
ANG	2011	3830	XGFG059041	Truax Field ANGB	WI	Construct Communications Facility	131-111	55296F	5,900			New
ANG	2011	3830		Various	--	Planning and Design	--	55296F	4,200	(4,717)		
ANG	2011	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000	(2,000)		
								FY 2011 Total	122,685			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2007

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2012	3830	PJMS909928	Martin State Airport	MD	Composite Training Facility	171-450	55296F	6,116		New	New
ANG	2012	3830	FKNN009010	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	13,450	(150)	Scope Change, Moved from FY09	New
ANG	2012	3830	ULYB039126	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	8,600	(1,900)	Scope Change, Moved from FY09	New
ANG	2012	3830	SZCQ989023	Pease Tradeport	NH	Replace Ops and Training	171-445	55296F	9,200	300	Scope Change, Moved from FY09	New
ANG	2012	3830	KJAQ029041	Klamath Falls Airport	OR	Replace Security Forces Facility	730-835	55296F	4,961	1,261	Scope Change, Moved from FY09	
ANG	2012	3830	USEB889585	Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	10,200		Moved from FY10	New
ANG	2012	3830		Various	--	Planning and Design	--	55296F	4,000			
ANG	2012	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000			
							FY 2012 Total		60,527			
ANG	2013	3830	VSSB062005	Sioux City	IA	KC-135 Engine Test Apron	112-211	55296F	3,000		New	New
ANG	2013	3830	BXRH019091	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9,600		Scope Change, Moved from FY09	New
ANG	2013	3830	DCFT039115	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	6,100		Moved from FY08	New
ANG	2013	3830	VGLZ059233	Selfridge ANGB	MI	Replace Jet Fuel Storage Complex	124-135	55296F	11,000	(7,000)	Scope Change, Moved from FY10	New
ANG	2013	3830	MDVL939655	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55296F	7,324	124	Scope Change, Moved from FY10	Existing
ANG	2013	3830	WKVB029123	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	8,400	(5,000)	Scope Change, Moved from FY09	Existing
ANG	2013	3830	FWJH059032	Ellington Field	TX	Replace Fire Station	130-142	55296F	7,000	(200)	Scope Change, Moved from FY11	New
ANG	2013	3830	PJVY069224	EWVRA Shepherd Field	WV	C-5 Parking Apron Addition	113-321	54119F	9,403	5,403	Scope Change, Moved from FY10	New
ANG	2013	3830	DPEZ019000	Cheyenne MAP	WY	Vehicle Mx & Deployment Processing Center	214-425	55296F	6,500		New	Existing
ANG	2013	3830		Various	--	Planning and Design	--	55296F	3,800			
ANG	2013	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000			
							FY 2013 Total		76,127			

OTHER PROJECTS NO LONGER IN FYDP

Comp	FY			Installation	Location	Project Title			Budget Amount $000		Explanation of Changes	
				Birmingham IAP	AL	KC135 Mobility Processing and Alert Crew Quarters			4,500		Pending Appropriation	
				Fort Smith MAP	AR	Replace Civil Engineering Maintenance Complex			4,000		Moved from FY10	
				Hot Springs MAP	AR	Relocate 223 Combat Communications Squadron			4,500		Moved from FY11	
				Little Rock AFB	AR	Replace Engine Shop			3,600		Pending Appropriation	
				Beale AFB	CA	Relocate Combat Communications Squadron			8,700		Moved from FY11	
				Fresno/Yosemite IAP	CA	Replace Squadron Operations Facility			9,800		Pending Appropriation	
				Buckley AFB	CO	Alert crew quarters			3,100		Pending Appropriation	
				Buckley AFB	CO	Replace Squadron Operations Facility			7,000		Pending Appropriation	
				Savannah IAP	GA	Troop Training Quarters			8,700		Pending Appropriation	
				Fort Dodge ANGS	IA	Vehicle Maintenance and Communications Training			5,500		Pending Appropriation	
				Forbes MAP	KS	Replace Squadron Operations			9,100		Moved from FY 09	
				Barnes MAP	MA	Add to and Alter Fire Station			7,000		Pending Appropriation	
				Martin State Airport	MD	Replace Fire Sation/ASE			8,800		Pending Appropriation	
				Great Falls IAP	MT	Replace Ops and Training Facility			9,600		Pending Appropriation	
				Atlantic City IAP	NJ	Munitions Administrative Facility			1,500		Moved from FY 09	
				Atlantic City IAP	NJ	Arm /Dearm Apron			1,800		Pending Appropriation	
				Atlantic City IAP	NJ	Operations and Training Facility			8,300		Moved from FY09	
				McGuire AFB	NJ	Replace Base Civil Engineer Complex			7,400		Moved from FY 08	
				Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility			5,000		Pending Appropriation	
				Griffiss Airport	NY	EADS Support Facility			6,600		Pending Appropriation	
				Hancock Field	NY	Upgrade Base Infrastructure			8,000		Pending Appropriation	
				Rickenbacker IAP	OH	Security Forces/ Communications Facility			7,200		Pending Appropriation	
				Toledo IAP	OH	Replace Band Facility			1,700		Moved from FY 08	
				Fort Indiantown Gap	PA	Replace RED HORSE Training Facility			6,000		Pending Appropriation	
				Joe Foss Field	SD	Replace Base Engineer Complex			7,500		Pending Appropriation	
				McGhee-Tyson Airport	TN	Squadron Operations Facility			11,200		Pending Appropriation	
				Memphis IAP	TN	C-5 Widen Taxilane			1,500		Moved from FY 09	
				Burlington IAP	VT	Base Security Improvements.			6,000		Pending Appropriation	
				Truax Field	WI	Add To and Alter Fire Station			7,000		Pending Appropriation	
				Martinsburg MAP	WV	C-5 Avionics and Shops Space			5,000		Pending Appropriation	
				Yeager Airport	WV	Replace Maintenance Hangar			17,300		Pending Appropriation	
				Cheyenne MAP	WY	Replace Squadron Operations Facility			7,600		Pending Appropriation	

DEPARTMENT OF THE AIR FORCE
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SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2007

Comp	FY	Appn	Project Number	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY07 PB $000	Explanation of Changes	Footprint
ANG	2010	3830	FAKZ959574	Montgomery IAP	AL	Fuel Cell and Corrosion Control	141-786	55296F	7,830	430	Scope Change, Moved from FY09	New
ANG	2011	3830	NKAK049051	Little Rock AFB	AR	Replace Engine Shop	211-157	55296F	3,600	100	Scope Change	Existing
ANG	2010	3830	FBNV069124	Davis Monthan AFB	AZ	Predator Beddown - FOC	171-447	53219F	5,600		New	New
ANG	2011	3830	HFHA069130	Fort Huachuca	AZ	Predator LRE Beddown	211-111	53219F	11,000		New	New
ANG	2010	3830	SCLA069165	South California Logistics Apt	CA	Predator FTU LRE Beddown	211-175	53219F	8,400		New	New
ANG	2010	3830	HAYW069174	Fresno Yosemite Int'l ANG	CA	Construct ECM Pod Shop	217-713	51216F	1,500		New	New
ANG	2010	3830	HAYW069175	Fresno Yosemite Int'l ANG	CA	Munitions Storage Addition	422-264	51216F	1,650		New	New
ANG	2009	3830	CRWU069189	Buckley AFB	CO	Centralized Personnel Servicing Facility	610-128	55296F	7,000		New	New
ANG	2009	3830	JLWS069047	New Castle MAP	DE	Info Ops Exploitation Facility	171-447	53117F	3,200		New	New
ANG	2011	3830	JLWS019053	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	171-447	55296F	10,800		Moved from FY10	New
ANG	2011	3830	LSGA029009	Jacksonville IAP	FL	Communications Training Facility	131-111	55296F	6,000	(6,400)	Scope Change, Moved from FY09	New
ANG	2010	3830	XDQU069146	Savannah IAP	GA	Troop Training Headquarters	725-517	55296F	7,200	(4,000)	Scope Change, Moved from FY11	New
ANG	2010	3830	KNMD069208	Hickam AFB	HI	F-22 LO/Composite Repair Facility	211-159	51721F	24,600		New	New
ANG	2010	3830	FFAN049054	Des Moines IAP	IA	Replace Communications Facility	131-111	55296F	5,850	250	Scope Change, Moved from FY09	New
ANG	2013	3830	VSSB062005	Sioux City	IA	KC-135 Engine Test Apron	112-211	55296F	3,000		New	New
ANG	2013	3830	BXRH019091	Boise MAP	ID	Operations and Training Facility	171-445	55296F	9,600		Scope Change, Moved from FY09	New
ANG	2013	3830	DCFT039115	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	6,100		Moved from FY08	New
ANG	2008	3830	LDXF069062	Hulman RAP	IN	Digital Ground Station (DGS) Beddown	171-447	53117F	7,700		New	Existing
ANG	2009	3830	LDXF069123	Hulman RAP	IN	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	3,930		New	New
ANG	2010	3830	ATQZ049049	Fort Wayne IAP	IN	Aircraft Ready Shelters	141-181	55296F	5,143	243	Scope Change, Moved from FY09	New
ANG	2010	3830	VUBV069101	Smoky Hill Range	KS	ASOS Beddown	171-447	55296F	9,000		New	New
ANG	2008	3830	CYQY069191	Camp Beauregard	LA	Upgrade ASOS Facility	214-428	52671F	1,800		New	New
ANG	2013	3830	KAFF019017	Hammond ANGS	LA	Upgrade Communications Complex	442-758	55296F	5,000		New	Existing
ANG	2008	3830	SPBN069226	Otis ANGB	MA	Digital Ground Station (DGS) IOC Beddown	171-447	53117F	1,800		New	Existing
ANG	2012	3830	PJMS909928	Martin State Airport	MD	Composite Training Facility	171-450	55296F	6,116		New	New
ANG	2012	3830	FKNN009010	Bangor IAP	ME	Replace Aircraft Maintenance Hangar/Shops	211-111	55296F	13,450	(150)	Scope Change, Moved from FY09	New
ANG	2011	3830	TDVG029066	Alpena MAP	MI	Replace Troop Training Quarters	725-517	55296F	8,500			Existing
ANG	2013	3830	VGLZ059233	Selfridge ANGB	MI	Replace Jet Fuel Storage Complex	124-135	55296F	11,000	(7,000)	Scope Change, Moved from FY10	New
ANG	2012	3830	ULYB039126	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	8,600	(1,900)	Scope Change, Moved from FY09	New
ANG	2013	3830	MDVL939655	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55296F	7,324	124	Scope Change, Moved from FY10	Existing
ANG	2011	3830	WEFM069122	Stanly County AP	NC	Construct Air Traffic Control Facility	171-447	55296F	3,750		New	New
ANG	2011	3830	KKGA069004	Hector Field	ND	Relocate Base Main Entrance	730-837	55296F	1,500		New	New
ANG	2011	3830	KKGA029115	Hector Field	ND	Replace Fire Station	130-142	55296F	6,900		New	New

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ANG	2010	3830	NGCB019121	Lincoln MAP	NE	Add/Alter Security and Comm	730-835	55296F	8,400			Existing
ANG	2012	3830	SZCQ989023	Pease Tradeport	NH	Replace Ops and Training	171-445	55296F	9,200	300	Scope Change, Moved from FY09	New
ANG	2011	3830	AQRC069153	Atlantic City IAP	NJ	ASOS Beddown	171-447	52671F	9,835		New	Existing
ANG	2010	3830	UCTL919637	Reno-Tahoe IAP	NV	Fire Station	130-142	55296F	9,700		New	Existing
ANG	2010	3830	HAAW039012	Hancock Field	NY	Upgrade ASOS Facility	171-447	52671F	5,000		Scope Change	Existing
ANG	2011	3830	HAAW069167	Hancock Field	NY	Predator IOC/FOC Beddown	149-511	53219F	5,000		New	Existing
ANG	2013	3830	WKVB029123	Gabreski Airport	NY	Replace Pararescue Training Facility	141-185	55296F	8,400	(5,000)	Scope Change, Moved from FY09	Existing
ANG	2009	3830	PBXP069219	Mansfield MAP	OH	RED HORSE Beddown	171-445	55296F	11,000		New	New
ANG	2011	3830	WYTD029015	Toledo IAP	OH	Security Forces Facility	130-142	55296F	7,900	397	Scope Change	New
ANG	2010	3830	YZEU069106	Will Rogers World Aprt	OK	ASOS Beddown	171-447	52671F	6,800			New
ANG	2012	3830	KJAQ029041	Klamath Falls Airport	OR	Replace Security Forces Facility	730-835	55296F	4,961	1,261	Scope Change, Moved from FY09	
ANG	2008	3830	LKLW069103	Fort Indiantown Gap	PA	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,400		New	New
ANG	2011	3830	TWLR069142	Quonset MAP	RI	Special Operations Facility	171-447	55296F	5,000	1,950	New	New
ANG	2010	3830	PSTE009070	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	11,200		Moved from FY09	Existing
ANG	2008	3830	PYKL059219	Memphis IAP	TN	C-5 Final Infrastructure Support	812-225	54119F	6,676	501	Scope change	Existing
ANG	2008	3830	PYKL069128	Memphis IAP	TN	C-5 Munitions Storage Complex	422-264	54119F	1,500		New	New
ANG	2008	3830	PYKL069133	Memphis IAP	TN	C-5 Ground Runup Enclosure	116-665	54119F	3,200		New	New
ANG	2008	3830	PSXE069161	McGhee Tyson IAP	TN	MILSTAR Beddown- Relocate Base Access Road	851-147	53116F	3,200		New	New
ANG	2011	3830	NTEA969576	Lovell ANGS	TN	Communications Training Facility	171-447	55296F	8,200		New	Existing
ANG	2009	3830	FWJH069154	Ellington Field	TX	Air Support Operations Squadron (ASOS) Beddown	171-447	52671F	6,500		New	New
ANG	2011	3830	FWJH069194	Ellington Field	TX	Upgrade Predator Launch/Recovery Element (LRE)	211-111	53219F	7,000		New	New
ANG	2011	3830	DDPM009116	JRB Fort Worth	TX	Composite Support Complex	730-835	55296F	6,200	(200)	Scope Change, Moved from FY10	Existing
ANG	2013	3830	FWJH059032	Ellington Field	TX	Replace Fire Station	130-142	55296F	7,000	(200)	Scope Change, Moved from FY11	New
ANG	2012	3830	USEB889585	Salt Lake City IAP	UT	Replace Fire Station/Mobility Processing	730-142	55296F	10,200		Moved from FY10	New
ANG	2010	3830	MUHJ059057	Langley AFB	VA	Operations and Training Facility	171-445	55296F	6,500	(1,000)	Scope Change	New
ANG	2009	3830	CURZ069220	Burlington	VT	Security Forces Facility	730-835	55296F	6,600		New	Existing
ANG	2011	3830	PQWY059045	McChord AFB	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	7,400	(1,000)	Scope Change, Moved from FY08	New
ANG	2011	3830	XGFG059041	Truax Field ANGB	WI	Construct Communications Facility	131-111	55296F	5,900			New
ANG	2008	3830	PJVY009074	EWVRA Shepherd Field	WV	C-5 Fuel Cell Maintenance Hangar and Shops	211-179	54119F	26,000			New
ANG	2008	3830	PJVY009077	EWVRA Shepherd Field	WV	C-5 Squadron Operations Facility	141-753	54119F	7,600	(300)	Scope change	New
ANG	2008	3830	PJVY029162	EWVRA Shepherd Field	WV	C-5 Final Infrastructure Upgrade	932-000	54119F	5,176	726	Scope change	Existing
ANG	2010	3830	LYBH009133	Yeager MAP	WV	Replace Communications Facility	131-111	55296F	4,400			Existing
ANG	2013	3830	PJVY069224	EWVRA Shepherd Field	WV	C-5 Parking Apron Addition	113-321	54119F	9,403	5,403	Scope Change, Moved from FY10	New
ANG	2013	3830	DPEZ019000	Cheyenne MAP	WY	Vehicle Mx & Deployment Processing Center	214-425	55296F	6,500		New	Existing

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ANG	2008	3830		Various	--	Planning and Design	--	55296F	7,965	(5,719)		
ANG	2009	3830		Various	--	Planning and Design	--	55296F	5,600	(6,521)		
ANG	2010	3830		Various	--	Planning and Design	--	55296F	4,400	(7,792)		
ANG	2011	3830		Various	--	Planning and Design	--	55296F	4,200	(4,717)		
ANG	2012	3830		Various	--	Planning and Design	--	55296F	4,000			
ANG	2013	3830		Various	--	Planning and Design	--	55296F	3,800			
ANG	2008	3830		Various	--	Unspecified Minor Construction	--	55296F	6,500	1,500		
ANG	2009	3830		Various	--	Unspecified Minor Construction	--	55296F	7,200	1,200		
ANG	2010	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000	(2,000)		
ANG	2011	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000	(2,000)		
ANG	2012	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000			
ANG	2013	3830		Various	--	Unspecified Minor Construction	--	55296F	4,000			