AIR NATIONAL GUARD

Fiscal Year (FY) 2005
BUDGET ESTIMATES

MILITARY CONSTRUCTION

APPROPRIATION 3830

Justification Data Submitted to Congress

February 2004

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2005

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SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM - FY 2005

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	Sub-Total Massachusetts	**4,000**	
Minnesota	**Duluth International Airport**		
	ASA - Arm, Dearm Apron and Taxiway	4,000	II-4
	ASA - Relocate Base Entrance Road	3,500	II-7
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	Sub-Total Minnesota	**10,500**	
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	Sub-Total West Virginia	**36,000**	
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	Sub-Total Wisconsin	**5,900**	
	SUB-TOTAL -- ALL BASES	**108,300**	
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	SUB-TOTAL -- SUPPORT COSTS	**19,068**	
	GRAND TOTAL	**127,368**	

AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM AUDIT TRAIL - FY 2005

STATE	INSTALLATION AND PROJECT	FY 2004/2005 BIENNIAL AMOUNT ($000)	CHANGE ($000)	FY 2005 BUDGET ESTIMATES AMOUNT ($000)
Massachusetts				
	Otis Air National Guard Base			
	Eliminate Airfield Obstructions	0	+ 4,000	4,000
	Sub-Total Massachusetts	**0**	**+ 4,000**	**4,000**
Minnesota				
	Duluth International Airport			
	ASA - Arm, Dearm Apron and Taxiway	0	+ 4,000	4,000
	ASA - Relocate Base Entrance Road	0	+ 3,500	3,500
	ASA - Alert Crew Quarters	0	+ 3,000	3,000
	Sub-Total Minnesota	**0**	**+10,500**	**10,500**
New Jersey				
	Atlantic City International Airport			
	ASA - Replace Alert Complex	0	+ 10,400	10,400
	Sub-Total New Jersey	**0**	**+10,400**	**10,400**
Tennessee				
	Memphis International Airport			
	C-5 Aircraft Parking Apron and Hydrant Refueling System	0	+ 15,500	15,500
	C-5 Corrosion Control Hangar	0	+ 26,000	26,000
	Sub-Total Tennessee	**0**	**+ 41,500**	**41,500**
West Virginia				
	EWVRA-Shepherd Field			
	C-5 Maintenance Hangar and Shops	0	+ 36,000	36,000
	C-5 Relocate control Tower	5,800	- 5,800	0
	C-5 Parking Apron/Hydrant	33,000	- 33,000	0
	C-5 Fuel Cell Hangar	23,000	- 23,000	0
	C-5 Squadron Operations	6,600	- 6,600	0
	Sub-Total West Virginia	**68,400**	**-32,400**	**36,000**
Wisconsin				
	Truax Field			
	ASA - Munitions Maintenance and Storage Complex	0	+ 5,900	5,900
	Sub-Total Wisconsin	**0**	**+ 5,900**	**5,900**
	SUB-TOTAL -- ALL BASES	**68,400**	**+ 39,900**	**108,300**

AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM AUDIT TRAIL - FY 2005

STATE	INSTALLATION AND PROJECT	FY 2004/2005 BIENNIAL AMOUNT ($000)	CHANGE ($000)	FY 2005 BUDGET ESTIMATES AMOUNT ($000)
	C-5 PLANNING AND DESIGN	**12,000**	**- 12,000**	**0**
	PLANNING AND DESIGN	**5,568**	**+ 8,000**	**13,568**
	UNSPECIFIED MINOR CONSTRUCTION	**5,500**	**0**	**5,500**
	SUB-TOTAL -- SUPPORT COSTS	**23,068**	**- 4,000**	**19,068**
	GRAND TOTAL	**91,468**	**+35,900**	**127,368**

NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2005

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
Otis ANGB, MA	Eliminate Airfield Obstructions	4,000	C
Duluth IAP, MN	ASA - Arm, Dearm Apron and Taxiway	4,000	N
	ASA - Relocate Base Entrance Road	3,500	N
	ASA - Alert Crew Quarters	3,000	C
Atlantic City IAP, NJ	ASA - Replace Alert Complex	10,400	N
Memphis IAP, TN	C-5 Aircraft Parking Apron and Hydrant Hydrant Refueling System	15,500	N
	C-5 Corrosion Control Hangar	26,000	N
EWVRA-Shepherd Field, WV	C-5 Maintenance Hangar and Shops	36,000	N
Truax Field, WI	ASA - Munitions Maintenance and Storage Complex	5,900	N
	PLANNING AND DESIGN	**13,568**	
	UNSPECIFIED MINOR CONSTRUCTION	**5,500**	
	TOTAL ENERGY	**0**	
	TOTAL ENVIRONMENTAL	**0**	
	TOTAL NEW MISSION (6)	**101,300**	
	TOTAL CURRENT MISSION (2)	**7,000**	
	GRAND TOTAL - FY 2005 REQUEST	**127,368**	

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2005

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, $127,368 to remain available until September 30, 2009.

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."

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2005

SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OTIS ANG BASE, MASSACHUSETTS	ELIMINATE AIRFIELD OBSTRUCTIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55296F	136-661	SPBN029208	$4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELIMINATE AIRFIELD OBSTRUCTIONS	LM	1,371		2,519
APPROACH LIGHTING SYSTEM - 05 END	LM	457	1,181	(540)
APPROACH LIGHTING SYSTEM - 23 END	LM	914	1,181	(1,079)
AIRCRAFT ARRESTING SYSTEM - 05 & 23 END	EA	2	450,000	(900)
SUPPORTING FACILITIES				1,070
OVERRUN RECONSTRUCTION	LS			(510)
LIGHTING VAULT MODIFICATIONS	LS			(150)
SITE PREPARATION - GRADING	LS			(50)
UPGRADE ACCESS ROAD	LS			(100)
SITEWORK	LS			(60)
UTILITIES	LS			(150)
COMMUNICATIONS SUPPORT	LS			(50)
SUBTOTAL				3,589
CONTINGENCY (5%)				179
TOTAL CONTRACT COST				3,768
SUPERVISION, INSPECTION AND OVERHEAD (6%)				226
TOTAL REQUEST				3,994
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Upgrade existing precision approach lighting system by replacing with a High Intensity Approach Lighting System (ALSF-1) with sequenced flashing lights for Category I meteorological conditions on 23 end of runway 05/23. Includes runway-overrun reconstruction, site preparation, pavements, and utilities. The ALSF-1 consists of a pre-threshold light bar, a terminating bar, a 1,000-foot crossbar, centerline lights, sequenced flashing lights, and threshold lights. The system centerline coincides with the extended runway centerline. The overall system length is 3,000 feet extending from the runway threshold into the approach zone. The ALSF-1 will be designed in accordance with AFM 32-1076 (1 Dec 97), Chapter 3, paragraph 3.1. Upgrade existing approach lighting system by replacing with a Short Approach Lighting System (SALS) on 05 end of Runway 05/23. Includes runway-overrun reconstruction, site preparation, pavements, and utilities. The SALS consists of a pre-threshold light bar, a terminating bar, a 1,000-foot crossbar, centerline lights, and threshold lights. The system centerline coincides with the extended runway centerline. The overall system length is 1,500 feet extending from the runway threshold into the approach zone. The SALS will be designed in accordance with AFM 32-1076 (1 Dec 97), Chapter 3, paragraph 3.3. Upgrade the aircraft arresting systems (BAK-12) by placing in pits and replace deck sheaves with fairlead beams requiring foundations/footings. Replace the existing wire-based control system with a radio-based control system.

11. REQUIREMENT: As Required.
PROJECT: Eliminate Airfield Obstructions (Current Mission).
REQUIREMENT: The base requires obstruction free airfield surfaces. It is Air Force policy that all airfield surfaces be free from obstructions. Airfield obstructions pose a safety-flying hazard and endanger the aircrews and the aircraft. The ALSF-1 is a high intensity precision approach lighting system required by AFI 32-1044. It provides the visual guidance to pilots for aligning aircraft with the runway and final corrections before landing at night and during low visibility weather conditions. The SALS is a high intensity approach lighting system required by AFI 32-1044 and used at locations where

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION OTIS ANG BASE, MASSACHUSETTS		
5. PROJECT TITLE ELIMINATE AIRFIELD OBSTRUCTIONS		7. PROJECT NUMBER SPBN029208

nonprecision approaches to runways are conducted during adverse weather conditions with nonprevailing winds to improve safety and reduce operational minimums for aircraft. The approach should have a paved or stabilized end zone area extending 1,000 feet into the approach area and not less than the runway width. Elevated fixtures should be on frangible, low-impact resistant, or semi-frangible supports depending on the mounting height. The base requires safe and dependable aircraft arresting systems (AAS) to engage fighter aircraft on the runway in emergency situations. All AAS's must meet the "frangibility requirements". The AAS's also require reliable control systems for day-to-day operations.

CURRENT SITUATION: Otis is an ANG operated and maintained base. It is also used as an alert site for the CONUS Air Defense and Operation NOBLE EAGLE. The base has two BAK 12 arresting systems on runway 05/23. These violate airfield clearance criteria and are severe airfield obstructions. Seasonal weather conditions, such as fog and nonprevailing winds, at this location in the Cape Cod area, require approaches and landings on the 23 end of runway approximately 75 percent of the time and on the 05 end of the runway approximately 25 percent of the time by ANG fighter and alert aircraft, transient aircraft and the Coast Guard aircraft supporting search and rescue, law enforcement, and oil spill response operations. The existing precision approach lighting systems on the 23 and 05 ends of runway 05/23 constitute severe airfield obstructions. The fixtures are non frangible, obsolete and non-standard. Spare parts are no longer available. The control system is increasingly unreliable. The systems have frequent breakdowns.

IMPACT IF NOT PROVIDED: Seriously decreased operational safety and readiness because minimal operational requirements are increased. Inability to provide safe and reliable arresting systems for fighter aircraft, seriously endangering crews and jeopardizing aircraft resources. Damage and/or loss of aircraft and personnel.

ADDITIONAL: This project will correct four airfield obstructions that are a portion of items 1, 15, and 16 on the bases current Airfield Obstruction Waiver list dated 29 Mar 2001. A companion SRM project – SPBN022004, Repair Runway at the Aircraft Arresting Systems on 05 and 23 ends – has been programmed and will be executed with this project. This SRM project, estimated at $1.6 million, will replace the deteriorated asphalt pavement with concrete for 200 feet at either side of the arresting systems cable. This is per Air Force Instruction 32-1043. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the cost efficient over the life of the project. 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.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

OTIS ANG BASE, MASSACHUSETTS

5. PROJECT TITLE	7. PROJECT NUMBER
ELIMINATE AIRFIELD OBSTRUCTIONS	SPBN029208

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	APR 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	240
(b) All Other Design Costs	120
(c) Total	360
(d) Contract	360
(e) In-House	
(4) Contract Award (Month/Year)	JUN 2005
(5) Construction Start	AUG 2005
(6) Construction Completion	FEB 2006

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 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DULUTH INTERNATIONAL AIRPORT, MINNESOTA	ASA - ARM , DEARM APRON AND TAXIWAY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52620F	116-661	FMKM009067	$4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ARM, DEARM APRON AND TAXIWAY	SM	11,287		1,697
ARM AND DEARM APRON AREA	SM	7,441	150	(1,116)
ACCESS TAXIWAY AREA	SM	3,846	151	(581)
SUPPORTING FACILITIES				1,885
UTILITY SUPPORT	LS			(150)
RELOCATE DRAINAGE	LS			(750)
SITE IMPROVEMENTS	LS			(410)
TAXIWAY LIGHTING & PAVEMENT MARKING	LS			(350)
UTILITY RELOCATION	LS			(150)
ACCESS ROADS	LS			(75)
SUBTOTAL				3,582
CONTINGENCY (5%)				179
TOTAL CONTRACT COST				3,761
SUPERVISION, INSPECTION AND OVERHEAD (6%)				226
TOTAL REQUEST				3,987
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Concrete aircraft arm/dearm apron with concrete access taxiway, taxiway lighting, signage and marking; site work and stripping of pavement. Scarify and remove topsoil, place and compact select subbase, construct reinforced, interlocking concrete slabs for dearm pad taxiway pavement. Install /relocate site drainage and electrical utilities.

11. REQUIREMENT: 11,287 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: ASA – Arm, Dearm Apron and Taxiway (New Mission).

REQUIREMENT: The base requires a properly sized and aligned apron and taxiway to allow for the arming/dearming of live munitions to support the 148th Fighter Wing's permanent alert flying mission of its assigned 15 PAI F-16 aircraft in support of Operation NOBLE EAGLE. The pavement must be concrete and must have a base designed for temperature Zone C. The taxiway and pad must be equipped with edge lighting and pavement markings compliant with Federal Aviation Administration rules and regulations.

CURRENT SITUATION: The base has a grossly inadequate arm and disarm apron where military aircraft can safely arm and dearm the aircraft. The arming/dearming activities are conducted on the primary airport taxiway that is within the instrument approach clear zone of the primary runway causing risk to commercial aviation and to the wing's personnel. This situation prohibits other inbound civilian and military aircraft from landing during IFR conditions while arm/dearm actions are in progress. The arm/dearm area is across the primary runway from the Air National Guard (ANG) base, requiring maintenance personnel to cross the airport's active runway. Crossings must be carefully controlled and can potentially place inbound or departing passenger aircraft in grave risk. The airport has experienced several instances of runway incursions, causing the tower to restrict the ability to get personnel and vehicles to the arm/dearm area. Because of these issues, the Duluth Airport Authority has restricted the use of the current arm/dearm pad to visual flight rule conditions. Inclement weather conditions frequently prohibit using the existing arm/dearm pad. The base has only one taxiway out of the apron area. Both the alert aircraft and the training aircraft use it. When the taxiway is in use by the alert aircraft, the non-alert or training aircraft cannot use it. Aircraft that are not on alert status are forced to

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION		
DULUTH INTERNATIONAL AIRPORT, MINNESOTA		
5. PROJECT TITLE		7. PROJECT NUMBER
ASA - ARM , DEARM APRON AND TAXIWAY		FMKM009067

drive in front of the munitions loaded aircraft on alert and drive through the security zone. This new taxiway will allow the aircraft that are not on alert to move from the normal aircraft-parking apron to the runway allowing the aircraft on alert status to use the existing high-speed taxiway.

IMPACT IF NOT PROVIDED: Limiting arm/dearm actions to VFR fight rules seriously limits the unit's ability to conduct required training sorties during much of the year. This restriction on training sorties makes our ability to maintain mission ready pilots very difficult. Continued risk of runway incursions by ANG aircraft or vehicles; continued risk to civilian commercial aircraft.

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.

ARM AND DEARM APRON AREA	7,441 SM – 8,899 SY
ACCESS TAXIWAY AREA	3,846 SM – 4,599 SY

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

DULUTH INTERNATIONAL AIRPORT, MINNESOTA

5. PROJECT TITLE	7. PROJECT NUMBER
ASA - ARM , DEARM APRON AND TAXIWAY	FMKM009067

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	SEP 2003
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	SEP 2004
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	240
(b) All Other Design Costs	120
(c) Total	360
(d) Contract	360
(e) In-House	
(4) Contract Award (Month/Year)	MAR 2005
(5) Construction Start	MAY 2005
(6) Construction Completion	OCT 2005

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

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DULUTH INTERNATIONAL AIRPORT, MINNESOTA	ASA - RELOCATE BASE ENTRANCE ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51216F	851-147	FMKM029126	$3,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RELOCATE ENTRY ROAD AND GATE	SM	11,315		1,081
CONSTRUCT GATE HOUSE	SM	28	4,844	(136)
RELOCATE ROAD	SM	11,287	66	(745)
VEHICLE INSPECTION AND ENTRAPMENT AREA	LS			(200)
SUPPORTING FACILITIES	LS			2,085
ACCESS CONTROL TURN LANES AND PAVEMENTS	LS			(180)
AIRPORT ROAD TURNOFF PAVEMENTS	LS			(85)
WETLANDS METIGATION	LS			(100)
COMMUNICATIONS SUPPORT	LS			(95)
BARRIERS AND SECURITY MEASURES	LS			(175)
SITE WORK/GRADING & EARTH MOVING	LS			(750)
INSTALL LIGHTING	LS			(95)
FENCING/GATE	LS			(140)
UTILITIES SUPPORT	LS			(275)
DRAINAGE AND CULVERTS	LS			(190)
SUBTOTAL				3,166
CONTINGENCY (5%)				158
TOTAL CONTRACT COST				3,324
SUPERVISION, INSPECTION AND OVERHEAD (6%)				199
TOTAL REQUEST				3,523
TOTAL REQUEST (ROUNDED)				3,500

10. Description of Proposed Construction: Relocate two lane access road; accomplish earthmoving to adjust land contour, construct sub-base, install drainage structures, construct asphalt sub-grade and wearing courses, includes site improvements (side walk, curb and gutter), drainage, and utility support. Erect base entry control structure on concrete foundation, provide bathroom and utilities, and relocate pavements and fencing. Erect entry gate, exterior utilities, traffic inspection and turnout pavements, and support. Provide security fencing, and security improvements.

11. REQUIREMENT: As Required.

PROJECT: ASA - Relocate Base Entrance Road (New Mission).

REQUIREMENT: The 148th Fighter Wing requires adequate and secure base entrance complex for its flying mission of 15 authorized F-16 fighters to support the Homeland Defense Alert. Facility must control vehicle access and comply with required standoff distances from controlled perimeter to inhabited or public gathering facilities. Provide lighting and an area to search vehicles and permit other traffic to pass, and a vehicle entrapment area to hold queued vehicles not yet cleared. Construct a new gatehouse and base entrance, perimeter and security fencing. Extend base utility mains to the site to support new entrance and roadway.

CURRENT SITUATION: The alert aircraft facility is less than 40 feet from the base entry traffic check house. The alert aircraft site cannot be positioned elsewhere on base due to severe land constraints and to explosive quantity distance requirements for the munitions-uploaded alert aircraft. The alert site proximity to the entrance poses risks to the alert site, itself, and also poses risks from the alert site to the queued traffic entering the base. The only feasible solution is to move the base entrance. Aircraft and aircrews are unacceptably close to queued traffic waiting on security police checks. The traffic is at

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION		
DULUTH INTERNATIONAL AIRPORT, MINNESOTA		
5. PROJECT TITLE		7. PROJECT NUMBER
ASA - RELOCATE BASE ENTRANCE ROAD		FMKM029126

risk from possible mishap with the live munitions on the aircraft. It is not feasible to move the traffic checkpoint further off the base on the same road due to airport expansion requirements.

IMPACT IF NOT PROVIDED: An unsafe situation continues to exist. The base cannot be secured during times of elevated threats. The main entrance road and traffic queue would lie immediately next to the alert facility crew quarters and mission planning facilities. Base security would continue to be jeopardized due to inadequate security fencing. The primary mission would continue to be threatened from vehicle mishaps occurring in the base entrance inspection line. Queued traffic along the road continues to be placed in dangerous proximity to the over flight path of arriving aircraft on the main runway. The fencing continues to be below mission requirements for security. Unit morale and retention could decline as a result of inadequate fencing and employee fears.

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. These facilities are an "inhabited" building and meet the standoff distance requirements. All design and construction will be in concert with the prescribed DOD Anti-Terrorism/Force Protection Construction Standard.

CONSTRUCT GATE HOUSE	28 SM – 300 SF
RELOCATE ROAD	11,287 SM – 121,492 SF

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2004

3. INSTALLATION AND LOCATION

DULUTH INTERNATIONAL AIRPORT, MINNESOTA

5. PROJECT TITLE	7. PROJECT NUMBER
ASA - RELOCATE BASE ENTRANCE ROAD	FMKM029126

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2003
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	SEP 2005
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	NO
(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	210
(b) All Other Design Costs	105
(c) Total	315
(d) Contract	315
(e) In-House	
(4) Contract Award (Month/Year)	MAY 2005
(5) Construction Start	JUN 2005
(6) Construction Completion	NOV 2005

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

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DULUTH INTERNATIONAL AIRPORT, MINNESOTA	ASA - ALERT CREW QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51216F	141-459	FMKM039025	$3,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALERT CREW QUARTERS	SM	632		1,994
AIRCREW/MISSION SUPPORT FACILITY	SM	604	3,143	(1,898)
ENTRY CONTROL FACILITY	SM	28	3,423	(96)
SUPPORTING FACILITIES				715
PAVEMENTS	LS			(75)
SECURITY FENCING/LIGHTING	LS			(490)
COMMUNICATIONS SUPPORT	LS			(40)
UTILITIES AND SITE IMPROVEMENTS	LS			(110)
SUBTOTAL				2,709
CONTINGENCY (5%)				135
TOTAL CONTRACT COST				2,844
SUPERVISION, INSPECTION AND OVERHEAD (6%)				171
TOTAL REQUEST				3,015
TOTAL REQUEST (ROUNDED)				3,000

10. Description of Proposed Construction: Masonry walled aircrew alert quarters/mission support structure building on concrete pad and footers with standing seam metal roof; and entry control facility of same construction. Extend utility infrastructure to the site. Erect security fencing and access gates; erect security lighting with controls; and install communications and electrical conduit.
Air Conditioning: 175 KW.

11. REQUIREMENT: 632 SM ADEQUATE: 0 SM SUBSTANDARD: 325 SM
PROJECT: ASA – Alert Crew Quarters (Current Mission).
REQUIREMENT: The base requires a properly sited, sized, and configured fighter aircraft alert crew quarters and mission support facility. The building must meet explosive Quantity Distance safety criteria. It must have direct access to loaded primary response and back-up F-16 fighters on alert status for Operation NOBLE EAGLE. Alert shelter: The quarters must be located to insure aircraft response within prescribed limits. Mission area space must provide fighter aircraft mission control and planning, aircrew billets for 12 persons, controlled access fenced perimeter with an entry control facility and gates, and utilities infrastructure to meet all facility operational and support requirements.
CURRENT SITUATION: Permanent alert aircraft and ground crew quarters, located between the aircraft shelter bays, are unsuitable for crews due to explosive safety quantitative distances (QD), force protection requirements and deteriorated facility conditions. The facility is not safe and has been evacuated and the crews placed in trailers. The space cannot be enlarged or made safe. Crews are currently housed in temporary, residential trailers, which provide insufficient crew rest and protection from aircraft noise from the adjacent base aircraft apron. These quarters are also within the explosive QD area for the alert aircraft, as well as FAA safety zones for the airport's primary instrument runway. Mission support activities are located too far away from the alert aircraft shelters for required quick response. The current site also does not meet the security criteria for Protection Level 2 in that the facility is not enclosed within a fenced restricted area with an entry control point and intrusion detection systems.
IMPACT IF NOT PROVIDED: The wing cannot meet its' alert mission requirements because of the inability to accommodate the required number of crews and support staff. Aircraft and ground crews continue to get less than optimal crew rest in the existing temporary facilities. Mission planning and

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2004
3. INSTALLATION AND LOCATION DULUTH INTERNATIONAL AIRPORT, MINNESOTA		
5. PROJECT TITLE ASA - ALERT CREW QUARTERS		7. PROJECT NUMBER FMKM039025

support activities continue to be housed at an unacceptable distance from the alert site. Response time may not be met.

ADDITIONAL: 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. 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.

AIRCREW/MISSION SUPPORT FACILITY	604 SM – 6,501 SF
ENTRY CONTROL FACILITY	28 SM – 300 SF

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2004

3. INSTALLATION AND LOCATION

DULUTH INTERNATIONAL AIRPORT, MINNESOTA

5. PROJECT TITLE	7. PROJECT NUMBER
ASA - ALERT CREW QUARTERS	FMKM039025

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2003
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	OCT 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 -	YES
(b) Where Design Was Most Recently Used -	FRESNO, CA
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	180
(b) All Other Design Costs	90
(c) Total	270
(d) Contract	270
(e) In-House	
(4) Contract Award (Month/Year)	APR 2005
(5) Construction Start	JUN 2005
(6) Construction Completion	DEC 2005

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

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY	ASA - REPLACE ALERT COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51216F	141-183	AQRC029053	$10,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE ALERT COMPLEX	SM	2,676		6,679
AIRCRAFT ALERT SHELTERS AREA-4EA	SM	2,044	1,722	(3,520)
ALERT CREW QUARTERS AND OPERATION AREA	SM	604	3,229	(1,950)
ENTRY CONTROL FACILITY	SM	28	3,767	(105)
AIRCRAFT ALERT SHELTER ACCESS PAVEMENTS	SM	9,197	120	(1,104)
SUPPORTING FACILITIES				2,680
EMERGENCY BACKUP POWER - 100KW	LS			(90)
SECURITY FENCING/LIGHTS	LS			(675)
FIRE PROTECTION SUPPORT	LS			(1,375)
COMMUNICATIONS SUPPORT	LS			(50)
UTILITIES AND SITE IMPROVEMENTS	LS			(250)
DEMOLITION/ASBESTOS REMOVAL	SM	1,858	129	(240)
SUBTOTAL				9,359
CONTINGENCY (5%)				468
TOTAL CONTRACT COST				9,827
SUPERVISION, INSPECTION AND OVERHEAD (6%)				590
TOTAL REQUEST				10,417
TOTAL REQUEST (ROUNDED)				10,400

10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, concrete walls with sound proofing, metal standing seam roof and a secure area. Provide all utilities, emergency backup generator, communication support site improvements, and security upgrades. Four individual metal framed aircraft shelters on reinforced concrete foundation, with automatic operating front and rear aircraft doors; install heating, fire detection and high expansion foam/closed head wet-pipe sprinkler system fire suppression systems in four new shelters; metal walled standing seam with metal roof aircrew alert quarters/mission support structure; and entry control facility of same construction. Dimensions are interior design. Extend utility infrastructure to the site. Erect security fencing and access gates; erect security lighting with controls; and install communications and electrical conduit. Provide standby power for the site. Demolition of 2 buildings for a total of 2,159 SM.
Air Conditioning: 175 KW.

11. REQUIREMENT: 2,676 SM ADEQUATE: 0 SM SUBSTANDARD: 1,858 SM
PROJECT: ASA - Replace Alert Complex (New Mission).
REQUIREMENT: Provide a Fighter Aircraft Alert Complex with direct runway access for sheltering six munitions loaded aircraft (four primary response and two back-up) on alert status for Operation NOBLE EAGLE. Alert shelter and crew quarters must be located to ensure aircraft response within prescribed limits. The complex must be sited to comply with explosive quantity distance requirements, airfield restrictive distances and surfaces, and pertinent fire codes, provide pavements with adequate drainage facilities and required pavement markings. Aircraft shelters must have fire suppression. Supporting facilities must provide fighter aircraft mission control and planning, air crew billets for 12 persons, controlled access fenced perimeter with an entry control facility and gates, back-up emergency power for the complex, and utilities infrastructure to meet all facility operational and support requirements.
CURRENT SITUATION: Fighter aircraft loaded with live munitions are on alert and parked on existing apron to meet Operation NOBLE EAGLE mission capabilities. Existing alert shelters are

antiquated, do not have pull through capability and are too small to allow assigned aircraft to operate out of safely. Two may be retained for use of back up alert aircraft but lack fire suppression systems. Fire suppression for these two alert shelters is being provided under a separate project. Temporary shelters have been provided but have major limiting factors to include they empty onto a runway that is too short, they penetrate the runway restriction zone requiring an airfield waiver, and they are located too far from the alert crew readiness facility to allow the aircraft to meet minimum required response times. The alert crew facility is too close to the alert aircraft shelters, does not meet explosive quantitative distance requirements, and does not have a necessary fragmentation barrier to provide standards for aircrew safety. The facility is also too small for the increased number of aircrew and ground crew. The base instituted interim administrative procedures for alert mission response, aircraft maintenance operations, logistical support, fire detection, and civil engineering capabilities as a workaround until a permanent alert complex with site improvements are provided. The proposed facility will be located adjacent to existing taxiway, but requires access pavements.

IMPACT IF NOT PROVIDED: Aircraft continue to operate under non-optimal alert response conditions and may not be able to launch on time. Existing operations are performed without complying with the prescribed explosives quantitative distance requirements, and facilities also require airfield waivers for obstruction free zone penetrations. Aircraft uploaded with munitions will continue to occupy shelters without fire protection systems. Due to proximity of adjoining shelters, base personnel, and multiple aircraft are at risk from explosions and fires.

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. 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. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. The following buildings will be demolished as a result of this project: 252 (372 SM), 254 (372 SM), and 256 (1,415 SM) for a total of 2,159 SM.

AIRCRAFT ALERT SHELTERS AREA	2,044 SM – 22,001 SF
ALERT CREW QUARTERS AND OPERATION AREA	604 SM – 6,501 SF
ENTRY CONTROL FACILITY	28 SM – 291 SF
AIRCRAFT ALERT SHELTER ACCESS PAVEMENTS	9,197 SM – 10,999 SY

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY

5. PROJECT TITLE	7. PROJECT NUMBER
ASA - REPLACE ALERT COMPLEX	AQRC029053

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2003
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	OCT 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 -	YES
(b) Where Design Was Most Recently Used -	VARIOUS
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	624
(b) All Other Design Costs	312
(c) Total	936
(d) Contract	936
(e) In-House	
(4) Contract Award (Month/Year)	JUL 2005
(5) Construction Start	AUG 2005
(6) Construction Completion	JUN 2006

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

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	C-5 AIRCRAFT PARKING APRON AND HYDRANT REFUELING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	113-321	PYKL009022	$15,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO APRON AND HYDRANT REFUEL SYSTEM	SM	88,627		12,650
PARKING APRON ADDITION	SM	75,249	118	(8,879)
CONSTRUCT SHOULDERS	SM	13,378	24	(321)
HYDRANT REFUELING SYSTEM	LS			(3,450)
SUPPORTING FACILITIES				1,275
DRAINAGE IMPROVEMENTS	LS			(275)
UTILITIES IMPROVEMENTS	LS			(400)
SITE IMPROVEMENTS	LS			(350)
RAMP LIGHTING	LS			(250)
SUBTOTAL				13,925
CONTINGENCY (5%)				696
TOTAL CONTRACT COST				14,621
SUPERVISION, INSPECTION AND OVERHEAD (6%)				877
TOTAL REQUEST				15,498
TOTAL REQUEST (ROUNDED)				15,500

10. Description of Proposed Construction: Extend the concrete apron. Provide ramp lights. Install fuel lines to the ramp area and install 6 hydrant-refueling pits. Provide ramp drainage system. Install tie-down and grounding points. All utilities, site improvements and support.

11. REQUIREMENT: 193,286 SM ADEQUATE: 118,037 SM SUBSTANDARD: 0 SM

PROJECT: C-5 Aircraft Parking Apron and Hydrant Refueling System (New Mission).

REQUIREMENT: The project supports the conversion of one squadron of 8 PAI C-141 aircraft to 8 PAI C-5 aircraft. Four of the C-5 aircraft will be arriving on the base in 2004 and an additional four aircraft in 2008. The base requires a properly sized apron for parking and ground maneuver of the C-5 aircraft. The ramp must have the capability to refuel the aircraft with a hydrant refueling system. The ramp must have adequate lights for security measures. The ramp must also have adequate drainage system, grounding points and security measures.

CURRENT SITUATION: The aircraft-parking ramp is sized for the smaller C-141 and cannot accommodate the much larger C-5. Only 4 of the 8 C-5 aircraft can park and maneuver on the existing apron. The ramp must be extended and a small portion, which has failed, must be upgraded. The existing fuel hydrant system is undersized and not configured properly for the much wider C-5. Hydrant pits must be installed on the new ramp and the existing pits must be rearranged on the existing ramp. The larger ramp will require an enlarged storm drainage system and ramp lights. The utilities are in the way of construction must be extended and relocated.

IMPACT IF NOT PROVIDED: Unable to park and maneuver 4 of the 8 C-5 aircraft. The conversion must be cancelled or delayed.

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 are incompatible with use by other components.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2004

3. INSTALLATION AND LOCATION	
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	
5. PROJECT TITLE	7. PROJECT NUMBER
C-5 AIRCRAFT PARKING APRON AND HYDRANT REFUELING SYSTEM	PYKL009022

PARKING APRON ADDITION	75,249 SM – 89,998 SY
CONSTRUCT SHOULDERS	13,378 SM – 16,000 SY

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 AIRCRAFT PARKING APRON AND HYDRANT REFUELING SYSTEM	PYKL009022

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAR 2003
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	DEC 2003
(e) Date Design Complete	NOV 2004
(f) Type of Design Contract	STANDARD
(g) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	YES
(b) Where Design Was Most Recently Used -	VARIOUS ANG LOCATIONS

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

	($000)
(a) Production of Plans and Specifications	930
(b) All Other Design Costs	465
(c) Total	1,395
(d) Contract	1,395
(e) In-House	

(4) Contract Award (Month/Year) MAY 2005

(5) Construction Start AUG 2005

(6) Construction Completion JUL 2006

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

POINT OF CONTACT: MAJ MIKE MCDONALD
(301) 836-8047

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE	C-5 CORROSION CONTROL HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	211-159	PYKL009023	$26,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 CORROSION CONTROL HANGAR AND SHOPS	SM	7,729		19,489
CORROSION CONTROL HANGAR	SM	7,497	2,530	(18,967)
CORROSION CONTROL SHOP	SM	232	1,884	(437)
ANTITERRORISM FORCE PROTECTION	SM	7,730	11	(85)
SUPPORTING FACILITIES	LS			3,500
UTILITIES	LS			(740)
ACCESS RAMP PAVEMENTS/TAXIWAY	LS			(950)
COMMUNICATION SUPPORT	LS			(100)
FIRE SUPPRESSION SYSTEM	LS			(650)
DRAINAGE IMPROVEMENTS	LS			(810)
SITE IMPROVEMENTS	LS			(250)
SUBTOTAL				22,989
CONTINGENCY (5%)				1,149
TOTAL CONTRACT COST				24,138
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,448
TOTAL REQUEST				25,586
TOTAL REQUEST (ROUNDED)				26,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior walls, fire protection and utilities. Pavement extension. Exterior utilities, pavements, site improvements, communications and extensive drainage improvements, fire protection and support. Due to the land features extensive site work, pavement, drainage and miscellaneous utility support is required.
Air Conditioning: 158 KW.

11. REQUIREMENT: 7,822 SM ADEQUATE: 0 SM SUBSTANDARD: 3,428 SM
PROJECT: C-5 Corrosion Control Hangar (New Mission).
REQUIREMENT: Provide an adequately sized and configured aircraft Corrosion Control Hangar and shop in support of the 164th Air Wing (AW) conversion to 8 PAI C-5 aircraft. Functional areas include a fully enclosed aircraft hangar dock, bead blast room, paint booth and administrative areas that are directly related to the Corrosion Control function.
CURRENT SITUATION: The 164th AW currently flies 8 PAI C-141 aircraft. The existing maintenance dock and shop spaces are too small to support corrosion control maintenance activities required for C-5 aircraft. The much larger C-5 cannot fit in the existing hangar, as the facility is too short for the aircraft tail and not wide enough to accommodate the wings. Modifications/additions are not possible since any addition will adversely impact the aircraft parking area by encroaching on wing tip clearances.
IMPACT IF NOT PROVIDED: Unit will have to perform corrosion control maintenance on the ramp. Work is not possible on the ramp 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.
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. This facility is an "inhabited" building and meets the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. All known alternatives were

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION		
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE		7. PROJECT NUMBER
C-5 CORROSION CONTROL HANGAR		PYKL009023

considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Building 530 (3,428 SM) will be reused for aircraft maintenance shops under a separate project. Mission requirements, operational considerations, and location are incompatible with use by other components.

CORROSION CONTROL HANGAR	7,497 SM – 80,697 SF
CORROSION CONTROL SHOP	232 SM – 2,497 SF

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 CORROSION CONTROL HANGAR	PYKL009023

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2003
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	DEC 2003
(e) Date Design Complete	FEB 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 -	YES
(b) Where Design Was Most Recently Used -	STEWART, NY
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	200
(b) All Other Design Costs	100
(c) Total	200
(d) Contract	200
(e) In-House	
(4) Contract Award (Month/Year)	APR 2005
(5) Construction Start	JUN 2005
(6) Construction Completion	JUN 2006

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

POINT OF CONTACT: MAJ MIKE MCDONALD
(301) 836-8047

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

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

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54119F	211-111	PJVY009073	$36,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 MAINTAINCE HANGAR AND SHOPS	SM	16,137		30,328
MAINTENANCE HANGAR AREA	SM	7,497	1,948	(14,604)
GENERAL PURPOSE AND ENGINE SHOPS AREA	SM	4,924	1,819	(8,957)
WEAPON SYSTEM MAINTENANCE MANAGEMENT	SM	929	1,647	(1,530)
AIRCRAFT GENERATION SQUADRON AREA	SM	1,022	1,647	(1,683)
AVIONICS AND NDI SHOPS AREA	SM	1,765	1,916	(3,382)
ANTITERRORISM FORCE PROTECTION	SM	15,673	11	(172)
SUPPORTING FACILITIES	LS			2,080
UTILITIES	LS			(375)
PAVEMENTS AND SITE IMPROVEMENTS	LS			(490)
COMMUNICATION SUPPORT	LS			(95)
FIRE SUPPRESSION SYSTEM	LS			(550)
DEMOLITION	SM	3,542	161	(570)
SUBTOTAL				32,408
CONTINGENCY (5%)				1,620
TOTAL CONTRACT COST				34,028
SUPERVISION, INSPECTION AND OVERHEAD (6%)				2,042
TOTAL REQUEST				36,070
TOTAL REQUEST (ROUNDED)				36,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed masonry walls, and sloped roof. Interior walls, fire protection, mechanical systems, and utilities. Provide exterior utilities, pavements, site improvements, communications extension and support. Demolish one building (3,542 SM).
Air Conditioning: 158 KW.

11. REQUIREMENT: 15,673 SM ADEQUATE: 0 SM SUBSTANDARD: 3,542 SM
PROJECT: C-5 Maintenance Hangar and Shops (New Mission).
REQUIREMENT: Provide an adequately sized and properly configured aircraft maintenance hangar and shops in support of the 167th Air Wing's (AW) conversion from the 12 C-130s to 10 PAI C-5s aircraft that will arrive in 2008. Functional areas include a fully enclosed maintenance hangar, shop space and administrative areas that are directly related to the aircraft maintenance functions.
CURRENT SITUATION: The 167th AW currently fly's 12 PAI C-130 aircraft. The base has only one maintenance hangar. It is significantly too small to be modified for the much larger C-5 aircraft. In addition the hangar is not properly sited in relative to the new parking apron. The 30-year-old hangar has limited shop capability and will be demolished.
IMPACT IF NOT PROVIDED: Unit will have to maintain aircraft on the aircraft-parking ramp even during periods of inclement weather. Such conditions will decrease unit's ability to maintain and generate aircraft.
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. This facility is an "inhabited" building and meets the standoff distance requirements. There is no threat and the level of protection is low so minimum construction standards have been applied. The building 119 (3,542 SM) will be demolished as a result of this project. All known alternatives options were considered during the

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	February 2004
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA		
5. PROJECT TITLE C-5 MAINTENANCE HANGAR AND SHOPS		7. PROJECT NUMBER PJVY009073

development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

MAINTENANCE HANGAR AREA	7,497 SM – 80,700 SF
GENERAL PURPOSE AND ENGINE SHOPS AREA	4,924 SM – 53,000 SF
WEAPON SYSTEM MAINTENANCE MANAGEMENT	929 SM – 10,000 SF
AIRCRAFT GENERATION SQUADRON AREA	1,022 SM – 11,000 SF
AVIONICS AND NDI SHOPS AREA	1,765 SM – 19,000 SF

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION

EWVRA-SHEPHERD FIELD, WEST VIRGINIA

5. PROJECT TITLE	7. PROJECT NUMBER
C-5 MAINTENANCE HANGAR AND SHOPS	PJVY009073

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	DEC 2002
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	DEC 2003
(e) Date Design Complete	JAN 2005
(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	2,160
(b) All Other Design Costs	360
(c) Total	2,520
(d) Contract	2,520
(e) In-House	
(4) Contract Award (Month/Year)	JUN 2005
(5) Construction Start	AUG 2005
(6) Construction Completion	DEC 2006

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

POINT OF CONTACT: MAJ MIKE MCDONALD
(301) 836-8047

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRUAX FIELD, WISCONSIN	ASA - MUNITIONS MAINTENANCE AND STORAGE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51216F	216-642	XGFG029201	$5,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MUNITIONS MAINTENANCE AND STORAGE COMPLEX	SM	1,542		3,648
ADMINISTRATIVE AREA	SM	288	2,153	(620)
MAINTENANCE/EQUIPMENT STORAGE AREA	SM	920	2,314	(2,129)
STORAGE IGLOOS AREA	SM	334	2,691	(899)
SUPPORTING FACILITIES				1,635
SITE PREPARATION	LS			(435)
UTILITIES	LS			(310)
PAVEMENTS	LS			(600)
COMMUNICATIONS SUPPORT	LS			(80)
SECURITY MEASURES - FENCING, GATES, LIGHTS	LS			(210)
SUBTOTAL				5,283
CONTINGENCY (5%)				264
TOTAL CONTRACT COST				5,547
SUPERVISION, INSPECTION AND OVERHEAD (6%)				333
TOTAL REQUEST				5,880
TOTAL REQUEST (ROUNDED)				5,900

10. Description of Proposed Construction: Concrete foundation and floor slab with masonry walls, insulated roof system and necessary electrical, mechanical, and fire protection to provide a complete administrative, maintenance, and equipment storage. Loading dock, earth covered concrete arch igloos and masonry, multi-celled magazine. Intrusion Detection System (IDS) will be provided separately. Exterior utilities, pavements, site preparation, and security measure and support.
Air Conditioning: 88 KW.

11. REQUIREMENT: 1,542 SM ADEQUATE: 0 SM SUBSTANDARD: 1,295 SM
PROJECT: ASA - Munitions Maintenance and Storage Complex (New Mission).
REQUIREMENT: The base requires a properly sited, adequately sized, and correctly configured complex to support the munitions and training requirements for the F-16 aircraft. Functional areas include missile maintenance bays, processing and inspection bay, ammunition loading/unloading system bay, trailer maintenance bay, equipment storage, tool room, locker room, classroom/break room, administrative areas, and secure munitions storage consisting of two igloos and a magazine.
CURRENT SITUATION: The base picked up the Noble Eagle Alert mission after September 11th. It is doing the mission with severe workaround measures. The base has inadequate munitions maintenance and storage capability. The base does not have the capability to store and maintain live munitions. It can barely store and maintain training munitions. A very limited number of live missiles are stored in an exposed apron near the ramp on a temporary basis. The F-16 aircraft has a large munitions requirement as well as maintenance and storage of associated munitions handling equipment. The administrative/personnel functions are operating out of building 1212, which only provides 60 percent of the required space and is located approximately 1/4 mile from the flight line. The maintenance, operations, and storage functions are also located in building 1212, which contains five small bays. The Quantity Distance (QD) limitation on this facility is 400 feet, which restricts the storage of 1.1 and 1.2 type munitions. Neither the facility nor the QD can be increased due to nearby inhabited buildings. Three of the bays are used for storage of bomb dummy units (BDU's), 2.75 rockets, small arms ammunition, and other explosive devices. The other two bays are used for BDU

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION		
TRUAX FIELD, WISCONSIN		
5. PROJECT TITLE		7. PROJECT NUMBER
ASA - MUNITIONS MAINTENANCE AND STORAGE COMPLEX		XGFG029201

processing and inspection and other munitions maintenance functions. The unit currently stores the AIM-9 missiles, 30 MM ammunition, and War Readiness Material (WRM) in courtesy storage at Volk Field CRTC Air National Guard Base, Wisconsin located 70 miles away (one-way). Inventory and inspection on these assets is required twice per month, which requires continuous travel to Volk Field. Most of the munitions handling and support equipment must be stored outside in the harsh Wisconsin winters due to lack of storage space. This new complex is sited on property located adjacent to the existing flight line. This site was the only area available which could satisfy the stringent quantity-distance safety criteria for munitions.

IMPACT IF NOT PROVIDED: Unable to meet the mission requirement. Inefficient operations due to scattered facilities. Administrative, training support, and personnel morale are degraded and negatively impact the unit's ability to meet mission requirements. On the job training and maintenance are difficult under the crowded conditions.

ADDITIONAL: Upon completion of this project, building 1212 (1144 SM) will be converted to AGE maintenance and storage allowing the disposal of the older AGE facility. 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 facility and site requirements have been considered in the development of this project. The administrative area 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. 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. Quantity-distance requirements for explosive safety meant no other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ADMINISTRATIVE AREA	288 SM – 3,100 SF
MAINTENANCE/EQUIPMENT STORAGE AREA	920 SM – 9,903 SF
STORAGE IGLOOS AREA	334 SM – 3,595 SF

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004
3. INSTALLATION AND LOCATION		
TRUAX FIELD, WISCONSIN		
5. PROJECT TITLE		7. PROJECT NUMBER
MUNITIONS MAINTENANCE AND STORAGE COMPLEX		XGFG029201

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2003
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2004	35%
(d) Date 35% Designed	JAN 2004
(e) Date Design Complete	APR 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 -	YES
(b) Where Design Was Most Recently Used -	VARIOUS
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	354
(b) All Other Design Costs	177
(c) Total	531
(d) Contract	531
(e) In-House	
(4) Contract Award (Month/Year)	JUN 2005
(5) Construction Start	AUG 2005
(6) Construction Completion	APR 2006

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

POINT OF CONTACT: MR SCOTT MULHOLLAND, GS-13
(301) 836-8347

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2005

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $13,568,000

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 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

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	AAAA050001	$13,568

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			13,568
SUBTOTAL				13,568
TOTAL CONTRACT COST				13,568
TOTAL REQUEST				13,568

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 including the C-5 beddown at Memphis, TN, and Martinsburg, WV. The FY 2005 design funds are needed to complete the design for those projects that are to be included in the FY 2006 MILCON program and to begin the design for those projects to be included in the FY 2007 program. Funds also provide for design of the FY 2005 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2005 to ensure the design milestones for the FY 2006 and FY 2007 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 2005

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $5,500,000

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 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2004

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	AAAA050002	$5,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			5,500
SUBTOTAL				5,500
TOTAL CONTRACT COST				5,500
TOTAL REQUEST				5,500

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 2004 or FY 2005, 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 2005 MILCON program and the projects cannot wait for the FY 2006 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.

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 2005

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION OTIS ANG BASE, MASSACHUSETTS		4. AREA CONSTR COST INDEX 1.13

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 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
136-661	Eliminate Airfield Obstructions	1,372 LM (4,500 LF)	4,000	Apr 03	Apr 05

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 19 Mar 02 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
141-459	ASA - Alert Crew Quarters	632 SM (6,800 SF)	3,000
149-962	Replace Control Tower	539 SM (5,800 SF)	7,000

R& M Unfunded Requirement: $51,714,000

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

3. INSTALLATION AND LOCATION
OTIS ANG BASE, MASSACHUSETTS

11. PERSONNEL STRENGTH AS OF 01 Aug 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	427	17	234	176	1,221	125	1,096
ACTUAL	466	17	277	172	1,081	117	964

12. RESERVE UNIT DATA

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

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION DULUTH INTERNATIONAL AIRPORT, MINNESOTA		4. AREA CONSTR COST INDEX 1.05

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

Three Army National Guard Armories - 1 mile, 7 miles & 15 miles; one Naval Reserve Facility - 1 mile; and one Army Reserve Facility - 4 miles.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
116-661	ASA - Arm , Dearm Apron and Taxiway	11,287 SM (13,500 SY)	4,000	Sep 03	Sep 04
851-147	ASA - Relocate Base Entrance Road	LS (LS)	3,500	Aug 03	Sep 05
141-459	ASA - Alert Crew Quarters	632 SM (6,800 SF)	3,000	Aug 03	Oct 05

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 09 Oct 03 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
218-868	Replace Regional PMEL Facility	1,161 SM (12,500 SF)	4,000

R&M Unfunded Requirement: $16,341,500

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

3. INSTALLATION AND LOCATION
DULUTH INTERNATIONAL AIRPORT, MINNESOTA

11. PERSONNEL STRENGTH AS OF 25 Aug 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	333	26	279	28	1,006	104	902
ACTUAL	325	27	274	24	1,027	95	932

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
179 Operations Flight	31	30
148 Support Group	9	8
148 Security Forces Squadron	73	68
148 Services Flight	29	29
148 Aircraft Generation Squadron	164	157
148 Civil Engineering Squadron	99	99
179 Fighter Squadron	41	33
148 Mission Support Flight	26	26
148 Maintenance Squadron	208	204
148 Fighter Wing	56	57
148 Medical Squadron	64	50
148 Operations Group	3	4
148 Operations Support Flight	22	21
148 Logistics Group	21	19
148 Logistics Squadron	98	91
148 Det 1	18	11
148 Communication Flight	44	49
148 Logistics Support Flight	0	0
148 Student Flight	0	71
TOTALS	1,006	1,027

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	18
Support Equipment	207	209
Total Vehicles	126	137
Vehicle Equivalents	396	416

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY		4. AREA CONSTR COST INDEX 1.14

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

One Army Reserve Component, one Army National Guard Armory.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-183	ASA - Replace Alert Complex	2,676 SM (28,800 SF)	10,400	Aug 03	Oct 05

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 Re-approved 16 Mar 03 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
171-445	Construct Operations and Training Facility	1,784 SM (19,200 SF)	5,700
141-183	Replace Alert 2 Shelters	1,022 SM (11,000 SF)	2,300

R&M Unfunded Requirement: $18,513,000

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

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

11. PERSONNEL STRENGTH AS OF 29 Dec 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	286	35	251	0	987	101	886
ACTUAL	281	27	254	0	981	100	881

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
177 Aircraft Generation Squadron	160	160
177 Civil Engineering Squadron	99	98
177 Communications Squadron	42	43
177 Fighter Wing	50	51
119 Fighter Squadron	41	42
177 Logistics Squadron	106	105
177 Medical Squadron	61	51
177 Mission Support Flight	27	25
177 Support Group	9	9
177 Logistics Support Flight	31	30
177 Logistics Support Group	21	19
177 Maintenance Squadron	212	207
177 Operations Support Group	3	3
177 Operations Support Flight	22	23
177 Security Forces Squadron	73	82
177 Services Flight	20	23
177 DET1	10	10
TOTALS	987	981

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Actual Vehicles	113	105
F-16 Aircraft	15	17
Support Equipment	371	363
Vehicle Equivalents	308	308

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE		4. AREA CONSTR COST INDEX .92

5. FREQUENCY AND TYPE OF UTILIZATION

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

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 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 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
113-321	C-5 Aircraft Parking Apron and Hydrant Refueling System	88,627 SM (106,000 SY)	15,500	Mar 03	Nov 04
211-159	C-5 Corrosion Control Hangar	7,729 SM (83,200 SF)	26,000	Aug 03	Feb 05

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 01 Jan 03 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
211-111	C-5 Maintenance Hangar and Shops	15,673 SM (168,700 SF)	39,000
131-111	Comunications and Security Training Facility	2,508 SM (27,000 SF)	8,200

R&M Unfunded Requirement: $5,651,000

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

3. INSTALLATION AND LOCATION
MEMPHIS INTERNATIONAL AIRPORT, TENNESSEE

11. PERSONNEL STRENGTH AS OF 01 Aug 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	282	5	72	205	1,104	136	968
ACTUAL	258	5	70	183	977	117	860

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
164 Civil Engineering Squadron	93	78
164 Mission Support Flight	33	31
155 Airlift Squadron	125	99
164 Airlift Wing	55	51
164 Wing Group	10	10
164 Logistics Squadron	110	93
164 Aerial Port Squadron	99	86
164 Medical Squadron	75	60
164 Communication Flight	46	38
164 Maintenance Squadron	230	167
164 Operations Group	6	6
164 Operations Support Flight	20	15
164 Support Group	5	5
164 Security Forces Squadron	73	61
164 Services Flight	20	20
164 Operations Flight	16	16
164 Air Refueling Squadron	80	78
8164 STU FT	8	63
TOTALS	1,104	977

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Actual Vehicles	122	94
C-141 Aircraft	0	0
C-5 Aircraft	8	0
Support Equipment	130	130
Vehicle Equivalents	322	296

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION EWVRA-SHEPHERD FIELD, WEST VIRGINIA		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and 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 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-111	C-5 Maintenance Hangar and Shops	15,673 SM (168,700 SF)	36,000	Dec 02	Jan 05

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 13 May 03 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
211-159	C-5 Corrosion Control Hangar	7,497 SM (80,700 SF)	23,000
141-753	C-5 Squadron Operations Facility	2,787 SM (30,000 SF)	6,600
130-142	C-5 Replace Fire Station	1,951 SM (21,000 SF)	5,300
171-212	C-5 Flight Simulator Facility	1,115 SM (12,000 SF)	4,150
124-135	C-5 Aircraft Apron, Fuel Storage & Hydrant System (Phase II)	LS (LS)	20,000

R&M Unfunded Requirement: $9,915,000

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

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

11. PERSONNEL STRENGTH AS OF 25 Jul 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	32	254	0	1,222	199	1,023
ACTUAL	276	31	244	0	1,177	178	999

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
167 Airlift Evacuation Squadron	135	114
167 Maintenance Squadron	274	262
167 Aerial Port Squadron	99	98
167 Airlift Squadron	166	141
167 Airlift Wing	52	53
167 Civil Engineering Squadron	93	86
167 Communication Flight	44	44
111 Mission Support Flight	38	34
167 Logistics Support Flight	0	0
167 Operations Flight	0	0
167 MAS	0	0
167 Medical Squadron	69	60
167 Logistics Squadron	111	103
167 Operations Group	7	7
167 Operations Support Flight	22	24
167 Support Group	0	0
167 SPS	73	80
167 ST FLT	9	42
167 Services Flight	30	29
TOTALS	1,222	1,177

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130E Aircraft	12	12
C-5 Aircraft	10	0
Non-Powered AGE Equip	71	71
Powered AGE Equip	111	107

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

NONE

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004
3. INSTALLATION AND LOCATION TRUAX FIELD, WISCONSIN		4. AREA CONSTR COST INDEX 1.07

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 Center, two Army Reserve Centers and one Naval Reserve Center.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2005

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
216-642	ASA - Munitions Maintenance and Storage Complex	1,542 SM (16,600 SF)	5,900	Aug 03	Apr 05

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 Oct 03 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
130-142	Add To And Alter Fire Crash/Rescue Station	2,183 SM (23,500 SF)	5,700
	R&M Unfunded Requirement: $16,565,000		

1. COMPONENT ANG	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2004

3. INSTALLATION AND LOCATION
TRUAX FIELD, WISCONSIN

11. PERSONNEL STRENGTH AS OF 01 Aug 03

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	31	256	0	1,039	121	918
ACTUAL	287	31	256	0	1,054	119	935

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
115 Aircraft Generation Squadron	175	173
115 Civil Engineering Squadron	93	97
115 Communication Flight	47	41
115 Fighter Wing	56	53
115 Logistics Group	21	23
115 Logistics Squadron	111	110
115 Logistics Support Flight	33	33
115 Medical Squadron	76	69
115 Maintenance Squadron	197	193
115 Mission Support Flight	30	29
115 Operations Group	8	10
115 Operations Support Flight	22	24
115 Security Forces Squadron	73	78
115 Support Group	5	7
115 Services Flight	42	47
115 Fighter Squadron	21	39
HQ WIANG	29	28
TOTALS	1,039	1,054

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	15	18
Support Equipment	280	257
Vehicle Equivalents	309	303

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2005

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

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
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SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2004

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY04 PB $000	Explanation of Changes	Footprint
ANG	2006	3830	Montgomery IAP	AL	Replace Composite Operations and Training Facility	171-445	55296F	11,252	(148)	Moved from FY 08	New
ANG	2006	3830	Fresno-Yosemite IAP	CA	Alert Crew Quarters Facility	141-459	51216F	3,000	3,000	New	New
ANG	2006	3830	Buckley AFB	CO	Alert Crew Quarters	141-459	51216F	3,000	3,000	New	New
ANG	2006	3830	Greeley Airport	CO	Space Warning System Squadron Support Facility	171-447	55296F	6,300	1,500	Moved from FY 08. Scope Change	Existing
ANG	2006	3830	Otis ANGB	MA	Replace Control Tower	149-962	55296F	7,000	7,000	New	Existing
ANG	2006	3830	Otis ANGB	MA	ASA - Alert Crew Quarters	141-459	51217F	3,000	3,000	New	Existing
ANG	2006	3830	Gulfport-Biloxi MAP	MS	Relocate Munitions Complex and Storage Complex (Phase I)	216-642	55296F	3,000		Moved from FY 09	New
ANG	2006	3830	Montana Range	MT	Construct Air to Ground Range	179-481	55296F	11,000	7,000	Moved from FY 08. Scope Change	New
ANG	2006	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000			Existing
ANG	2006	3830	Stewart IAP	NY	Replace Fire Station	130-142	55296F	8,000	(500)		New
ANG	2006	3830	Springfield MAP	OH	Aircraft Ready Shelters	141-181	55296F	1,500	1,500	New	New
ANG	2006	3830	Coventry ANGB	RI	Special Operations Facility	171-447	53117F	1,500	1,500	New	New
ANG	2006	3830	Joe Foss Field	SD	Replace Squadron Operations Facility	141-753	55296F	7,000		Moved from FY 08	Existing
ANG	2006	3830	Memphis IAP	TN	C-5 Maintenance Hangar and Shops	211-111	54119F	39,000	39,000	New	Existing
ANG	2006	3830	Martinsburg MAP	WV	C-5 Aircraft Apron, Fuel Storage & Hydrant System, Phase II	113-321	54119F	20,000	(13,000)	Project split, Phase I funded in FY 04	New
ANG	2006	3830	Martinsburg MAP	WV	C-5 Corrosion Control Hangar	211-159	54119F	23,000		Moved from FY 07	New
ANG	2006	3830	Martinsburg MAP	WV	C-5 Squadron Operations Facility	141-753	54119F	6,600		Moved from FY 05	Existing
ANG	2006	3830	Cheyenne MAP	WY	Composite Airlift Support Complex	171-447	55296F	7,400			Existing
ANG	2006	3830	Various	--	Planning and Design	--	55296F	14,173			
ANG	2006	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
						FY 2006 Total		188,225			
ANG	2007	3830	Birmingham IAP	AL	Mobility Processing Facility	141-786	55296F	1,500	1,500	New	New
ANG	2007	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	13,800		Moved from FY 08	Existing
ANG	2007	3830	Little Rock AFB	AR	Communication Addition	131-111	55296F	1,200	1,200	New	New
ANG	2007	3830	Tucson IAP	AZ	Replace Civil Engineering Complex	219-944	55296F	4,900	4,900	New	Existing
ANG	2007	3830	Fresno-Yosemite IAP	CA	Medical Training and Security Forces Complex	171-450	55296F	4,700		Moved from FY 08	Existing
ANG	2007	3830	Hickam AFB	HI	Aircraft Rinse Facility	116-672	55296F	2,500		Moved from FY 08	New
ANG	2007	3830	Boise Air Terminal	ID	Add/Alter Base Supply Complex	442-758	54332F	3,500		Moved from FY 08	New
ANG	2007	3830	Fort Dodge	IA	Vehicle Maintenance and Communications Training	214-425	55296F	4,600	4,600	New	Existing
ANG	2007	3830	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	5,000	5,000	New	New
ANG	2007	3830	Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility	730-835	55296F	4,000	(5,400)	Moved from FY 08. Scope Change	New
ANG	2007	3830	Forbes Field	KS	Replace Operations and Training Facility	171-445	55296F	9,100	(4,300)	Scope Change	New
ANG	2007	3830	Duluth IAP	MN	Replace Regional PMEL Facility	218-868	55296F	4,000	4,000	New	New
ANG	2007	3830	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	8,500	8,500	New	New
ANG	2007	3830	Great Falls IAP	MT	Security Forces Complex	730-835	55296F	1,500	(2,500)	Moved from FY 09. Scope Change	New
ANG	2007	3830	Atlantic City IAP	NJ	Replace Alert 2 Shelters	141-183	55296F	2,300	2,300	New	Existing
ANG	2007	3830	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	214-425	55296F	4,100	350	Moved from FY 09	New
ANG	2007	3830	Rickenbacker IAP	OH	Security Forces Complex	730-835	55296F	6,200	6,200	New	New
ANG	2007	3830	Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445	55296F	8,936	(5,264)	Moved from FY 06. Scope Change	Existing
ANG	2007	3830	Memphis IAP	TN	Communications and Security Training Facility	131-111	54119F	8,200	8,200	New	Existing
ANG	2007	3830	Richmond IAP	VA	Replace Operation, Training, and Support Complex	171-445	55296F	15,000	15,000	New	Existing
ANG	2007	3830	Martinsburg MAP	WV	C-5 Flight Simulator Facility	171-212	54119F	4,150		Moved from FY 06	New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Fire Station	130-142	54119F	5,300	5,300	New	New
ANG	2007	3830	Various	--	Planning and Design	--	55296F	17,755			
ANG	2007	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
						FY 2007 Total		146,241			

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Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY04 PB $000	Explanation of Changes	Footprint
ANG	2008	3830	Birmingham IAP	AL	Joint Intelligence Facility	141-745	55296F	8,100	8,100	New	New
ANG	2008	3830	Fort Smith MAP	AR	Upgrade Airfield Lighting System	136-664	55296F	2,500	(4,000)	Moved from FY 07. Scope Change	New
ANG	2008	3830	Fort Smith MAP	AR	Replace Vehicle Maintenance and ASE Complex	214-428	55296F	6,000	6,000	New	Existing
ANG	2008	3830	March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	13,000	3,500	Scope Change	New
ANG	2008	3830	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	14,000	14,000	New	New
ANG	2008	3830	Jacksonville IAP	FL	F-15 Corrosion Control Hangar	211-159	55296F	4,000			New
ANG	2008	3830	Savannah IAP	GA	Replace CRTC Operations and Training Complex - Phase I	171-445	55296F	7,500	(6,300)	Scope Change	Existing
ANG	2008	3830	Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility	171-447	55296F	9,200			Existing
ANG	2008	3830	McConnell AFB	KS	Construct Standby Power Facility	811-147	55296F	1,383	1,383	New	New
ANG	2008	3830	Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities	215-552	55296F	8,000			Existing
ANG	2008	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	9,900	9,900	New	New
ANG	2008	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar (Phase I)	211-111	55296F	13,000	13,000	New	New
ANG	2008	3830	Alpena MAP	MI	Replace Squadron Operations Facility	141-753	55296F	8,500	8,500	New	Existing
ANG	2008	3830	W K Kellogg APT	MI	Add to and Alter Fire Crash/Rescue Station	130-142	55296F	4,500	4,500	New	New
ANG	2008	3830	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55393F	6,800	(1,450)	Scope Change	Existing
ANG	2008	3830	Stanly County APT	NC	Relocate Communications and Electronics Training Complex	171-447	55296F	4,700			Existing
ANG	2008	3830	Charlotte/Douglas IAP	NC	Vehicle Maintenance Complex	214-425	55296F	4,000	4,000	New	New
ANG	2008	3830	Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835	55296F	8,500	8,500	New	New
ANG	2008	3830	McGuire AFB	NJ	Replace Security Forces Facilities	730-835	55296F	3,500	3,500	New	Existing
ANG	2008	3830	Atlantic City IAP	NJ	Construct Operations and Training Facility	171-445	55296F	5,700	5,700	New	New
ANG	2008	3830	Hancock Field	NY	Replace Mobility Processing Center	141-786	55296F	2,300		Moved from FY 09	Existing
ANG	2008	3830	Will Rogers World Airpor	OK	Add to Security Police	730-835	55296F	1,400	1,400	New	New
ANG	2008	3830	Klamath Falls IAP	OR	Replace Security Forces Complex	730-835	55296F	3,200	3,200	New	New
ANG	2008	3830	Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway	113-321	55296F	4,250	4,250	New	New
ANG	2008	3830	Burlington IAP	VT	Composite Deployment Training Facility	141-786	55296F	5,400	5,400	New	New
ANG	2008	3830	Fairchild AFB	WA	Replace Logistics Support Complex	442-758	55296F	9,200			Existing
ANG	2008	3830	Camp Murray	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	6,800	6,800	New	New
ANG	2008	3080	Truax Field	WI	Add/Alter Fire Crash/Rescue Station	130-142	55296F	5,700			New
ANG	2008	3830	Various	--	Planning and Design	--	55296F	15,773			
ANG	2008	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
						FY 2008 Total		202,306			

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY04 PB $000	Explanation of Changes	Footprint
ANG	2009	3830	Eielson AFB	AK	Mobility Storage Warehouse Addition	141-786	51411F	5,800	5,800	New	New
ANG	2009	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800	9,800	New	New
ANG	2009	3830	New Castle MAP	DE	Add to Security Forces Facility	730-835	55296F	1,500	1,500	New	New
ANG	2009	3830	Sioux City IAP	IA	Upgrade Taxiway Pavements	112-211	55296F	2,000		Moved from FY 08	New
ANG	2009	3830	Hulman MAP	IN	Weapons Release and Load Crew Training	215-552	55296F	6,000	(4,400)	Scope Change	Existing
ANG	2009	3830	Louisville IAP	KY	Add and Alter Composite Support Facility	730-835	55296F	3,500	3,500	New	New
ANG	2009	3830	Selfridge ANGB	MI	Visitors Center and ID Complex	171-445	55296F	4,000			New
ANG	2009	3830	Selfridge ANGB	MI	Joint ANG/AFRC Security Forces Facility	730-835	55296F	9,700	9,700	New	New
ANG	2009	3830	Pease International Trade	NH	Upgrade Aircraft Parking Apron (Phase II)	113-321	55296F	4,900	4,900	New	Existing
ANG	2009	3830	Schenectady MAP	NY	Replace Base Supply Complex	442-758	55296F	5,500			Existing
ANG	2009	3830	Toledo Express IAP	OH	Replace Logistics Complex	442-758	55296F	7,544	(644)		Existing
ANG	2009	3830	Mansfield MAP	OH	Replace Fire Station	130-142	55296F	6,200			New
ANG	2009	3830	Camp Perry	OH	Replace Troop Training Quarters	725-517	55296F	4,650			Existing
ANG	2009	3830	Portland IAP	OR	Replace Joint Dining Hall (ANG/AFRC)	722-351	55296F	7,000	(200)		New
ANG	2009	3830	Willow Grove NAS	PA	Composite Support Complex	171-445	55296F	7,100			New
ANG	2009	3830	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	8,700	(1,500)	Scope Change	New
ANG	2009	3830	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	6,300	6,300	New	New
ANG	2009	3830	Fort Worth JRB	TX	Composite Support Facilities	730-835	55296F	7,300			New
ANG	2009	3830	Salt Lake City	UT	Replace Composite Fire Station	730-142	55296F	8,200	8,200	New	New
ANG	2009	3830	General Mitchell	WI	Upgrade Aircraft Maintenance Complex	211-152	55296F	6,500	1,600	Scope Change	New
ANG	2009	3830	Volk Field	WI	Replace Squadron Operations Facility	141-753	55296F	4,500			New
ANG	2009	3830	Yeager Airport	WV	Replace Fire Station	130-142	55296F	6,000	6,000	New	New
ANG	2009	3830	Various	--	Planning and Design	--	55296F	19,020			
ANG	2009	3830	Various	--	Unspecified Minor Construction	--	55296F	5,500			
						FY 2009 Total		157,214			

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OTHER PROJECTS NO LONGER IN THE FYDP:

Installation	Location	Project Title	Budget Amount $000	Explanation of Changes
Various	--	C-5 Planning and Design	12,000	Reduction in TOA
Eielson AFB	AK	Replace Security Forces Operations Facility	5,400	FY 04 AF Program
Birmingham	AL	Joint ANG/ARNG Dining Hall	4,200	ARNG did not put project in FYDP
Hot Springs	AR	223 CCS Site Preparation and Utilities	4,000	Reduction in TOA
Tucson	AZ	Composite Support Complex	5,900	Appropriated in FY 04
New Orleans	LA	Replace Vehicle Maintenance and ASE Complex	6,300	Appropriated in FY 04
Otis ANGB	MA	Replace Fire Station	11,000	Appropriated in FY 04
Otis ANGB	MA	Replace Fighter Aircraft Alert Complex	5,500	Requirement change
Otis ANGB	MA	Eliminate Airfield Obstructions	4,000	In FY 05 PB
Alpena	MI	Replace Dining Facility	8,500	Appropriated in FY 04
Selfridge	MI	Joint ANG/ARFC Medical Training	5,000	Appropriated in FY 04
WK Kellogg	MI	Add /Alter Security Forces	1,500	Reduction in TOA
Duluth	MN	Replace Aircraft Maintenance Complex	12,200	Appropriated in FY 04
Minneapolis	MN	Urban Venture	1,500	Reduction in TOA
Rosecrans	MO	Replace Air Traffic Control Facilities	7,550	Appropriated in FY 04
Great Falls	MT	Force Protection Complex	4,000	Reduction in TOA
Pease	NH	Fire Station	6,100	Appropriated in FY 04
McGuire AFB	NJ	Replace Base Civil Engineer Complex	7,000	Reduction in TOA
Reno-Tahoe	NV	Replace Communications and Security Forces	9,000	Appropriated in FY 04
Hancock	NY	Munitions Complex	6,500	Reduction in TOA
Blue Ash	OH	Replace Communications Training Complex	4,500	Reduction in TOA
Rickenbacker	OH	Security Police/Weather Flight	6,200	Reduction in TOA
Springfield	OH	Relocate Control Tower	8,000	Appropriated in FY 04
Zanesville	OH	Replace Communications Complex	5,200	Reduction in TOA
Will Rogers	OK	Replace Composite Aircraft Maintenance Complex	13,000	Reduction in TOA
Klamath Falls	OR	Munitions Facility	1,750	Reduction in TOA
McGhee Tyson	TN	Fire Station and Security Forces Complex	6,800	Appropriated in FY 04
Memphis	TN	C-5 Conversion	31,293	Project rescoped
Memphis	TN	C-5 Conversion	34,900	Project rescoped
Memphis	TN	C-5 Conversion	11,776	Project rescoped
Nashville	TN	Aircraft Maintenance Complex	11,000	Appropriated in FY 04
Hensley	TX	Upgrade Facilities	3,000	Reduction in TOA
Lackland AFB	TX	Upgrade General Purpose Shops	4,000	Appropriated in FY 04
Camp Pendleton	VA	Replace Troop Training Quarters	2,500	Appropriated in FY 04
Richmond	VA	Replace Vehicle Maintenance Facility	3,500	Reduction in TOA
Burlington	VT	Deployment Training	5,400	Reduction in TOA
Camp Murray	WA	RED HORSE/Medical Training	7,500	Appropriated in FY 04
Martinsburg	WV	C-5 Relocate Control Tower	5,800	Appropriated in FY 04
Martinsburg	WV	C-5 Fuel Cell Hangar	23,000	Appropriated in FY 04
Martinsburg	WV	C-5 Maintenance Hangar/Shops	36,000	In FY 05 PB
Martinsburg	WV	C-5 Upgrade and Extend Runway	15,526	Reduction in TOA
Martinsburg	WV	C-5 Conversion	17,500	Reduction in TOA
Martinsburg	WV	C-5 Conversion	3,284	Reduction in TOA
Cheyenne	WY	Aerial Port/Air Traffic Control Complex	7,400	Reduction in TOA

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STATE/INSTALLATION LISTING

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FUTURE YEARS DEFENSE PROGRAM (FYDP)

DATE: February 2004

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY04 PB $000	Explanation of Changes	Footprint
ANG	2007	3830	Ted Stevens IAP	AK	Replace Pararescue Training Complex	141-185	55296F	13,800		Moved from FY 08	Existing
ANG	2009	3830	Eielson AFB	AK	Mobility Storage Warehouse Addition	141-786	51411F	5,800	5,800	New	New
ANG	2006	3830	Montgomery IAP	AL	Replace Composite Operations and Training Facility	171-445	55296F	11,252	(148)	Moved from FY 08	New
ANG	2007	3830	Birmingham IAP	AL	Mobility Processing Facility	141-786	55296F	1,500	1,500	New	New
ANG	2008	3830	Birmingham IAP	AL	Joint Intelligence Facility	141-745	55296F	8,100	8,100	New	New
ANG	2007	3830	Little Rock AFB	AR	Communication Addition	131-111	55296F	1,200	1,200	New	New
ANG	2008	3830	Fort Smith MAP	AR	Upgrade Airfield Lighting System	136-664	55296F	2,500	(4,000)	Moved from FY 07. Scope Change	New
ANG	2008	3830	Fort Smith MAP	AR	Replace Vehicle Maintenance and ASE Complex	214-428	55296F	6,000	6,000	New	Existing
ANG	2007	3830	Tucson IAP	AZ	Replace Civil Engineering Complex	219-944	55296F	4,900	4,900	New	Existing
ANG	2006	3830	Fresno-Yosemite IAP	CA	Alert Crew Quarters Facility	141-459	51216F	3,000	3,000	New	New
ANG	2007	3830	Fresno-Yosemite IAP	CA	Medical Training and Security Forces Complex	171-450	55296F	4,700		Moved from FY 08	Existing
ANG	2008	3830	March ARB	CA	Replace Aircraft Maintenance Hangar and Shops	211-111	55296F	13,000	3,500	Scope Change	New
ANG	2006	3830	Buckley AFB	CO	Alert Crew Quarters	141-459	51216F	3,000	3,000	New	New
ANG	2006	3830	Greeley Airport	CO	Space Warning System Squadron Support Facility	171-447	55296F	6,300	1,500	Moved from FY 08. Scope Change	Existing
ANG	2008	3830	New Castle MAP	DE	Replace Aircraft Maintenance Hangar	211-111	55296F	14,000	14,000	New	New
ANG	2009	3830	New Castle MAP	DE	Add to Security Forces Facility	730-835	55296F	1,500	1,500	New	New
ANG	2008	3830	Jacksonville IAP	FL	F-15 Corrosion Control Hangar	211-159	55296F	4,000			New
ANG	2008	3830	Savannah IAP	GA	Replace CRTC Operations and Training Complex - Phase I	171-445	55296F	7,500	(6,300)	Scope Change	Existing
ANG	2007	3830	Hickam AFB	HI	Aircraft Rinse Facility	116-672	55296F	2,500		Moved from FY 08	New
ANG	2009	3830	Hickam AFB	HI	Munitions Maintenance and Storage Complex	216-642	55296F	9,800	9,800	New	New
ANG	2007	3830	Fort Dodge	IA	Vehicle Maintenance and Communications Training	214-425	55296F	4,600	4,600	New	Existing
ANG	2009	3830	Sioux City IAP	IA	Upgrade Taxiway Pavements	112-211	55296F	2,000		Moved from FY 08	New
ANG	2007	3830	Boise Air Terminal	ID	Add/Alter Base Supply Complex	442-758	54332F	3,500		Moved from FY 08	New
ANG	2007	3830	Capital MAP	IL	Security Improvements-Relocate Base Entrance	850-000	55296F	5,000	5,000	New	New
ANG	2008	3830	Greater Peoria MAP	IL	Replace Composite ASOS/ASOC Training Facility	171-447	55296F	9,200			Existing
ANG	2007	3830	Fort Wayne IAP	IN	Replace Security Forces Operations and Training Facility	730-835	55296F	4,000	(5,400)	Moved from FY 08. Scope Change	New
ANG	2009	3830	Hulman MAP	IN	Weapons Release and Load Crew Training	215-552	55296F	6,000	(4,400)	Scope Change	Existing
ANG	2007	3830	Forbes Field	KS	Replace Operations and Training Facility	171-445	55296F	9,100	(4,300)	Scope Change	New
ANG	2008	3830	McConnell AFB	KS	Construct Standby Power Facility	811-147	55296F	1,383	1,383	New	New
ANG	2009	3830	Louisville IAP	KY	Add and Alter Composite Support Facility	730-835	55296F	3,500	3,500	New	New
ANG	2006	3830	Otis ANGB	MA	Replace Control Tower	149-962	55296F	7,000	7,000	New	Existing
ANG	2006	3830	Otis ANGB	MA	ASA - Alert Crew Quarters	141-459	51217F	3,000	3,000	New	Existing
ANG	2008	3830	Barnes MAP	MA	Upgrade Aircraft Maintenance Facilities	215-552	55296F	8,000			Existing
ANG	2008	3830	Martin State Airport	MD	Aircraft Corrosion Control Facility	211-179	55296F	9,900	9,900	New	New

Comp	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budget Amount $000	Change from FY04 PB $000	Explanation of Changes	Footprint
ANG	2008	3830	Bangor IAP	ME	Replace Aircraft Maintenance Hangar (Phase I)	211-111	55296F	13,000	13,000	New	New
ANG	2008	3830	Alpena MAP	MI	Replace Squadron Operations Facility	141-753	55296F	8,500	8,500	New	Existing
ANG	2008	3830	W K Kellogg APT	MI	Add to and Alter Fire Crash/Rescue Station	130-142	55296F	4,500	4,500	New	New
ANG	2009	3830	Selfridge ANGB	MI	Visitors Center and ID Complex	171-445	55296F	4,000			New
ANG	2009	3830	Selfridge ANGB	MI	Joint ANG/AFRC Security Forces Facility	730-835	55296F	9,700	9,700	New	New
ANG	2007	3830	Duluth IAP	MN	Replace Regional PMEL Facility	218-868	55296F	4,000	4,000	New	New
ANG	2007	3830	Rosecrans MAP	MO	Replace Fire Station	130-142	55296F	8,500	8,500	New	New
ANG	2006	3830	Gulfport-Biloxi MAP	MS	Relocate Munitions Complex and Storage Complex (Phase I)	216-642	55296F	3,000		Moved from FY 09	New
ANG	2008	3830	Key Field MAP	MS	Upgrade ASOS Communications Training Complex	171-447	55393F	6,800	(1,450)	Scope Change	Existing
ANG	2006	3830	Montana Range	MT	Construct Air to Ground Range	179-481	55296F	11,000	7,000	Moved from FY 08. Scope Change	New
ANG	2007	3830	Great Falls IAP	MT	Security Forces Complex	730-835	55296F	1,500	(2,500)	Moved from FY 09. Scope Change	New
ANG	2008	3830	Charlotte/Douglas IAP	NC	Vehicle Maintenance Complex	214-425	55296F	4,000	4,000	New	New
ANG	2008	3830	Stanly County APT	NC	Relocate Communications and Electronics Training Complex	171-447	55296F	4,700			Existing
ANG	2008	3830	Lincoln MAP	NE	Add/Alter Security Forces and Communications Facility	730-835	55296F	8,500	8,500	New	New
ANG	2009	3830	Pease International Tradep	NH	Upgrade Aircraft Parking Apron (Phase II)	113-321	55296F	4,900	4,900	New	Existing
ANG	2006	3830	McGuire AFB	NJ	Replace Base Civil Engineer Complex	219-944	55296F	7,000			Existing
ANG	2007	3830	Atlantic City IAP	NJ	Replace Alert 2 Shelters	141-183	55296F	2,300	2,300	New	Existing
ANG	2008	3830	Atlantic City IAP	NJ	Construct Operations and Training Facility	171-445	55296F	5,700	5,700	New	New
ANG	2008	3830	McGuire AFB	NJ	Replace Security Forces Facilities	730-835	55296F	3,500	3,500	New	Existing
ANG	2007	3830	Reno-Tahoe IAP	NV	Replace Vehicle Maintenance Facility	214-425	55296F	4,100	350	Moved from FY 09	New
ANG	2006	3830	Stewart IAP	NY	Replace Fire Station	130-142	55296F	8,000	(500)		New
ANG	2008	3830	Hancock Field	NY	Replace Mobility Processing Center	141-786	55296F	2,300		Moved from FY 09	Existing
ANG	2009	3830	Schenectady MAP	NY	Replace Base Supply Complex	442-758	55296F	5,500			Existing
ANG	2006	3830	Springfield MAP	OH	Aircraft Ready Shelters	141-181	55296F	1,500	1,500	New	New
ANG	2007	3830	Rickenbacker IAP	OH	Security Forces Complex	730-835	55296F	6,200	6,200	New	New
ANG	2009	3830	Camp Perry	OH	Replace Troop Training Quarters	725-517	55296F	4,650			Existing
ANG	2009	3830	Mansfield MAP	OH	Replace Fire Station	130-142	55296F	6,200			New
ANG	2009	3830	Toledo Express IAP	OH	Replace Logistics Complex	442-758	55296F	7,544	(644)		Existing
ANG	2008	3830	Will Rogers World Airpo	OK	Add to Security Police	730-835	55296F	1,400	1,400	New	New
ANG	2008	3830	Klamath Falls IAP	OR	Replace Security Forces Complex	730-835	55296F	3,200	3,200	New	New
ANG	2009	3830	Portland IAP	OR	Replace Joint Dining Hall (ANG/AFRC)	722-351	55296F	7,000	(200)		New
ANG	2007	3830	Fort Indiantown Gap	PA	Replace Composite Support Complex	171-445	55296F	8,936	(5,264)	Moved from FY 06. Scope Change	Existing
ANG	2008	3830	Harrisburg IAP	PA	Expand Aircraft Parking Apron/Taxiway	113-321	55296F	4,250	4,250	New	New
ANG	2009	3830	Willow Grove NAS	PA	Composite Support Complex	171-445	55296F	7,100			New
ANG	2006	3830	Coventry ANGB	RI	Special Operations Facility	171-447	53117F	1,500	1,500	New	New

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ANG	2009	3830	McEntire ANGB	SC	Replace Operations and Training Complex	171-445	55296F	8,700	(1,500)	Scope Change	New
ANG	2006	3830	Joe Foss Field	SD	Replace Squadron Operations Facility	141-753	55296F	7,000		Moved from FY 08	Existing
ANG	2006	3830	Memphis IAP	TN	C-5 Maintenance Hangar and Shops	211-111	54119F	39,000	39,000	New	Existing
ANG	2007	3830	Memphis IAP	TN	Communications and Security Training Facility	131-111	54119F	8,200	8,200	New	Existing
ANG	2009	3830	McGhee-Tyson Airport	TN	Squadron Operations Facility	141-753	55296F	6,300	6,300	New	New
ANG	2009	3830	Fort Worth JRB	TX	Composite Support Facilities	730-835	55296F	7,300			New
ANG	2009	3830	Salt Lake City	UT	Replace Composite Fire Station	730-142	55296F	8,200	8,200	New	New
ANG	2007	3830	Richmond IAP	VA	Replace Operation, Training, and Support Complex	171-445	55296F	15,000	15,000	New	Existing
ANG	2008	3830	Burlington IAP	VT	Composite Deployment Training Facility	141-786	55296F	5,400	5,400	New	New
ANG	2008	3830	Camp Murray	WA	262 Information Warfare Aggressor Squadron Facility	171-447	55296F	6,800	6,800	New	New
ANG	2008	3830	Fairchild AFB	WA	Replace Logistics Support Complex	442-758	55296F	9,200			Existing
ANG	2008	3080	Truax Field	WI	Add/Alter Fire Crash/Rescue Station	130-142	55296F	5,700			New
ANG	2009	3830	General Mitchell	WI	Upgrade Aircraft Maintenance Complex	211-152	55296F	6,500	1,600	Scope Change	New
ANG	2009	3830	Volk Field	WI	Replace Squadron Operations Facility	141-753	55296F	4,500			New
ANG	2006	3830	Martinsburg MAP	WV	C-5 Aircraft Apron, Fuel Storage & Hydrant System, Phase II	113-321	54119F	20,000	(13,000)	Project split, Phase I funded in FY 04	New
ANG	2006	3830	Martinsburg MAP	WV	C-5 Corrosion Control Hangar	211-159	54119F	23,000		Moved from FY 07	New
ANG	2006	3830	Martinsburg MAP	WV	C-5 Squadron Operations Facility	141-753	54119F	6,600		Moved from FY 05	Existing
ANG	2007	3830	Martinsburg MAP	WV	C-5 Flight Simulator Facility	171-212	54119F	4,150		Moved from FY 06	New
ANG	2007	3830	Martinsburg MAP	WV	C-5 Replace Fire Station	130-142	54119F	5,300	5,300	New	New
ANG	2009	3830	Yeager Airport	WV	Replace Fire Station	130-142	55296F	6,000	6,000	New	New
ANG	2006	3830	Cheyenne MAP	WY	Composite Airlift Support Complex	171-447	55296F	7,400			Existing