AIR NATIONAL GUARD

Fiscal Year (FY) 2014
BUDGET ESTIMATES

MILITARY CONSTRUCTION

APPROPRIATION 3830

PROGRAM YEAR 2014

Justification Data Submitted to Congress

April 2013

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

TABLE OF CONTENTS

[THIS PAGE INTENTIONALLY LEFT BLANK]

SUMMARY PROJECT LIST
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2014

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT ($000)	APPN AMOUNT ($000)	PAGE NO.
ALABAMA	**Birmingham International Airport**			
	Add to and Alter Distributed Ground Station Facility	8,500	8,500	**II-1**
		8,500	**8,500**	
INDIANA	**Hulman Regional Airport**			
	Add to and Alter Building 37 For Distributed Common Ground Station (DCGS)	7,300	7,300	**II-4**
		7,300	**7,300**	
MARYLAND	**Fort George Meade**			
	175th Network Warfare Squadron Facility	4,000	4,000	**II-7**
	Martin State Airport			
	CYBER/ISR Facility	12,900	8,000	**II-10**
		16,900	**12,000**	
MONTANA	**Great Falls International Airport**			
	Intra-Theater Airlift Conversion	22,000	22,000	**II-13**
		22,000	**22,000**	
NEW YORK	**Fort Drum Military Reservation**			
	MQ-9 Flight Training Unit Hangar	4,700	4,700	**II-16**
		4,700	**4,700**	
OHIO	**Springfield-Beckley Municipal Airport**			
	Alter Intelligence Operations Facility	7,200	7,200	**II-19**
		7,200	**7,200**	
PENSYLVANIA	**Fort Indiantown Gap ANG Station**			
	Communications Operations and Training Facility	7,700	7,700	**II-22**
		7,700	**7,700**	
RHODE ISLAND	**Quonset State Airport**			
	C-130J Flight Simulator Training Facility	6,000	6,000	**II-25**
		6,000	**6,000**	
TENNESSEE	**McGhee Tyson Airport**			
	TEC Expansion - Dormitory and Classroom Training Facility	18,000	18,000	**II-28**
		18,000	**18,000**	
	SUB-TOTAL -- MAJOR CONSTRUCTION	**98,300**	**93,400**	
	PLANNING AND DESIGN		**13,400**	**II-32**
	UNSPECIFIED MINOR CONSTRUCTION		**13,000**	**II-34**
	SUB - TOTAL -- SUPPORT COSTS		**26,400**	
	GRAND TOTAL - FY 2014 REQUEST	**98,300**	**119,800**	

[THIS PAGE INTENTIONALLY LEFT BLANK]

NEW MISSION/CURRENT MISSION EXHIBIT
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM -- FY 2014

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
Birmingham International Airport, AL	Add to and Alter Distributed Ground Station Facility	8,500	N
Hulman Regional Airport, IN	Add to and Alter Building 37 For Distributed Common Ground Station (DCGS)	7,300	N
Fort George Meade, MD	175th Network Warfare Squadron Facility	4,000	N
Martin State Airport, MD	CYBER/ISR Facility	8,000	N
Great Falls International Airport, MT	Intra-Theater Airlift Conversion	22,000	N
Fort Drum Military Reservation, NY	MQ-9 Flight Training Unit Hangar	4,700	N
Springfield-Beckley Municipal Airport, OH	Alter Intelligence Operations Facility	7,200	N
Fort Indiantown Gap ANG Station, PA	Communications Operations and Training Facility	7,700	C
Quonset State Airport, RI	C-130J Flight Simulator Training Facility	6,000	N
McGhee Tyson Airport, TN	TEC Expansion - Dormitory and Classroom Training Facility	18,000	C
	PLANNING AND DESIGN	**13,400**	
	UNSPECIFIED MINOR CONSTRUCTION	**13,000**	
	TOTAL ENERGY	**0**	
	TOTAL ENVIRONMENTAL	**0**	
	TOTAL NEW MISSION (8)	**67,700**	
	TOTAL CURRENT MISSION (2)	**25,700**	
	GRAND TOTAL - FY 2014 REQUEST	**119,800**	

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

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 therefor, as currently authorized by law, $119,800 to remain available until September 30, 2018.

AUTHORIZATION SOUGHT FOR PROJECTS WHICH FUNDS WERE APPROPRIATED IN FY 2012

The FY 2013 President's Budget request changed aircraft mission sets at several Air National Guard locations. One previously authorized and appropriated FY 2012 project is no-longer required due to the force structure changes. In the FY 2014 President's Budget the Air National Guard is proposing to use $4,900,000 previously appropriated in FY 2012 for the C-27 Squadron Operations Facility at Martin State Airport, Maryland for use in the beddown of a Cyber warfare operations facility at Martin State Airport, Maryland. The total programmed cost for the Cyber warfare project is $12,900,000 and will require $8,000,000 to be appropriated in FY 2014. The project justification DD Form 1391 is provided in the project justification documents on page II-10.

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 Forms 1391.

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.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in the Unified Facilities Criteria (UFC).

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

SECTION II

PROJECT JUSTIFICATION DATA

[THIS PAGE INTENTIONALLY LEFT BLANK]

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BIRMINGHAM INTERNATIONAL AIRPORT, ALABAMA	ADD TO AND ALTER DISTRIBUTED GROUND STATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55208F	171-447	BRKR999147	$8,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADAL DISTRIBUTED COMMON GROUND STATION	SM	2,127		5,413
UPGRADE EXISTING AREA	SM	1,198	1,772	(2,063)
ADD TO FACILITY	SM	929	3,606	(3,350)
SUPPORTING FACILITIES				2,094
UTILITIES	LS			(255)
COMMUNICATIONS SUPPORT	LS			(200)
SITE IMPROVEMENTS	LS			(300)
PAVEMENTS	LS			(450)
DEMOLITION	SF	7,619	15	(114)
FIRE PROTECTION SUPPORT	LS			(400)
STANDBY POWER	LS			(125)
TEMPORARY FACILITIES	LS			(250)
SUSTAINABILITY AND ENERGY MEASURES	LS			160
SUBTOTAL				7,667
CONTINGENCY (5%)				383
TOTAL CONTRACT COST				8,050
SUPERVISION, INSPECTION AND OVERHEAD (6%)				483
TOTAL REQUEST				8,533
TOTAL REQUEST (ROUNDED)				8,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(300)

10. Description of Proposed Construction: Construct a Distributed Common Ground Station (DCGS) addition to an existing facility utilizing conventional design and construction methods to accommodate the mission of the facility. Modify existing facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF).
Air Conditioning: 200 Tons.

11. REQUIREMENT: 2,127 SM ADEQUATE: 0 SF SUBSTANDARD: 1,198 SM
PROJECT: Add to and Alter Distributed Common Ground Station Facility (DCGS) (New Mission).
REQUIREMENT: This project supports the conversion and expansion of the 117th Intelligence Squadron into a DCGS Facility responsible for providing real-world, real-time intelligence products, mission support, analysis and feedback for multiple users. A SCIF sufficiently large to accommodate up to 100 intelligence data terminals and work stations as required for the daily production of highly classified intelligence information as well as sufficient training work space. Anti-terrorism/force protection and security measures to include expanding the facility fencing and alarm systems.
CURRENT SITUATION: The current intelligence facility is too small to accommodate this new and expanded mission. The shear mass of intelligence production and associate training for DIA, CIA, NATO, DEA, US Customs Service, the Air Force and Naval Reserves, the Army and Air National Guards, and local law enforcement increases steadily. The existing facility does not have the capacity and cannot be sufficiently expanded to accommodate the entire mission so a new and separate building

is required to accommodate and adequately house the entire function. No other base function has secure briefing area capabilities.

IMPACT IF NOT PROVIDED: The expansion and new mission undertaken by the existing 117 Intelligence Squadron will not take place. There are no other facilities on the installation that can be used effectively and efficiently to accommodate this function. The 117 Intelligence Squadron will not be able to meet the new and expanding requirements of the intelligence community. Real world capability is lost, which adversely affects DoD fielded forces, and other associated agencies.

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. Unit costs for DCGS component based on current construction costs for the same facility type currently under construction by USAF and ANG at locations across as OSD unit costs for this facility type are not indicative of present experience. Remaining methodology is consistent with OSD guidance and policy. Mission requirements, operational considerations and location are incompatible with use by other components. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. The following buildings will be demolished as a result of this project: 204 (at 285 SM) and 205 (at 422 SM) for a total of 707 SM. Buildings 204 and 205 are in the way of construction. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders..

UPGRADE EXISTING AREA	12,900 SF = 1,198 SM
ADD TO FACILITY	10,000 SF = 929 SM
DEMOLITION	7,619 SF = 708 SM

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
BIRMINGHAM INTERNATIONAL AIRPORT, ALABAMA

5. PROJECT TITLE	7. PROJECT NUMBER
ADD TO AND ALTER DISTRIBUTED GROUND STATION FACILITY	BRKR999147

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	Aug 2012
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2013	35%
* (d) Date 35% Designed	Feb 2013
(e) Date Design Complete	Jan 2014
(f) Type of Design Contract	
(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	515
(b) All Other Design Costs	250
(c) Total	765
(d) Contract	765
(e) In-House	
(4) Contract Award (Month/Year)	Mar 2014
(5) Construction Start	Apr 2014
(6) Construction Completion	Apr 2015

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

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

POINT OF CONTACT: John R. Gildersleeve
(240) 612-8233

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HULMAN REGIONAL AIRPORT, INDIANA	ADD TO AND ALTER BLDG 37 FOR DISTRIB COMMON GRND STN (DCGS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
55280F	141-454	LDXF099060	$7,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD/ALTER BUILDING 37 FOR DCGS	SM	1,487		5,351
ALTER BUILDING 37 FOR DCGS	SM	1,022	3,767	(3,850)
ADD TO BUILDING 37 FOR DCGS	SM	465	3,229	(1,501)
SUPPORTING FACILITIES	LS			1,165
UTILITIES	LS			(200)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(50)
COMMUNICATION SUPPORT	LS			(200)
STANDBY POWER GENERATORS	LS			(350)
PASSIVE FORCE PROTECTION	LS			(75)
SUSTAINABILITY AND ENERGY MEASURES	LS			(140)
SUBTOTAL				6,516
CONTINGENCY (5%)				326
TOTAL CONTRACT COST				6,842
SUPERVISION, INSPECTION AND OVERHEAD (6%)				410
TOTAL REQUEST				7,252
TOTAL REQUEST (ROUNDED)				7,300

10. Description of Proposed Construction: Alter the interior of Building 37 and construct a Distributed Common Ground Station (DGS) addition to building 37 utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF); Relocate roads and parking lots to meet Antiterrorism/Force Protection standards and distance criteria; Standby power generator and uninterrupted power supply. Provide new architecturally compatible roof system and exterior finishes. Air Conditioning: 300 Tons.

11. REQUIREMENT: 4,580 SM ADEQUATE: 3,094 SM SUBSTANDARD: 1,022 SM
PROJECT: Add/Alter Distributed Common Ground Station (DCGS) (New Mission).
REQUIREMENT: The Wing requires an adequately sized properly configured facility to accomplish its critical Total Force Integration (TFI) mission. The Distributed Common Ground Station (DCGS) receives classified data in real time, processes the data, and transmits the results to customers for mission employment activities. Both operational missions and training activities will be conducted in this facility. Functional requirements include operational space for data receipt, processing, and retransmission, analysis areas, equipment operations, maintenance, and storage areas, maintenance work stations, and administrative support and command areas. The alternation of Buildings 37 along with the facility addition to Building 37 are required to support the DCGS mission with a manpower requirement of 408 people.
CURRENT SITUATION: The Wing's mission is currently housed in three separate facilities (Buildings 1, 38 and 40), which are approximately two-thirds of the required space to properly execute the Wing's critical TFI mission. Existing space is not adequate to perform the assigned four medium and one high mission orbits, accommodate the 408 authorized personnel and equipment, or provide

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	March 2013
3. INSTALLATION AND LOCATION HULMAN REGIONAL AIRPORT, INDIANA		
5. PROJECT TITLE ADD TO AND ALTER BLDG 37 FOR DISTRIB COMMON GRND STN (DCGS)		7. PROJECT NUMBER LDXF099060

adequate admin and training space. The mission has increased by 84 personnel and 2/3 of a high orbit which has overloaded the existing facilities' capacity. These additional personnel and equipment authorizations have increased the space requirements, exacerbating the already inadequate space. The three separate facilities also reduce productivity and effectiveness as personnel must transit between secure facilities while performing their duties. The Wing cannot meet full operational capability in the space available. In addition the DCGS leadership is housed in Building 1, the old aircraft maintenance hangar and is geographically separated from the rest of the 181 Intelligence Group (181 IG).
IMPACT IF NOT PROVIDED: The current workspace shortage and inefficiency will be exacerbated by the increased number of personnel and amount of equipment necessary to support the additional number of mission orbits. The Wing is not able to reach full operational capability of its critical TFI directed mission. The Wing is not able to accomplish the number of required missions to support the frontline war fighter personnel. Training effectiveness continue to suffer due to lack of adequate space.
ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". AT/FP requirements have been considered in the development of this project. This facility is a "Primary Gathering" building and requires appropriate standoff distances. An economic analysis is being prepared for this project. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. This project will enable the 181 IW to vacate Building 1, the old aircraft maintenance hangar and allow the building and some of the surrounding land to be turned back to the State of Indiana.

CatCode		Requirement	Adequate	Substandard
141-454	SPECIAL OPERATIONS	4,580 SM	3,094 SM	1,022 SF

ADD TO DCGS AREA 15,000 SF = 1,487 SM

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

HULMAN REGIONAL AIRPORT, INDIANA

5. PROJECT TITLE	7. PROJECT NUMBER
ADD TO AND ALTER BLDG 37 FOR DISTRIB COMMON GRND STN (DCGS)	LDXF099060

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	Aug 2012
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2013	35%
* (d) Date 35% Designed	Feb 2013
(e) Date Design Complete	Jan 2014
(f) Type of Design Contract	
(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	576
(b) All Other Design Costs	360
(c) Total	936
(d) Contract	936
(e) In-House	
(4) Contract Award (Month/Year)	Mar 2014
(5) Construction Start	Apr 2014
(6) Construction Completion	Apr 2015

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

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

POINT OF CONTACT: STEVEN T. FORD
(240) 612-8842

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT GEORGE MEADE, MARYLAND	175TH NETWORK WARFARE SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53056F	141-454	MMMD129073	$4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
NETWORK WARFARE SQUADRON FACILITY	SM	836		2,835
NETWORK WARFARE SQUADRON AREA	SM	836	3,391	(2,835)
SUPPORTING FACILITIES				680
UTILITIES	LS			(175)
PAVEMENT	LS			(185)
SITE IMPROVEMENTS	LS			(95)
COMMUNICATIONS SUPPORT	LS			(150)
DRAINAGE IMPROVEMENTS	LS			(75)
SUSTAINABILITY AND ENERGY MEASURES	LS			70
SUBTOTAL				3,585
CONTINGENCY (5%)				179
TOTAL CONTRACT COST				3,764
SUPERVISION, INSPECTION AND OVERHEAD (6%)				225
TOTAL REQUEST				3,989
TOTAL REQUEST (ROUNDED)				4,000

10. Description of Proposed Construction: Construct a Network Warfare Squadron (NWS) facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF). Air Conditioning: 140 KW.

11. REQUIREMENT: 836 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: 175th Network Warfare Squadron (NWS) Facility (New Mission)

REQUIREMENT: The installation requires adequately sized and properly configured space for the operations and training of an Air National Guard Network Warfare Squadron. The squadron maintains the Force Application Mission. This project supports a 64 person squadron.

CURRENT SITUATION: Approximately 10 years ago the ANG activated the 175th NWS at Fort Meade. The unit started with a handful of people and there was room within existing facilities for the small number of personnel. Over the years the squadron has grown from a few to the present authorization of 64 personnel. At the same time the DoD Cyber/Intelligence, Surveliance and Reconnanince (ISR) mission at Fort Meade has experienced astronomical growth. There is no room for the personnel of the 175th NWS. The lack of suitable space for the unit to organize, train and equip has been investigated and validated. Not having any room at Fort Meade, the squadron is training in a conference room at the ANG base on Martin State Airport. The conference room is approximately 450 SF total for 64 members and lacks any classified work space. A classified area cannot be constructed since the same conference room is also used by 235th ANG Civil Engineering Squadron. The NWS squadron has received approximately $1 Mil in equipment that needs to be placed in operation in a suitable classified area but it has been placed in a storage area. The unit is officially based at Fort Meade. A small number of the NWS personnel travel from Martin State Airport to Fort Meade as required to train and do actual operations incidental to training. This is done on a space

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013
3. INSTALLATION AND LOCATION		
FORT GEORGE MEADE, MARYLAND		
5. PROJECT TITLE		7. PROJECT NUMBER
175TH NETWORK WARFARE SQUADRON FACILITY		MMMD129073

available basis at Fort Meade. A properly designed and configured space at Fort Meade will allow the 175th to perform its training and operational mission.

IMPACT IF NOT PROVIDED: The lack of classified space does not allow the mission critical equipment to be installed and the 175th NWS is unable to perform its primary mission or to properly assemble the newly acquired training equipment. The equipment remains in storage.

ADDITIONAL: An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. 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 of Fort Mead. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders.

CatCode		Requirement	Adequate	Substandard
141-454	SPECIAL OPERATIONS	836 SM	0 SM	0 SM

175 TH NWS AREA 836 SM = 9,000 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
FORT GEORGE MEADE, MARYLAND

5. PROJECT TITLE	7. PROJECT NUMBER
175TH NETWORK WARFARE SQUADRON FACILITY	MMMD129073

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2012
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2013	35%
* (d) Date 35% Designed	JAN 2013
(e) Date Design Complete	SEP 2013
(f) Type of Design Contract	
(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)	DEC 2013
(5) Construction Start	FEB 2014
(6) Construction Completion	MAR 2015

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

b. Equipment associated with this project will be provided from other appropriations: YES

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FY APPROPRIATED OR REQUESTED	COST ($000)
Furniture and communications equipment	3840	22015	1,500

POINT OF CONTACT: Ralph Conte
(240) 612-8137

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARTIN STATE AIRPORT, MARYLAND	CYBER/ISR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000) Auth: $12,900/Appn: $8,000
53056F	141-454	PJMS129058	

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CYBER /ISR/NWS FACILITY	SM	2,555		9,213
CYBER /ISR /NWS AREA	SM	2,555	3,606	(9,213)
SUPPORTING FACILITIES	LS			2,379
UTILITIES	LS			(699)
PAVEMENT	LS			(403)
SITE IMPROVEMENTS	LS			(285)
COMMUNICATIONS SUPPORT	LS			(242)
DRAINAGE IMPROVEMENTS	LS			(500)
SUSTAINABILITY AND ENERGY MEASURES	LS			(250)
SUBTOTAL				11,592
CONTINGENCY (5%)				580
TOTAL CONTRACT COST				12,172
SUPERVISION, INSPECTION AND OVERHEAD (6%)				730
TOTAL REQUEST				12,902
TOTAL REQUEST (ROUNDED)				12,900
AVAILABLE FROM PREVIOUS APPROPRIATION (FY12)				4,900

10. Description of Proposed Construction: Construct a facility to support a CYBER and Network Warfare mission utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF). Majority of the facility to have raised flooring; The siting of the facility will meet the State of Maryland discharge water quality for the Chesapeake Bay area.
Air Conditioning: 525 KW.

11. REQUIREMENT: 2,555 SM ADEQUATE: 0 SM SUBSTANDARD: 98 SM
PROJECT: Construct a Composite Cyber/Intelligence, Surveliance and Reconnanince (ISR) and a Network Warfare Squadron (NWS) Facility (New Mission)
REQUIREMENT: The installation requires adequately sized and configured space in support of a Network Warfare Group composed of 3 NWS Squadrons; plus one ISR squadron and one Ops Support Squadron(OSS) for a total of 269 person unit. The mission of the ISR squadron will be intel support to Cyber; the mission of the NWS is Network Warfare activities. The Cyber mission includes a set of capabilities and expertise to enable the cyber operational need for an always-on, net-speed awareness and integrated operational response with global reach. It enables operators to drive upstream in pursuit of cyber adversary activities, and is informed 24/7 by intelligence and all-source information.
CURRENT SITUATION: BRAC 2005 removed 8 C-130 aircraft from the base and left 18 A-10s. A Total Force Integration (TFI) initiative backfilled the 8 C-130s with 4 PAA C-27s. The FY 13 President's Budget request to Congress has recommended the removal of the 4 C-27 aircraft. The manpower savings from the C-27 reduction are to be rerolled into a CYBER/ISR mission planned for Martin State Airport. Facilities and SCIF space are not available for these high tech missions. While

the base has some ex C-27 facilities, these are of the industrial type (hangar/shops) and are near the flight line. These facilities would be better reused to meet shortfalls for the A-10 mission. No other administrative type space is available for conversion to a Cyber/ISR complex. A new properly engineered complex is required.

IMPACT IF NOT PROVIDED: Unable to bed down the mission and reach IOC and FOC. Over 260 personnel cannot train and accomplish the mission.

ADDITIONAL: An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements"and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components.Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. FY12 MILCON project to construct a TFI - C-27- Squadron Ops Facility at Martin State was appropriated ($4,900K). C-27 was removed with the 13 PB. A request to reprogram the FY12 appropriation to partially fund this project which is supporting a replacement mission will be made.

CYBER /ISR /NWS AREA 2,555 SM = 27,500 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, MARYLAND		
5. PROJECT TITLE CYBER/ISR FACILITY		7. PROJECT NUMBER PJMS129058

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2012
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2013	35%
* (d) Date 35% Designed	DEC 2012
(e) Date Design Complete	AUG 2013
(f) Type of Design Contract	
(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	588
(b) All Other Design Costs	294
(c) Total	882
(d) Contract	882
(e) In-House	
(4) Contract Award (Month/Year)	NOV 2013
(5) Construction Start	JAN 2014
(6) Construction Completion	MAR 2015

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

b. Equipment associated with this project will be provided from other appropriations: YES

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FY APPROPRIATED OR REQUESTED	COST ($000)
Furniture and comm equipment	3840	2016	5,500

POINT OF CONTACT: Ralph Conte
(240) 612-8137

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GREAT FALLS INTERNATIONAL AIRPORT, MONTANA	INTRA-THEATER AIRLIFT CONVERSION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	211-179	JKSE129321	$22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
INTRA-THEATER AIRLIFT CONVERSION	SM	10,470		18,490
AIRCRAFT MX HANGAR ADDITION	SM	743	2,637	(1,959)
FUEL CELL/CORROSION CONTROL HANGAR	SM	3,131	3,552	(11,121)
ADD/ALTER AIRCRAFT MAINTENANCE SHOPS	SM	4,106	861	(3,535)
SMALL AIR TERMINAL & DEPLOYMENT PROCESSING	SM	1,022	753	(770)
ALTER ENGINE SHOP AREA	SM	1,468	753	(1,105)
SUPPORTING FACILITIES				1,145
DEMOLITION	SF	1,486	15	(240)
UTILITIES	LS			(400)
PAVEMENTS	LS			(300)
COMMUNICATION SUPPORT	LS			(90)
FIRE PROTECTION SUPPORT	LS			(75)
PASSIVE FORCE PROTECTION	LS			(40)
SUSTAINABILITY AND ENERGY MEASURES	LS			380
SUBTOTAL				20,015
CONTINGENCY (5%)				1,001
TOTAL CONTRACT COST				21,016
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,261
TOTAL REQUEST				22,277
TOTAL REQUEST (ROUNDED)				22,000

10. Description of Proposed Construction: Construct an aircraft maintenance hangar addition, a fuel cell/corrosion control hangar, add/alter aircraft maintenance shops, and convert an existing undersized hangar bay into a small air terminal facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Restripe and rearrange grounding points for ramp layout.
Air Conditioning: 112 Tons.

11. REQUIREMENT: 13,187 SM ADEQUATE: 2,717 SM SUBSTANDARD: 6,596 SM
PROJECT: Intra-Theater Airlift Conversion (New Mission).
REQUIREMENT: The 120th Wing requires properly sited, adequately sized and appropriately configured facilities for the conversion from F-15 to Intra-Theater Airlift aircraft. Required facilities include hangar and shops. A new fuel cell/corrosion control facility with shop space; convert and expand the existing fighter hangar; convert the former F-15 fuel cell hangar bay to a small air terminal and deployment processing center. Convert the former weapon release facility for engine shop maintenance and storage.
CURRENT SITUATION: The base facilities are sized and configured for the F-15 fighter mission. Some of the space must be reconfigured for Intra-Theater Airlift aircraft requirements. Specific facilities must be converted or expanded. The fighter maintenance hangar will not accept Intra-Theater Airlift aircraft due to the wider wings and taller tail. An addition to the hangar to enclose the fuselage must be constructed. The fire suppression system must be altered to accommodate the wing and footprint of the larger aircraft. The F-15 fuel cell will not accept Intra-Theater Airlift aircraft. There

are no other facilities that can be modified or expanded; the only alternative is to provide a new fuel cell and corrosion control hangar and shops. This will allow the conversion of the existing F-15 fuel cell to a small air terminal and deployment processing facility. Aircraft maintenance shops must be reconfigured to allow effective Intra-Theater Airlift maintenance activities. The engine shop is configured for F-15s and operates out of a 1960s vintage, energy inefficient facility and requires additional space for the engines/propellers shop and storage for Intra-Theater Airlift aircraft. Building utilities will require upgrades to accommodate the changes for the C-130. Force protection site improvements are required to relocate roads and parking lots to meet UFC requirements. The ramp requires restriping and grounding points to meet the Intra-Theater Airlift parking plan.

IMPACT IF NOT PROVIDED: The base is unable to bring the Intra-Theater Airlift inside the hangar and perform maintenance based on tech orders, adversely impacting the Intra-Theater Airlift training mission. The lack of a fuel cell/corrosion control facility will cause maintenance delays, forcing fuel cell and Corrosion Control work to be done outside on the parking apron in harsh Montana winter conditions and constant wind throughout the year. This will potentially delay the availability of the aircraft and impact the training and mission effectiveness. Engine shop maintenance will be forced to operate under inefficient, cramped conditions in poorly configured space. Without the conversion project, the base will not reach final operational capability. Small Air Terminal training functions will be forced to use ad-hoc facilities on a temporary basis. Tech orders will be violated; significant health and safety hazards will be introduced in the work and training places; fire deficiencies cannot be corrected.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. A waiver to economic analysis has been approved by SAF/FMCE.

AIRCRAFT MX HANGAR ADDITION	743 SM = 8,000 SF
FUEL CELL/CORROSION CONTROL HANGAR	3,131 SM = 33,700 SF
ADD/ALTER AIRCRAFT MAINTENANCE SHOPS	4,106 SM = 44,200 SF
SMALL AIR TERMINAL & DEPLOYMENT PROCESSING	1,022 SM = 11,000 SF
ALTER ENGINE SHOP AREA	1,468 SM = 15,800 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
GREAT FALLS INTERNATIONAL AIRPORT, MONTANA

5. PROJECT TITLE	7. PROJECT NUMBER
INTRA-THEATER AIRLIFT CONVERSION	JKSE129321

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2012
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 13	70%
* (d) Date 35% Designed	OCT 2012
(e) Date Design Complete	SEP 2013
(f) Type of Design Contract	
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	880
(b) All Other Design Costs	1,320
(c) Total	2,200
(d) Contract	2,200
(e) In-House	
(4) Contract Award (Month/Year)	NOV 2013
(5) Construction Start	JAN 2014
(6) Construction Completion	JAN 2016

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

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

POINT OF CONTACT: MR SCOTT MULHOLLAND, GS-14
(240) 612-8347

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT DRUM MILITARY RESERVATION, NEW YORK	MQ-9 FLIGHT TRAINING UNIT HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53218F	211-111	FPBB129050	$4,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MQ-9 FLIGHT TRAINING UNIT HANGAR	SM	1,347		3,674
AIRCRAFT MAINTENANCE HANGAR	SM	1,254	2,476	(3,105)
GENERAL PURPOSE MAINTENANCE SHOPS	SM	93	2,476	(230)
EXPAND TAXIWAY	SM	836	179	(150)
AIRCRAFT FIRE SUPPRESSION	SM	1,347	140	(189)
SUPPORTING FACILITIES				475
APRON PAVEMENTS	SM	836	179	(150)
AIRFIELD LIGHTING	LM	305	246	(75)
ROAD AND PARKING PAVEMENTS	LS			(75)
UTILITIES	LS			(100)
SITE IMPROVEMENTS	LS			(75)
SUSTAINABILITY AND ENERGY MEASURES	LS			82
SUBTOTAL				4,231
CONTINGENCY (5%)				212
TOTAL CONTRACT COST				4,443
SUPERVISION, INSPECTION AND OVERHEAD (6%)				266
TOTAL REQUEST				4,709
TOTAL REQUEST (ROUNDED)				4,700

10. Description of Proposed Construction: Construct a MQ-9 hangar and general purpose maintenance shops utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: hangar and roll-up doors, concrete aircraft apron pavements, and extended aircraft taxiway. Include apron and taxiway airfield lighting. Air Conditioning: 18 KW.

11. REQUIREMENT: 3,874 SM ADEQUATE: 2,527 SM SUBSTANDARD: 0 SM

PROJECT: Construct MQ-9 Flight Training Unit Hangar (New Mission)

REQUIREMENT: The New York Air National Guard (NY ANG) requires a properly sited, adequately sized, and appropriately configured maintenance and storage hangar to support MQ-9 Flight Training Unit operations at Fort Drum. The unit supports 2 MQ-9 unmanned aerial vehicles (UAVs) dedicated for flight training operations supporting the Flight Training Unit school house at Hancock Field. The complex must be located at an airfield which provides required air space accessibility with minimal impact on civil air traffic. The mission requires a hangar with a minimal supporting general purpose maintenance shop and an aircraft maintenance unit. General purpose shop space includes: administrative, latrine facilities, minor break area, a controlled entry space, and a communications closet.

CURRENT SITUATION: The New York Air National Guard has been assigned a MQ-9 Flight Training Unit (FTU) school house at Hancock Field. An extension of that school house is the ability to fly actual training aircraft, and these aircraft have to be launched, flown, and recovered at some location. Flight operations for the Flight Training Unit cannot be conducted from Hancock Field as there is no Federal Aviation Administration Certificate to Operate (COA) from that location and

through airspace surrounding the Syracuse Hancock International Airport. A COA at that location is not likely well into the future. Fort Drum's Wheeler-Sack Army Airfield can support a Flight Training Unit element as it already houses a Launch and Recovery Element (LRE) for MQ-9 aircraft. The LRE was not sized for FTU school house operations and can only accommodate sufficient MQ-9's to support local flight operations. School house operations will position additional MQ-9's at Ft Drum in excess of LRE capacity. The Ground Control Unit portion of the LRE can also support FTU operations without expansion, but the remainder of the LRE is not physically large enough to accommodate and store MQ-9's slated for the FTU. The taxiway leading to the LRE and FTU hangar complexes needs to be widened as it does not meet taxiway width criteria, limiting its use as a taxiway and detracting from FTU student training.

IMPACT IF NOT PROVIDED: Failure to provide the required storage and maintenance for MQ-9 FTU school house operations will prevent the ANG from accomplishing its flying training school house mission as well as degrading its ability to conduct recurrent training for already qualified local crew members. Training of MQ-9 aircrews will be delayed as they will not have access to ready aircraft in which to obtain initial aircraft flight qualification and becoming operationally mission ready. Operational missions across the MQ-9 fleet will be impacted as there will be a lack of qualified pilots and the pipeline for producing new and additional pilots is effectively turned off.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, “Facility Requirements”. 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. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders.

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
FORT DRUM MILITARY RESERVATION, NEW YORK

5. PROJECT TITLE	7. PROJECT NUMBER
MQ-9 FLIGHT TRAINING UNIT HANGAR	FPBB129050

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	SEP 2012
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2013	20%
* (d) Date 35% Designed	FEB 2013
(e) Date Design Complete	JUN 2013
(f) Type of Design Contract	
(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	120
(b) All Other Design Costs	60
(c) Total	180
(d) Contract	180
(e) In-House	
(4) Contract Award (Month/Year)	OCT 2013
(5) Construction Start	DEC 2013
(6) Construction Completion	JAN 2015

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

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

POINT OF CONTACT: Mark H. Bailey
(240) 612-7042

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO	ALTER INTELLIGENCE OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53117F	171-712	WAAR109002	$7,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER INTELLINGENCE OPERATIONS FACILITY	SM	3,186		5,794
CONVERT WAREHOUSE TO SCIF	SM	2,083	2,497	(5,201)
RENOVATE OFFICES FOR NON-SCIF SPACE	SM	1,103	538	(593)
SUPPORTING FACILITIES				550
COMMUNICATIONS SUPPORT	LS			(300)
STANDBY POWER	LS			(50)
UTILITIES SUPPORT	LS			(70)
SECURITY MEASURES	LS			(75)
AT/FP SITE IMPROVEMENTS	LS			(55)
SUSTAINABILITY AND ENERGY MEASURES	LS			127
SUBTOTAL				6,471
CONTINGENCY (5%)				324
TOTAL CONTRACT COST				6,795
SUPERVISION, INSPECTION AND OVERHEAD (6%)				407
TOTAL REQUEST				7,202
TOTAL REQUEST (ROUNDED)				7,200

10. Description of Proposed Construction: Convert existing supply facility to an Intelligency Operations Facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF); Provide standby power generator
Air Conditioning: 525 KW.

11. REQUIREMENT: 3,186 SM ADEQUATE: 0 SM SUBSTANDARD: 3,186 SM
PROJECT: Alter Intelligence Operations Facility (New Mission).
REQUIREMENT: Springfield Air National Guard Base has been selected as a bed down site for an intelligence group in a classic association with the National Air and Space Intelligence Center (NASIC). This project will provide the Full Operation Capability (FOC) solution for the new mission. The FOC mission requires a properly sized and configured area for 254 intelligence analysts and administrative personnel. This includes a group staff and three squadrons. Intelligence Group spaces include administrative spaces, break/latrine areas, a controlled entry space and communications closet. The majority of the facility will be classified as a SCIF. Walls and ceilings to be of metal stud framing with a double layer of gypsum wallboard on both sides to satisfy SCIF requirements. The intelligence mission requires redundant communications connectivity which will require extension and looping of communications lines and switches.
CURRENT SITUATION: The F-16 mission at Springfield has departed. With the departure of the F-16, the supply function is reduced drastically. The remaining supply items are being transferred to another facility leaving the base supply empty and available for reuse in support of this new mission. In order to right size the space for all functions remaining and meet operational timelines, the site survey team recommended that building 150, supply warehouse at 1,676 SM (37,410 SF), be modified

1. COMPONENT ANG	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2013
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO		
5. PROJECT TITLE ALTER INTELLIGENCE OPERATIONS FACILITY		7. PROJECT NUMBER WAAR109002

to support the FOC solution for this mission. Temporary and much smaller SCIF space is being used to reach Initial Operational Capability (IOC).

IMPACT IF NOT PROVIDED: The Intelligence Group continues to work out of temporary SCIF space with overcrowding and eventual degraded mission performance. A permanent facility is required for this mission. Forced use of existing facilities without appropriate renovation/reconfiguration would not accommodate mission requirements and would result in security violations due to the high sensitivity and highly classified nature of this mission. A large portion of the 254 personnel cannot be trained. The Air Force will not be able to meet the requirement to provide an FOC intelligence capability by the end of FY 2014 resulting in loss of operational capability for the Air Force.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders.

RENOVATE OFFICES FOR NON-SCIF SPACE	1,103 SM = 11,872 SF
CONVERT WAREHOUSE TO SCIF	2,083 SM = 22,425 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, OHIO

5. PROJECT TITLE	7. PROJECT NUMBER
ALTER INTELLIGENCE OPERATIONS FACILITY	WAAR109002

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUN 2011
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2013	100%
* (d) Date 35% Designed	JAN 2012
(e) Date Design Complete	JAN 2013
(f) Type of Design Contract	
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	432
(b) All Other Design Costs	216
(c) Total	648
(d) Contract	648
(e) In-House	
(4) Contract Award (Month/Year)	NOV 2013
(5) Construction Start	JAN 2014
(6) Construction Completion	FEB 2015

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

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

POINT OF CONTACT: Mark Mittler
(240) 612-8712

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FT INDIANTOWN GAP ANG STATION, PENNSYLVANIA	COMMUNICATIONS OPERATIONS AND TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	171-447	LKLW109037	$7,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMMUNICATIONS OPS AND TRAINING FACILITY	SM	1,864		5,819
OPS AND TRAINING AREA	SM	1,864	3,122	(5,819)
SUPPORTING FACILITIES				1,016
UTILITIES	LS			(275)
PAVEMENTS	LS			(140)
SITE IMPROVEMENTS	LS			(150)
DRAINAGE	LS			(90)
COMMUNICATIONS SUPPORT	LS			(120)
PASSIVE FORCE PROTECTION MEASURES	LS			(110)
DEMOLITION/ASBESTOS REMOVAL	SM			(131)
SUSTAINABILITY AND ENERGY MEASURES	LS	816	161	127
SUBTOTAL				6,962
CONTINGENCY (5%)				348
TOTAL CONTRACT COST				7,310
SUPERVISION, INSPECTION AND OVERHEAD (6%)				438
TOTAL REQUEST				7,748
TOTAL REQUEST (ROUNDED)				7,700

10. Description of Proposed Construction: Construct a communications operations and training training facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: passive force protection measures and demolish 4 buildings (8,783 SF) and turn 7 over to the commonwealth (19,868), remove them from the Air Force real property inventory.
Air Conditioning: 175 KW.

11. REQUIREMENT: 1,864 SM ADEQUATE: 0 SM SUBSTANDARD: 3,321 SM
PROJECT: Combined Communications Operations and Training (Current Mission).
REQUIREMENT: The Fort Indiantown Gap Air Guard Station requires adequate sized and configured space to service the operations, maintenance, and training in support of the 271ST Combat Communications Squadron's, the 211th Engineering Installation Squadron's and the 203rd Battlefield Weather Flight's tactical operational systems. Operations and Training functional areas include command section, communications systems (satellite, base and network), communications center, combat support, secure storage, engineering, installations support, logistics, quality assurance, library, classrooms and restroom/locker room.
CURRENT SITUATION: Current facilities are World War II-era temporary wooden buildings constructed in the 1940's. The buildings do not provide the required space for the functions to effectively support the training mission. The buildings are undersized and poorly configured, have inadequate and undersized utilities support, have inadequate fire protection, are poorly insulated, and have antiquated heating systems and waste energy. Electrical power panels are inadequate and overloaded with many split breakers and undersized electrical conductors. These wooden facilities are severe fire hazards and have multiple documented fire safety deficiency (FSD) IIs. In recent years, fires

have occurred in buildings 2020 and 1025, both caused by electrical system failures. These buildings do not provide effective/efficient spaces for the operational and training mission. Self help efforts have made the spaces barely useable and use of restoration and maintenance funds would exceed funding limits due to the low plant replacement value of the facilities. Office space is severely undersized and many personnel share desks and phones. Lack of classroom space causes scheduling problems and training delays. These facilities lack the functional utility required for quality work and training space.

IMPACT IF NOT PROVIDED: The missions of the 271st Combat Communications and the 211th Engineering Installation Squadron's continue to be severely impeded by the facility inefficiencies and lack of training opportunities. Energy reduction goals cannot be met. The buildings will require extensive repairs to keep them in minimal operating condition. Due to poor facility conditions, this unit has experienced recruiting and retention problems that lead to reduced readiness ratings and potential mission failure. Personnel continue to be at risk due to health, safety and fire hazards. Higher operating costs for utilities, maintenance and repairs continue. Accept risk of injury/death due to fire in these 60-plus-year-old wood facilities.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements." 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. 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. A certificate of exemption is available. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. This project will permit the following buildings to be turned over to the state and removed from Air Force inventory: 2004 (1865 SF), 2009 (1403 SF), 2021 (4720 SF), 2022 (4720 SF), 2024 (1144 SF), 2025 (4720 SF) and 2026 (1296 SF) for a total of 19,868 SF. In addition the following buildings will be demolished after the project completion: 1031 (1764 SF), 1043 (3515 SF), 1029 (2360 SF), 1035 (1144 SF), for a total of 8,783 SF. The entire reduction in inventory as a result of demolition and property transfer is 28,651 SF.

CatCode		Requirement	Adequate	Substandard
171-447	RES FORCES COMM/ELECTRONIC TRNG	1,204 SM	0 SM	2,662 SM
171-443	RESERVE FORCES GENERAL TRANING	437 SM	0 SM	437 SM
740-674	PHYSICAL FITNESS CENTER	223 SM	0 SM	223 SM

OPS AND TRAINING AREA 1,864 SM = 20,062 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

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

5. PROJECT TITLE	7. PROJECT NUMBER
COMMUNICATIONS OPERATIONS AND TRAINING FACILITY	LKLW109037

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2012
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2013	10%
* (d) Date 35% Designed	SEP 2012
(e) Date Design Complete	MAR 2013
(f) Type of Design Contract	
(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 -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	563
(b) All Other Design Costs	253
(c) Total	816
(d) Contract	816
(e) In-House	
(4) Contract Award (Month/Year)	NOV 2013
(5) Construction Start	JAN 2014
(6) Construction Completion	FEB 2015

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

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

POINT OF CONTACT: Mark Mittler
(240) 612-8712

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
QUONSET STATE AIRPORT, RHODE ISLAND	C-130J FLIGHT SIMULATOR TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
54332F	171-212	TWLR129077	$6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-130 FLIGHT SIMULATOR TRAINING FACILITY	SM	985		4,188
FLIGHT SIMULATOR AREA	SM	985	4,252	(4,188)
SUPPORTING FACILITIES				1,120
UTILITIES	LS			(300)
PAVEMENTS	LS			(310)
SITE IMPROVEMENTS	LS			(120)
COMM SUPPORT	LS			(100)
FIRE PROTECTION SUPPORT	LS			(70)
PILE CONSTRUCTION	LS			(220)
SUSTAINABILITY AND ENERGY MEASURES	LS			110
SUBTOTAL				5,418
CONTINGENCY (5%)				271
TOTAL CONTRACT COST				5,689
SUPERVISION, INSPECTION AND OVERHEAD (6%)				341
TOTAL REQUEST				6,030
TOTAL REQUEST (ROUNDED)				6,000

10. Description of Proposed Construction: Construct a high-bay, C-130 Flight Simulator Training Facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. To the greatest extent possible interior spaces shall be open office configuration. Special Construction Requirements: Pile construction required due to geological conditions.
Air Conditioning: 350 KW.

11. REQUIREMENT: 985 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM
PROJECT: C-130J Flight Simulator Training Facility (New Mission)
REQUIREMENT: The base requires a properly sited, adequately sized, and appropriately configured flight simulator facility to house a six axis flight simulator to train aircrews to fly the 8 PAA C-130J aircraft assigned to this installation. Functional areas include a 2-story high bay to house flight simulator, briefing rooms, administrative areas for training and support staff, equipment and maintenance rooms, storage spaces, communications room supporting simulator operations, mechanical and electrical utility rooms, and latrine facilities. Due to soil conditions, a pile foundation system is required.
CURRENT SITUATION: Air Mobility Command is establishing a C-130J Aircraft Flight Simulator Training Program and selected Quonset ANGB to receive the equipment. The base does not have a facility that can be modified to accommodate a flight simulator. Crews currently perform training and meet qualification requirements by either flying existing based aircraft or performing temporary duty at an installation that has an appropriate simulator device.
IMPACT IF NOT PROVIDED: Capacity of existing facilities limits number of certified pilots and qualified aircrews. Without this new construction, opportunities to effectively establish low cost high impact mission training will be delayed or lost. Existing low-fidelity part-task-trainer devices do not have full motion, full visual or comply with current training standards so pilot certifications are

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, RHODE ISLAND		
5. PROJECT TITLE C-130J FLIGHT SIMULATOR TRAINING FACILITY		7. PROJECT NUMBER TWLR129077

reduced. Extra cost will be incurred to send aircrews elsewhere for required training. There will be increased risk to tactical airlift operations in combat applications due to reduced training opportunities. Higher training costs and increased wear and tear on aircraft as qualifications and training would be conducted in aircraft; training in simulators is cost effective and negates flying hours budgeting requirements and saves fuel.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components that need C-130J training. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation.

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
QUONSET STATE AIRPORT, RHODE ISLAND

5. PROJECT TITLE	7. PROJECT NUMBER
C-130J FLIGHT SIMULATOR TRAINING FACILITY	TWLR129077

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	APR 2012
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2013	35%
* (d) Date 35% Designed	JAN 2013
(e) Date Design Complete	DEC 2013
(f) Type of Design Contract	
(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	434
(b) All Other Design Costs	108
(c) Total	542
(d) Contract	542
(e) In-House	
(4) Contract Award (Month/Year)	APR 2014
(5) Construction Start	MAY 2014
(6) Construction Completion	AUG 2015

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

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

POINT OF CONTACT: Mark H. Bailey
(240) 612-7042

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCGHEE TYSON AIRPORT, TENNESSEE	TEC EXPANSION - DORMITORY AND CLASSROOM TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	721-313	PSXE109034	$18,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
DORMITORY AND CLASSROOM TRAINING FACILITY	SM	5,221		14,127
CLASSROOMS AREA	SM	1,765	2,960	(5,224)
DORMITORY AREA	SM	2,620	2,368	(6,204)
HIGH TECHNOLOGY LEARNING CENTER	SM	836	3,229	(2,699)
SUPPORTING FACILITIES				1,760
PAVEMENTS	LS			(500)
SITE IMPROVEMENTS	LS			(175)
UTILITIES	LS			(650)
COMMUNICATIONS SUPPORT	LS			(135)
FIRE DETECTION/SUPPRESSION SYSTEM	LS			(300)
SUSTAINABILITY AND ENERGY MEASURES	LS			320
SUBTOTAL				16,207
CONTINGENCY (5%)				810
TOTAL CONTRACT COST				17,017
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,021
TOTAL REQUEST				18,038
TOTAL REQUEST (ROUNDED)				18,000

10. Description of Proposed Construction: Construct a Professional Military Education dormitory and classrom training facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: dormitory configured to the Air Force E5–E6 module. Raised flooring will be required for the high technology learning center. Additional fire suppression water supply infrastructure beyond the building line will be needed to provide adequate pressure/volume at the site.
Air Conditioning: 945 KW.

11. REQUIREMENT: 26,624 SM ADEQUATE: 8,861 SM SUBSTANDARD: 12,542 SM
PROJECT: TEC Expansion - Dormitory and ClassroomTraining Facility (Current Mission).
REQUIREMENT: The Training and Education Center (TEC) is operated by the ANG and serves as a national training base for the Total Force. The TEC serves active and reserve component units from all services. The TEC primary focus and mission is to support the education and professional military training of Air National Guard and Air Force Active Duty components. The TEC has increased student load to the existing in-residence Enlisted Professional Military Education (EPME) program which is comprised of the Non-Commissioned Officer (NCO) Academy, Airman Leadership School (ALS), Satellite NCO Academy, and Skill Enhancement Training program. The additional throughput for in-residence members demands additional supporting classrooms, faculty spaces, and computer support areas. Properly designed and equipped classrooms, and training areas in accordance with current Air Force Standards providing facility support for enlisted personnel attending the EPME in-residence training program are essential to the successful growth and accomplishment of the total force training program. The additional in-residence population demands additional dormitory space. A high-technology learning laboratory, provided and configured in the facility, will provide students access to

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013
3. INSTALLATION AND LOCATION		
MCGHEE TYSON AIRPORT, TENNESSEE		
5. PROJECT TITLE		7. PROJECT NUMBER
TEC EXPANSION - DORMITORY AND CLASSROOM TRAINING FACILITY		PSXE109034

the latest web-based/DCO instructional tools. Properly designed and furnished quarters in accordance with current Air Force Quality of Life Standards providing individual privacy to enlisted personnel attending the EPME in-residence training programs are essential to the successful growth and accomplishment of the EPME program. This is a key issue to enhance the PME training environment for airmen. The dormitory area will be configured to the Air Force E5 – E6 module, single occupancy room design with shared restrooms and showers; classroom space will be configured to the AETC standard for enlisted PME.

CURRENT SITUATION: The Air Force requires a significant increase of Enlisted Professional Military Education (EPME) training slots annually. The NCO Academy, ALS, Satellite NCO Academy, and Skill Enhancement Training programs all have been authorized additional in-residence slots. Existing TEC classroom and training facilities cannot support a current mission increase to meet the projected Air Force requirements. To accommodate additional throughput, the TEC needs more classroom and training spaces in a new facility to meet current DoD directives. Existing TEC campus classroom and training facilities cannot be renovated or expanded in size to provide for the projected student load increase due to the nature of the existing building designs, building system constraints, and site configurations. To comply with Air Force training requirements and to accommodate the additional throughput, the TEC requires a new facility providing the required single occupancy dormitory spaces to meet current Air Force billeting standards. Existing dormitories are configured for two-person rooms and cannot be economically modified or renovated to accommodate single occupancy due to the nature of the existing overall architectural, mechanical, and structural design.

IMPACT IF NOT PROVIDED: Inability to provide students with appropriate, safe on-base training facilities. The dormitory room deficit result in a substantial reduction in mission effectiveness for EPME for ANG, Air Force Reserve and Active Duty Air Force members. Inability to provide the students with on-base living space and private sleeping accommodations. The TEC is not able to meet the goal of providing DoD-directed classroom and training space for visiting personnel, students and deploying personnel, resulting in degraded operational training. Units' ability to develop wartime readiness and improve proficiency is adversely affected. Inefficient processing of students, loss of quality training, and poor command and control of individuals assigned continues.

ADDITIONAL: The current approved ANG TEC Campus and Base Master Plans provide for additional classroom, training and dormitory facilities. Force protection requirements have been addressed. Project siting meets standoff distance requirements. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force and Air National Guard requirements. An economic analysis has been prepared comparing the alternatives of new construction, 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. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2802, Executive Order 13423, and other applicable laws and Executive Orders.

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION

MCGHEE TYSON AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
TEC EXPANSION - DORMITORY AND CLASSROOM TRAINING FACILITY	PSXE109034

CatCode		Requirement	Adequate	Substandard
171-211	FLIGHT TRAINING CLASSROOM	10,626 SM	8,861 SM	0 SM
721-313	TECH TNG STD HSG	15,162 SM	0 SM	12,542 SM
721-313	TECH TNG STD HSG	836 SM	0 SM	0 SM

CLASSROOMS AREA	1,765 SM = 19,000 SF
DORMITORY AREA	2,620 SM = 28,200 SF
HIGH TECHNOLOGY LEARNING CENTER	836 SM = 9,000 SF

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

3. INSTALLATION AND LOCATION
MCGHEE TYSON AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
TEC EXPANSION - DORMITORY AND CLASSROOM TRAINING FACILITY	PSXE109034

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUN 2011
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2013	100%
* (d) Date 35% Designed	JAN 2012
(e) Date Design Complete	DEC2012
(f) Type of Design Contract	
(g) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	No
(b) Where Design Was Most Recently Used -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,080
(b) All Other Design Costs	540
(c) Total	1,620
(d) Contract	1,620
(e) In-House	
(4) Contract Award (Month/Year)	NOV 2013
(5) Construction Start	JAN 2014
(6) Construction Completion	FEB 2015

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

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

POINT OF CONTACT: Harry W. Washington
(240) 612-8767

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2014

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $13,400,000

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.

[THIS PAGE INTENTIONALLY LEFT BLANK]

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

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)
52276F	999-999	PAYZ140001	$13,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			13,400
SUBTOTAL				13,400
TOTAL CONTRACT COST				13,400
TOTAL REQUEST				13,400

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 requires planning and design funds for projects that are to be included in future MILCON programs. The FY 2014 design funds are needed to complete the design for those projects that are to be included in the FY 2014 MILCON program and to begin the design for those projects to be included in the FY 2015 program. Funds also provide for design of the FY 2014 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2014 to ensure the design milestones for the FY 2014 and FY 2015 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.

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2014

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $13,000,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over $750,000 but not exceeding $2,000,000, 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.

[THIS PAGE INTENTIONALLY LEFT BLANK]

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		March 2013

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)
52276F	999-999	PAYZ140002	$13,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			13,000
SUBTOTAL				13,000
TOTAL CONTRACT COST				13,000
TOTAL REQUEST				13,000

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between $750,000 and $2,000,000. 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 $2,000,000. The project requirements are anticipated to arise during late FY 2013 or FY 2014, 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 2014 MILCON program and the projects cannot wait for the FY 2015 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account.

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

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

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

SECTION III

INSTALLATION DATA

[THIS PAGE INTENTIONALLY LEFT BLANK]

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION BIRMINGHAM INTERNATIONAL AIRPORT, BIRMINGHAM		4. AREA CONSTR COST INDEX .85

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

9 Army National Guard Armories, three Army Reserve, one Marine and Naval Reserve Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	Add to and Alter DCGS	2,127 SM (22,900 SF)	8,500	Aug 12	Apr 13

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 23 Jun 11 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
730-835	Security and Services Training Facility	2,035 SM (21,900 SF)	6,400

R&M Unfunded Requirement: $8,656,000

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

BIRMINGHAM INTERNATIONAL AIRPORT, BIRMINGHAM

11. PERSONNEL STRENGTH AS OF 15 Jul 11

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	284	32	252	0	957	123	834
ACTUAL	280	32	248	0	934	108	826

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
117 Intelligence Squadron	127	122
117 Logistics Readiness Squadron	100	103
117 Communication Flight	31	35
117 Operations Group	14	14
117 Operations Support Flight	18	17
117 Maintenance Group	15	12
117 Mission Support Group	8	8
117 Medical Group	51	42
106 Air Refueling Squadron	64	66
117 Force Support Squadron	50	52
117 Maintenance Squadron	150	135
117 Air Refueling Wing	59	49
117 Aircraft Maintenance Squadron	58	48
117 Maintenance Operations Flight	21	19
117 Civil Engineering Squadron	93	83
117 Security Forces Squadron	74	72
117 Student Flight	24	57
TOTALS	957	934

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	133	133
Refueling R-11	2	2
Refueling R-12	2	2
Vehicles	79	79
KC-135 Aircraft	9	9
Vehicle Equivalents	295	295

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

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

NONE

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION HULMAN INTERNATIONAL AIRPORT, TERRE HAUTE, INDIANA		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

4 Army National Guard Units
1 Army Reserve Unit
1 Marine Corps Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2012

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	Add to and Alter Bldg 37 for Distrib Common Grnd Stn (DCGS)	1,514 SM (16,300 SF)	10,400	Aug 12	Apr 13

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 18 Apr 12 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
730-839	Construct Entry Road and Gate House	28 SM (300 SF)	1,900
	R&M Unfunded Requirement: $4,892,000		

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

HULMAN REGIONAL AIRPORT, TERRE HAUTE

11. PERSONNEL STRENGTH AS OF 29 Jun 11

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	287	36	243	8	877	115	762
ACTUAL	285	35	242	8	846	96	750

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
181 Intelligence Wing	40	40
181 Mission Support Group	8	9
181 Services Flight	51	53
181 Security Forces Squadron	74	74
181 Civil Engineer Squadron	68	72
181 Communication Flight	31	31
181 Medical Squadron	92	82
181 Intelligence Group	18	18
113 ASOS	65	46
181 LRS	31	33
113 Weather Flight	15	16
181 OSS	55	53
137 Intelligence Squadron	226	224
181 Intelligence Support Squadron	75	71
181Comptroller Flight	13	13
207 Weather Flight	15	11
TOTALS	877	846

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	213.5	213.5
Vehicles	104	104

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

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

NONE

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION FORT GEORGE MEADE, MARYLAND		4. AREA CONSTR COST INDEX 1.00

5. FREQUENCY AND TYPE OF UTILIZATION

Daily use by technician/AGR force and for training. Four (4) Unit Training Assembly periods (1 weekend drill) per month. Fifteen (15) days Annual Training per person per year. Other days as required by the mission.

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

NONE

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	175th Network Warfare Squadron Facility	836 SM (9,000 SF)	4,000	Aug 12	Apr 14

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 25 Apr 2012 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirements: $0

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

FORT GEORGE MEADE, MARYLAND

11. PERSONNEL STRENGTH AS OF 01 Aug 12

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	20	10	10	0	64	30	34
ACTUAL	20	10	10	0	64	30	34

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
175 Network Warfare Squadron	64	64
TOTALS	64	64

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
None		

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	175 NWS Facility	836 SM (9,000 SF)	4,000	Jun 14	Jul 15

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, BALTIMORE		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION

Daily use by technician/AGR force and for training. Night flying operations 2-3 nights per week. Four (4) Unit Training Assembly periods (1 weekend drill) per month. Fifteen (15) days Annual Training per person per year.

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

Aberdeen Proving Ground, USCG Yard, Curtis Bay, Belair Armory, Belair, 5th Regiment Armory, USMC Reserve Center, Melvin Cade Armory, Gunpowder State Mil Reservation, Parkville Armory, Ruhl Armory

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	CYBER/ISR Facility	2,118 SM (22,800 SF)	9,800	Aug 12	Apr 13

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 25 Apr 12 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
116-661	MCCA A10 Arm/Disarm Apron	9,197 SM (11,000 SY)	1,800
171-476	Security Forces CATS and CATM Facility	278 SM (3,000 SF)	1,150
610-122	Replace Base Supply Administration	409 SM (4,400 SF)	1,800

R&M Unfunded Requirement: $14,170,000

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

MARTIN STATE AIRPORT, BALTIMORE

11. PERSONNEL STRENGTH AS OF 01 Jun 10

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	471	23	448	0	1,515	217	1,298
ACTUAL	449	18	431	0	1,477	198	1,279

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
175 Logistics Readiness Squadron	137	154
175 Maintenance Group	22	19
135 Aircraft Maintenance Squadron	52	40
175 Aircraft Maintenance Squadron	162	134
135 Maintenance Squadron	147	109
175 Maintenance Squadron	254	175
135 Maintenance Operations Flight	20	14
175 Maintenance Operations Flight	22	19
175 Force Support Squadron	65	61
175 Mission Support Group	12	11
175 Medical Group	56	60
135 Airlift Group	23	17
135 Airlift Squadron	73	73
175 Airlift Wing	56	63
235 Civil Engineering Flight	40	35
175 Civil Engineering Squadron	106	103
175 Communications Squadron	31	49
104 Fighter Squadron	52	42
175 Operations Group	15	6
175 Operations Support Flight	16	24
135 Operations Support Flight	18	23
175 Security Forces Squadron	116	130
175 Student Flight	20	116
TOTALS	1,515	1,477

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	110	107
A-10C PAA	18	21
Support Equipment	333	307
Vehicle Equivalents	367	352
C-27	4	

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012

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

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION GREAT FALLS INTERNATIONAL AIRPORT, GREAT FALLS		4. AREA CONSTR COST INDEX 1.11

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies (A Drill) per year and six monthly alternate flying assemblies (B Drill) 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 Guard Unit (Malmstrom) - 10 Miles, 37,200 SF, and 1 Air Force Base (Malmstrom) - 10 Miles, 5,251,762 SF.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	C-130 Conversion	10,470 SM (112,700 SF)	22,000	Apr 12	Sep 13

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: Five Air National Guard projects were recommended for unilateral Construction all were approved.

15 Mar 12
(Date)

9. LAND ACQUISITION REQUIRED

None
(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $1,710,000

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

GREAT FALLS INTERNATIONAL AIRPORT, GREAT FALLS

11. PERSONNEL STRENGTH AS OF 22 Jun 12

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	388	14	373	1	999	99	900
ACTUAL	380	13	366	1	1,011	91	920

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
120 Fighter Wing	39	45
120 Operations Group	12	14
120 Operations Support Flight	17	13
186 Fighter Squadron	41	32
120 Maintenance Group	20	17
120 Maintenance Operations Flight	25	21
120 AMS	156	151
120 Logistics Readiness Squadron	77	84
120 Maintenance Squadron	200	192
120 Mission Support Group	8	9
120 Force Support Squadron	42	44
120 Communication Flight	31	35
120 Civil Engineering Squadron	50	55
120 Security Forces Squadron	74	80
120 Medical Group	51	62
120 Student Flight	20	0
219 Red Horse	124	144
120 Comptroller Flight	12	13
TOTALS	999	1,011

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	114	114
F-15 Aircraft	15	19
Support Equipment	274	274
Vehicle Equivalents	457	457

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2013

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

NONE

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION FORT DRUM MILITARY RESERVATION, WATERTOWN		4. AREA CONSTR COST INDEX 1.15

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve unit training assemblies per year, 15 days annual field training per year, frequent use by technician/AGR force and for training. Reaper aerial launch/recovery operations, air-to-ground range, and fighter operations forward operating location.

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

Ft Drum

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-111	MQ-9 Flight Training Unit Hangar	1,347 SM (14,500 SF)	4,700	Apr 12	May 13

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 10 Nov 11 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $0

1. COMPONENT	FY 2014 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	March 2013

3. INSTALLATION AND LOCATION

FORT DRUM MILITARY RESERVATION, WATERTOWN

11. PERSONNEL STRENGTH AS OF 21 Aug 12

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	13	2	9	2	46	4	42
ACTUAL	12	2	9	1	45	3	42

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
DET Maintenance Group	9	13
DET Operations Group	14	12
LRE 1	0	0
TOTALS	23	25

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Ground Data Terminal Towers	3	3
Mobile Ground Control Station	3	3
MQ-9	12	3
Support Equioment LRE	48	51
Support Equipment FOL	48	48
Vehicle Equivalents LRE		
Vehicle Equivalents Range	48	50
Vehicle Equivalents ROL	38	50

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

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

NONE

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, SPRINGFIELD		4. AREA CONSTR COST INDEX .88

5. FREQUENCY AND TYPE OF UTILIZATION

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

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

One Armed Forces Reserve Center. One Air Force Base.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-712	Alter Intelligence Operations Facility	3,186 SM (34,297 SF)	7,200	Jun 11	Jan 13

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 17 May 12 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $3,508.000

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT, SPRINGFIELD

11. PERSONNEL STRENGTH AS OF 28 Jun 11

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	520	47	462	11	822	147	675
ACTUAL	362	55	302	5	847	168	679

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
296 Combat Communications Squadron	100	103
162 Fighter Squadron	66	55
251 Combat Communications Group	24	29
178 Aircraft Maintenance Squadron	0	35
178 Civil Engineering Squadron	29	34
178 Communication Flight	29	26
178 Comptroller Flight	10	12
178 Fighter Wing	28	28
178 Force Support Squadron	46	43
178 Logistics Readiness Squadron	39	39
178 Maintenance Group	0	1
178 Maintenance Operations Flight	0	3
178 Maintenance Squadron	0	48
178 Medical Group	28	33
178 Mission Support Group	9	8
178 Operations Group	3	1
178 Operations Support Flight	72	53
178 Security Forces Squadron	73	75
178 Intelligence Group	266	221
TOTALS	822	847

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents		520
Vehicles	246	200

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2013

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

NONE

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION FT INDIANTOWN GAP ANG STATION, ANNVILLE		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. Forty weeks of class instruction conducted by the Regional Equipment Operations Training School (REOTS) and Lightning Force Schol (LFA). Various other classes through the Regional Training Site.

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

1 Army Reserve Center and 1 Air National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-447	Communications Operations and Training Facility	1,864 SM (20,062 SF)	7,700	Apr 12	May 13

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 23 Aug 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $8,098,000

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

FT INDIANTOWN GAP ANG STATION, ANNVILLE

11. PERSONNEL STRENGTH AS OF 01 Jun 11

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	110	11	99	0	600	44	556
ACTUAL	104	11	93	0	628	47	581

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
201 Red Horse Squadron	234	259
193 RSG	7	5
148 Air Support Operations Squadron	74	64
203 Weather Flight	15	17
211 Engineering Installation Squadron	118	121
271 Combat Communications Squadron	106	116
533 Air Force Band	36	36
193 DET1	10	10
TOTALS	600	628

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	294	321

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

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

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION QUONSET STATE AIRPORT, NORTH KINGSTOWN		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 technician/AGR force and for training.

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

Eight Army National Guard Units, two Marine Corps Reserve, two Naval Stations, two Air National Guard Units and a Coast Guard MSO unit with satellite locatons.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-212	C-130J Flight Simulator Training Facility	985 SM (10,600 SF)	6,000	Apr 12	Dec 13

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 10 Jul 12 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
130-142	Replace Fire Station	2,007 SM (21,600 SF)	10,000
	R&M Unfunded Requirement: $5,600,000		

1. COMPONENT	FY 2014 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	March 2013

3. INSTALLATION AND LOCATION

QUONSET STATE AIRPORT, NORTH KINGSTOWN

11. PERSONNEL STRENGTH AS OF 10 Jul 12

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	253	27	220	6	917	122	795
ACTUAL	248	30	212	6	982	107	875

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
143 Airlift Squadron	91	85
143 Airlift Wing	55	57
143 Civil Engineering Squadron	99	104
143 Communication Flight	31	30
143 Logistics Readiness Squadron	122	135
143 Medical Group	53	61
143 Maintenance Squadron	165	136
143 Force Support Squadron	44	45
143 Operations Group	13	12
143 Operations Support Flight	18	17
143 Security Forces Squadron	74	115
143 Mission Support Group	8	8
143 Maintenance Group	12	10
143 Aircraft Maintenance Squadron	62	56
143 Maintenance Operations Flight	20	18
102 Information Warfare Squadron	50	56
TOTALS	917	945

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	98	98
C-130J-30	8	8
Support Equipment	121	96
Vehicle Equivalents	355	355

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2012

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	Rpr Fuel Cell Hangar, Bldg 8	2,246 SM (24,180 SF)	1,700		

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013
3. INSTALLATION AND LOCATION MCGHEE TYSON AIRPORT, KNOXVILLE		4. AREA CONSTR COST INDEX .86

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

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

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2014

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
721-313	TEC Expansion - Dormitory and Classroom Training Facility	5,221 SM (56,200 SF)	18,000	Aug 11	Dec 12

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 Jan 12 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
851-147	Force Protection Measures- Relocate Hobbs Road	20 HA (50 AC)	6,500

R&M Unfunded Requirement: $26,290,004

1. COMPONENT ANG	FY 2014 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE March 2013

3. INSTALLATION AND LOCATION

MCGHEE TYSON AIRPORT, KNOXVILLE

11. PERSONNEL STRENGTH AS OF 30 Jun 11

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	510	68	410	32	1,223	193	1,030
ACTUAL	496	68	396	32	1,272	192	1,080

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
134 Air Refueling Wing	47	48
134 Comptroller Flight	12	13
134 Operations Group	16	16
151 Air Refueling Squadron	84	81
134 Operations Support Flight	24	22
134 Maintenance Group	15	15
134 Maintenance Squadron	178	170
134 Aircraft Maintenance Squadron	78	77
134 Maintenance Operations Flight	21	23
134 Mission Support Group	8	7
134 Force Support Squadron	58	64
134 Civil Engineering Squadron	101	118
134 Communication Flight	35	35
134 Security Forces Squadron	112	118
134 Logistics Readiness Squadron	100	103
134 Medical Group	47	65
119 Combat Communications Squadron	216	250
228 Combat Communications Squadron	35	8
572 Air Force Band	36	39
TOTALS	1,223	1,272

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	380	380
KC-135R Aircraft	12	12
Support Equipment	339	281
Vehicle	136	133

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2013

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

NONE

[THIS PAGE INTENTIONALLY LEFT BLANK]

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

Air National Guard
Fiscal Years Defense Plan (FYDP) By Year

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2015	3830	DJCF149001	Channel Islands ANG Station	CA	Construct C-130J Flight Simulator Facility	54332F	171-212	6,000	0	New from FY13PB (New mission based on equipment delivery)	New
Guard	2015	3830	PAYZ159002	Unspecified	VL	KC-46A Apron/Fuel MOB#2	52276F	113-321	35,800	0	New from FY13PB	New
Guard	2015	3830	PAYZ159001	Unspecified	VL	KC-46A Corrosion Control/Fuel Cell Hgr MOB #2	52276F	211-179	58,200	0	New from FY13PB. Placeholder for new mission beddown.	New
Guard	2015	3830	PAYZ150001	Unspecified	VL	Planning and Design	52276F	961-000	7,100	(3,000)	PA reduced $3M to balance	
Guard	2015	3830	PAYZ150002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	9,750	(250)	PA radjusted to balance. PA reduced to balance	
						TOTAL MAJOR CONSTRUCTION			**116,850**			

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2016	3830	HKRZ129076	Ft Smith Municipal Airport	AR	Construct DGS	52276F	171-447	9,000	0	New from FY13PB	
Guard	2016	3830	QMSN099104	Moffett Federal Airfield	CA	Replace Vehicle Maintenance Facilities	52276F	214-425	5,700	(800)	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced $800K)	Existing
Guard	2016	3830	JLWS069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops, Phase I	52276F	211-152	8,700	0	Was FY15 in FY13PB	New
Guard	2016	3830	XDQU949500	Savannah/Hilton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	7,800	0	Was FY15 in FY13PB	New
Guard	2016	3830	RQLH079073	Naval Air Station Joint Reserve Base	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0	Was FY15 in FY13PB	Existing
Guard	2016	3830	FJRP089066	Charlotte/Douglas International Airport	NC	Replace C-130 Squadron Operations Facility	52276F	141-753	9,100		Was 2015 in FY13PB.	New
Guard	2016	3830	KKGA129066	Hector International Airport	ND	Intel Targeting Facilities	53117F	171-447	4,800	0	New from PB13. New mission	
Guard	2016	3830	WKVB089082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,300		Was out of FYDP in PB13.	New
Guard	2016	3830	CURZ059054	Burlington International Airport	VT	Upgrade Taxiway D, F & Replace Arm/Disarm Pad-Phase I	52276F	112-211	11,000		Was FY15 in FY13PB.	New

Air National Guard
Fiscal Years Defense Plan (FYDP) By Year

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13PB	Explanation of Changes	Footprint
Guard	2016	3830	LYBH049066	Yeager Airport	WV	Force Protection- ANG Share of Relocate Coonskin Road	52276F	851-147	5,000	0	Was FY15 in FY13PB. PA reduced to indicate ANG share of requirement	New
Guard	2016	3830	PAYZ160001	Unspecified	VL	Planning and Design	52276F	961-000	3,000	0		
Guard	2016	3830	PAYZ160002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	7,200	3,900	PA adjusted to balance	
						TOTAL MAJOR CONSTRUCTION			**89,300**			
Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2017	3830	FAKZ059173	Montgomery Regional Airport (ANGB)	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,200	(300)	Deferred from FY14 in FY13PB. PA reduced $300K to balance	Existing
Guard	2017	3830	CEKT049114	Bradley International Airport	CT	Replace Fire Station	52276F	130-142	7,700	(300)	New from FY13 PB. PA reduced $300K to balance	Existing
Guard	2017	3830	VUBV109002	Smoky Hill ANG Range	KS	Range Training Support Facilities	52276F	171-471	2,900	(100)	Deferred from FY15 (in FY13PB). PA reduced $100K to balance	Existing
Guard	2017	3830	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	6,900	(300)	Was FY17 in FY13PB. PA reduced $300K to balance	New
Guard	2017	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	7,700	(300)	Deferred from FY15 in FY13 PB. PA reduced $300L to balance	New
Guard	2017	3830	YWHG069195	Whiteman Air Fore Base	MO	Operations and Training Facility	52276F	171-445	7,100	(400)	Deferred from Fy16 (FY13 PB). PA Reduced $400K to balance. Was 2018 in OSD submission (FY14)	Existing
Guard	2017	3830	SZCQ099004	Pease International Tradeport ANG	NH	Air Traffic Control Squadron Operations Facility	52276F	171-447	7,600	(400)	Was FY16 in FY13PB. PA reduced by $400K to balance	New
Guard	2017	3830	AQRC059093	Atlantic City International Airport	NJ	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,200	(300)	Was out of FYDP in PB13. PA reduced by $300K to balance	New
Guard	2017	3830	WYTD029015	Toledo Express Airport	OH	Replace Security Forces Complex	52276F	730-835	6,800	(640)	Was FY16 in FY13PB. PA reduced by $640K to balance.	New
Guard	2017	3830	KJAQ099058	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	6,800	(200)	Deferred from FY16 (FY13PB). PA reduced $200K to balance	New
Guard	2017	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	11,500	(759)	Was FY15 in FY13PB. PA reduced $759K to balance	New

Air National Guard
Fiscal Years Defense Plan (FYDP) By Year

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2017	3830	PAYZ170001	Unspecified	VL	Planning and Design	52276F	961-000	3,000		PA Adjusted	
Guard	2017	3830	PAYZ170002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	3,800	400	PA adjusted to balance	
						TOTAL MAJOR CONSTRUCTION			**87,200**			
Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2018	3830	HKRZ029255	Fort Smith Municipal Airport	AR	Replace Base Supply Warehouse Complex	52276F	442-758	8,300	0	Defered from FY17 in FY13PB. PA reduced $500K to balance	New
Guard	2018	3830	CRWU069125	Buckley Air Force Base	CO	ASE Maintenance and Storage Facility	52276F	218-712	5,100	0	Deferred from FY16 in FY13PB. PA reduced $400K to balance	Existing
Guard	2018	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash/Rescue Station	52276F	130-142	8,839	(661)	Was FY15 in FY13PB. PA reduced $661K to balance FYDP	New
Guard	2018	3830	VSSB099014	Sioux Gateway Airport/Col Bud Day Field	IA	Consolidate Support Functions- Add/Alter Building 263	52276F	131-111	9,200	(400)	Defered from FY17 in FY13 PB. PA reduced $400K to balance	New
Guard	2018	3830	WEAS079054	Louisville International Airport - Standiford Field	KY	Contingency Response Group (CRG) Facility Phase I	54123F	442-758	5,930	(200)	Deferred from FY15 (PB13). PA reduced $200K to balance	New
Guard	2018	3830	SPBN019139	Otis ANGB	MA	Consolidate Base Civil Engineer Facilities	52276F	219-944	6,600		Defered from FY15 (FY13PB). Was in FY16 in OSD submission (FY14), but now FY18.	Existing
Guard	2018	3830	LRXQ989041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	8,000	0	Defered from FY15 (PB13). Was in FY16 in OSD submission (FY14) but moved to FY18	New
Guard	2018	3830	PTFL000605	Joint Base McGuire-Dix-Lakehurst	NJ	Replace Vehicle Maintenance Complex	52276F	214-425	5,400	(200)	Deferred from FY16 (PB13). PA reduced $200K to balance	New
Guard	2018	3830	LKLW099101	Fort Indiantown Gap ANG Station	PA	Replace Operations and Training and Dining Hall Facilities	52276F	171-445	7,300	(300)	Defered from FY17 (PB13). PA reduced $300K to balance.	New
Guard	2018	3830	PSTE009070	McEntire Joint National Guard Base	SC	Replace Operations and Training Facility	52276F	171-445	8,600	(500)	Was FY16 (in FY13 PB). PA reduced $500K to balance	New
Guard	2018	3830	CURZ059055	Burlington International Airport	VT	Upgrade Taxiway D and Replace Arm/Disarm Pad- Phase II	52276F	112-211	6,500	0	Was out of FYDP in FY13PB. Was in FY16 in OSD submission (FY14), but moved to FY18.	New
Guard	2018	3830	PAYZ180002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	4,531	1,000	PA adjusted to balance	

Air National Guard
Fiscal Years Defense Plan (FYDP) By Year

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Change from FY13 PB	Explanation of Changes	Footprint
Guard	2018	3830	PAYZ180001	Unspecified	VL	Planning and Design	52276F	961-000	3,000			
						TOTAL MAJOR CONSTRUCTION			**87,300**			

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2014	3830	BRKR999147	Birmingham International Airport	AL	Add to and Alter Distributed Ground Station Facility	55208F	171-447	8,500	0	New from FY12 PB.	Existing
Guard	2017	3830	FAKZ059173	Montgomery Regional Airport (ANGB)	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,200	(300)	Deferred from FY14 in FY13PB. PA reduced $300K to balance	Existing
Guard	2016	3830	HKRZ129076	Ft Smith Municipal Airport	AR	Construct DGS	52276F	171-447	9,000	0	New from FY13PB	New
Guard	2018	3830	HKRZ029255	Fort Smith Municipal Airport	AR	Replace Base Supply Warehouse Complex	52276F	442-758	8,300	0	Defered from FY17 in FY13PB. PA reduced $500K to balance	New
Guard	2015	3830	DJCF149001	Channel Islands ANG Station	CA	Construct C-130J Flight Simulator Facility	54332F	171-212	6,000	0	New from FY13PB (New mission based on equipment delivery)	New
Guard	2016	3830	QMSN099104	Moffett Federal Airfield	CA	Replace Vehicle Maintenance Facilities	52276F	214-425	5,700	(800)	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced $800K)	Existing
Guard	2018	3830	CRWU069125	Buckley Air Force Base	CO	ASE Maintenance and Storage Facility	52276F	218-712	5,100	0	Deferred from FY16 in FY13PB. PA reduced $400K to balance	Existing
Guard	2017	3830	CEKT049114	Bradley International Airport	CT	Replace Fire Station	52276F	130-142	7,700	(300)	New from FY13 PB. PA reduced $300K to balance	Existing
Guard	2016	3830	JLWS069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops, Phase I	52276F	211-152	8,700	0	Was FY15 in FY13PB	New
Guard	2018	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash/Rescue Station	52276F	130-142	8,839	(661)	Was FY15 in FY13PB. PA reduced $661K to balance FYDP	New

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2016	3830	XDQU949500	Savannah/Hilton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	7,800	0	Was FY15 in FY13PB	New
Guard	2018	3830	VSSB099014	Sioux Gateway Airport/Col Bud Day Fiel	IA	Consolidate Support Functions- Add/Alter Building 26	52276F	131-111	9,200	(400)	Defered from FY17 in FY13 PB. PA reduced $400K to balance	New
Guard	2014	3830	LDXF099060	Hulman Regional Airport	IN	Add to and Alter Bldg 37 for Distrib Common Grnd St	52276F	171-447	7,300		New from FY13 PB. PA reduced from $10.4M to $7.3M	New
Guard	2017	3830	VUBV109002	Smoky Hill ANG Range	KS	Range Training Support Facilities	52276F	171-471	2,900	(100)	Deferred from FY15 (in FY13PB). PA reduced $100K to balance	Existing
Guard	2018	3830	WEAS079054	Louisville International Airport - Standifo	KY	Contingency Response Group (CRG) Facility Phase I	54123F	442-758	5,930	(200)	Deferred from FY15 (PB13). PA reduced $200K to balance	New
Guard	2016	3830	RQLH079073	Naval Air Station Joint Reserve Base	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0	Was FY15 in FY13PB	Existing
Guard	2018	3830	SPBN019139	Otis ANGB	MA	Consolidate Base Civil Engineer Facilities	52276F	219-944	6,600		Defered from FY15 (FY13PB). Was in FY16 in OSD submission (FY14), but now FY18.	Existing
Guard	2014	3830	PJMS129058	Martin State Airport	MD	CYBER/ISR Facility	53115F	141-454	8,000	0	New from FY13 PB. Total requirement is $12.9M but $4.9M available from FY12 Martin State C-27 project.	New

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2014	3830	MMMD129073	Fort George Meade	MD	175th Network Warfare Squadron Facility	53056F	141-454	4,000	0	New from FY13 PB	New
Guard	2017	3830	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	6,900	(300)	Was FY17 in FY13PB. PA reduced $300K to balance	New
Guard	2017	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	7,700	(300)	Deferred from FY15 in FY13 PB. PA reduced $300L to balance	New
Guard	2017	3830	YWHG069195	Whiteman Air Fore Base	MO	Operations and Training Facility	52276F	171-445	7,100	(400)	Deferred from Fy16 (FY13 PB). PA Reduced $400K to balance. Was 2018 in OSD submission (FY14)	Existing
Guard	2018	3830	LRXQ989041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	8,000	0	Defered from FY15 (PB13). Was in FY16 in OSD submission (FY14) but moved to FY18	New
Guard	2014	3830	JKSE129321	Great Falls International Airport	MT	Intra-Theater Airlift Conversion	54332F	211-179	22,000	0	New from FY13 PB. Supports conversion to support intra-theater airlift aircaft	New
Guard	2016	3830	FJRP089066	Charlotte/Douglas International Airport	NC	Replace C-130 Squadron Operations Facility	52276F	141-753	9,100		Was 2015 in FY13PB.	New
Guard	2016	3830	KKGA129066	Hector International Airport	ND	Intel Targeting Facilities	53117F	171-447	4,800	0	New from PB13. New mission	New

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2017	3830	SZCQ099004	Pease International Tradeport ANG	NH	Air Traffic Control Squadron Operations Facility	52276F	171-447	7,600	(400)	Was FY16 in FY13PB. PA reduced by $400K to balance	New
Guard	2017	3830	AQRC059093	Atlantic City International Airport	NJ	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,200	(300)	Was out of FYDP in PB13. PA reduced by $300K to balance	New
Guard	2018	3830	PTFL000605	Joint Base McGuire-Dix-Lakehurst	NJ	Replace Vehicle Maintenance Complex	52276F	214-425	5,400	(200)	Deferred from FY16 (PB13). PA reduced $200K to balance	New
Guard	2014	3830	FPBB129050	Fort Drum Military Reservation	NY	MQ-9 Flight Training Unit Hangar	53218F	211-111	4,700	0		New
Guard	2016	3830	WKVB089082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,300		Was out of FYDP in PB13.	New
Guard	2014	3830	WAAR109002	Springfield-Beckley Municipal Airport	OH	Alter Intelligence Operations Facility	53117F	171-712	7,200	0	FY14 in FY13PB	Existing
Guard	2017	3830	WYTD029015	Toledo Express Airport	OH	Replace Security Forces Complex	52276F	730-835	6,800	(640)	Was FY16 in FY13PB. PA reduced by $640K to balance.	New
Guard	2017	3830	KJAQ099058	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	6,800	(200)	Deferred from FY16 (FY13PB). PA reduced $200K to balance	New
Guard	2014	3830	LKLW109037	Ft Indiantown Gap ANG Station	PA	Communications Operations and Training Facility	52276F	171-447	7,700	0	New from FY13PB	New
Guard	2018	3830	LKLW099101	Fort Indiantown Gap ANG Station	PA	Replace Operations and Training and Dining Hall Fac	52276F	171-445	7,300	(300)	Defered from FY17 (PB13). PA reduced $300K to balance.	New

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2014	3830	TWLR129077	Quonset State Airport	RI	C-130J Flight Simulator Training Facility	54332F	171-212	6,000		New from FY13 PB.	New
Guard	2018	3830	PSTE009070	McEntire Joint National Guard Base	SC	Replace Operations and Training Facility	52276F	171-445	8,600	(500)	Was FY16 (in FY13 PB). PA reduced $500K to balance	New
Guard	2017	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	11,500	(759)	Was FY15 in FY13PB. PA reduced $759K to balance	New
Guard	2014	3830	PSXE109034	McGhee Tyson Airport	TN	TEC Expansion - Dormitory and Classroom Training F	52276F	721-313	18,000		FY14 in FY13PB. Project may move to FY13.	Existing
Guard	2016	3830	CURZ059054	Burlington International Airport	VT	Upgrade Taxiway D, F & Replace Arm/Disarm Pad-Pl	52276F	112-211	11,000		Was FY15 in FY13PB.	New
Guard	2018	3830	CURZ059055	Burlington International Airport	VT	Upgrade Taxiway D and Replace Arm/Disarm Pad- P	52276F	112-211	6,500	0	Was out of FYDP in FY13PB. Was in FY16 in OSD submission (FY14), but moved to FY18.	New
Guard	2016	3830	LYBH049066	Yeager Airport	WV	Force Protection- ANG Share of Relocate Coonskin F	52276F	851-147	5,000	0	Was FY15 in FY13PB. PA reduced to indicate ANG share of requirement	New
Guard	2015	3830	PAYZ159001	Unspecified	VL	KC-46A Corrosion Control/Fuel Cell Hgr MOB #2	51413F	211-179	58,200	0	New from FY13PB. Placeholder for new mission beddown.	New
Guard	2015	3830	PAYZ159002	Unspecified	VL	KC-46A Apron/Fuel MOB#2	51413F	113-321	35,800	0	New from FY13PB	New
Guard	2015	3830	PAYZ150002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	9,750	(250)	PA radjusted to balance. PA reduced to balance	

Air National Guard
Future Years Defense Plan (FYDP) By State

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount ($000)	Changes from FY 13 PB	Explanation of Changes	Footprint
Guard	2015	3830	PAYZ150001	Unspecified	VL	Planning and Design	52276F	961-000	7,100	(3,000)	PA reduced $3M to balance	
Guard	2016	3830	PAYZ160001	Unspecified	VL	Planning and Design	52276F	961-000	3,000	0		
Guard	2016	3830	PAYZ160002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	7,200	3,900	PA adjusted to balance	
Guard	2017	3830	PAYZ170001	Unspecified	VL	Planning and Design	52276F	961-000	3,000		PA Adjusted	
Guard	2017	3830	PAYZ170002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	3,800	400	PA adjusted to balance	
Guard	2018	3830	PAYZ180002	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	4,531	1,000	PA adjusted to balance	
Guard	2018	3830	PAYZ180001	Unspecified	VL	Planning and Design	52276F	961-000	3,000			

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2014

SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

PROJECTS NO LONGER IN THE FYDP

Air National Guard
Fiscal Years Defense Program (FYDP)
Projects No Longer In The FYDP

Component	FY	APPN	Project Number	Installation	State	Project Title			Budget Amount ($000)		Explanation of Changes	Footprint
Guard		3830	FTQW049093	Eielson Air Force Base	AK	Base Civil Engineer Pavements and Grounds Facility			2,000		Out of FYDP from FY17 (PB13)	New
Guard		3830	BRKR009063	Birmingham International Airport	AL	Security and Services Training Facility			6,400		New from FY13PB but now out of FYDP	New
Guard		3830	ABAA119033	Abston ANG Station	AL	Relocate Comunications Facilities			5,000		Out of FYDP from FY16 (PB13)	Existing
Guard		3830	NKAK909718	Little Rock Air Force Base	AR	Fuel Cell and Corrosion Control Hangar			10,400		Out of FYDP from FY15 (PB13)	New
Guard		3830	XHEA109012	Tucson International airport	AZ	Relocate Base Entry Complex			1,950		Out of FYDP from FY16 (PB13) - to be executed with UMMC	New
Guard		3830	QMSN079001	Moffett Federal Airfield	CA	Relocate Munitions Maintenance and Storage Complex			9,000		Out of FYDP from FY16 (FY13 PB)	Existing
Guard		3830	SACB119001	San Diego ANG Station	CA	Supply Warehouse			2,000		Out of FYDP from FY15 (PB13) - to be executed in FY12 with UMMC	
Guard		3830	JLWS019054	New Castle County Airport	DE	Replace Fuel Cell and Corrosion Control Hangar and Shops			11,200		Out of FYDP from FY17 (PB13)	Existing
Guard		3830	SAKW109201	Northwest Field-Anderson AFB	GU	RED HORSE Operational Facility			5,200		Out of FYDP from FY16 (FY13PB).	New
Guard		3830	VSSB099017	Sioux Gateway Airport/Col Bud Day Field	IA	ADAL Dining Facility/Clinic for HQ			9,600		Out of FYDP from FY17 (PB13)	Existing
Guard		3830	FFAN049064	Des Moines International Airport	IA	Corrosion Control Hangar			5,100		Out of FYDP from FY15 (PB13)	New
Guard		3830	BXRH019091	Boise Air Terminal(Gowan Field)	ID	Operations, Training and Medical Training Facility			9,100		Out of FYDP from FY17(PB13).	Existing
Guard		3830	JLQN049119	General Wayne A. Downing Peoria IAP (ANG)	IL	Add To and Alter Fire Crash/Rescue Station			8,800		Out of FYDP from FY17 (PB13)	Existing
Guard		3830	VDYD099088	Scott Air Force Base	IL	Add to and Alter Squadron Operations Facility			10,300		Out of FYDP from FY16 (PB13). Project no longer required.	Existing
Guard		3830	ATQZ069005	Fort Wayne International Airport	IN	ASE and Weapons Release Facilities			7,500		Out of FYDP from FY14 (PB13)	New
Guard		3830	GUQE079020	Forbes Municipal Airport	KS	BCE pavements and Grounds Facility			1,750		Out of FYDP from FY16 (PB13) - execute with UMMC	New
Guard		3830	WEAS119055	Louisville International Airport - Standiford Field	KY	Contingency Response Group (CRG), Facility Phase II			11,500		Out of FYDP from FY16 (PB13)	New
Guard		3830	SPBN129049	Otis ANG Base	MA	Consolidate BCE/Vehicle Maintenance Facilities			14,600		Out of FYDP from FY15 (PB13).	
Guard		3830	AXQD049060	Barnes Municipal Airport	MA	Replace Engine and NDI Shops			5,600		New from 13PB	
Guard		3830	SPBN019140	OTIS ANGB	MA	Replace Vehicle Maintenance Shop Complex			4,000		Out of FYDP from FY17 (PB13)	Existing
Guard		3830	AJXF129020	Joint Base Andrews	MD	F-16 Aircraft Maintenance Complex			12,200		Out of FYDP from FY16 (PB13)	New

Air National Guard
Fiscal Years Defense Program (FYDP)
Projects No Longer In The FYDP

Component	FY	APPN	Project Number	Installation	State	Project Title			Budget Amount ($000)		Explanation of Changes	Footprint
Guard		3830	TDVG049136	Alpena County Regional Airport	MI	Replace Troop Training Quarters			9,200		Out of FYDP from FY15 (PB13).	New
Guard		3830	LTUY119027	Jefferson Barracks	MO	Tornado Damage-Relocate from Lambert-St Louis			11,219		Out of FYDP from FY15 (PB13)	Existing
Guard		3830	FJRP009093	Charlotte/Douglas International Airport	NC	Operations and Training Facility			6,600		Out of FYDP from FY16 (PB13). PA reduced to balance	New
Guard		3830	NGCB119030	Lincoln MAP	NE	Aerial Port and Mobility Processing Facility			5,500		Out of FYDP from FY17 (PB13)	New
Guard		3830	AQRC069222	Atlantic City International Airport	NJ	Dining Hall and Services Facility			9,500		Out of FYDP from FY16 (PB13)	New
Guard		3830	VBDZ109009	Schenectady Municipal Airport	NY	Relocate Base Entry Complex			1,900		Out of FYDP from FY16 (PB13)	New
Guard		3830	PBXP929798	Mansfield Lahm Airport	OH	Replace Fire Station			7,500		PA Reduced to balance FYDP	
Guard		3830	TWLR039103	Quonset State Airport	RI	Replace Fire Station			10,000		Out of FYDP from FY15 (FY13 PB)	New
Guard		3830	PSXE069050	McGhee Tyson Airport	TN	Force Protection Measures- Relocate Hobbs Road			6,500		Out of FYDP from FY15 (PB13)	New
Guard		3830	FWJH059016	Ellington Field	TX	Replace Security Forces Facility			5,800		Out of FYDP from FY17 (PB13)	New

[THIS PAGE INTENTIONALLY LEFT BLANK]