AIR NATIONAL GUARD

Fiscal Year (FY) 2015 BUDGET ESTIMATES



MILITARY CONSTRUCTION
APPROPRIATION 3830
PROGRAM YEAR 2014

Justification Data Submitted to Congress

March 2014

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

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SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2015

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT (\$000)	APPN AMOUNT (\$000)	PAGE NO.
		(1.2.2.7)	(, , , , ,	
CONNECTICUT	Bradley International Airport Construct C-130 Fuel Cell and Corrosion Control Facility	16,306 16,306	16,306 16,306	
IOWA	Des Moines International Airport Remotely Piloted Aircraft and Targeting Group Beddown	8,993 8,993	8,993 8,993	
MICHIGAN	W. K. Kellogg Airport RPA Beddown	6,000 6,000	6,000 6,000	
NEW HAMPSHIRE	Pease International Tradeport			
	KC-46A ADAL Fuel Cell	16,800	16,800	II-10
	KC-46A ADAL Maint Hangar	18,002	18,002	II-13
	KC-46A ADAL Airfield Pavements & Hydrant Systems	<u>7,100</u>	<u>7,100</u>	II-16
		41,902	41,902	
PENNSYLVANIA	Horsham AGS			
LEMBILVAMA	RPA Operations Center	5,662 5,662	5,662 5,662	II-19
	SUB-TOTAL MAJOR CONSTRUCTION	78,863	78,863	
	PLANNING AND DESIGN		7,700	II-25
	UNSPECIFIED MINOR CONSTRUCTION		8,100	II-29
	SUB - TOTAL SUPPORT COSTS		<u>15,800</u>	
	GRAND TOTAL - FY 2015 REQUEST	78,863	94,663	



NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 2015

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV
Bradley International Airport, CT	Construct C-130 Fuel Cell and Corrosion Control Facility	16,306	N
Des Moines International Airport, IA	Remotely Piloted Aircraft and Targeting Group Beddown	8,993	N
W. K. Kellogg Airport, MI	RPA Beddown	6,000	N
Pease International Tradeport, NH	KC-46A ADAL Fuel Cell	16,800	N
Pease International Tradeport, NH	KC-46A ADAL Maint Hangar	18,002	N
Pease International Tradeport, NH	KC-46A ADAL Airfield Pavements & Hydrant Systems	7,100	N
Horsham AGS, PA	RPA Operations Center	5,662	N
	PLANNING AND DESIGN	7,700	
	UNSPECIFIED MINOR CONSTRUCTION	8,100	
	TOTAL ENERGY TOTAL ENVIRONMENTAL TOTAL NEW MISSION (7) TOTAL CURRENT MISSION (0)	0 0 78,863 0	
	GRAND TOTAL - FY 2015 REQUEST	94,663	



DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

SECTION I	
 SECTION	

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, \$94,663,000 to remain available until September 30, 2019.

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).



DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

	SECTION II	

PROJECT JUSTIFICATION DATA



1. GO) (DO) (E) (E)	ı	DV 2015 MILITER DV CO	NORDIICE	ON DE	OTE CE P	m . I	_	D. A. METE
1. COMPONENT		FY 2015 MILITARY CO	NSTRUCTI uter generat		JJECT DA	ΊA	2.	DATE
ANG		(comp	uter generat	eu)			Ma	arch 2014
3. INSTALLATION	AND	LOCATION		4. F	PROJECT	TITLE.	1110	2011
3. II (BITIEDITION)					TRUCT C-		CE	LL AND
BRADLEY INTERNA	ATIO	NAL AIRPORT, CONNEC	CTICUT		OSION CO			
5. PROGRAM ELEM			7. PROJE	CT NUN	/IBER	8. PROJE	ECT	COST(\$000)
54332F		211-179	CE	KT1390	04		\$16	,306
		9. COST	ESTIMAT	ES				
						UNIT	Γ	COST
		ITEM		U/M	QUANTIT	Y COS	Γ	(\$000)
		L CELL/CORROSION CC	NTROL	SM	2,750			12,582
		ON HANGAR (211-179)		SM	2,165			(9,905)
FUEL CELL SHO				SM	158	- ,-		(723)
		OL SHOP AREA (211-159)	SM	427	4,5	75	(1,954)
SUPPORTING FAC	ILITIE	ES		T G				1,950
UTILITIES				LS				(500)
PAVEMENTS	(CNIT)	7		LS				(500)
SITE IMPROVEM COMMUNICATION				LS LS				(400)
				LS				(100) (450)
FIRE PROTECTION SUPPORT SUSTAINABILITY AND ENERGY MEASURES			LS				320	
SUBTOTAL			LS				14,852	
CONTINGENCY (5%)							743	
TOTAL CONTRACT COST								15,595
SUPERVISION, INSPECTION AND OVERHEAD (6%)								935
TOTAL REQUEST							16,530	
TOTAL REQUEST ((ROUI	NDED)						16,306

10. Description of Proposed Construction: Construct a high-bay, Fuel Cell/Corrosion Control Facility utilizing conventional design and construction methods to accommodate the mission of the facility. Facility will designed as permanent construction in accordance with the DoD Unified Facilities Criteria. 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 to include fume extraction ventilation and wet pipe sprinkler/ high expansion foam system and fire water storage.

Air Conditioning: 70 KW.

11. REQUIREMENT: 2,750 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM PROJECT: Construct C-130 Fuel Cell and Corrosion Control Facility (New Mission) REQUIREMENT: The installation requires a properly sited, adequately sized, and appropriately configured fuel cell and corrosion control facility to support 8 Primary Aircraft Authorized C-130 aircraft. Requirements include hangar bay space for fuel cell work, fuel cell shop space, corrosion control maintenance area, administrative support areas, and restroom, locker, and break areas, using open floor plan architecture to the maximum extent possible. The facility will specifically require fire protection systems to include fire protection water storage and utility metering. CURRENT SITUATION: The 2005 Defense BRAC Final Report removed the A-10 aircraft from Bradley Air National Guard base. Through Total Force Integration (TFI) initiatives, the base was assigned the C-21 as a bridge mission to the C-130 aircraft. The C-21 mission did not require any changes to maintenance facilities since it is smaller than the A-10 aircraft. The former A-10 fuel cell and corrosion control facility is not sized for and does not support the C-130 aircraft. The fuel cell and corrosion control facility cannot be modified to accommodate the significantly larger C-130, both because of comparative aircraft size and that removal/relocation of load bearing walls is not feasible. By a separate project, the A-10 fuel cell and corrosion control facility will be converted into an aerial

-					
1. COMPONENT		2. DATE			
	FY 2015 MILITARY CONSTRUCTION PROJECT DA	ATA			
ANG	(computer generated)	March 2014			
3. INSTALLATION AND LOCATION					
BRADLEY INTERNATIONAL AIRPORT, CONNECTICUT					
5. PROJECT TITLE		7. PROJECT NUMBER			

port training facility supporting C-130 operations. The first C-130s arrived in September 2013. Until the new facility is constructed, the 103rd Airlift Wing will function with work-arounds which include using the existing A-10 facilities to the extent possible to support some outdoor maintenance activities. Aircraft will have to be flown to an alternate installation to execute the more complex maintenance tasks which require covered, climate controlled, work space.

CONSTRUCT C-130 FUEL CELL AND CORROSION CONTROL FACILITY

<u>IMPACT IF NOT PROVIDED</u>: The unit will not have a proper facility in which to perform fuel cell maintenance and repair activities. Inability to accomplish this work will degrade mission effectiveness and reduce readiness. To the extent possible, inappropriately configured A-10 fighter facilities will be used in an attempt to maintain a state-of-the-art airlift aircraft, leading to cost consuming work-arounds to include extended periods of travel and temporary duty for maintenance personnel to travel to a compatible fuel cell facility location for most of the maintenance operations. The minimum travel time is a 3 hour round-trip, which adds manhours to maintenance activities and reduces mission capable rates. Mission execution and training will be conducted in an inefficient and ineffective manner and the former A-10 facilities would not be able to be converted for reuse as training facilities.

<u>ADDITIONAL</u>: 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, although preliminary analysis indicates new construction to be the most cost effective solution.

CatCode	Requirement	Adequate	Substandard
211-179 FUEL SYSTEM MAINTENANCE DOCK	2,165 SM	0 SM	0 SM
211-159 AIRCRAFT CORROSION CONTROL	427 SM	0 SM	0 SM
211-179 FUEL CELL SHOP AREA	158 SM	0 SM	0 SM

FUEL CELL/CORROSION HANGAR (211-179)2,165 SM = 23,300 SF FUEL CELL SHOP AREA 158 SM = 1,700 SF CORROSION CONTROL SHOP AREA (211-159) 427 SM = 4,600 SF CEKT139004

. C	OMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DA (computer generated)	ATA 2. DATE
	ANG	(computer generated)	March 2014
		AND LOCATION ATIONAL AIRPORT, CONNECTICUT	
PR	OJECT TITLE		7. PROJECT NUMBER
ON	STRUCT C-130 I	FUEL CELL AND CORROSION CONTROL FACILITY	CEKT139004
	SUPPLEMENTA	AL DATA:	
a.	Estimated Design	n Data:	
	(1) Status:		
		esign Started	APR 2013
		tric Cost Estimates used to develop costs	No
		Complete as of Jan 2014	35%
	* (d) Date 35		JAN 2014
		esign Complete	JUL 2014
		Design Contract	
	(g) Energy	Study/Life-Cycle analysis was/will be performed	YES
	(2) Basis:		
		d or Definitive Design -	No
	(b) Where I	Design Was Most Recently Used -	
	(3) Total Cost (c	(c) = (a) + (b) or (d) + (e):	(\$000)
	(a) Producti	ion of Plans and Specifications	900
		er Design Costs	300
	(c) Total		1,200
	(d) Contrac	t	1,200
	(e) In-Hous		,
	(4) Contract Aw	vard (Month/Year)	JAN 2015
	(5) Construction	ı Start	APR 2015
	(6) Construction	1 Completion	OCT 2016
		completion of Project Definition with Parametric Cost Estimatelle to traditional 35% design to ensure valid scope and cost and	
1.	Fauinment associ	ated with this project will be provided from other appropriatio	ons: N/A

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

1. COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA 2. DATE				2. DATE		
		(compr	uter generat	ed)			
ANG							March 2014
3. INSTALLATION	AND 1	LOCATION			PROJECT		
							TED AIRCRAFT
		IONAL AIRPORT, IOWA					BEDDOWN
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJEC	CT COST(\$000)
53218F		141-753	FFA	AN1390	10		\$8,993
		9. COST	ESTIMATI	ES			
						UNIT	COST
		ITEM		U/M	QUANTIT	Y COST	(\$000)
RPA/MCE AND TA	RGET	ING GROUP BEDDOWN	1	SM	3,094		6,041
CONVERT FOR F	RPA S	QUAD OPS (141-754)		SM	1,329	1,830	\ ' '
CONVERT FOR T	CARG	ETING (141-753)		SM	1,765	2,04	5 (3,609)
SUPPORTING FACT	LITIE	ES					1,800
UTILITIES				LS	1	680,00	- (/
PASSIVE FORCE				LS	1	70,00	` ′
	RATO	R / UPS SUPPORT		LS	1	150,00	` /
PAVEMENT				LS	1	500,00	` '
COMMUNICATION				LS	1	400,00	` /
SUSTAINABILITY AND ENERGY MEASURES			SM	3,094	10	· <u></u>	
SUBTOTAL							8,175
CONTINGENCY (5%)							409
TOTAL CONTRACT COST							8,584
SUPERVISION, INSPECTION AND OVERHEAD (6%)						515	
TOTAL REQUEST						9,099	
TOTAL REQUEST (KOUI	NDED)					8,993

10. Description of Proposed Construction: Convert Building 430 to support Remotely Piloted Aircraft/Mission Control Element and Intelligence Targeting Group operations 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. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. Special Construction Requirements: Secure Compartmentalized Information Facility (SCIF); Provide automatic transfer switch for mobile standby power generator and connection for user-provided Uninterruptible Power Supply (UPS), security alarms, and specialty communication support. Parking pavement will be removed and relocated as needed to support Antiterrorism/Force Protection requirements. Air Conditioning: 770 KW.

11. REQUIREMENT: 3,094 SM ADEQUATE: 0 SM SUBSTANDARD: 3,094 SM PROJECT: Renovate Building 430 for RPA and Intelligence Targeting Group (New Mission) REQUIREMENT: Des Moines Air Guard Station has been selected as a beddown site for a Remotely Piloted Aircraft Mission Control Element (RPA/MCE) unit along with an Intelligence Targeting Group. The installation requires a properly sized and configured facility to support an RPA Squadron Operations area, and a RPA Crew Readiness area. The mission requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include Non-Secure Internet Protocol Router Network (NIPRNET), SECRET Internet Protocol Router Network (SIPRNET) Joint Worldwide Intelligence Communications System (JWICS), Defense Switched Network (DSN) and video-link capabilities. All RPA operations facilities require redundant communications connectivity which will require extension and looping of communications lines and switches. The RPA portion of the project supports 213 personnel and the Intel Targeting portion supports 206 personnel. The Intelligence Targeting area includes Secure Compartmental Information Facility (SCIF) requirements which will support the Cyberspace mission. Functional spaces include administration, communications shop and storage, secure operations floor space, and

1. COMPONENT		2. DATE		
	FY 2015 MILITARY CONSTRUCTION PROJECT D	ATA		
ANG	(computer generated)	March 2014		
3. INSTALLATION AND LOCATION				
DES MOINES INTERNATIONAL AIRPORT, IOWA				
5. PROJECT TITLE	7. PROJECT NUMBER			
NDAA: REMOTELY	FFAN139010			

SCIF areas. The project will include all associated utilities and communication requirements. The project will include the support stucture for the uninterruptible power system and the support infrastructure and purchase of a generator for the mission critical aspects of the building. CURRENT SITUATION: In FY13 the installation loses its 24 Primary Aircraft Authorized (PAA) F-16 mission and converts to an Intelligence Targeting Group and a RPA/MCE unit as well as an Air Operations Group (AOG). The installation is configured to support fighter aircraft and requires significant renovation work to convert the installation to the security and operational support needed for the new RPA and targeting missions. The building also does not have the required communications, security systems or back up and standby power which are required to support the new missions. Facility conversion for the AOG will be accomplished at a later date/project.

IMPACT IF NOT PROVIDED: Unable to reach Full Operational Capability. RPA/MCE and Intelligence Targeting will beddown in inadequate facilities designed for initial operational capability only or for fighter aircraft resulting in additional risk of operational security breach and potential loss of classified information. No existing facility is adequatly configured to fully accommodate the mission within the conversion timeline. High cost in communications requirements and special infrastructure make it prudent to install this unit in a properly located and properly configured facility. Improperly organized infrastructure for temporary use will be expensive and may create even greater challenges when a proper facility can be constructed. Mission training will be significantly hindered along with the Air Force ability to meet the requirement to provide 2 orbits with the capability to surge additional mission orbits as tasked.

ADDITIONAL: 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. An initial economic analysis study was conducted showing the co-located solution to be the most economical solution. 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.

CatCode	Requirement	Adequate	Substandard
141-753 SQUADRON OPERATIONS	1,143 SM	0 SM	1,143 SM
131-111 TELECOMMUNICATIONS FACILITY	186 SM	0 SM	186 SM
141-454 INTELLIGENCE TARGETING GROUP	1,765 SM	0 SM	1,765 SM

CONVERT FOR RPA SQUAD OPS (141-754) 1,329 SM = 14,300 SF CONVERT FOR TARGETING (141-753) 1,765 SM = 19,000 SF

BEDDOWN

. COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DA	TA 2. DATE
	(computer generated)	
ANG		March 2014
. INSTALLATION A DES MOINES INTER	AND LOCATION ENATIONAL AIRPORT, IOWA	
. PROJECT TITLE		7. PROJECT NUMBER
EMOTELY PILOTE	D AIRCRAFT AND TARGETING GROUP BEDDOWN	FFAN139010
. SUPPLEMENT	AL DATA:	
a. Estimated Desig	n Data:	
(1) Status:	or and a second	SED 2012
	esign Started tric Cost Estimates used to develop costs	SEP 2013 YES
	Complete as of Jan 2014	35%
* (d) Date 35		DEC 2013
	esign Complete	AUG 2014
	Design Contract	
	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	d or Definitive Design -	No
(b) Where	Design Was Most Recently Used -	
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	ion of Plans and Specifications	713
(b) All Oth	er Design Costs	80
(c) Total		793
(d) Contrac (e) In-Hous		793
(4) Contract Av	vard (Month/Year)	MAR 2015
(5) Construction	ı Start	MAR 2015
(6) Construction	n Completion	OCT 2016
	completion of Project Definition with Parametric Cost Estimate ble to traditional 35% design to ensure valid scope and cost and	
b. Equipment associ	ated with this project will be provided from other appropriation	ns: N/A

POINT OF CONTACT: MAJOR MIKE MIHALIK (240) 612-7663

1 COMPONENT		EV 2015 MIL ITADY CO	NOTRICT	ON DD	OIECT DA	т.	2	DATE
1. COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			.IA	2.	DATE		
ANG		(comp	uter generat	eu)			Ma	rch 2014
3. INSTALLATION A	AND	LOCATION		4. F	PROJECT	ritle.	1710	2011
3. HABITELETHON	1112	Boermon		1. 1	ROJECT	IIIDD		
W. K. KELLOGG AIRPORT, MICHIGAN			RPA B	EDDOWN	ſ			
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER			/IBER	8. PROJE	ECT	COST(\$000)		
53218F		141-753	MBMV129060				\$6,	,000
		9. COST	ESTIMAT	ES				
						UNI	Γ	COST
		ITEM		U/M	QUANTIT	Y COS'	Τ	(\$000)
CONVERT LRS FOR				SM	2,499			4,573
		X FOR RPA OPERATIO	NS	SM	2,499	1,8	30	(4,573)
SUPPORTING FACI	LITIE	ES						717
UTILITIES		_		LS				(101)
SITE IMPROVEM				LS				(15)
		OR/POWER SUPPLY		LS				(351)
COMMUNICATIO				LS				(250)
	AND .	ENERGY MEASURES		LS				101 201
SUBTOTAL								5,391
CONTINGENCY (5%)							270	
TOTAL CONTRACT COST							5,661	
	PECT	TION AND OVERHEAD	(6%)					339
TOTAL REQUEST	DOIT	IDED)						6,000
TOTAL REQUEST (KUUI	NDED)						6,000

10. Description of Proposed Construction: Convert the existing Logistics Readiness Squadron (LRS) complex and reconfigure to support a Remotely Piloted Aircraft (RPA) Ground Control Operations Center facility utilizing conventional design and construction methods to accommodate the new mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. The result 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); interior will be configured for open-office workspaces divided by demountable systemsfurniture style partitions; facility will be prewired to support systems furniture and necessary supporting utilities. Provide backup electrical generator and connections for user-provided Uninterruptible Power Supply (UPS). Install raised flooring and communication requirements as required.

Air Conditioning: 175 KW.

11. REQUIREMENT: 2,499 SM ADEQUATE: 0 SM SUBSTANDARD: 2,963 SM PROJECT: Convert LRS Complex for RPA (New Mission).

REQUIREMENT: Battle Creek Air Guard Base has been selected as a beddown site for a RPA Remote Split Operations (RPA/RSO) unit. The installation requires a properly sized and configured facility to support up to three Ground Control Stations (GCS), two permanent and one deployable; an RPA Mission Control Element (MCE), a Primary Predator Satellite Link (PPSL) location, an RPA Squadron Operations area, an RPA Flight Simulator area, an RPA Crew Readiness area and a Command Post. The mission requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include Non-Secure Internet Protocol Router Network (NIPRNET), SECRET Internet Protocol Router Network (SIPRNET) Joint Worldwide Intelligence Communications System (JWICS), Defense Switched Network (DSN) and video-link capabilities. Mission Control Element spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical SCIF function. All RPA

1. COMPONENT		2. DATE
	FY 2015 MILITARY CONSTRUCTION PROJECT DA	TA
ANG	(computer generated)	March 2014
3. INSTALLATION	AND LOCATION	
W. K. KELLOGG AI	RPORT, MICHIGAN	
5. PROJECT TITLE		7. PROJECT NUMBER
RPA BEDDOWN		MBMV129060

operations facilities require redundant communications connectivity which will require extension and looping of communications lines and switches.

<u>CURRENT SITUATION</u>: The LRS complex provides the best final operational solution for the RPA mission but is configured to support fighter aircraft and not RPA operations. The selected LRS complex requires significant conversion work to adapt the space to the security and operational space of the RPA mission. The facilities do not have the required communications and security systems. The interior room configuration is not compatible with the RPA mission and the building does not have the required back up and standby power. LRS functions will be relocated to another facility under a separate project.

IMPACT IF NOT PROVIDED: RPA/RSO system beddown can not occur by the required initial operational capability and full operational capability dates. No existing facility can accommodate the mission within this timeline. Communication support cannot be provided to any other existing or non-existing facility in the time required. Forced use of existing facilities without appropriate conversion/reconfiguration would not accommodate mission requirements and would result in security violations due to the high sensitivity of this mission. The Air Force will not be able to meet the requirement to provide 65 combat air patrols.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with installation development plan principles. Antiterrorism/Force Protection requirements have been considered in the development of 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. 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, and conversion, but preliminary analysis indicates that conversion of this existing complex is the most economical solution.

CatCode	Requirement	Adequate	Substandard
141-753 SQUADRON OPERATIONS	1,143 SM	0 SM	607 SM
149-511 PILOTLESS AIRCRAFT GUIDANCE ST	1,003 SM	0 SM	2,012 SM
171-212 FLIGHT SIMULATOR TRAINING	167 SM	0 SM	158 SM
131-111 TELECOMMUNICATIONS FACILITY	186 SM	0 SM	186 SM

REPAIR LRS COMPLEX FOR RPA OPERATIONS 2,499 SM = 26,900 SF

. COMPON	FY 2015 MILITARY CONSTRUCTION (computer generated)	
ANG		March 2014
	ATION AND LOCATION OGG AIRPORT, MICHIGAN	
PROJECT		7. PROJECT NUMBER
PA BEDDO	OWN	MBMV129060
. SUPPL	EMENTAL DATA:	
a. Estimat	ted Design Data:	
(1) Sta		
	Date Design Started	SEP 2013
	Parametric Cost Estimates used to develop costs	YES
	Percent Complete as of Jan 14	35%
	Date 35% Designed	DEC 2013
	Date Design Complete	AUG 2014
	Type of Design Contract	
(g)	Energy Study/Life-Cycle analysis was/will be perform	ned No
(2) Bas		N
	Standard or Definitive Design - Where Design Was Most Recently Used -	No
	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
(a)	Production of Plans and Specifications	470
(b)	All Other Design Costs	52
(c)	Total	522
	Contract	522
(e)	In-House	
(4) Co	ntract Award (Month/Year)	MAR 2015
(5) Co	nstruction Start	MAR 2015
(6) Co	nstruction Completion	OCT 2016
	ndicates completion of Project Definition with Parametr comparable to traditional 35% design to ensure valid sco	
b. Equipme	ent associated with this project will be provided from oth	ner appropriations: N/A

POINT OF CONTACT: John Scanlon (240) 612-8083

1 COMPONENT		EV 2015 MILITEADY CO.	NOTEDLICTI	ON DD	OIECE DA	TD 4	1 2	DATE
1. COMPONENT		FY 2015 MILITARY CO			OJECT DA	IΑ	2.	DATE
ANG		(comp	uter generate	ea)			Ma	rch 2014
	AND LOCATION 4. PROJECT TITLE			DIGDY TO	IVI	IICII 2014		
3. INSTALLATION A					1100201			
	NAL	TRADEPORT ANG, NE	W		A ADAL F	UEL CEL	LL B	UILDING
HAMPSHIRE				253				
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJEC	CT NUN	/IBER	8. PROJI	ECT	COST(\$000)
51413F		211-179	SZC	CQ1399	01		\$16	5,800
		9. COST	ESTIMATE	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
ADD TO AND ALTER	R FU	JEL CELL		SM	4,468			13,711
CONSTRUCT ADD	ITIC	ON		SM	1,764	3,7	714	(6,551)
REPAIR FUEL CEL	L			SM	2,704	2,6	548	(7,160)
SUPPORTING FACIL	ITIE	ES						1,200
PAVEMENTS				LS				(1,200)
SUSTAINABILITY A	ND I	ENERGY MEASURES		LS				330
SUBTOTAL								15,241
CONTINGENCY (5%))							762
TOTAL CONTRACT COST							16,003	
SUPERVISION, INSP	ECT	TON AND OVERHEAD ((6%)					960
TOTAL REQUEST								16,963
TOTAL REQUEST (R	OU1	NDED)						16,800

10. Description of Proposed Construction: Construct an addition to and repair the existing fuel cell building utilizing conventional design and construction methods to accommodate the mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. 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. Repair supporting utilities, infrastructure and pavements/airfield pavements. Air Conditioning: 525 KW.

11. REQUIREMENT: 4,468 SM ADEQUATE: 0 SM SUBSTANDARD: 2,704 SM PROJECT: KC-46A Add/Alter Fuel Cell (New Mission)

<u>REQUIREMENT</u>: An adequate facility properly sized and configured to house a KC-46A fuel cell. The Air Force has not designated an operational base for the first Air National Guard KC-46A tanker aircraft squadron beddown. The first aircraft are expected to be delivered in the third quarter of FY17. The fuel cell hangar will allow inspections and in-tank maintenance tasks, requiring aircraft to be in a controlled environment to satisfy safety, environment and fuel contamination control requirements. The facility should be operational prior to delivery of the first aircraft.

<u>CURRENT SITUATION</u>: The KC-46A is a new aircraft replacing the KC-135. Existing KC-135 facilities cannot effectively fully enclose this new weapon system due to its larger airframe. These facilities are undersized, and lack the required environmental controls.

<u>IMPACT IF NOT PROVIDED</u>: Without this facility the ANG will not be able to provide required and essential fuel cell and corrosion control maintenance operations for the new KC-46A aircraft. The lack of adequate maintenance facilities increase the potential for significant degradation of mission readiness and performance. There are no other facilities or cost-effective workarounds available to accommodate this requirement to support the new mission.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084 "Facility Requirements" and the KC-46A Facility Requirements Plan. An analysis of reasonable alternatives to meet this requirement (status quo, renovation, new construction) will be accomplished after the basing decision is final, however no other solutions are expected to be cost effective. A certificate of exception will be prepared. Sustainable principles will be integrated into design, development, and construction of the project in accordance with Executive Order 13423, 10 USC

1. 001 001 001				2 DATE:
1. COMPONENT	FY 2015 MILITARY CONST	FRUCTION PROJECT DA	AТА	2. DATE
ANG	(computer	generated)		March 2014
3. INSTALLATION A	AND LOCATION			
PEASE INTERNATIO	ONAL TRADEPORT ANG, NEW H	HAMPSHIRE		
5. PROJECT TITLE		·	7. PROJE	ECT NUMBER
VC 464 ADAI EHEL	CELL DUILDING 252		0.5	ZCO120001
	CELL BUILDING 253 her applicable laws and Executive	ve orders. This space ca		CCQ139901 ov other airframe
	pasis"; however, the scope of the			
CatCode		Requirement	Adequate	Substandard
	SYSTEM MAINTENANCE DO		0 SM	2,704 SM
CONSTRUCT EYE	EBROW 1.7	764 SM = 18,985 SF		
REPAIR FUEL CEI	*	704 SM = 16,563 SF 704 SM = 29,103 SF		

COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	M 1 2014
ANG INSTALLATION	AND LOCATION	March 2014
	ONAL TRADEPORT ANG, NEW HAMPSHIRE	
PROJECT TITLE	77	PROJECT NUMBER
	CELL BUILDING 253	PROJECT NUMBER
		SZCQ139901
SUPPLEMENT	AL DATA:	
a. Estimated Design	gn Data:	
(1) Status:		GTD 2012
	esign Started	SEP 2013 YES
	tric Cost Estimates used to develop costs Complete as of Jan 14	35%
* (d) Date 35		DEC 2013
	esign Complete	AUG 2014
	Design Contract	7100 2011
	Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:		
	rd or Definitive Design -	No
(b) Where	Design Was Most Recently Used -	
(3) Total Cost ((c) = (a) + (b) or (d) + (e):	(\$000)
	tion of Plans and Specifications	1,479
(b) All Oth	ner Design Costs	0
(c) Total		1,479
(d) Contra		1,479
(e) In-Hou	se	
(4) Contract Av	ward (Month/Year)	MAR 2015
(5) Constructio	n Start	MAR 2015
(6) Construction	n Completion	OCT 2017
	completion of Project Definition with Parametric Cost Estimate whole to traditional 35% design to ensure valid scope and cost and exe	
h Equipment assoc	iated with this project will be provided from other appropriations:	N/A

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

1. COMPONENT		FY 2015 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	TA	2.	DATE
		(comp	uter generate	d)				
ANG							Ma	arch 2014
or in the first that the description that the second of th			4. I	PROJECT	ΓITLE			
PEASE INTERNATIONAL TRADEPORT ANG, NEW K			KC-46	A ADAL N	MAINT H	ANC	GAR	
HAMPSHIRE			BUILI	DING 254				
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUN	/IBER	8. PROJ	ECT	COST(\$000)
51413F		211-111	SZC	Q1399	04		\$18	3,002
		9. COST	ESTIMATE	S				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
ADAL MAINT HAN	IGAR			SM	9,379			14,998
CONSTRUCT EY	EBRO)W		SM	1,764	3,3	391	(5,982)
REPAIR MAINT	HANC	SAR		SM	7,615	1,1	184	(9,016)
SUPPORTING FAC	ILITIE	ES						1,000
PAVEMENTS				LS				(1,000)
SUSTAINABILTY A	AND E	ENERGY MEASURES		LS				360
SUSTAINABILT	Y ANI	D ENERGY MEASURES		LS				(360)
SUBTOTAL								16,358
CONTINGENCY (59	%)							818
TOTAL CONTRACT COST							17,176	
SUPERVISION, INSPECTION AND OVERHEAD (6%)							1,030	
TOTAL REQUEST								18,206
TOTAL REQUEST	(ROUI	NDED)						18,002
				1	1	1		1

10. Description of Proposed Construction: Construct an addition to and repair the existing Maintenance Hangar building utilizing conventional design and construction methods to accommodate the mission of the facility. The facility will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. 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. Repair supporting utilities, infrastructure and pavements/airfield pavements. Alter space for aircraft composites shop.

Air Conditioning: 525 KW.

11. REQUIREMENT: 9,379 SM ADEQUATE: 0 SM SUBSTANDARD: 7,615 SM PROJECT: KC-46A ADAL Maint Hangar (New Mission)

<u>REQUIREMENT</u>: An adequate facility properly sized and configured to house a KC-46A maintenance hangar. The Air Force has not designated an operational base for the first Air National Guard KC-46A tanker aircraft squadron beddown. The first aircraft are expected to be delivered in the third quarter of FY17. The maintenance hangar will allow inspections and maintenance tasks, requiring aircraft to be in a controlled environment to satisfy safety, environment and technical order considerations. The facility should be operational prior to delivery of the first aircraft.

<u>CURRENT SITUATION</u>: The KC-46A is a new aircraft replacing the KC-135. Existing KC-135 facilities cannot effectively fully enclose this new weapons system due to its larger airframe. These facilities are undersized, and lack the required environmental controls.

IMPACT IF NOT PROVIDED: Without this facility the Air National Guard will not be able to provide required and essential aircraft maintenance operations for the new KC-46A aircraft. The lack of adequate maintenance facilities increase the potential for significant degradation of mission readiness and performance. There are no other facilities or cost-effective workarounds available to accommodate this requirement to support the new mission.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084 "Facility Requirements" and the KC-46A Facility Requirements Plan. An analysis of reasonable alternatives to meet this requirement (status quo, renovation, new construction) will be accomplished after the basing decision is final, however no other solutions are expected to be cost effective. A

. COMPONENT					2. DATE
ANG	FY 2015 MILITARY			DATA	March 2014
. INSTALLATION A		omputer gener	aicu)		iviaicii 2014
<u>'EASE INTERNATIO</u> . PROJECT TITLE	ONAL TRADEPORT ANG	, NEW HAMF	PSHIRE	7 DDOII	ECT NUMBER
. FROJECT TITLE				7. FROJI	ECI NUMBER
	NT HANGAR BUILDING				ZCQ139904
development, and co 2802(c), and other a	ion will be prepared. Sust construction of the project pplicable laws and Execu is"; however, the scope o	in accordancutive orders.	e with Executive This space can be	Order 1342 e used by of	23, 10 USC her airframes o
CatCode 211-111 AIRCR	AFT MAINTENANCE I	HANGAR	Requirement 9,379 SM	Adequate 0 SM	
CONSTRUCT EYE REPAIR MAINT H			M = 18,985 SF M = 81,965 SF		

. CO	MPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
	ANG	(computer generated)	March 2014
		ND LOCATION NAL TRADEPORT ANG, NEW HAMPSHIRE	1
DD/	DJECT TITLE	7	PROJECT NUMBER
		T HANGAR BUILDING 254	PROJECT NUMBER
			SZCQ139904
	SUPPLEMENTA	AL DATA:	
a.	Estimated Design	n Data:	
	(1) Status:		GED 2012
	(a) Date De	ric Cost Estimates used to develop costs	SEP 2013 YES
		Complete as of Jan 2014	35%
	* (d) Date 359		DEC 2013
		sign Complete	AUG 2014
		Design Contract	IDIQ
	(g) Energy S	Study/Life-Cycle analysis was/will be performed	No
	(2) Basis:		
		l or Definitive Design - Design Was Most Recently Used -	No
	(3) Total Cost (c	(a) = (a) + (b) or (d) + (e):	(\$000)
		on of Plans and Specifications	1,705
		er Design Costs	0
	(c) Total	2008.	1,705
	(d) Contract	t	1,705
	(e) In-House		,,,,,
	(4) Contract Aw	ard (Month/Year)	MAR 2015
	(5) Construction	Start	MAR 2015
	(6) Construction	Completion	OCT 2017
		completion of Project Definition with Parametric Cost Estimate where the totraditional 35% design to ensure valid scope and cost and execute the cost and ex	
	auinment essecie	ated with this project will be provided from other appropriations:	N/A

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

1 COMPONENT		EV 2015 MILITARY CO	NUTTO	ON DD	OTEGE D.	TT 4	1 2	D. A. EEE
1. COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2.	DATE			
ANG		(comp	uter generate	ea)			Mo	rob 2014
			4. F	March 2014				
			w		Thorse Tires			
,				KC-46A ADAL AIRFIELD PAVEMENTS & HYDRANT SYSTEMS				
5. PROGRAM ELEM	FNT	6. CATEGORY CODE	7 PROJEC		T NUMBER 8. PROJECT COST(\$000)			
J. I ROOKAWI EELW	LLIVI	0. CATLOOKT CODE	7. I ROJEC	J1 1101	IDLK	0. I KOJ	LCI	COST (\$000)
51413F		113-321	SZC	CQ1399	CQ139905		\$7,100	
		9. COST	ESTIMATE	ES				
						UNI	Т	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
ADAL AF PAVEMI	ENTS (& HYDRANTS		SM	11,855			6,056
		AVEMENT (113-321)		SM	3,213		114	(366)
NEW CONCRETE PAVEMENT (113-321)		SM	6,534		132	(862)		
NEW ASPHALT PAVEMENT (113-321)			SM	2,108		108	(228)	
RESTRIPE APRON (113-321)			LS				(200)	
REPLACE HYDRANT SYSTEM (8) (121-122)			LS				(4,400)	
SUPPORTING FACILITIES		LS				350		
SUSTAINABILITY AND ENERGY MEASURES		LS				(250)		
SUPORTING FACILITIES		LS				(100)		
SUBTOTAL CONTINCENCY (50()						6,406 320		
CONTINGENCY (5%) TOTAL CONTRACT COST						6,726		
SUPERVISION, INSPECTION AND OVERHEAD (6%)						403		
TOTAL REQUEST						7,129		
TOTAL REQUEST	(ROUI	NDED)						7,100
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,	,						.,

10. Description of Proposed Construction: Construct additions to and alter existing airfield pavements and hydrant systems to accommodate the KC-46A. Facility will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. The pavements and hydrant system 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. Repair supporting utilities, infrastructure and pavements. Alter hydrant system for 8 fuel pits and hydrants, mark pavements and install required grounding points.

11. REQUIREMENT: 2,165 SM ADEQUATE: 0 SM SUBSTANDARD: 735 SM PROJECT: KC-46A Add/Alter Airfield Pavements and Fuel Hydrants (New Mission)

REQUIREMENT: An adequate facility properly sized and configured to accommodate KC-46A operations. The Air Force has not designated an operational base for the first Air National Guard KC-46A tanker aircraft squadron beddown. The first aircraft are expected to be delivered in the third quarter of FY17. Airfield pavement and hydrant systems allow uninterrupted operational support for KC-46A missions. The facility should be operational prior to delivery of the first aircraft.

<u>CURRENT SITUATION</u>: The KC-46A is a new aircraft replacing the KC-135. Existing KC-135 facilities and pavements cannot effectively support this new weapon system. Pavements and hydrant locations are not adequate due to the larger size of the KC-46A airframe.

<u>IMPACT IF NOT PROVIDED</u>: Without this facility the Air National Guard will not be able to provide required parking, fueling, and ramp maintenance operations for the new KC-46A aircraft. The lack of adequate parking apron and hydrant pits increase the potential for significant degradation of mission readiness and performance. There are no other facilities or cost-effective workarounds available to accommodate this requirement to support the new mission.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084 "Facility Requirements" and the KC-46A Facility Requirements Plan. An analysis of reasonable alternatives to meet this requirement (status quo, renovation, new construction) will be accomplished after the basing decision is final, however initial analysis indicates that no other solutions are expected

1. COMPONENT				2. DATE
ANG		NSTRUCTION PROJECT DA outer generated)	ATA	March 2014
3. INSTALLATION A		dici generated)		March 2014
<u>PEASE INTERNATIO</u> 5. PROJECT TITLE	ONAL TRADEPORT ANG, NE	W HAMPSHIRE	7 DDOI	ECT NUMBER
). PROJECT TITLE			7. PROJI	ECI NUMBER
	IELD PAVEMENTS & HYDRA			ZCQ139905
	A certificate of exception w	* *	•	
	gn, development, and constructions (c), and other applicable law			
	in as "available basis"; howev			
requirements.	ir us u variable busis , no we	or, and scope or and project	15 04500	
-				
0.01		D :	A 1	G 1 4 1
CatCode 113-321 APRON	J	Requirement 2,165 SM	Adequate 0 SM	
113-321 AI KOI	•	2,103 5101	U SIVI	755 51
	TE PAVEMENT (113-321)	650 SM = 778 SY		
	PAVEMENT (113-321) AVEMENT (113-321)	1,301 SM = 1,556 SY 120 SM = 144 SY		
NEW ASIIMETT	(113-321)	120 5141 – 144 5 1		

. CC	OMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	A 2. DATE
ANG			
		ND LOCATION NAL TRADEPORT ANG, NEW HAMPSHIRE	·
PRO	OJECT TITLE	15	7. PROJECT NUMBER
C-46A ADAL AIRFIELD PAVEMENTS & HYDRANT SYSTEMS			
			SZCQ139905
	SUPPLEMENTA	AL DATA:	
ì.	Estimated Design	n Data:	
	(1) Status: (a) Date De	ocian Startad	SEP 2013
		ric Cost Estimates used to develop costs	YES
		Complete as of Jan 0	35%
	* (d) Date 359		DEC 2013
		sign Complete	AUG 2014
		Design Contract	
		Study/Life-Cycle analysis was/will be performed	No
	(2) Basis:		
		d or Definitive Design - Design Was Most Recently Used -	No
	(3) Total Cost (c	(c) = (a) + (b) or (d) + (e):	(\$000)
		on of Plans and Specifications	505
		er Design Costs	0
	(c) Total		505
	(d) Contract		505
	(e) In-House	e	
	(4) Contract Aw	ard (Month/Year)	MAR 2015
	(5) Construction	Start	MAR 2015
	(6) Construction	Completion	OCT 2017
		completion of Project Definition with Parametric Cost Estimate valle to traditional 35% design to ensure valid scope and cost and e	
_	Zavimmont oggodi	ated with this project will be provided from other appropriations	: N/A

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

1. COMPONENT		FY 2015 MILITARY CO			OJECT DA	TA	2.	DATE
ANG		(comp	uter generat	ed)			Ma	arch 2014
111,0	LAND I	COLUMN	1	4 T	DOLECTI		IVI	ircn 2014
3. INSTALLATION A	AND I	LOCATION		4. F	PROJECT	IIILE		
HORSHAM AGS, PENNSYLVANIA			DDA C	PERATIO	NC CENT	тЕD		
5. PROGRAM ELEMI		6. CATEGORY CODE	7. PROJEC					COST(\$000)
5. PROGRAM ELEMI	ZINI	6. CATEGORY CODE	7. PROJEC	_I NUN	IBEK	8. PKOJI	ECI	COST(\$000)
53218F		149-511	ZAV	AWA159061			\$5,662	
		9. COST	ESTIMATI	ES				
						UNI	T	COST
		ITEM		U/M	QUANTIT	Y COS	T	(\$000)
ALTER PREDATOR	OPE	RATIONS CENTER FAC	ILITY	SM	2,631			4,417
ALTER OPERATION	ONS	CENTER		SM	2,631	1,6	579	(4,417)
SUPPORTING FACILITIES							672	
UTILITIES			LS				(99)	
PAVEMENTS			LS				(10)	
SITE IMPROVEMENTS			LS				(15)	
STANDBY GENERATOR/POWER SUPPLY			LS				(297)	
PASSIVE FORCE PROTECTION			LS				(103)	
COMMUNICATIONS SUPPORT			LS				(148)	
SUSTAINABILITY AND ENERGY MEASURES			LS				<u>118</u>	
SUBTOTAL							5,207	
CONTINGENCY (5%)							<u>260</u>	
TOTAL CONTRACT COST							5,467	
SUPERVISION, INSPECTION AND OVERHEAD (6%)						<u>328</u>		
TOTAL REQUEST	DOID	IDED)						5,795
TOTAL REQUEST (KOUI	NDED)						5,662

10. Description of Proposed Construction: Convert existing facilities into a Remotely Piloted Aircraft (RPA) Operations Center utilizing conventional design and construction methods to accommodate the mission of the facility. Facility will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria. 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; wiring racks to accept a unit/user-provided Uninterruptible Power Supply (UPS). Install redundent HVAC. Install raised flooring as required. Air Conditioning: 350 KW.

11. REQUIREMENT: 2,415 SM ADEQUATE: 0 SM SUBSTANDARD: 2,415 SM PROJECT: Alter RPA Operations Center Facility (New Mission)

REQUIREMENT: Horsham Air National Guard station (Previously known as Willow Grove) has been selected as a beddown site for a RPA Remote Split Operations (RPA/RSO) unit. The base requires a properly sized and configured facility to support five Ground Control Stations (GCS), three permanent and two deployable; a RPA Mission Control Element (MCE), a Primary Predator Satellite Link (PPSL) location, and a RPA Squadron Operations area. The mission requires robust and redundant communications support with connectivity to two communications switches. Communications requirements include Non-Secure Internet Protocol Router Network (NIPRNET), SECRET Internet Protocol Router Network (SIPRNET) Joint Worldwide Intelligence Communications System (JWICS), Defense Switched Network (DSN), and video-link capabilities. MCE spaces include: administrative spaces, latrine facilities, minor break area, a controlled entry space, communications closet, and a critical SCIF function. All RPA facilities require redundant communications connectivity which will require extension and looping of communications lines and switches. The allocation of space within this facility is as follows: 186 SM (2,000 SF) for the base communications switch room; 186 SM (2,000 SF) for one mobile Ground Control Station (GCS); 98 SM (1,000 SF) for two fixed GCSs; 186 SM

1. COMPONENT		2. DATE
	FY 2015 MILITARY CONSTRUCTION PROJECT DA	TA
ANG	(computer generated)	March 2014
3. INSTALLATION	AND LOCATION	
HORSHAM AGS, PE	NNSYLVANIA	
5. PROJECT TITLE		7. PROJECT NUMBER
RPA OPERATIONS (CENTER	ZAWA159061

(2,000 SF) for simulator operations and training; 893 SM (9,000 SF) for the 1 plus 2 orbit MCE to support the mission operations; and 1,561 SM (10,000 SF) for squadron operations and support activities.

<u>CURRENT SITUATION</u>: The facility is correctly sited for the mission, however the facility interior requires significant work to convert the space to the security and operational space of the RPA mission. The building does not have the required communications and security systems. The interior room configuration is not compatible with the RPA mission and the building does not have the required back up and standby power.

IMPACT IF NOT PROVIDED: RPA system beddown cannot occur by the required Full Operationsal Capability date. No other existing facility can accommodate the mission within this timeline. Communication support cannot be provided to any other existing or non-existing facility in the time required. Forced use of existing facilities without appropriate conversion/reconfiguration would not accommodate mission requirements and would result in security violations due to the high sensitivity of this mission. The Air Force will not be able to meet the requirement to provide 65 combat air patrols. 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. 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. 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, and status quo operation, but preliminary analysis indicates that converison of this existing facility is the most economical solution.

CatCode Requirement Adequate Substandard 149-511 PILOTLESS AIRCRAFT GUIDANCE ST 2,415 SM 0 SM 2,415 SM

ALTER OPERATIONS CENTER 2,631 SM = 28,324 SF

. C	OMPONENT	FY 2015 MILITARY CONSTRUCTION PROJEC	TDATA	2. DATE		
(computer generated) ANG				March 2014		
	NSTALLATION .	AND LOCATION				
IOR	SHAM AGS, PE	NNSYLVANIA				
	ROJECT TITLE		7. PRO	JECT NUMBER		
₹PA	OPERATIONS (CENTER	2	ZAWA159061		
2.	SUPPLEMENT	'AL DATA:				
a.	Estimated Desig	gn Data:				
	(1) Status:					
		esign Started		AUG 2013		
		etric Cost Estimates used to develop costs		YES		
	* (d) Date 35	Complete as of Jan 2014		35% DEC 2013		
		esign Complete		AUG 2014		
		Design Contract		AUG 2014		
		Study/Life-Cycle analysis was/will be performed		YES		
	(2) Basis:					
		rd or Definitive Design -		No		
	(b) Where	Design Was Most Recently Used -				
	(3) Total Cost ((c) = (a) + (b) or (d) + (e):		(\$000)		
		tion of Plans and Specifications		425		
	(b) All Oth	er Design Costs		75		
	(c) Total			500		
	(d) Contrac (e) In-Hous			500		
	(4) Contract Av	ward (Month/Year)		MAR 2015		
	(5) Construction	n Start		MAR 2015		
	(6) Construction	n Completion		OCT 2016		
		completion of Project Definition with Parametric Cost Estable to traditional 35% design to ensure valid scope and cost		bility.		
b.	Equipment associ	iated with this project will be provided from other appropri	riations:	N/A		

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



DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2015

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN \$7,700,000

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.



l e								
1. COMPONENT	FY 2015 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						DATE	
		(computer generated)						
ANG							Ma	arch 2014
3. INSTALLATION	AND	LOCATION		4. I	PROJECT	ΓITLE		
VARIOUS LOCATIO	NS			PLAN	NING ANI	D DESIG	iΝ	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	IBER	8. PRO	JECT	COST(\$000)
52276F		999-999	PA	YZ1500	05		\$7	,700
		9. COST	ESTIMAT	ES				
						UN	IIT	COST
		ITEM		U/M	QUANTIT	Y CO	ST	(\$000)
PLANNING AND D	ESIG	N (P-313)		LS				7,700
SUBTOTAL								7,700
TOTAL CONTRACT	ΓCOS	ST						7,700
TOTAL REQUEST								7,700

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

<u>REQUIREMENT</u>: The ANG requires planning and design funds for projects that are to be included in future MILCON programs. The FY 2015 design funds are needed to complete the design for those projects that are to be included in the FY 2015 MILCON program and to begin the design for those projects to be included in the FY 2016 program. Funds also provide for design of the FY 2015 unspecified minor construction program.

<u>CURRENT SITUATION</u>: The ANG requires the design money in FY 2015 to ensure the design milestones for the FY 2015 and FY 2016 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

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



DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2015

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$8,100,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$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.



1. COMPONENT		FY 2015 MILITARY CO	NCTDIICT	ION DD	OIECT D	.т.	2	DATE
1. COMI ONENT	(computer generated)						۷.	DATE
ANG						Ma	arch 2014	
3. INSTALLATION	AND :	LOCATION		4. I	PROJECT	ΓΙΤLE		
VARIOUS LOCATIONS				UNSP	ECIFIED N	INOR C	ONS	TRUCTION
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NUN	/IBER	8. PROJ	ECT	COST(\$000)
52276F		999-999	PA	YZ1500	06		\$8,100	
		9. COST	ESTIMAT	ES				
		ITEM		U/M	QUANTIT	UNI Y COS	-	COST (\$000)
	OR C	ONSTRUCTION (P-341)		LS				8,100
SUBTOTAL TOTAL CONTRAC	r cos	T.						8,100 8,100
TOTAL CONTRAC	COS	01						8,100
TOTTE REQUEST								0,100
					l .			1

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 2014 or FY 2015, 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 2015 MILCON program and the projects cannot wait for the FY 2016 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.

<u>CURRENT SITUATION</u>: 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.

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



DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

	SECTION III	

INSTALLATION DATA

1. COMPONE		Y 2015 GUARD AND RI			2. DATE	
ANG	 TION AND LOCATION	MILITARY CONSTRUC	CTION		March 201	
3. INSTALLA	TION AND LOCATION				4. AREA C	
BRADLEY IN	TERNATIONAL AIRPO	RT, EAST GRANBY			1.1	
5. FREQUEN	CY AND TYPE OF UTIL	LIZATION		1		
Four unit traini and for training	ing assemblies per month, g.	15 days annual field train	ing per year,	daily use by tec	chnician/AC	GR force
	CTIVE/GUARD/RESERV tional Guard Installations	E INSTALLATIONS W	THIN 15 MI	LES RADIUS		
	REQUESTED IN THIS	PROGRAM: FY 2015				
CODE	DDAILAT TITL	g g g g g g		COST	DESIGN	
CODE	PROJECT TITLE	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
	Construct C-130 Fuel Cell	· · · · · · · · · · · · · · · · · · ·	(29,600 SF)	16,306	Apr 13	Jul 13
	Corrosion Control Facility					
8. STATE RE Facilities ident	SERVE FORCES FACIL ified in item 6 have been 6 The Board recommendat	ITIES BOARD RECOMP examined by the State Res	serve Forces I	Facilities Board roved 04	l for possibl Apr 13 (Date)	e joint
8. STATE RE Facilities ident use/expansion.	SERVE FORCES FACIL ified in item 6 have been of The Board recommendat	ITIES BOARD RECOMP examined by the State Res	serve Forces I	Facilities Board roved 04	4 Apr 13 (Date)	e joint
8. STATE RE Facilities ident use/expansion.	SERVE FORCES FACIL ified in item 6 have been 6	ITIES BOARD RECOMP examined by the State Res	serve Forces I	Facilities Board roved 04 (Apr 13 (Date)	-
8. STATE RE Facilities ident use/expansion. 9. LAND ACC	SERVE FORCES FACIL ified in item 6 have been 6 The Board recommendate	ITIES BOARD RECOMP examined by the State Restions are: Unilateral Cons	serve Forces I	Facilities Board roved 04 (4 Apr 13 (Date)	-
8. STATE RE Facilities ident use/expansion. 9. LAND ACC	SERVE FORCES FACIL ified in item 6 have been of The Board recommendat	ITIES BOARD RECOMP examined by the State Restions are: Unilateral Cons	serve Forces I	Facilities Board roved 04 (Apr 13 (Date)	-
8. STATE RE Facilities ident use/expansion. 9. LAND ACC	SERVE FORCES FACIL ified in item 6 have been 6 The Board recommendate	ITIES BOARD RECOMP examined by the State Resions are: Unilateral Cons	serve Forces I	Facilities Board roved 04 (A Apr 13 (Date) None ber of Acre	- s)
8. STATE RE Facilities ident use/expansion. 9. LAND ACC 10. PROJECT CATEGORY	SERVE FORCES FACIL ified in item 6 have been of The Board recommendate QUISITION REQUIRED SEPLANNED IN NEXT F	ITIES BOARD RECOMP examined by the State Resions are: Unilateral Cons FOUR YEARS	serve Forces I	Facilities Board roved 04 ((((Num	None ber of Acre 20,800 SF)	s) COST

1. COMPONENT	FY 2015 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	March 2014

3. INSTALLATION AND LOCATION

BRADLEY INTERNATIONAL AIRPORT, EAST GRANBY

11. PERSONNEL STRENGTH AS OF 10 Jun 13

	PERMANENT			G	GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	324	13	69	242	976	126	850
ACTUAL	318	12	80	226	895	97	798

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
103 Maintenance Flight	57	40
103 Airlift Wing	41	44
103 Operations Group	8	3
103 Operations Support Flight	46	29
118 Airlift Squadron	99	32
103 Maintenance Group	15	12
103 Maintenance Squadron	228	176
103 Maintenance Operations Flight	27	21
103 Mission Support Group	8	8
103 Civil Engineering Squadron	91	100
103 Communication Flight	31	41
103 Force Support Squadron	46	50
103 Logistics Readiness Squadron	124	82
103 Security Forces Squadron	74	75
103 Medical Group	51	50
103 Comptroller Flight	12	15
103 Student Flight	<u>18</u>	<u> 117</u>
TOTALS	976	895

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	AUTHORIZED	ASSIGNED
Support Equipment	180	130
Refuelers	3	3
Vehicle Equivalents	231	231
Vehicles	103	83
C-130 (8-9)	8	2

14
OUTSTAN
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ND SAFETY(OS
SHA) DEFICIENCIES FY 201
15

CATEGORY			CST	DESIGN	<u>STATUS</u>
CODE	PROJECT TITLE	SCOPE	\$(000)	START	CMPL

NONE

1. COMPONE		GUARD AND RESERVE		2. DATE	
ANG	I I	RY CONSTRUCTION		March 201	
3. INSTALLA	ATION AND LOCATION			4. AREA COST IN	
DES MOINES	SINTERNATIONAL AIRPORT, I	DES MOINES		.95	
-	CY AND TYPE OF UTILIZATIO				
secondary UTA Fuesday thru F	ning Assemblies per month, Two d A (SUTA) per month. In addition 1 Friday, 0700-1730. A smaller staff AGR force for training.	5 days of annual field train	ning days per y	ear. Daily oper	atiion
	CTIVE/GUARD/RESERVE INSTA Johnstown, Iowa (10 miles), Des M				
7. PROJECTS	S REQUESTED IN THIS PROGRA	AM: FY 2015			
CATEGORY	-		COST	DESIGN S	
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
	Remotely Piloted Aircraft and Fargeting Group Beddown	3,094 SM (33,300 S	F) 8,993	Sept 13	Aug 14
Facilities ident	SERVE FORCES FACILITIES BO	by the State Reserve Force	es Facilities Bo		e joint
Facilities ident		by the State Reserve Force	es Facilities Bo	oard for possible 01 Sep 13 (Date)	e joint
Facilities ident use/expansion.	tified in item 6 have been examined	by the State Reserve Force	es Facilities Bo	01 Sep 13 (Date)	
Facilities ident use/expansion.	tified in item 6 have been examined. The Board recommendations are: QUISITION REQUIRED	by the State Reserve Force Unilateral Construction A	es Facilities Bo	01 Sep 13 (Date)	
Facilities identuse/expansion. D. LAND ACO O. PROJECT	tified in item 6 have been examined. The Board recommendations are:	by the State Reserve Force Unilateral Construction A	es Facilities Bo	01 Sep 13 (Date)	s)
Facilities ident use/expansion. 9. LAND ACC 10. PROJECT	tified in item 6 have been examined. The Board recommendations are: QUISITION REQUIRED	by the State Reserve Force Unilateral Construction A	es Facilities Be approved	01 Sep 13 (Date)	
Facilities ident use/expansion. Hand Aco Region Project CATEGORY	Tified in item 6 have been examined. The Board recommendations are: QUISITION REQUIRED TS PLANNED IN NEXT FOUR YE	by the State Reserve Force Unilateral Construction A	es Facilities Be approved (N	01 Sep 13 (Date) None Number of Acres	COST
Facilities ident use/expansion. Hand ACC Hand ACC Hand ACC Hand ACCC Hand ACCCC Hand ACCCCC Hand ACCCCCC Hand ACCCCCCCCC Hand ACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	tified in item 6 have been examined. The Board recommendations are: QUISITION REQUIRED S PLANNED IN NEXT FOUR YE PROJECT TITLE	by the State Reserve Force Unilateral Construction A	es Facilities Be approved (N	O1 Sep 13 (Date) None Jumber of Acres	COST \$(000)

1. COMPONENT ANG			015 GUARD A LITARY CONS			2. DATI March 2	
3. INSTALLATION	J AND LOC		LITART CONS	STRUCTION	I	March 2	014
3. II (817 EE/11101	THIE LOC	7111011					
DES MOINES INTI				NES			
11. PERSONNEL S	STRENGTH	AS OF 12 J	ul 13				
		DEDM	ANIENTE		CITA	DD/DEGEDY/	г
7	TOTAL O	FFICER E	ANENT NLISTED CIV	VILIAN		<u>RD/RESERV</u> FFICER EN	
AUTHORIZED	290	33	252 <u>C13</u>	5	1,004	254	750
ACTUAL	274	29	240	5	970	142	828
12. RESERVE UNI	T DATA						
					arr.	EN COURT	
I MIT DEC	ICN ATION				<u>STR</u> AUTHORIZED	ENGTH	AT
132 WING	<u>IGNATION</u>				38	<u>ACTU</u> 38	
132 Whyo					230	200	
	cs Readines	s Squadron			42	78	
132 LRE		•			15	15	
	Support Squa				49	49	
	n Support G				8	8	
	unication Fli				30	30	
	Ingineering S y Forces Sq				42 74	45 74	
132 Securit	•	uauron			12	12	
	al Squadron				43	46	
132 DTOC	-				41	22	
132 JFHQ					31	31	
132 Studen					0	35	
132 RPAG					208	200	
132 Air Op	erational Gr	oup	TOTALS		141 1,004	<u>87</u> 970	
			TOTALS		1,004	970	
13. MAJOR EQUIP	PMENT AN	D AIRCR AF	FT				
			_				
	<u>YPE</u>			<u>AUTHO</u>	RIZED A	<u>SSIGNED</u>	
Vehicle Equivalents					84	104	
Vehicles					95	95	

<u> </u>		
DD EODM	1200c	1 DEC 76

CATEGORY

CODE

NONE

SCOPE

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2013

PROJECT TITLE

DESIGN STATUS START CMPL

CST

\$(000)

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014	
3. INSTALLATION AND LOCATION			4. AREA CONSTR COST INDEX 1.15		
5. FREQUENCY A	AIRPORT, BATTLE CREEK AND TYPE OF UTILIZATION emblies per year, 15 days annual f	ield training per year, da	ily use by techi		
	E/GUARD/RESERVE INSTALLA nard Armories, 1 Army Training C				
7. PROJECTS REQ CATEGORY CODE	UESTED IN THIS PROGRAM: PROJECT TITLE		COST \$(000)	DESIGN S	STATUS CMPL
141-753 RPA F	Beddown	2,499 SM (26,900 SF)	6,000	Sep 13	Aug 14
Facilities identified	/E FORCES FACILITIES BOAR in item 6 have been examined by t Board recommendations are: Uni	he State Reserve Forces	Facilities Board roved 2:	d for possible 5 Mar 11 (Date)	e joint
9. LAND ACQUIS	ITION REQUIRED			None	
10 PROJECTS PL	ANNED IN NEXT FOUR YEARS	<u> </u>	(Nun	nber of Acres	s)
CATEGORY <u>CODE</u>	PROJECT TITLE	,	SCOL	<u>PE</u>	COST \$(000)
	R&M Unfunded Requirement	\$14,500,000			

1. COMPONENT	FY 2015 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	March 2014

3. INSTALLATION AND LOCATION

W. K. KELLOGG AIRPORT, BATTLE CREEK

11. PERSONNEL STRENGTH AS OF 3 Sep 13

	PERMANENT			G	<u>GUARD/RESERVE</u>		
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	311	55	216	40	863	225	638
ACTUAL	269	45	186	38	886	183	703

12. RESERVE UNIT DATA

	STRE	NGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
110 Maintenance Squadron	0	97
110 Aircraft Maintenance Squadron	0	7
110 Maintenance Group	0	8
110 Comptroller Flight	12	13
110 Air Operational Group	250	239
110 Civil Engineering Squadron	93	96
110 Communication Flight	30	34
110 Medical Squadron	45	50
110 Force Support Squadron	41	41
110 Operations Support Flight	31	17
110 Operations Group	9	12
110 Security Forces Squadron	74	82
110 Mission Support Group	8	7
172 Airlift Squadron	33	30
110 Student Flight	22	0
110 Maintenance Operations Flight	0	15
110 Airlift Wing	38	37
110 Logistics Readiness Squadron	<u>42</u>	<u>71</u>
TOTALS	728	856

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
Vehicles	79	79
C-21 Aircraft	3	4
Support Equipment	159	159
Vehicle Equivalents	259	259

1
4
OUTSTANDING
POLLUTION
AND SAFETY(OSHA)
DEFICIENCIES FY 2015

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

NONE

1. COMPONENT	FY 2015 GUARD AND RESERVE	2. DATE	
ANG	MILITARY CONSTRUCTION	March 2014	
3. INSTALLATION AND LOCATION		4. AREA CONSTR	
		COST INDEX	
PEASE INTERNAT	1.12		
5 EDECLIENCY AND TYPE OF LITH IZATION			

5. FREQUENCY AND TYPE OF UTILIZATION

Four unit training assemblies per month, 15 days annual field training per year, daily use by Technician, AGR, Active Duty force and for training.

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

One (1) Army Reserve facilities, three (3) Coast Guard facilities

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2015

CATEGORY	Y		COST	DESIGN S	<u>STATUS</u>
CODE	PROJECT TITLE	SCOPE	\$(000)	START	CMPL
	<u> </u>				·
211-179	KC-46A ADAL Fuel Cell Bldg 253	4,468 SM (48,088 SF)	168000		
211-111	KC-46A ADAL Maint Hangar Bldg 254	9,379 SM (100,950 SF)	18,002		
113-321	KC-46A ADAL Airfield Pavements &	2,164 SM (2,589 SY)	7,100		
	Hydrant Systems	. , , , , ,			

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 14 Jun 12 (Date)

0 I AND ACQUISITION DECLUDED	None
9. LAND ACQUISITION REQUIRED	None
	(Number of Acres)
10 DDOIECTS DI ANNED IN NEVT EOLID VEADS	

10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE COST CODE PROJECT TITLE SCOPE \$(000) 171-212 KC-46A Install FUSELAGE TRAINER (BLD 251) 2,788 SM (30,007 SF) 1,485 171-212 KC-46A ADAL FLT SIM BLD 156 790 SM (8,499 SF) 2,768

R&M Unfunded Requirement: \$0

1. COMPONENT	FY 2015 GUARD AND RESERVE	2. DATE		
ANG	MILITARY CONSTRUCTION	March 2014		
3. INSTALLATION AND LOCATION				

PEASE INTERNATIONAL TRADEPORT ANG, PORTSMOUTH

11. PERSONNEL STRENGTH AS OF 22 Jun 12

		PER	RMANENT		G	UARD/RESI	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	483	31	224	228	1,025	156	869
ACTUAL	468	32	219	217	1,041	143	898

12. RESERVE UNIT DATA

		STRENGTH
<u>UNIT DESIGNATION</u>	AUTHORIZ	ZED ACTUAL
64 Air Refueling Squadron	128	110
157 Aircraft Maintenance Squadron	62	57
133 Air Refueling Squadron	60	60
157 Air Refueling Wing	46	46
157 Civil Engineering Squadron	93	89
157 Communication Flight	32	32
157 Comptroller Flight	12	12
157 HQ ANG	36	36
157 Maintenance Group	17	16
157 Logistics Readiness Squadron	108	101
157 Maintenance Operations Flight	22	22
157 Medical Group	98	78
157 Maintenance Squadron	162	149
157 Force Support Squadron	41	37
157 Operations Group	21	17
157 Operations Flight	22	19
157 Security Forces Squadron	74	66
157 Mission Support Group	8	10
260 Air Traffic Control Squadron	90	78
157 Student Flight	21	<u>116</u>
TOTALS	1,153	1,151

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
KC-135R Aircraft	8	9
Vehicle Equivalents	604	369
Vehicles	161	183

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AFETY(OSHA)
) DEFICIENCIES FY 2015
5

CATEGORY			CST	DESIGN STA	TUS
CODE	PROJECT TITLE	SCOPE	\$(000)	START CI	MPL

NONE

1 COMPONENT	FV 2015 C	HADD AND DECEDIE		2. DATE			
1. COMPONENT ANG		FY 2015 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION March 2014					
3. INSTALLATION	AND LOCATION	CT CONSTRUCTION		4. AREA C	ONSTR IDEX		
HORSHAM AGS, 1		*		1.1	1		
	ND TYPE OF UTILIZATION emblies per year, 15 days anno		aily use by tech	nician/AGR	force and		
	E/GUARD/RESERVE INSTA t to PA-Army Reserve, Horsha				PA		
	UESTED IN THIS PROGRA	M: FY 2015					
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	DESIGN START	STATUS CMPL		
149-511 RPA C	Operations Center	2,631 SM (28,324 SF	5,662	Aug 13	Jun 14		
Facilities identified i	TE FORCES FACILITIES BC In item 6 have been examined Board recommendations are:	by the State Reserve Forces	Facilities Boar	rd for possibl 22 Aug 10 (Date)	e joint		
9. LAND ACQUIST	TION REQUIRED			None			
7. Lind negoisi	TION REQUIRED		(Nui	(Number of Acres)			
10. PROJECTS PLA CATEGORY <u>CODE</u>	ANNED IN NEXT FOUR YE PROJECT TITLE	ARS	<u>SCO</u>	<u>PE</u>	COST \$(000)		
R&N	I Unfunded Requirement: \$0						

1. COMPONENT	FY 2015 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	March 2014

3. INSTALLATION AND LOCATION

HORSHAM AGS, PHILADELPHIA

11. PERSONNEL STRENGTH AS OF 21 Jun 12

		PER	RMANENT		G1	UARD/RESI	ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	228	40	187	1	975	95	880
ACTUAL	157	31	126	0	721	41	680

12. RESERVE UNIT DATA

	STRE	NGTH
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
111 Fighter Wing	249	42
111 Medical Squadron	34	33
111 Mission Support Group	33	33
111 MDF	52	56
111 Security Forces Squadron	63	63
111 Communication Flight	34	34
111 Force Support Squadron	43	42
201 Red Horse Squadron	200	179
270 Engineering Installation Squadron	110	106
111 Student Flight	24	34
111 Air Operational Group	<u>133</u>	<u>101</u>
TOTALS	975	723

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	ASSIGNED
270 EIS	36	35
RED Horse	77	48
Support Equipment	100	89
Vehicle Equivalents	672	672

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2015

NONE



DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

GEOGRAPA AND
SECTION IV

FUTURE YEARS DEFENSE PLAN (FYDP)

FISCAL YEAR LISTING

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

Footprint	New	New	o Existing	Existing	New	Existing	New			New	New			
Explanation of Changes	Was out of FYDP in FY14 - now Tag #2 for state	Beddown of new mission. Combined facility for 3 missions (RPA, Targeting, DGS). PA reduced for inflation RMD	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced \$800K). PA reduced for inflation RMD	New from PB14. Beddown of new mission. PA reduced due to inflation RMD	Beddown of new mission. PA reduced for inflation RMD	New from PB14. Beddown of KC-46. PA reduced for inflation RMD	Deferred from FY17 in PB14 May have 25 year lease issue. PA reduced for inflation RMD	PA reduced for inflation RMD	PA reduced for inflation RMD	was FY17 (PB14).	Defered from FY15(PB14).	PA increased by \$4.855M	PA increased by \$3.2M	
Change from FY14 PB	0	(151)	(75)	(103)	200	(32)	(117)	(69)	(115)	(200)		4,855	3,200	
Budget Amount Change from (\$000)	6,400	13,200	6,426	8,897	5,239	2,768	10,084	5,931	9,886	6,800	10,000	14,355	11,850	111,836
Facility Category Code	730-835	141-454	214-425	141-454	141-454	171-212	211-179	141-753	211-111	130-142	130-142	962-000	961-000	
Program Element Code	52276F	55208F	52276F	52672F	53117F	51413F	52276F	53218F	53230F	52276F	52276F	52276F	52276F	
Project Title	Security and Services Training Facility	NDAA Construct DGS RPA IS SCIF	Replace Vehicle Maintenance Facility	NDAA: AOG BEDDOWN - RENOVATE BUILDING 430	Intel Targeting Facilities	KC-46A ADAL FLT SIM BLD 156	Fuel Cell and Corrosion Control Hangar and Shops	Remotely Piloted Aircraft Beddown, Building 912	Medium Altitude Manned ISR Beddown	Replace Fire Station	Replace Fire Station	Unspecified Minor Construction	Planning and Design	TOTAL MAJOR CONSTRUCTION
State	AL	AR	CA	۷I	QN	Ĭ	Ŝ	λ	OK	OR	RI	۸۲	۸۲	
Installation	Birmingham International Airport	Ft Smith Municipal Airport	Moffett Federal Airfield	Des Moines International Airport	Hector International Airport	Pease International Tradeport ANG	Atlantic City International Airport	Niagara Falls International Airport	Will Rogers World Airport	Klamath Falls Airport - Kingsley Field	Quonset State Airport	Unspecified	Unspecified	
Project Number	BRKR009063	HKRZ129076	QMSN099104	FFAN139009	KKGA129066	SZCQ139903	AQRC059093	RVKQ139005	YZEU139006	KJAQ099058	TWLR039103	PAYZ160006	PAYZ160005	
APPN	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	3830	
FY	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	
Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	

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

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APPN Project Number	Project Num	ber	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount Change from (\$000) FY14 PB	Change from FY14 PB	Explanation of Changes	Footprint
3830 FAKZ059173	FAKZ059	173	Montgomery Regional Airport (ANGB)	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,129	(71)	Deferred from FY16 in FY14PB. State #1 pri. PA reduced for inflation RMD	Existing
3830 JLW S019054	JLW S01	9054	New Castle County Airport	DE	Replace Fuel Cell and Corrosion Control Hangar and Shops	52276F	211-179	11,089	(111)	Was out of FYDP in PB14. PA reduced for inflation RMD	Existing
3830 XDQU949500	XDQU8	949500	Savannah/Hiton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	9,010	(06)	Was FY16 in FY14PB. PA reduced for inflation RMD.	New
3830 VUBV	VUBV	VUBV109002	Smoky Hill ANG Range	X S	Range Training Support Facilities	52276F	171-471	2,900	(100)	Out of FVDP from FY17 (PB14).	Existing
3830 RQL	ROLI	RQLH079073	Naval Air Station Joint Reserve Base	₹	Replace Squadron Operations Facility	52276F	141-753	9,604	(96)	Was FY16 in FY14PB. PA reduced for inflation RMD	Existing
3830 FKN	A S	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	006'9	(300)	Out of FYDP from FY17 (PB14).	New
3830 FM	F	FMKM089018	Duluth International Airport	Σ Σ	Load Crew Training and Weapon Release Shops	52276F	215-552	7,623	(75)	Was FY17 in PB14. PA reduced for inflation RMD	New
3830 SZ	SZ	SZCQ139902	Pease International Tradeport ANG	ĭ	KC-46A Install FUSELAGE TRAINER (BLD 251)	51413F	171-212	1,485	(15)	New from PB14 - Beddown of KC-46. PA reduced for inflation RMD	Existing
3830 P/	4	PAYZ170006	Unspecified	۲	Unspecified Minor Construction	52276F	962-000	11,200	6,200	PA increased by \$6.2M	
3830 P/	4	PAYZ170005	Unspecified	7	Planning and Design	52276F	961-000	11,000	7,800	PA increased by \$7.8M	
					TOTAL MAJOR CONSTRUCTION			77,940			
APPN Pro	Pro	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (Change from FY14 PB	Explanation of Changes	Footprint
3830 CF	Ö	CRWU069125	Buckley Air Force Base	8	ASE Maintenance and Storage Facility	52276F	218-712	5,051	(20)	Was FY18 in FB14. PA reduced for inflation RMD	Existing
3830 CI	Ö	CEKT139042	Bradley International Airport	СТ	Construct Small Air Terminal	54332F	171-873	4,951	(49)	Support beddown of new C-130 mission. PA reduced for inflation RMD	New
3830 SAN	SAF	SAKW109201	Northwest Field-Anderson AFB	œn	RED HORSE Operational Facility	52276F	171-445	5,200	(300)	Was out of FYDP (PB14)	New
3830 JLC	OTC	JLQN049119	General Wayne A. Downing Peoria IAP (ANG)	=	Construct Fire Crash/Rescue Station	52276F	130-142	8,714	(86)	Was out of FYDP in PB14. PA reduced for inflation RMD	Existing
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Air National Guard Fiscal Years Defense Plan (FYDP) By Year

	Footprint	New	New	New	New	New				Footprint	New		New	Existing	New	New	
	Explanation of Changes	Was FY2018 (PB14).	Defered from FY16 in PB14. PA reduced for inflation NRMD	Was from FY16 (PB14).	Was FY18 in PB14. PA reduced for inflation RMD N	Was FY17 (PB14).	PA increased by \$6M	PA increased by \$10.05M		Explanation of Changes	Was FY18 (FY14PB). Previous state priotity was #1. No state pri submitted in 2015 call. No BCAMP N validation. Base not primary FD response on Airtleid.		Deferred from FY18 (PB14). PA reduced for inflation N RMD	was FY18 (PB14).	Was Out of FVDP (PB14)	Was FY18 (PB14).	
Change from	FY14 PB	0	(68)		(22)	(692)	6,000	10,050		Change from FY14 PB	(661)		(116)		(400)	(500)	
Budget Amount	(\$000)	8,000	9,011	8,300	7,328	11,500	12,000	14,950	95,005	Budget Amount (\$000)	8,839	5,500	7,084	6,600	9,200	5,400	5,600
	Category	730-835	141-753	211-152	171-445	217-712	962-000	961-000		Facility Category Code	130-142	171-475	171-445	219-944	725-517	214-425	442-758
Program	Code	52276F	52276F	52276F	52276F	52276F	52276F	52276F		Program Element Code	52276F	52276F	54123F	52276F	52276F	52276F	52276F
- 1	Project IIIle	Security Forces and Medical Training Facility	Replace C-130 Squadron Operations Facility	Add to and Alter Maintenance Complex	Replace Operations and Training Facility	Aircraft Maintenance Shops	Unspecified Minor Construction	Planning and Design	TOTAL MAJOR CONSTRUCTION	Project Title	Replace Fire Crash/Rescue Station	Construct Small Arms Range	ADALT RESPONSE FORCES (RF) FACILITY PHASE I	Consolidate Base Civil Engineer Facilities	Replace Troop Training Quarters	Replace Vehicle Maintenance Complex	RED HORSE Logistics Complex
	State	SW	NC	λN	SC	as	۸۲	۸۲		State	FL	Z	KY	MA	≅	ſN	Ð
	Installation	Jackson International Airport	Charlotte/Douglas International Airport	Francis S. Gabreski Airport	McEntire Joint National Guard Base	Joe Foss Field	Unspecified	Unspecified		Installation	Jacksonville International Airport	Hulman Regional Airport	Louisville International Airport - Standiford Field	Otis ANGB	Alpena County Regional Airport	Joint Base McGuire-Dix-Lakehurst	Сатр Рету ANG Station
	Project Number	LRXQ989041	FJRP089066	WKVB089082	PSTE009070	LUXC099042	PAYZ180006	PAYZ180005		Project Number	LSGA019179	LDXF129044	WEAS079054	SPBN019139	TDVG049136	PTFL000605	EUBC009109
000	APPN	3830	3830	3830	3830	3830	3830	3830		APPN	3830	3830	3830	3830	3830	3830	3830
à	Ϋ́	2018	2018	2018	2018	2018	2018	2018		FY	2019	2019	2019	2019	2019	2019	2019
	Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard		Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard

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

Component	F	APPN	Project Number Installation	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount Change from (\$000)	Change from FY14 PB	Explanation of Changes	Footprint
Guard	2019	3830	PAYZ190005 Unspecified	Unspecified	۸۲	Planning and Design	52276F	000-196	12,800	6,797	PA increased by \$6.797M	
Guard	2019	3830	PAYZ190006 Unspecified	Unspecified	۸۲	Unspecified Minor Construction	52276F	962-000	13,000	1,000	PA increased by \$1M	
Guard	2019	3830	LYBH049066	Yeager Airport	۸۸	Force Protection- Relocate Coonskin Road	52276F	851-147	4,920	(81)	Was FY16 in PB14. PA reduced for inflation RMD	New
						TOTAL MAJOR CONSTRUCTION			78,943			

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2015

ÇI	ECTION IV	
51	ECTION IV	

FUTURE YEARS DEFENSE PLAN (FYDP)

STATE/INSTALLATION LISTING

Footprint	New	Existing	New	Existing	Existing	New	Existing	New	New
Explanation of Changes	Was out of FYDP in FY14 - now Tag #2 for state	Deferred from FY16 in FY14PB. State #1 pri. PA reduced for Einflation RMD	Beddown of new mission. Combined facility for 3 missions N (RPA, Targeting, DGS). PA reduced for inflation RMD	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced \$800K). PA reduced for inflation RMD	Was FY18 in FB14. PA reduced for inflation RMD	Support beddown of new C-130 mission. PA reduced for inflation RMD	Was out of FYDP in PB14. PA reduced for inflation RMD	Was FY18 (FY14PB). Previous state priotity was #1. No state pri submitted in 2015 call. No BCAMP validation. Base not primary FD response on Airfield.	Was FY16 in FY14PB. PA reduced for inflation RMD.
Changes from FY 14 PB	0	(71)	(151)	(75)	(20)	(49)	(111)	(661)	(06)
Budget Amount (\$000)	6,400	7,129	13,200	6,426	5,051	4,951	11,089	8,839	9,010
Facility Category Code	730-835	141-753	141-454	214-425	218-712	171-873	211-179	130-142	141-753
Program Element Code	52276F	52276F	55208F	52276F	52276F	54332F	52276F	52276F	52276F
Project Title	Security and Services Training Facility	TFI - Replace Squadron Operations Facility	NDAA Construct DGS RPA IS SCIF	Replace Vehicle Maintenance Facility	ASE Maintenance and Storage Facility	Construct Small Air Terminal	Replace Fuel Cell and Corrosion Control Hangar and Shops	Replace Fire Crash/Rescue Station	C-130 Squadron Operations Facility
State	AL 8	AL 1	AR	CA	8	СТ	DE	4	GA
Installation	Birmingham International Airport	Montgomery Regional Airport (ANGB)	Ft Smith Municipal Airport	Moffett Federal Airfield	Buckley Air Force Base	Bradley International Airport	New Castle County Airport	Jacksonville International Airport	Savannah/Hilton Head IAP
Project Number	BRKR009063	FAKZ059173	HKRZ129076	QMSN099104	CRWU069125	CEKT139042	JLWS019054	LSGA019179	XDQU949500
APPN	3830	3830	3830	3830	3830	3830	3830	3830	3830
FY	2016	2017	2016	2016	2018	2018	2017	2019	2017
Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard

Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Budget Amount (\$000) (\$14 PB)	Explanation of Changes	Footprint
Guard	2018	3830	SAKW109201	Northwest Field-Anderson AFB	09	RED HORSE Operational Facility	52276F	171-445	5,200	(300)	Was out of FYDP (PB14)	New
Guard	2016	3830	FFAN139009	Des Moines International Airport	4	NDAA: AOG BEDDOWN - RENOVATE BUILDING 430	52672F	141-454	8,897	(103)	New from PB14. Beddown of new mission. PA reduced due to inflation RMD	Existing
Guard	2018	3830	JLQN049119	General Wayne A. Downing Peoria IAP	1	Construct Fire Crash/Rescue Station	52276F	130-142	8,714	(86)	Was out of FYDP in PB14. PA reduced for inflation RMD	Existing
Guard	2019	3830	LDXF129044	Hulman Regional Airport	Z	Construct Small Arms Range	52276F	171-475	5,500			
Guard	2017	3830	VUBV109002	Smoky Hill ANG Range	KS	Range Training Support Facilities	52276F	171-471	2,900	(100)	Out of FYDP from FY17 (PB14).	Existing
Guard	2019	3830	WEAS079054	Louisville International Airport - Standifo	KY	ADALT RESPONSE FORCES (RF) FACILITY PHASE I	54123F	171-445	7,084	(116)	Deferred from FY18 (PB14). PA reduced for inflation RMD	New
Guard	2017	3830	RQLH079073	Naval Air Station Joint Reserve Base	N N	Replace Squadron Operations Facility	52276F	141-753	9,604	(96)	Was FY16 in FY14PB. PA reduced for inflation RMD	Existing
Guard	2019	3830	SPBN019139	Otis ANGB	MA	Consolidate Base Civil Engineer Facilities	52276F	219-944	0,600		Defered from FY18 (PB14).	Existing

Footprint	>	>	>	>	>	>	Existing	Existing	
Explanation of Changes	Out of FYDP from 2017 (PB14).	Was Out of FYDP (PB14)	Was FY17 in PB14. PA reduced for inflation RMD New	Was FY18 (PB14). New	Defered from FY16 in PB14. PA reduced for inflation RMD New	Beddown of new mission. PA reduced for inflation RMD New	New from PB14. Beddown of KC-46. PA reduced for inflation Ex RMD	New from PB14 - Beddown of KC-46. PA reduced for inflation Ex RMD	
Budget Amount Changes from FY (\$000)	(300)	(400)	(22)	0	(68)	009	(32)	(15)	
Budget Amount (\$000)	6,900	9,200	7,623	8,000	9,011	5,239	2,768	1,485	
Facility Category Code	130-142	725-517	215-552	730-835	141-753	141-454	171-212	171-212	
Program Element Code	52276F	52276F	52276F	52276F	52276F	53117F	51413F	51413F	
Project Title	Add to and Alter Fire Crash/Rescue Station	Replace Troop Training Quarters	Load Crew Training and Weapon Release Shops	Security Forces and Medical Training Facility	Replace C-130 Squadron Operations Facility	Intel Targeting Facilities	KC-46A ADAL FLT SIM BLD 156	KC-46A Install FUSELAGE TRAINER (BLD 251)	
State	ME	M	Z Z	SM S	NC	- Q	풀	풀	
Installation	Bangor International Airport	Alpena County Regional Airport	Duluth International Airport	Jackson International Airport	Charlotte/Douglas International Airport	Hector International Airport	Pease International Tradeport ANG	Pease International Tradeport ANG	
Project Number Installation	FKNN059220	TDVG049136	FMKM089018	LRXQ989041	FJRP089066	KKGA129066	SZCQ139903	SZCQ139902	
APPN	 3830	3830	 3830	 3830	 3830	 3830	3830	3830	
F	2017	2019	2017	2018	2018	2016	2016	2017	
Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	

Footprint	New	New		New			New	New	New	
Explanation of Changes	Deferred from 2017 in PB14 May have 25 year lease issue. PA reduced for inflation RMD	Was FY18 (PB14).	PA reduced for inflation RMD	Defered from FY16 (PB14).		PA reduced for inflation RMD	was FY17 (PB14).	Was FY15 (FY13 PB)	Was FY18 in PB14. PA reduced for inflation RMD	
Changes from FY 14 PB	(117)	(200)	(69)			(115)	(200)		(72)	
Budget Amount (\$000)	10,084	5,400	5,931	8,300	2,600	988'6	6,800	10,000	7,328	
Facility Category Code	211-179	214-425	141-753	211-152	442-758	111-1112	130-142	130-142	171-445	
Program Element Code	52276F	52276F	53218f	52276F	52276F	53230F	52276F	52276F	52276F	
Project Title	Fuel Cell and Corrosion Control Hangar and Shops	Replace Vehicle Maintenance Complex	Remotely Piloted Aircraft Beddown, Building 912	Add to and Alter Maintenance Complex	RED HORSE Logistics Complex	Medium Altitude Manned ISR Beddown	Replace Fire Station	Replace Fire Station	Replace Operations and Training Facility	
State	ß	3	ķ	ž	Ю	Ą	OR	R	SC	
Installation	Atlantic City International Airport	Joint Base McGuire-Dix-Lakehurst	Niagara Falls International Airport	Francis S. Gabreski Airport	Camp Perry ANG Station	Will Rogers World Airport	Klamath Falls Airport - Kingsley Field	Quonset State Airport	McEntire Joint National Guard Base	
Project Number Installation	AQRC059093	PTFL000605	RVKQ139005	WKVB089082	EUBC009109	YZEU139006	KJAQ099058	TWLR039103	PSTE009070	
APPN	3830	3830	 3830	3830	 3830	 3830	 3830	3830	3830	
FY	2016	2019	 2016	2018	 2019	 2016	 2016	 2016	 2018	
Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	

Footprint	New	New									
Explanation of Changes	Was FY17 (PB14).	Was FY16 in PB14. PA reduced for inflation RMD	PA increased by \$4.855M	PA increased by \$3.2M	PA increased by \$6.2M	PA increased by \$7.8M	PA increased by \$6M	PA increased by \$10.05M	PA increased by \$6.797M	PA increased by \$1M	
Budget Amount Changes from FY (\$000)	(652)	(81)	4,855	3,200	6,200	008'2	000'9	10,050	262'9	1,000	
Budget Amount (\$000)	11,500	4,920	14,355	11,850	11,200	11,000	12,000	14,950	12,800	13,000	
Facility Category Code	217-712	851-147	962-000	000-196	962-000	000-196	962-000	000-196	000-196	962-000	
Program Element Code	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	52276F	
Project Title	Aircraft Maintenance Shops	Force Protection- Relocate Coonskin Road	Unspecified Minor Construction	Planning and Design	Unspecified Minor Construction	Planning and Design	Unspecified Minor Construction	Planning and Design	Planning and Design	Unspecified Minor Construction	
State	SD	%	\ \	۸۲	۸۲	۸۲	۸۲	۸۲	۸۲	۸۲	
Installation	Joe Foss Field	Yeager Airport	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified	
Project Number	LUXC099042	LYBH049066	PAYZ160006	PAYZ160005	PAYZ170006	PAYZ170005	PAYZ180006	PAYZ180005	PAYZ190005	PAYZ190006	
APPN	3830	3830	 3830	3830	3830	3830	3830	3830	3830	3830	
F	2018	2019	2016	2016	2017	2017	2018	2018	2019	2019	
Component	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	Guard	

