

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.
CONNECTICUT	Bradley International Airport			
	Construct C-130 Fuel Cell and Corrosion Control Facility	<u>16,306</u>	<u>16,306</u>	II-1
		16,306	16,306	
IOWA	Des Moines International Airport			
	Remotely Piloted Aircraft and Targeting Group Beddown	<u>8,993</u>	<u>8,993</u>	II-4
		8,993	8,993	
MICHIGAN	W. K. Kellogg Airport			
	RPA Beddown	<u>6,000</u>	<u>6,000</u>	II-7
		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			
	RPA Operations Center	<u>5,662</u>	<u>5,662</u>	II-19
		5,662	5,662	
	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	

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**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	0	
	TOTAL ENVIRONMENTAL	0	
	TOTAL NEW MISSION (7)	78,863	
	TOTAL CURRENT MISSION (0)	0	
	GRAND TOTAL - FY 2015 REQUEST	94,663	

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

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, \$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).

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

SECTION II

PROJECT JUSTIFICATION DATA

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1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014	
3. INSTALLATION AND LOCATION BRADLEY INTERNATIONAL AIRPORT, CONNECTICUT			4. PROJECT TITLE CONSTRUCT C-130 FUEL CELL AND CORROSION CONTROL FACILITY		
5. PROGRAM ELEMENT 54332F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER CEKT139004	8. PROJECT COST(\$000) \$16,306		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-130 BEDDOWN - FUEL CELL/CORROSION CONTROL		SM	2,750		12,582
FUEL CELL/CORROSION HANGAR (211-179)		SM	2,165	4,575	(9,905)
FUEL CELL SHOP AREA		SM	158	4,575	(723)
CORROSION CONTROL SHOP AREA (211-159)		SM	427	4,575	(1,954)
SUPPORTING FACILITIES					1,950
UTILITIES		LS			(500)
PAVEMENTS		LS			(500)
SITE IMPROVEMENTS		LS			(400)
COMMUNICATION SUPPORT		LS			(100)
FIRE PROTECTION SUPPORT		LS			(450)
SUSTAINABILITY AND ENERGY MEASURES		LS			320
SUBTOTAL					14,852
CONTINGENCY (5%)					<u>743</u>
TOTAL CONTRACT COST					15,595
SUPERVISION, INSPECTION AND OVERHEAD (6%)					<u>935</u>
TOTAL REQUEST					16,530
TOTAL REQUEST (ROUNDED)					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 ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2014																
3. INSTALLATION AND LOCATION BRADLEY INTERNATIONAL AIRPORT, CONNECTICUT																		
5. PROJECT TITLE CONSTRUCT C-130 FUEL CELL AND CORROSION CONTROL FACILITY	7. PROJECT NUMBER CEKT139004																	
<p>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.</p> <p>IMPACT IF NOT PROVIDED: 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.</p> <p>ADDITIONAL: 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.</p> <table border="0" data-bbox="235 1176 1412 1312"> <thead> <tr> <th>CatCode</th> <th>Requirement</th> <th>Adequate</th> <th>Substandard</th> </tr> </thead> <tbody> <tr> <td>211-179 FUEL SYSTEM MAINTENANCE DOCK</td> <td>2,165 SM</td> <td>0 SM</td> <td>0 SM</td> </tr> <tr> <td>211-159 AIRCRAFT CORROSION CONTROL</td> <td>427 SM</td> <td>0 SM</td> <td>0 SM</td> </tr> <tr> <td>211-179 FUEL CELL SHOP AREA</td> <td>158 SM</td> <td>0 SM</td> <td>0 SM</td> </tr> </tbody> </table> <p>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</p>			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
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															

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5. PROJECT TITLE CONSTRUCT C-130 FUEL CELL AND CORROSION CONTROL FACILITY		7. PROJECT NUMBER CEKT139004																												
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>APR 2013</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>No</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2014</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>JAN 2014</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>JUL 2014</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td></td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>No</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>900</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>300</td> </tr> <tr> <td>(c) Total</td> <td>1,200</td> </tr> <tr> <td>(d) Contract</td> <td>1,200</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) JAN 2015</p> <p>(5) Construction Start APR 2015</p> <p>(6) Construction Completion OCT 2016</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: Mark H. Bailey (240) 612-7042</p>			(a) Date Design Started	APR 2013	(b) Parametric Cost Estimates used to develop costs	No	(c) Percent Complete as of Jan 2014	35%	* (d) Date 35% Designed	JAN 2014	(e) Date Design Complete	JUL 2014	(f) Type of Design Contract		(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	900	(b) All Other Design Costs	300	(c) Total	1,200	(d) Contract	1,200	(e) In-House	
(a) Date Design Started	APR 2013																													
(b) Parametric Cost Estimates used to develop costs	No																													
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1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014	
3. INSTALLATION AND LOCATION DES MOINES INTERNATIONAL AIRPORT, IOWA			4. PROJECT TITLE NDAA: REMOTELY PILOTED AIRCRAFT AND TARGETING GROUP BEDDOWN		
5. PROGRAM ELEMENT 53218F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER FFAN139010	8. PROJECT COST(\$000) \$8,993		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
RPA/MCE AND TARGETING GROUP BEDDOWN		SM	3,094		6,041
CONVERT FOR RPA SQUAD OPS (141-754)		SM	1,329	1,830	(2,432)
CONVERT FOR TARGETING (141-753)		SM	1,765	2,045	(3,609)
SUPPORTING FACILITIES					1,800
UTILITIES		LS	1	680,000	(680)
PASSIVE FORCE PROTECTION		LS	1	70,000	(70)
BACK-UP GENERATOR / UPS SUPPORT		LS	1	150,000	(150)
PAVEMENT		LS	1	500,000	(500)
COMMUNICATION SUPPORT		LS	1	400,000	(400)
SUSTAINABILITY AND ENERGY MEASURES		SM	3,094	108	334
SUBTOTAL					8,175
CONTINGENCY (5%)					409
TOTAL CONTRACT COST					8,584
SUPERVISION, INSPECTION AND OVERHEAD (6%)					515
TOTAL REQUEST					9,099
TOTAL REQUEST (ROUNDED)					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 ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2014																
3. INSTALLATION AND LOCATION DES MOINES INTERNATIONAL AIRPORT, IOWA																		
5. PROJECT TITLE NDAA: REMOTELY PILOTED AIRCRAFT AND TARGETING GROUP BEDDOWN	7. PROJECT NUMBER FFAN139010																	
<p>SCIF areas. The project will include all associated utilities and communication requirements. The project will include the support structure for the uninterruptible power system and the support infrastructure and purchase of a generator for the mission critical aspects of the building.</p> <p><u>CURRENT SITUATION:</u> 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.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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 adequately 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.</p> <p><u>ADDITIONAL:</u> 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 (EPA05), 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.</p>																		
<table border="0"> <tr> <td>CatCode</td> <td>Requirement</td> <td>Adequate</td> <td>Substandard</td> </tr> <tr> <td>141-753 SQUADRON OPERATIONS</td> <td>1,143 SM</td> <td>0 SM</td> <td>1,143 SM</td> </tr> <tr> <td>131-111 TELECOMMUNICATIONS FACILITY</td> <td>186 SM</td> <td>0 SM</td> <td>186 SM</td> </tr> <tr> <td>141-454 INTELLIGENCE TARGETING GROUP</td> <td>1,765 SM</td> <td>0 SM</td> <td>1,765 SM</td> </tr> </table>	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		
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															
<p>CONVERT FOR RPA SQUAD OPS (141-754)</p>	<p>1,329 SM = 14,300 SF</p>																	
<p>CONVERT FOR TARGETING (141-753)</p>	<p>1,765 SM = 19,000 SF</p>																	

1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014
3. INSTALLATION AND LOCATION W. K. KELLOGG AIRPORT, MICHIGAN			4. PROJECT TITLE RPA BEDDOWN	
5. PROGRAM ELEMENT 53218F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER MBMV129060	8. PROJECT COST(\$000) \$6,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CONVERT LRS FOR RPA OPERATIONS	SM	2,499		4,573
REPAIR LRS COMPLEX FOR RPA OPERATIONS	SM	2,499	1,830	(4,573)
SUPPORTING FACILITIES				717
UTILITIES	LS			(101)
SITE IMPROVEMENTS	LS			(15)
STANDBY GENERATOR/POWER SUPPLY	LS			(351)
COMMUNICATION SUPPORT	LS			(250)
SUSTAINABILITY AND ENERGY MEASURES	LS			<u>101</u>
SUBTOTAL				5,391
CONTINGENCY (5%)				<u>270</u>
TOTAL CONTRACT COST				5,661
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>339</u>
TOTAL REQUEST				6,000
TOTAL REQUEST (ROUNDED)				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 systems-furniture 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 <u>PROJECT:</u> Convert LRS Complex for RPA (New Mission). <u>REQUIREMENT:</u> 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				

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3. INSTALLATION AND LOCATION W. K. KELLOGG AIRPORT, MICHIGAN																						
5. PROJECT TITLE RPA BEDDOWN	7. PROJECT NUMBER MBMV129060																					
<p>operations facilities require redundant communications connectivity which will require extension and looping of communications lines and switches.</p> <p>CURRENT SITUATION: 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.</p> <p>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.</p> <p>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.</p> <table border="0" data-bbox="235 1344 1412 1512"> <thead> <tr> <th>CatCode</th> <th>Requirement</th> <th>Adequate</th> <th>Substandard</th> </tr> </thead> <tbody> <tr> <td>141-753 SQUADRON OPERATIONS</td> <td>1,143 SM</td> <td>0 SM</td> <td>607 SM</td> </tr> <tr> <td>149-511 PILOTLESS AIRCRAFT GUIDANCE ST</td> <td>1,003 SM</td> <td>0 SM</td> <td>2,012 SM</td> </tr> <tr> <td>171-212 FLIGHT SIMULATOR TRAINING</td> <td>167 SM</td> <td>0 SM</td> <td>158 SM</td> </tr> <tr> <td>131-111 TELECOMMUNICATIONS FACILITY</td> <td>186 SM</td> <td>0 SM</td> <td>186 SM</td> </tr> </tbody> </table> <p>REPAIR LRS COMPLEX FOR RPA OPERATIONS 2,499 SM = 26,900 SF</p>			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
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<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 632 1360 848"> <tr><td>(a) Date Design Started</td><td>SEP 2013</td></tr> <tr><td>(b) Parametric Cost Estimates used to develop costs</td><td>YES</td></tr> <tr><td>(c) Percent Complete as of Jan 14</td><td>35%</td></tr> <tr><td>* (d) Date 35% Designed</td><td>DEC 2013</td></tr> <tr><td>(e) Date Design Complete</td><td>AUG 2014</td></tr> <tr><td>(f) Type of Design Contract</td><td></td></tr> <tr><td>(g) Energy Study/Life-Cycle analysis was/will be performed</td><td>No</td></tr> </table> <p>(2) Basis:</p> <table data-bbox="321 911 1360 968"> <tr><td>(a) Standard or Definitive Design -</td><td>No</td></tr> <tr><td>(b) Where Design Was Most Recently Used -</td><td></td></tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table data-bbox="321 1031 1360 1178"> <tr><td>(a) Production of Plans and Specifications</td><td>470</td></tr> <tr><td>(b) All Other Design Costs</td><td>52</td></tr> <tr><td>(c) Total</td><td>522</td></tr> <tr><td>(d) Contract</td><td>522</td></tr> <tr><td>(e) In-House</td><td></td></tr> </table> <p>(4) Contract Award (Month/Year) MAR 2015</p> <p>(5) Construction Start MAR 2015</p> <p>(6) Construction Completion OCT 2016</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: John Scanlon (240) 612-8083</p>			(a) Date Design Started	SEP 2013	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 14	35%	* (d) Date 35% Designed	DEC 2013	(e) Date Design Complete	AUG 2014	(f) Type of Design Contract		(g) Energy Study/Life-Cycle analysis was/will be performed	No	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	470	(b) All Other Design Costs	52	(c) Total	522	(d) Contract	522	(e) In-House	
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1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014
3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE			4. PROJECT TITLE KC-46A ADAL FUEL CELL BUILDING 253	
5. PROGRAM ELEMENT 51413F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER SZCQ139901	8. PROJECT COST(\$000) \$16,800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD TO AND ALTER FUEL CELL	SM	4,468		13,711
CONSTRUCT ADDITION	SM	1,764	3,714	(6,551)
REPAIR FUEL CELL	SM	2,704	2,648	(7,160)
SUPPORTING FACILITIES				1,200
PAVEMENTS	LS			(1,200)
SUSTAINABILITY AND ENERGY MEASURES	LS			<u>330</u>
SUBTOTAL				15,241
CONTINGENCY (5%)				<u>762</u>
TOTAL CONTRACT COST				16,003
SUPERVISION, INSPECTION AND OVERHEAD (6%)				<u>960</u>
TOTAL REQUEST				16,963
TOTAL REQUEST (ROUNDED)				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. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2014	
3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE			
5. PROJECT TITLE KC-46A ADAL FUEL CELL BUILDING 253	7. PROJECT NUMBER SZCQ139901		
section 2802, and other applicable laws and Executive orders. This space can be used by other airframes on an as "available basis"; however, the scope of the project is based on Air Force requirements.			
CatCode 211-179 FUEL SYSTEM MAINTENANCE DOCK	Requirement 4,468 SM	Adequate 0 SM	Substandard 2,704 SM
CONSTRUCT EYEBROW	1,764 SM = 18,985 SF		
REPAIR FUEL CELL	2,704 SM = 29,103 SF		

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3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE			4. PROJECT TITLE KC-46A ADAL MAINT HANGAR BUILDING 254	
5. PROGRAM ELEMENT 51413F	6. CATEGORY CODE 211-111	7. PROJECT NUMBER SZCQ139904	8. PROJECT COST(\$000) \$18,002	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADAL MAINT HANGAR	SM	9,379		14,998
CONSTRUCT EYEBROW	SM	1,764	3,391	(5,982)
REPAIR MAINT HANGAR	SM	7,615	1,184	(9,016)
SUPPORTING FACILITIES				1,000
PAVEMENTS	LS			(1,000)
SUSTAINABILTY AND ENERGY MEASURES	LS			360
SUSTAINABILTY AND ENERGY MEASURES	LS			(360)
SUBTOTAL				16,358
CONTINGENCY (5%)				818
TOTAL CONTRACT COST				17,176
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,030
TOTAL REQUEST				18,206
TOTAL REQUEST (ROUNDED)				18,002
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. <u>IMPACT IF NOT PROVIDED:</u> 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				

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5. PROJECT TITLE KC-46A ADAL MAINT HANGAR BUILDING 254		7. PROJECT NUMBER SZCQ139904																												
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>SEP 2013</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 2014</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>DEC 2013</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>AUG 2014</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td>IDIQ</td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>No</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>No</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>1,705</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>0</td> </tr> <tr> <td>(c) Total</td> <td>1,705</td> </tr> <tr> <td>(d) Contract</td> <td>1,705</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) MAR 2015</p> <p>(5) Construction Start MAR 2015</p> <p>(6) Construction Completion OCT 2017</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: John R. Gildersleeve (240) 612-8233</p>			(a) Date Design Started	SEP 2013	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2014	35%	* (d) Date 35% Designed	DEC 2013	(e) Date Design Complete	AUG 2014	(f) Type of Design Contract	IDIQ	(g) Energy Study/Life-Cycle analysis was/will be performed	No	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	1,705	(b) All Other Design Costs	0	(c) Total	1,705	(d) Contract	1,705	(e) In-House	
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3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE			4. PROJECT TITLE KC-46A ADAL AIRFIELD PAVEMENTS & HYDRANT SYSTEMS		
5. PROGRAM ELEMENT 51413F	6. CATEGORY CODE 113-321	7. PROJECT NUMBER SZCQ139905	8. PROJECT COST(\$000) \$7,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ADAL AF PAVEMENTS & HYDRANTS		SM	11,855		6,056
REPAIR CONCRETE PAVEMENT (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)
SUPPORTING FACILITIES		LS			(100)
SUBTOTAL					6,406
CONTINGENCY (5%)					<u>320</u>
TOTAL CONTRACT COST					6,726
SUPERVISION, INSPECTION AND OVERHEAD (6%)					<u>403</u>
TOTAL REQUEST					7,129
TOTAL REQUEST (ROUNDED)					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. CURRENT SITUATION: 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. IMPACT IF NOT PROVIDED: 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. ADDITIONAL: 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					

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3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE																						
5. PROJECT TITLE KC-46A ADAL AIRFIELD PAVEMENTS & HYDRANT SYSTEMS	7. PROJECT NUMBER SZCQ139905																					
<p>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 2802(c), and other applicable laws and Executive orders. This space can be used by other airframes on an as "available basis"; however, the scope of the project is based on Air Force requirements.</p> <table border="0" data-bbox="235 672 1412 913"> <thead> <tr> <th data-bbox="235 672 341 703">CatCode</th> <th data-bbox="909 672 1063 703">Requirement</th> <th data-bbox="1104 672 1218 703">Adequate</th> <th data-bbox="1258 672 1412 703">Substandard</th> </tr> </thead> <tbody> <tr> <td data-bbox="235 703 454 735">113-321 APRON</td> <td data-bbox="941 703 1063 735">2,165 SM</td> <td data-bbox="1144 703 1218 735">0 SM</td> <td data-bbox="1307 703 1412 735">735 SM</td> </tr> <tr> <td data-bbox="211 808 771 840">REPAIR CONCRETE PAVEMENT (113-321)</td> <td colspan="3" data-bbox="844 808 1063 840">650 SM = 778 SY</td> </tr> <tr> <td data-bbox="211 840 730 871">NEW CONCRETE PAVEMENT (113-321)</td> <td colspan="3" data-bbox="803 840 1063 871">1,301 SM = 1,556 SY</td> </tr> <tr> <td data-bbox="211 871 706 903">NEW ASPHALT PAVEMENT (113-321)</td> <td colspan="3" data-bbox="844 871 1063 903">120 SM = 144 SY</td> </tr> </tbody> </table>			CatCode	Requirement	Adequate	Substandard	113-321 APRON	2,165 SM	0 SM	735 SM	REPAIR CONCRETE PAVEMENT (113-321)	650 SM = 778 SY			NEW CONCRETE PAVEMENT (113-321)	1,301 SM = 1,556 SY			NEW ASPHALT PAVEMENT (113-321)	120 SM = 144 SY		
CatCode	Requirement	Adequate	Substandard																			
113-321 APRON	2,165 SM	0 SM	735 SM																			
REPAIR CONCRETE PAVEMENT (113-321)	650 SM = 778 SY																					
NEW CONCRETE PAVEMENT (113-321)	1,301 SM = 1,556 SY																					
NEW ASPHALT PAVEMENT (113-321)	120 SM = 144 SY																					

1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2014																												
3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, NEW HAMPSHIRE																														
5. PROJECT TITLE KC-46A ADAL AIRFIELD PAVEMENTS & HYDRANT SYSTEMS		7. PROJECT NUMBER SZCQ139905																												
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>SEP 2013</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent Complete as of Jan 0</td> <td>35%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>DEC 2013</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>AUG 2014</td> </tr> <tr> <td>(f) Type of Design Contract</td> <td></td> </tr> <tr> <td>(g) Energy Study/Life-Cycle analysis was/will be performed</td> <td>No</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>No</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>505</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>0</td> </tr> <tr> <td>(c) Total</td> <td>505</td> </tr> <tr> <td>(d) Contract</td> <td>505</td> </tr> <tr> <td>(e) In-House</td> <td></td> </tr> </table> <p>(4) Contract Award (Month/Year) MAR 2015</p> <p>(5) Construction Start MAR 2015</p> <p>(6) Construction Completion OCT 2017</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: John R. Gildersleeve (240) 612-8233</p>			(a) Date Design Started	SEP 2013	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 0	35%	* (d) Date 35% Designed	DEC 2013	(e) Date Design Complete	AUG 2014	(f) Type of Design Contract		(g) Energy Study/Life-Cycle analysis was/will be performed	No	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	505	(b) All Other Design Costs	0	(c) Total	505	(d) Contract	505	(e) In-House	
(a) Date Design Started	SEP 2013																													
(b) Parametric Cost Estimates used to develop costs	YES																													
(c) Percent Complete as of Jan 0	35%																													
* (d) Date 35% Designed	DEC 2013																													
(e) Date Design Complete	AUG 2014																													
(f) Type of Design Contract																														
(g) Energy Study/Life-Cycle analysis was/will be performed	No																													
(a) Standard or Definitive Design -	No																													
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(a) Production of Plans and Specifications	505																													
(b) All Other Design Costs	0																													
(c) Total	505																													
(d) Contract	505																													
(e) In-House																														

1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014
3. INSTALLATION AND LOCATION HORSHAM AGS, PENNSYLVANIA			4. PROJECT TITLE RPA OPERATIONS CENTER	
5. PROGRAM ELEMENT 53218F	6. CATEGORY CODE 149-511	7. PROJECT NUMBER ZAWA159061	8. PROJECT COST(\$000) \$5,662	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER PREDATOR OPERATIONS CENTER FACILITY	SM	2,631		4,417
ALTER OPERATIONS CENTER	SM	2,631	1,679	(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			118
SUBTOTAL				5,207
CONTINGENCY (5%)				260
TOTAL CONTRACT COST				5,467
SUPERVISION, INSPECTION AND OVERHEAD (6%)				328
TOTAL REQUEST				5,795
TOTAL REQUEST (ROUNDED)				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 redundant 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 ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE March 2014																												
3. INSTALLATION AND LOCATION HORSHAM AGS, PENNSYLVANIA																														
5. PROJECT TITLE RPA OPERATIONS CENTER		7. PROJECT NUMBER ZAWA159061																												
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 632 1360 848"> <tr><td>(a) Date Design Started</td><td>AUG 2013</td></tr> <tr><td>(b) Parametric Cost Estimates used to develop costs</td><td>YES</td></tr> <tr><td>(c) Percent Complete as of Jan 2014</td><td>35%</td></tr> <tr><td>* (d) Date 35% Designed</td><td>DEC 2013</td></tr> <tr><td>(e) Date Design Complete</td><td>AUG 2014</td></tr> <tr><td>(f) Type of Design Contract</td><td></td></tr> <tr><td>(g) Energy Study/Life-Cycle analysis was/will be performed</td><td>YES</td></tr> </table> <p>(2) Basis:</p> <table data-bbox="321 911 1360 968"> <tr><td>(a) Standard or Definitive Design -</td><td>No</td></tr> <tr><td>(b) Where Design Was Most Recently Used -</td><td></td></tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table data-bbox="321 1031 1360 1178"> <tr><td>(a) Production of Plans and Specifications</td><td>425</td></tr> <tr><td>(b) All Other Design Costs</td><td>75</td></tr> <tr><td>(c) Total</td><td>500</td></tr> <tr><td>(d) Contract</td><td>500</td></tr> <tr><td>(e) In-House</td><td></td></tr> </table> <p>(4) Contract Award (Month/Year) MAR 2015</p> <p>(5) Construction Start MAR 2015</p> <p>(6) Construction Completion OCT 2016</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p> <p>POINT OF CONTACT: Mark Mittler (240) 612-8712</p>			(a) Date Design Started	AUG 2013	(b) Parametric Cost Estimates used to develop costs	YES	(c) Percent Complete as of Jan 2014	35%	* (d) Date 35% Designed	DEC 2013	(e) Date Design Complete	AUG 2014	(f) Type of Design Contract		(g) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	No	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	425	(b) All Other Design Costs	75	(c) Total	500	(d) Contract	500	(e) In-House	
(a) Date Design Started	AUG 2013																													
(b) Parametric Cost Estimates used to develop costs	YES																													
(c) Percent Complete as of Jan 2014	35%																													
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(e) Date Design Complete	AUG 2014																													
(f) Type of Design Contract																														
(g) Energy Study/Life-Cycle analysis was/will be performed	YES																													
(a) Standard or Definitive Design -	No																													
(b) Where Design Was Most Recently Used -																														
(a) Production of Plans and Specifications	425																													
(b) All Other Design Costs	75																													
(c) Total	500																													
(d) Contract	500																													
(e) In-House																														

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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.

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1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER PAYZ150005	8. PROJECT COST(\$000) \$7,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN (P-313)		LS			7,700
SUBTOTAL					7,700
TOTAL CONTRACT COST					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 <u>PROJECT:</u> 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.					

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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.

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1. COMPONENT ANG	FY 2015 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE March 2014	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 999-999	7. PROJECT NUMBER PAYZ150006	8. PROJECT COST(\$000) \$8,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)		LS			8,100
SUBTOTAL					8,100
TOTAL CONTRACT COST					8,100
TOTAL REQUEST					8,100
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 <u>PROJECT:</u> Unspecified Minor Construction Program <u>REQUIREMENT:</u> 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.					

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

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014
3. INSTALLATION AND LOCATION BRADLEY INTERNATIONAL AIRPORT, EAST GRANBY			4. AREA CONSTR COST INDEX 1.18	
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 Four Army National Guard Installations				
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2015				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>
211-179	Construct C-130 Fuel Cell and Corrosion Control Facility	2,750 SM (29,600 SF)	16,306	Apr 13 Jul 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 04 Apr 13 (Date)				
9. LAND ACQUISITION REQUIRED				<u>None</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	
130-142	Replace Fire Station	1,933 SM (20,800 SF)	8,500	
171-873	Construct Small Air Terminal	1,477 SM (15,900 SF)	5,000	
R&M Unfunded Requirement: \$19,499,000				

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE March 2014	
3. INSTALLATION AND LOCATION BRADLEY INTERNATIONAL AIRPORT, EAST GRANBY						
11. PERSONNEL STRENGTH AS OF 10 Jun 13						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	324	13	69	242	976	126 850
ACTUAL	318	12	80	226	895	97 798
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>				
		<u>AUTHORIZED</u>		<u>ACTUAL</u>		
	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	18		117		
	TOTALS	976		895		
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	Support Equipment	180		130		
	Refuelers	3		3		
	Vehicle Equivalents	231		231		
	Vehicles	103		83		
	C-130 (8-9)	8		2		
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2015						
CATEGORY				CST	<u>DESIGN STATUS</u>	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$(000)</u>	<u>START</u> <u>CMPL</u>	
NONE						

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014																			
3. INSTALLATION AND LOCATION DES MOINES INTERNATIONAL AIRPORT, DES MOINES				4. AREA CONSTR COST INDEX .95																			
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month, Two days for a primary UTA and another two days scheduled for a secondary UTA (SUTA) per month. In addition 15 days of annual field training days per year. Daily operation Tuesday thru Friday, 0700-1730. A smaller staff is also available on Mondays from 0700-1630. Daily use by technician and AGR force for training.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS Camp Dodge, Johnstown, Iowa (10 miles), Des Moines Reserve Complex, Des Moines, IA (1 mile)																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2015																							
<table border="0"> <thead> <tr> <th colspan="2">CATEGORY</th> <th></th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>\$(000)</u></th> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>149-511</td> <td>Remotely Piloted Aircraft and Targeting Group Beddown</td> <td>3,094 SM (33,300 SF)</td> <td>8,993</td> <td>Sept 13</td> <td>Aug 14</td> </tr> </tbody> </table>						CATEGORY			COST	DESIGN STATUS		<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	149-511	Remotely Piloted Aircraft and Targeting Group Beddown	3,094 SM (33,300 SF)	8,993	Sept 13	Aug 14
CATEGORY			COST	DESIGN STATUS																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>																		
149-511	Remotely Piloted Aircraft and Targeting Group Beddown	3,094 SM (33,300 SF)	8,993	Sept 13	Aug 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 01 Sep 13 (Date)																							
9. LAND ACQUISITION REQUIRED				None (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
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CATEGORY			COST																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>																				
149-511	AOG Beddown	3,094 SM (33,300 SF)	9,100																				
R&M Unfunded Requirement: \$16,905,000																							

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

DES MOINES INTERNATIONAL AIRPORT, DES MOINES

11. PERSONNEL STRENGTH AS OF 12 Jul 13

	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	290	33	252	5	1,004	254	750
ACTUAL	274	29	240	5	970	142	828

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
132 WING	38	38
132 Intel	230	200
132 Logistics Readiness Squadron	42	78
132 LRE	15	15
132 Force Support Squadron	49	49
132 Mission Support Group	8	8
132 Communication Flight	30	30
132 Civil Engineering Squadron	42	45
132 Security Forces Squadron	74	74
132 CMPT	12	12
132 Medical Squadron	43	46
132 DTOC	41	22
132 JFHQ	31	31
132 Student Flight	0	35
132 RPAG	208	200
132 Air Operational Group	141	87
TOTALS	1,004	970

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
Vehicle Equivalents	84	104
Vehicles	95	95

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2013

<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>CST</u>	<u>DESIGN STATUS</u>	
<u>CODE</u>			<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>
NONE					

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014																			
3. INSTALLATION AND LOCATION W. K. KELLOGG AIRPORT, BATTLE CREEK				4. AREA CONSTR COST INDEX 1.15																			
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS 2 Army National Guard Armories, 1 Army Training Center, 1 Naval/Marine Reserve Center																							
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2015 <table border="1" data-bbox="203 619 1461 756"> <thead> <tr> <th colspan="2">CATEGORY</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST \$(000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th></th> <th>START</th> <th>CMPL</th> </tr> </thead> <tbody> <tr> <td>141-753</td> <td></td> <td>RPA Beddown</td> <td>2,499 SM (26,900 SF)</td> <td>6,000</td> <td>Sep 13</td> <td>Aug 14</td> </tr> </tbody> </table>						CATEGORY		PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS		CODE		START	CMPL	141-753		RPA Beddown	2,499 SM (26,900 SF)	6,000	Sep 13	Aug 14
CATEGORY		PROJECT TITLE	SCOPE	COST \$(000)	DESIGN STATUS																		
CODE					START	CMPL																	
141-753		RPA Beddown	2,499 SM (26,900 SF)	6,000	Sep 13	Aug 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 Mar 11 (Date)																							
9. LAND ACQUISITION REQUIRED				None (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="203 1428 1461 1564"> <thead> <tr> <th>CATEGORY</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST \$(000)</th> </tr> </thead> <tbody> <tr> <td></td> <td>R&M Unfunded Requirement</td> <td></td> <td>\$14,500,000</td> </tr> </tbody> </table>						CATEGORY	PROJECT TITLE	SCOPE	COST \$(000)		R&M Unfunded Requirement		\$14,500,000										
CATEGORY	PROJECT TITLE	SCOPE	COST \$(000)																				
	R&M Unfunded Requirement		\$14,500,000																				

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014			
3. INSTALLATION AND LOCATION W. K. KELLOGG AIRPORT, BATTLE CREEK							
11. PERSONNEL STRENGTH AS OF 3 Sep 13							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	311	55	216	40	863	225	638
ACTUAL	269	45	186	38	886	183	703
12. RESERVE UNIT DATA							
		<u>STRENGTH</u>					
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u>		<u>ACTUAL</u>			
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>		<u>ASSIGNED</u>		
	Vehicles		79		79		
	C-21 Aircraft		3		4		
	Support Equipment		159		159		
	Vehicle Equivalents		259		259		
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2015							
CATEGORY			CST		<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>		<u>START</u>	<u>CMPL</u>	
NONE							

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014	
3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, PORTSMOUTH				4. AREA CONSTR COST INDEX 1.12	
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					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</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 & Hydrant Systems	2,164 SM (2,589 SY)	7,100		
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)					
9. LAND ACQUISITION REQUIRED			<u>None</u> (Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(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 ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE March 2014	
3. INSTALLATION AND LOCATION PEASE INTERNATIONAL TRADEPORT ANG, PORTSMOUTH						
11. PERSONNEL STRENGTH AS OF 22 Jun 12						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	483	31	224	228	1,025	156 869
ACTUAL	468	32	219	217	1,041	143 898
12. RESERVE UNIT DATA						
<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>			
			<u>AUTHORIZED</u>		<u>ACTUAL</u>	
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		116	
			<u>TOTALS</u>		<u>1,153</u>	<u>1,151</u>
13. MAJOR EQUIPMENT AND AIRCRAFT						
<u>TYPE</u>			<u>AUTHORIZED</u>		<u>ASSIGNED</u>	
KC-135R Aircraft			8		9	
Vehicle Equivalents			604		369	
Vehicles			161		183	
14. OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2015						
<u>CATEGORY</u>			<u>CST</u>		<u>DESIGN STATUS</u>	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>		<u>START</u>	<u>CMPL</u>
NONE						

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE March 2014	
3. INSTALLATION AND LOCATION HORSHAM AGS, PHILADELPHIA				4. AREA CONSTR COST INDEX 1.11	
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 -Co-located adjacent to PA-Army Reserve, Horsham, PA - Army National Guard, Northeast Philadelphia, PA					
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2015					
CATEGORY					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)	<u>DESIGN STATUS</u>	
				<u>START</u>	<u>CMPL</u>
149-511	RPA Operations Center	2,631 SM (28,324 SF)	5,662	Aug 13	Jun 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					
				22 Aug 10	(Date)
9. LAND ACQUISITION REQUIRED					
				None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> \$(000)		
R&M Unfunded Requirement: \$0					

1. COMPONENT ANG	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE March 2014	
3. INSTALLATION AND LOCATION HORSHAM AGS, PHILADELPHIA						
11. PERSONNEL STRENGTH AS OF 21 Jun 12						
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	228	40	187	1	975	95 880
ACTUAL	157	31	126	0	721	41 680
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</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>	<u>ASSIGNED</u>			
	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						
CATEGORY		CST		<u>DESIGN STATUS</u>		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>CMPL</u>	
NONE						

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

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 FY14 PB	Explanation of Changes	Footprint
Guard	2016	3830	BRKR009063	Birmingham International Airport	AL	Security and Services Training Facility	52276F	730-835	6,400	0	Was out of FYDP in FY14 - now Tag #2 for state	New
Guard	2016	3830	HKRZ129076	Ft Smith Municipal Airport	AR	NDAA Construct DGS RPA IS SCIF	53208F	141-454	13,200	(151)	Beddown of new mission. Combined facility for 3 missions (GPA, Targeting, DGS). PA reduced for inflation RMD	New
Guard	2016	3830	QMSN099104	Moffett Federal Airfield	CA	Replaces Vehicle Maintenance Facility	52276F	214-425	6,426	(75)	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced \$800K). PA reduced for inflation RMD	Existing
Guard	2016	3830	FFAN139009	Des Moines International Airport	IA	NDAA: AOG BEDDOWN - RENOVATE BUILDING 430	53672F	141-454	8,897	(103)	New from PB14. Beddown of new mission. PA reduced due to inflation RMD	Existing
Guard	2016	3830	KKGA129066	Hector International Airport	ND	Intel Targeting Facilities	53117F	141-454	5,239	500	Beddown of new mission. PA reduced for inflation RMD	New
Guard	2016	3830	SZCQ139903	Pease International Tradeport ANG	NH	KC-46A-ADAL FLT SIM BLD 156	51413F	171-212	2,768	(32)	New from PB14. Beddown of KC-46. PA reduced for inflation RMD	Existing
Guard	2016	3830	AORC059083	Atlantic City International Airport	NJ	Fuel Cell and Corrosion Control Hangar and Shops	52276F	211-179	10,084	(117)	Deferred from FY17 in PB14. May have 25 year lease issue. PA reduced for inflation RMD	New
Guard	2016	3830	RVKQ139005	Niagara Falls International Airport	NY	Remotely Piloted Aircraft Beddown, Building 912	53218F	141-753	5,931	(69)	PA reduced for inflation RMD	
Guard	2016	3830	YZEU139006	Will Rogers World Airport	OK	Medium Altitude Manned ISR Beddown	53230F	211-111	9,886	(115)	PA reduced for inflation RMD	
Guard	2016	3830	KJAO099058	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	6,800	(200)	was FY17 (PB14).	New
Guard	2016	3830	TWLR039103	Quonset State Airport	RI	Replace Fire Station	52276F	130-142	10,000		Deferred from FY15 (PB14).	New
Guard	2016	3830	PAYZ160006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	14,355	4,855	PA increased by \$4,855M	
Guard	2016	3830	PAYZ160005	Unspecified	VL	Planning and Design	52276F	961-000	11,850	3,200	PA increased by \$3.2M	
						TOTAL MAJOR CONSTRUCTION			111,836			

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 FY14 PB	Explanation of Changes	Footprint
Guard	2017	3830	FAKZ059173	Montgomery Regional Airport (ANGB)	AL	TF1 - Replace Squadron Operations Facility	52276F	141-753	7,129	(71)	Deferred from FY16 in FY14PB. State #1 pri. PA reduced for inflation RMD	Existing
Guard	2017	3830	JLWIS019054	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
Guard	2017	3830	XDOU949500	SavannahHilton HeadIAP	GA	C-130 Squadron Operations Facility	52276F	141-753	9,010	(90)	Was FY16 in FY14PB. PA reduced for inflation RMD.	New
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	2017	3830	ROLH079073	Naval Air Station Joint Reserve Base	LA	Replace Squadron Operations Facility	52276F	141-753	9,604	(96)	Was FY16 in FY14PB. PA reduced for inflation RMD	Existing
Guard	2017	3830	FKNN059220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	6,900	(300)	Out of FYDP from FY17 (PB14).	New
Guard	2017	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	7,623	(75)	Was FY17 in PB14. PA reduced for inflation RMD	New
Guard	2017	3830	SZCQ139902	Pease International Tradeport ANG	NH	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
Guard	2017	3830	PAYZ170006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	11,200	6,200	PA increased by \$6.2M	
Guard	2017	3830	PAYZ170005	Unspecified	VL	Planning and Design	52276F	961-000	11,000	7,800	PA increased by \$7.8M	
						TOTAL MAJOR CONSTRUCTION			77,940			
Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Change from FY14 PB	Explanation of Changes	Footprint
Guard	2018	3830	CRWU069125	Buckley Air Force Base	CO	ASE Maintenance and Storage Facility	52276F	218-712	5,051	(50)	Was FY18 in PB14. PA reduced for inflation RMD	Existing
Guard	2018	3830	CEKT139042	Bradley International Airport	CT	Construct Small Air Terminal	54332F	171-873	4,951	(49)	Support beddown of new C-130 mission. PA reduced for inflation RMD	New
Guard	2018	3830	SAKW109201	Northwest Field-Anderson AFB	GU	RED HORSE Operational Facility	52276F	171-445	5,200	(300)	Was out of FYDP (PB14)	New
Guard	2018	3830	JLON049119	General Wayne A. Downing Peoria IAP (ANG)	IL	Construct Fire Crash/Rescue Station	52276F	130-142	8,714	(86)	Was out of FYDP in PB14. PA reduced for inflation RMD	Existing

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 FY14 PB	Explanation of Changes	Footprint
Guard	2018	3830	LRXQ890041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	8,000	0	Was FY2018 (PB14).	New
Guard	2018	3830	FJRP089066	Charlotte/Douglas International Airport	NC	Replace C-130 Squadron Operations Facility	52276F	141-753	9,011	(89)	Deferred from FY16 in PB14. PA reduced for inflation RMD	New
Guard	2018	3830	WKVB089082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,300		Was from FY16 (PB14).	New
Guard	2018	3830	PSTE089070	McEntire Joint National Guard Base	SC	Replace Operations and Training Facility	52276F	171-445	7,328	(72)	Was FY18 in PB14. PA reduced for inflation RMD	New
Guard	2018	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	11,500	(759)	Was FY17 (PB14).	New
Guard	2018	3830	PAYZ180006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	12,000	6,000	PA increased by \$6M	
Guard	2018	3830	PAYZ180005	Unspecified	VL	Planning and Design	52276F	961-000	14,950	10,050	PA increased by \$10.05M	
						TOTAL MAJOR CONSTRUCTION			95,005			
Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Change from FY14 PB	Explanation of Changes	Footprint
Guard	2019	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash/Rescue Station	52276F	130-142	8,839	(661)	Was FY18 (FY14PB). Previous state priority was #1. No state pri submitted in 2015 call. No BCAMP validation. Base not primary FD response on Airfield.	New
Guard	2019	3830	LDXF129044	Hulman Regional Airport	IN	Construct Small Arms Range	52276F	171-475	5,500			
Guard	2019	3830	WEAS079054	Louisville International Airport - Standiford Field	KY	ADALT RESPONSE FORCES (RF) FACILITY PHASE I	54123F	171-445	7,064	(116)	Deferred from FY18 (PB14). PA reduced for inflation RMD	New
Guard	2019	3830	SPBN019139	Otis ANGB	MA	Consolidate Base Civil Engineer Facilities	52276F	219-944	6,600		was FY18 (PB14).	Existing
Guard	2019	3830	TDV/G049136	Alpena County Regional Airport	MI	Replace Troop Training Quarters	52276F	725-517	9,200	(400)	Was Out of FYDP (PB14)	New
Guard	2019	3830	PTFL000605	Joint Base McGuire-Dix-Lakehurst	NJ	Replace Vehicle Maintenance Complex	52276F	214-425	5,400	(200)	Was FY18 (PB14).	New
Guard	2019	3830	EUBC009109	Camp Perry ANG Station	OH	RED HORSE Logistics Complex	52276F	442-758	5,600			

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 FY14 PB	Explanation of Changes	Footprint
Guard	2019	3830	PAYZ190005	Unspecified	VL	Planning and Design	52276F	961-000	12,800	6,797	PA increased by \$6.797M	
Guard	2019	3830	PAYZ190006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	13,000	1,000	PA increased by \$1M	
Guard	2019	3830	LYBH049066	Yeager Airport	WV	Force Protection- Relocate Coonskin Road	52276F	851-147	4,920	(61)	Was FY16 in PB14. PA reduced for inflation RMD	New
						TOTAL MAJOR CONSTRUCTION			76,943			

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

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 14 PB	Explanation of Changes	Footprint
Guard	2016	3830	BRKR009063	Birmingham International Airport	AL	Security and Services Training Facility	52276F	730-835	6,400	0	Was out of FYDP in FY14 - now Tag #2 for state	New
Guard	2017	3830	FAKZ069173	Montgomery Regional Airport (ANGB)	AL	TF1 - Replace Squadron Operations Facility	52276F	141-753	7,129	(71)	Deferred from FY16 in FY14PB. State #1 pri. PA reduced for inflation RMD	Existing
Guard	2016	3830	HKRZ129076	Ft Smith Municipal Airport	AR	NDAA Construct DGS RPA IS SCIF	55208F	141-454	13,200	(151)	Beddown of new mission. Combined facility for 3 missions (RPA, Targeting, DGS). PA reduced for inflation RMD	New
Guard	2016	3830	QMSN099104	Moffett Federal Airfield	CA	Replace Vehicle Maintenance Facility	52276F	214-425	6,426	(75)	Deferred from FY14 in the FY13PB. PA Changed to balance (reduced \$800K). PA reduced for inflation RMD	Existing
Guard	2018	3830	CRWU069125	Buckley Air Force Base	CO	ASE Maintenance and Storage Facility	52276F	218-712	5,051	(60)	Was FY18 in FB14. PA reduced for inflation RMD	Existing
Guard	2018	3830	CEKT139042	Bradley International Airport	CT	Construct Small Air Terminal	54332F	171-873	4,951	(49)	Support beddown of new C-130 mission. PA reduced for inflation RMD	New
Guard	2017	3830	JLWS019054	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
Guard	2019	3830	LSGA019179	Jacksonville International Airport	FL	Replace Fire Crash/Rescue Station	52276F	130-142	8,839	(661)	Was FY18 (FY14PB). Previous state priority was #1. No state pri submitted in 2015 call. No BCAMP validation. Base not primary FD response on Airfield.	New
Guard	2017	3830	XDQU949500	Savannah/Hilton Head IAP	GA	C-130 Squadron Operations Facility	52276F	141-753	9,010	(90)	Was FY16 in FY14PB. PA reduced for inflation RMD.	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 14 PB	Explanation of Changes	Footprint
Guard	2018	3830	SAKW109201	Northwest Field-Anderson AFB	GU	RED HORSE Operational Facility	52276F	171-445	5,200	(300)	Was out of FYDP (PB14)	New
Guard	2016	3830	FFAN139009	Des Moines International Airport	IA	NDA: 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	JLQ049119	General Wayne A. Downing Peoria IAP	IL	Construct Fire Crash/Rescue Station	52276F	130-142	8,714	(66)	Was out of FYDP in PB14. PA reduced for inflation RMD	Existing
Guard	2019	3830	LDXF129044	Hulman Regional Airport	IN	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 - Standiford	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	QLH079073	Naval Air Station Joint Reserve Base	LA	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	6,600		Deferred from FY18 (PB14).	Existing

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Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Changes from FY 14 PB	Explanation of Changes	Footprint
Guard	2017	3830	FKNM089220	Bangor International Airport	ME	Add to and Alter Fire Crash/Rescue Station	52276F	130-142	6,900	(300)	Out of FYDP from 2017 (PB14).	New
Guard	2019	3830	TDVG049136	Alpena County Regional Airport	MI	Replace Troop Training Quarters	52276F	725-517	9,200	(400)	Was Out of FYDP (PB14)	New
Guard	2017	3830	FMKM089018	Duluth International Airport	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	7,623	(75)	Was FY17 in PB14. PA reduced for inflation RMD	New
Guard	2018	3830	LRXQ989041	Jackson International Airport	MS	Security Forces and Medical Training Facility	52276F	730-835	8,000	0	Was FY18 (PB14).	New
Guard	2018	3830	FJRP089066	Charlotte/Douglas International Airport	NC	Replace C-130 Squadron Operations Facility	52276F	141-753	9,011	(89)	Deferred from FY16 in PB14. PA reduced for inflation RMD	New
Guard	2016	3830	KKGA129066	Hector International Airport	ND	Intel Targeting Facilities	53117F	141-454	5,239	500	Beardown of new mission. PA reduced for inflation RMD	New
Guard	2016	3830	SZCQ139903	Pease International Tradeport ANG	NH	KC-46A ADAL FLT SIM BLD 156	51413F	171-212	2,768	(32)	New from PB14. Beardown of KC-46. PA reduced for inflation RMD	Existing
Guard	2017	3830	SZCQ139902	Pease International Tradeport ANG	NH	KC-46A Install FUSELAGE TRAINER (BLD 251)	51413F	171-212	1,485	(15)	New from PB14 - Beardown of KC-46. PA reduced for inflation RMD	Existing

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Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Changes from FY 14 PB	Explanation of Changes	Footprint
Guard	2016	3830	AQRC059093	Atlantic City International Airport	NJ	Fuel Cell and Corrosion Control Hangar and Shops	52276F	211-179	10,084	(117)	Deferred from 2017 in PB14. May have 25 year lease issue. PA reduced for inflation RMD	New
Guard	2019	3830	PTFL000605	Joint Base McGuire-Dix-Lakehurst	NJ	Replace Vehicle Maintenance Complex	52276F	214-425	5,400	(200)	Was FY18 (PB14).	New
Guard	2016	3830	RVKQ139005	Niagara Falls International Airport	NY	Remotely Piloted Aircraft Beddown, Building 912	53218F	141-753	5,931	(69)	PA reduced for inflation RMD	
Guard	2018	3830	WKVB089082	Francis S. Gabreski Airport	NY	Add to and Alter Maintenance Complex	52276F	211-152	8,300		Deferred from FY16 (PB14).	New
Guard	2019	3830	EUBC009109	Camp Perry ANG Station	OH	RED HORSE Logistics Complex	52276F	442-758	5,600			
Guard	2016	3830	YZEU139006	Will Rogers World Airport	OK	Medium Altitude Manned ISR Beddown	53230F	211-111	9,886	(115)	PA reduced for inflation RMD	
Guard	2016	3830	KJAC089058	Klamath Falls Airport - Kingsley Field	OR	Replace Fire Station	52276F	130-142	6,800	(200)	was FY17 (PB14).	New
Guard	2016	3830	TWLR039103	Quonset State Airport	RI	Replace Fire Station	52276F	130-142	10,000		Was FY15 (FY13 PB)	New
Guard	2018	3830	PSTE009070	McEntire Joint National Guard Base	SC	Replace Operations and Training Facility	52276F	171-445	7,328	(72)	Was FY18 in PB14. PA reduced for inflation RMD	New

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Component	FY	APPN	Project Number	Installation	State	Project Title	Program Element Code	Facility Category Code	Budget Amount (\$000)	Changes from FY 14 PB	Explanation of Changes	Footprint
Guard	2018	3830	LUXC090042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-712	11,500	(759)	Was FY17 (PB14).	New
Guard	2019	3830	LYBH049066	Yeager Airport	WV	Force Protection- Relocate Coonskin Road	52276F	851-147	4,920	(81)	Was FY16 in PB14. PA reduced for inflation RMD	New
Guard	2016	3830	PAYZ160006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	14,355	4,855	PA increased by \$4.855M	
Guard	2016	3830	PAYZ160005	Unspecified	VL	Planning and Design	52276F	961-000	11,850	3,200	PA increased by \$3.2M	
Guard	2017	3830	PAYZ170006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	11,200	6,200	PA increased by \$6.2M	
Guard	2017	3830	PAYZ170005	Unspecified	VL	Planning and Design	52276F	961-000	11,000	7,800	PA increased by \$7.8M	
Guard	2018	3830	PAYZ180006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	12,000	6,000	PA increased by \$6M	
Guard	2018	3830	PAYZ180005	Unspecified	VL	Planning and Design	52276F	961-000	14,950	10,050	PA increased by \$10.05M	
Guard	2019	3830	PAYZ190005	Unspecified	VL	Planning and Design	52276F	961-000	12,800	6,797	PA increased by \$6.797M	
Guard	2019	3830	PAYZ190006	Unspecified	VL	Unspecified Minor Construction	52276F	962-000	13,000	1,000	PA increased by \$1M	

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