

**Fiscal Year (FY) 2019 Budget Estimates**

# **AIR FORCE RESERVE**



## **FY 2019 MILITARY CONSTRUCTION PROGRAM**

**February  
2018**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION  
OF ESTIMATES FOR FISCAL YEAR 2019**

TABLE OF CONTENTS

Table of Contents.....	i
FY 2019 Military Construction Projects List By State.....	ii
FY 2019 Military Construction Projects New/Current Mission, Environmental List.....	iii

*SECTION 1 - SPECIAL PROGRAM CONSIDERATIONS*

FY 2019 Pollution Abatement/Energy Conservation Listing.....	b-i
--	-----

*SECTION 2 - BUDGET APPENDIX EXTRACT*

FY 2019 Appropriations Language .....	c-i
Special Program Considerations .....	c-ii

*SECTION 3 - INSTALLATIONS AND PROJECT JUSTIFICATION DATA  
DD FORMS 1390 AND DD FORMS 1391*

Major Construction, Air Force Reserve .....	1
Unspecified Minor Construction, Air Force Reserve .....	24

*SECTION 4 - PLANNING AND DESIGN*

Planning and Design, Air Force Reserve .....	26
--	----

*SECTION 5 - FUTURE YEARS DEFENSE PROGRAM*

Future Years Military Construction Projects List.....	28
---	----

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM  
(DOLLARS IN THOUSANDS)**

**MAJOR CONSTRUCTION**

FY 2019 MILITARY CONSTRUCTION PROJECTS LIST

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH OF APPROP AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>DD FORM 1391 PAGE #</u>
Indiana	Grissom ARB Add/Alter Aircraft Maintenance Hangar	<u>12,100</u>	<u>12,100</u>	2
Minnesota	Minneapolis-St. Paul IAP Small Arms Range	<u>9,000</u>	<u>9,000</u>	7
Mississippi	Keesler AFB Aeromedical Staging Squadron Facility	<u>4,550</u>	<u>4,550</u>	11
New York	Niagara Falls IAP Physical Fitness Center	<u>14,000</u>	<u>14,000</u>	16
Texas	Naval Air Station JRB Ft. Worth Munitions Training/Admin Facility	<u>3,100</u>	<u>3,100</u>	20
	<b>SUBTOTAL</b>	42,750	42,750	
	<b>TOTAL IN THE UNITED STATES</b>	42,750	42,750	
	Unspecified Minor Construction	3,358	3,358	
	Planning & Design	<u>4,055</u>	<u>4,055</u>	
	<b>GRAND TOTAL</b>	<b>50,163</b>	<b>50,163</b>	

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM  
(DOLLARS IN THOUSANDS)**

**MAJOR CONSTRUCTION**

FY 2019 MILITARY CONSTRUCTION PROJECTS  
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

<u>LOCATION</u>	<u>PROJECT</u>	<u>COST</u>	NEW, CURRENT <u>ENVIR</u>	<u>FOOTPRINT</u>
Indiana	Grissom ARB Add/Alter Aircraft Maintenance Hangar	<u>12,100</u>	Current	New
Minnesota	Minneapolis-St. Paul IAP Small Arms Range	<u>9,000</u>	Current	New
Mississippi	Keesler AFB Aeromedical Medical Staging Facility	<u>4,550</u>	Current	New
New York	Niagara Falls IAP Physical Fitness Center	<u>14,000</u>	Current	New
Texas	Naval Air Station JRB Ft. Worth Munitions Training/Admin Facility	<u>3,100</u>	Current	New
	<b>TOTAL</b>	<b>42,750</b>		
	<b>SUBTOTALS:</b>			
	New Mission	0		
	Current Mission	42,750		
	Environmental	0		
	Unspecified Minor Construction	3,358		
	Planning & Design	<u>4,055</u>		
	<b>FY 2019 APPROPRIATIONS TOTAL:</b>	<b>50,163</b>		

**SECTION 1**  
**SPECIAL PROGRAM CONSIDERATIONS**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM**

**MAJOR CONSTRUCTION**

**FY 2019 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING**

No special program considerations in FY 2019.

**SECTION 2**

**BUDGET APPENDIX EXTRACT**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM**

**FY 2019 APPROPRIATION LANGUAGE**

**MILITARY CONSTRUCTION, AIR FORCE RESERVE**

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, \$50,163,000 to remain available until September 30, 2023.



**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM**

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long-term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

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 in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the project's DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

### 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 these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

### Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

### Congressional Reporting Requirements

Page iii, titled "New/Current Mission, Environmental List," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

**SECTION 3**

**INSTALLATION AND PROJECT JUSTIFICATION DATA  
DD FORMS 1390 AND DD FORMS 1391**

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018												
3. INSTALLATION AND LOCATION  GRISSOM AIR RESERVE BASE, INDIANA				4. AREA CONSTR COST INDEX  0.96													
5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None																	
7. PROJECTS REQUESTED IN THIS PROGRAM (FY18)																	
<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>211-111</td> <td>ADD/ALTER AIRCRAFT MAINTENANCE HANGAR</td> <td>4,133 SM</td> <td>12,100</td> <td>Dec 2017</td> <td>Dec 2018</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>	211-111	ADD/ALTER AIRCRAFT MAINTENANCE HANGAR	4,133 SM	12,100	Dec 2017	Dec 2018
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>												
211-111	ADD/ALTER AIRCRAFT MAINTENANCE HANGAR	4,133 SM	12,100	Dec 2017	Dec 2018												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Approved for unilateral construction, Apr 2016																	
9. LAND ACQUISITION REQUIRED  NONE				<i>(Number of Acres)</i>													
10. PROJECTS PLANNED IN NEXT FOUR YEARS																	
<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td>171-873</td> <td>Aerial Port Facility</td> <td>1,099</td> <td>9,400</td> <td>2021</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>	171-873	Aerial Port Facility	1,099	9,400	2021		
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>													
171-873	Aerial Port Facility	1,099	9,400	2021													
RPM BACKLOG AT THIS INSTALLATION (\$000): 16,072																	

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  FEB 2018
--------------------------------------	--	-------------------------

3. INSTALLATION AND LOCATION  
  
GRISSOM AIR RESERVE BASE, INDIANA

11. PERSONNEL STRENGTH AS OF JUL 2017

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	625	54	310	261	1,056	125	931
ACTUAL	690	65	345	280	1,088	131	957

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
434 Aerospace Medicine Squadron	65	67
434 Aircraft Maintenance Squadron	243	249
434 Air Refueling Wing	101	101
434 Civil Engineer Squadron	254	268
434 Communications Squadron	49	51
434 Contracting Flight	9	11
434 Force Support Squadron	83	85
434 Maintenance Group	107	115
434 Maintenance Squadron	65	75
434 Mission Support Group	212	245
434 Operations Group	23	26
434 Operations Squadron	14	15
434 Operations Support Squadron	109	111
434 Security Forces Squadron	148	150
49 Aerial Port Flight	72	79
622 Civil Engineer Group	8	9
72 Air Refueling Squadron	57	58
74 Air Refueling Squadron	59	60
Reserve North Recruiting	3	3
Total	1,681	1,778

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
KC-135R	16	16

1. COMPONENT AIR FORCE RESERVE		FY 2019 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2018	
3. INSTALLATION AND LOCATION GRISSOM AIR RESERVE BASE, INDIANA			4. PROJECT TITLE ADD/ALTER AIRCRAFT MAINTENANCE HANGAR			
5. PROGRAM ELEMENT 52576F		6. CATEGORY 211-111	7. PROJECT NUMBER CTGB989003	8. PROJECT COST (\$000) 12,100		
9. COST ESTIMATES						
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES					9,789	
MAINTENANCE HANGAR ADDITION		SM	1,240	3,751	(4,651)	
MAINTENANCE HANGAR ALTERATION		SM	2,893	1,710	(4,946)	
SDD & EPCAct 05 (2%)		LS			(192)	
SUPPORTING FACILITIES					675	
UTILITIES		LS			(103)	
COMMUNICATIONS		LS			(193)	
PAVEMENTS		LS			(273)	
SITE IMPROVEMENTS		LS			(106)	
SUBTOTAL					10,464	
CONTINGENCY (5%)					523	
TOTAL CONTRACT COST					10,987	
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					626	
DESIGN/BUILD – DESIGN COST (4%)					440	
TOTAL REQUEST					12,053	
TOTAL REQUEST (ROUNDED)					12,100	
EQUIPMENT FROM OTHER APPROPRIATIONS					(350)	
10. DESCRIPTION OF PROPOSED WORK: Add/Alter Aircraft Maintenance Hangar. Expand Nose Dock 5, B437, into an aircraft hangar by making the following additions and alterations: Extend metal building, concrete floor slab and foundations, truss and column steel frame, standing seam metal roof, add brick wainscot, high expansion foam fire suppression system, automatic aircraft doors, correct Occupational Safety and Health deficiencies, and provide handicap access. Upgrade electrical service and distribution, as well as modernize male and female latrines. Includes DoD antiterrorism force protection standards for buildings. This project will incorporate applicable US Air Force High Performance Green Building (HPGB) and/or Green Design and Development objectives per EPCAct 2005 and CFR Title 10 Part 433, building commissioning, materials selection, and indoor environmental quality. Air Conditioning – 15 Tons.						
11. REQUIREMENT: 8,622 SM                      ADEQUATE: 4,489 SM                      SUBSTANDARD: 4,133 SM						
<u>PROJECT:</u> Add/Alter Aircraft Maintenance Hangar (Current Mission)						
<u>REQUIREMENT:</u> A modern maintenance hangar is required that fully encloses the assigned KC-135R aircraft in order to provide the maintenance and inspections essential to the readiness of the 434 <sup>th</sup> Air Refueling Wing (ARW). Nose Dock 5 is essential to the efficient and timely performance of maintenance and inspections required for assigned and transient aircraft.						
<u>CURRENT SITUATION:</u> Currently the 434 <sup>th</sup> ARW is authorized nose docks and a corrosion control hangar for the maintenance of 16 assigned KC-135R aircraft. Nose Dock 5 needs an addition to convert it to a fully covered hangar. The performance of maintenance personnel, the safety of maintenance operations, and the readiness of the 434 <sup>th</sup> ARW are adversely impacted by periods of bad weather. Critical maintenance and inspections on the tail sections are consequently delayed and or impaired by hail, lightning, freezing rain, high winds and extremely low temperatures. During the past three years aircraft maintenance was stopped 46 times due to lightning within a 5 mile radius. Aircraft maintenance would not be stopped in a fully enclosed hangar because of lightning. Existing Nose Dock 5 doors providing access for the aircraft are manually operated. They are pushed open/closed by 3 people. Electric doors would save an estimated 700 labor hours per year. The door rail tracks are no longer properly aligned. Door wheels are worn and need replacement. Consequently door opening/closure requires careful scrutiny by all personnel to insure that nothing causes a derailment. Electric doors would also greatly reduce the chance of injury to personnel. The facility lacks proper climate control for administrative activities and the storage of essential materials. Currently latrines do not provide access for handicapped personnel nor adequate female rest rooms and showers. Asbestos materials on the mechanical systems increase the cost of routine maintenance and repair work by an estimated 40 labor hours per year. The wall and roof insulation are not energy efficient. Additionally the door and window seals do not seal in energy. The 2011 natural gas consumption for Nose Dock 5 was 2,181,350 cubic feet.						

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>  FEB 2018
<b>3. INSTALLATION AND LOCATION</b> GRISSOM AIR RESERVE BASE, INDIANA		
<b>4. PROJECT TITLE</b> ADD/ALTER AIRCRAFT MAINTENANCE HANGAR		<b>5. PROJECT NUMBER</b> CTGB989003
<p><b>CURRENT SITUATION (CONT'D):</b> The 2011 cost differential for natural gas between Dock 5 and Dock 2 was \$8,785 (Dock 5 being considerably higher). Nose Dock 5 has not been renovated and consequently does not meet Air Force goals. Nose Dock 2 has been renovated and meets the Air Force energy conservation goals. There is no mass notification system in the facility. Nose Dock 5 does not conform to current building, plumbing and electrical code requirements. These code deficiencies and the age and worn condition of the interior finishes impact personnel safety and detract from the appearance of the building. Throughout most of the year, the weather at Grissom ARB changes daily. Storms in the Canadian Arctic, Gulf of Mexico, Great Plains, Great Lakes and Atlantic Coast often influence/change Grissom weather every few hours. An additional covered hangar is badly needed to allow aircraft maintenance activity to proceed regardless of weather conditions.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The safety of maintenance operations and mission readiness of the 434 ARW will continue to be adversely impacted by the lack of a modern aircraft hangar. The operation of facility 437 will continue to be excessively expensive due to poor energy efficiency. The lack of adequate latrines and handicapped access will continue to not conform to the Air Force Standards.</p> <p><b>ADDITIONAL:</b> This project meets the criteria/scope specified in Air Force Manual 10-1084 "Air Force Standard Facility Guidance" and AFRCH 32-1001 "Facility Requirements" POCs: 434 MSG/CECP, Plans and Programs, DSN 388-3070; HQ AFRC/A4CD, AFRC MILCON Program Manager, DSN 497-1995. The project is candidate for Comprehensive Interior Design (CID). All known alternatives were considered during the development of this project. Equipment from other appropriations: \$150K for equipment and furnishings. New Work: 4,133 SM = 44,487 SF.</p> <p><b>JOINT USE CERTIFICATION:</b> This facility can be utilized by other organizations on an "as available" basis; however, the scope of this project is based on Air Force Reserve requirements.</p>		

1. COMPONENT AIR FORCE RESERVE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEB 2018																
3. INSTALLATION AND LOCATION GRISSOM AIR RESERVE BASE, INDIANA																		
4. PROJECT TITLE  ADD/ALTER AIRCRAFT MAINTENANCE HANGAR	5. PROJECT NUMBER  CTGB989003																	
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. ESTIMATED EXECUTION DATA</p> <p>1. ACQUISITION STRATEGY (Design Build)</p> <p>2. DESIGN DATA</p> <p>a. Design or Request for Proposal (RFP) Started: (Dec 2017)</p> <p>b. Percent of Design Completed as of Jan 2018: (15%)</p> <p>c. Design or RFP Complete: (Dec 2018)</p> <p>d. Total Design Cost (\$000): (1,210)</p> <p>e. Energy Study and/or Life Cycle Analysis performed: (No)</p> <p>f. Standard or definitive design used: (No)</p> <p>3. CONSTRUCTION DATA</p> <p>a. Construction Award ( Mar 2019 )</p> <p>b. Construction Start ( Jun 2019 )</p> <p>c. Construction Complete ( Mar 2021 )</p> <p>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</p> <table border="1" data-bbox="142 1171 1351 1352"> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furniture / Storage Equipment</td> <td>3740</td> <td>FY 2021</td> <td>100</td> </tr> <tr> <td>Interior Design Services</td> <td>3740</td> <td>FY 2020</td> <td>50</td> </tr> <tr> <td>Communications Equipment</td> <td>3740</td> <td>FY 2020</td> <td>200</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furniture / Storage Equipment	3740	FY 2021	100	Interior Design Services	3740	FY 2020	50	Communications Equipment	3740	FY 2020	200
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)															
Furniture / Storage Equipment	3740	FY 2021	100															
Interior Design Services	3740	FY 2020	50															
Communications Equipment	3740	FY 2020	200															



1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018												
3. INSTALLATION AND LOCATION  MINNEAPOLIS-ST. PAUL AIR RESERVE STATION, MINNESOTA					4. AREA CONSTR COST INDEX 1.16												
5. FREQUENCY AND TYPE UTILIZATION Daily use by AGR force. One unit training assembly per month, 15 days annual field training per year.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Minnesota NGB, MN																	
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-475</td> <td>SMALL ARMS RANGE</td> <td>1,900 SM</td> <td>9,000</td> <td>Sep 2017</td> <td>Sep 2018</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>	171-475	SMALL ARMS RANGE	1,900 SM	9,000	Sep 2017	Sep 2018
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>												
171-475	SMALL ARMS RANGE	1,900 SM	9,000	Sep 2017	Sep 2018												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Approved for Unilateral Construction, June 2017																	
9. LAND ACQUISITION REQUIRED  NONE					<i>(Number of Acres)</i>												
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>							
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>													
RPM BACKLOG AT THIS INSTALLATION (\$000): 65,000																	

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  FEB 2018
--------------------------------------	--	-------------------------

3. INSTALLATION AND LOCATION  
  
MINNEAPOLIS-ST. PAUL AIR RESERVE STATION, MINNESOTA

11. PERSONNEL STRENGTH AS OF JUL 2017

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		<u>ENLISTED</u>
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	
AUTHORIZED	448	93	147	208	1,217	186	1,031
ACTUAL	448	93	147	388	1,217	186	1,031

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	STRENGTH	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
27 Aerial Port Squadron	184	184
934 Aeromed Evac Squadron	80	80
934 Aircraft Maintenance Squadron	137	137
934 Aeromed Staging Squadron	151	151
934 Air Wing	88	88
934 Civil Engineer Squadron	218	218
934 Contracting Flight	9	9
934 Communications Squadron	61	61
934 Force Support Squadron	83	83
934 Logistics Readiness Squadron	107	107
934 Mission Support Group	12	12
934 Maintenance Group	43	43
934 Maintenance Squadron	147	147
934 Operations Group	13	13
934 Operations Support Squadron	58	58
934 Security Forces Squadron	152	152
96 Airlift Squadron	118	118
Recruit Squadron	4	4
Total	1,665	1,665

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-130H	8	8

1. COMPONENT AIR FORCE RESERVE		FY 2019 MILITARY CONSTRUCTION PROJECT DATA			3. DATE  FEB 2018	
3. INSTALLATION AND LOCATION MINNEAPOLIS-ST. PAUL AIR RESERVE STATION, MINNESOTA			4. PROJECT TITLE SMALL ARMS RANGE			
5. PROGRAM ELEMENT 52576F		6. CATEGORY 179-475	7. PROJECT NUMBER QJKL140005		8. PROJECT COST (\$000) 9,000	
9. COST ESTIMATES						
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES					7,434	
INDOOR SMALL ARMS RANGE		SM	1,900	3,805	(7,230)	
ANTI-TERRORISM (1%)		LS	1	68	(68)	
SDD & EPAAct05 (2%)		LS	1	136	(136)	
SUPPORTING FACILITIES					869	
UTILITIES		LS			(91)	
COMMUNICATIONS		LS			(90)	
PARKING AREA		LS			(150)	
SITE IMPROVEMENTS		LS			(310)	
SUBTOTAL					8,075	
CONTINGENCY (5%)					404	
TOTAL CONTRACT COST					8,479	
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					483	
TOTAL REQUEST					8,962	
TOTAL REQUEST (ROUNDED)					9,000	
EQUIPMENT FROM OTHER APPROPRIATIONS					(60)	
10. DESCRIPTION OF PROPOSED WORK: Design, plan and construct an Indoor Small Arms Range to be a live fire range facility. Construction shall consist of overhead safety baffles, movable targets, heat and ventilation system, lighting, public-address system, fire detection system, and bullet-resistant enclosure with support structures in accordance with Engineering Technical Letter 11-18 Small Arms Range Design and Construction. Construct supporting utilities and walkways as required. Project shall comply with antiterrorism/force protection requirements identified in the DoD unified Facilities Criteria.						
11. REQUIREMENT: 1,900 SM                      ADEQUATE: 0 SM                      SUBSTANDARD: 1,900 SM						
<u>PROJECT:</u> Construct a fully contained indoor small arms range. (Current Mission)						
<u>REQUIREMENT:</u> A properly sized, configured and fully contained Indoor Small Arms Range is required to provide adequate training to military personnel that require certification in the use of up to 45 caliber handguns, 12 gauge shotguns, and rifles up to 7.62mm. The facility requires support space for range supplies and for target storage. Support areas will be included in the primary facility. An indoor range is required to facilitate weapons training even during hours of darkness, accumulation of snow and sub-freezing temperatures. An indoor range will allow personnel to conduct night firing at any given time by lowering light levels to simulate darkness and provide required uninterrupted military training.						
<u>CURRENT SITUATION:</u> Existing outdoor range is in violation of Engineering Technical Letter (ELT) 11-18, <i>Small Arms Range Design and Construction</i> and presents hazards associated with an open air "Blue Sky" between the firing line and the bullet collector, potentially allowing stray rounds and ricochets to leave the confines of the range creating a safety hazard down range. This range cannot be closed down due to its mission criticality so operational safety procedures are in place to minimize any dangers. This range is currently used by the 934 <sup>th</sup> Airlift Wing and the 133 <sup>rd</sup> Minnesota Air National Guard.						
<u>IMPACT IF NOT PROVIDED:</u> If the range was closed the 934 <sup>th</sup> Airlift Wing would not be able to support their primary missions and forward deploy Airmen who are qualified and proficient with their primary duty weapon. The nearest acceptable small arms range is over 150 miles away.						
<u>ADDITIONAL:</u> Wing POC: 934 <sup>th</sup> MSG/CEC, DSN: 783-1979. The decision to convert this outdoor/open air range to a fully contained indoor range was validated as there are no other cost effective alternatives available to correct this safety concern. NEW WORK: 1,900 SM = 20,451 SF.						
<u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.						

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>  FEB 2018
---	---	--------------------------------

**3. INSTALLATION AND LOCATION**  
 MINNEAPOLIS-ST. PAUL AIR RESERVE STATION, MINNESOTA

<b>4. PROJECT TITLE</b>  SMALL ARMS RANGE	<b>5. PROJECT NUMBER</b>  QJKL140005
---	--

12. SUPPLEMENTAL DATA:

A. ESTIMATED EXECUTION DATA

1. ACQUISITION STRATEGY (Design Bid Build)

2. DESIGN DATA

- a. Design or Request for Proposal (RFP) Started: (Sep 2017)
- b. Percent of Design Completed as of Jan 2018: (35%)
- c. Design or RFP Complete: (Sep 2018)
- d. Total Design Cost (\$000): (900)
- e. Energy Study and/or Life Cycle Analysis performed: (No)
- f. Standard or definitive design used (No)

3. CONSTRUCTION DATA

- a. Construction Award (Nov 2018)
- b. Construction Start (May 2019)
- c. Construction Complete (Feb 2021)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	3740	FY 2020	60

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018												
3. INSTALLATION AND LOCATION  KEESLER AIR FORCE BASE, MISSISSIPPI				4. AREA CONSTR COST INDEX 0.87													
5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None																	
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-450</td> <td>AEROMEDICAL STAGING SQUADRON FACILITY</td> <td>1,260 SM</td> <td>5,000</td> <td>Oct 2017</td> <td>Sep 2018</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>	171-450	AEROMEDICAL STAGING SQUADRON FACILITY	1,260 SM	5,000	Oct 2017	Sep 2018
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>												
171-450	AEROMEDICAL STAGING SQUADRON FACILITY	1,260 SM	5,000	Oct 2017	Sep 2018												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Approved for unilateral construction, Jun 2013																	
9. LAND ACQUISITION REQUIRED <span style="float: right;"><i>(Number of Acres)</i></span>  NONE																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>		None					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>													
	None																
RPM BACKLOG AT THIS INSTALLATION (\$000): 13,951																	

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018		
3. INSTALLATION AND LOCATION							
KEESLER AIR FORCE BASE, MISSISSIPPI							
11. PERSONNEL STRENGTH AS OF JAN 2015							
	<b>PERMANENT (ARTs, AGRs, Non-ART Civilians)</b>				<b>GUARD/RESERVE</b>		
	<b><u>TOTAL</u></b>	<b><u>OFFICER</u></b>	<b><u>ENLISTED</u></b>	<b><u>CIVILIAN</u></b>	<b><u>TOTAL</u></b>	<b><u>OFFICER</u></b>	<b><u>ENLISTED</u></b>
<b>AUTHORIZED</b>	248	61	161	26	613	110	503
<b>ACTUAL</b>	276	59	192	25	1,001	141	860
12. RESERVE UNIT DATA							
	<b><u>UNIT DESIGNATION</u></b>			<b>STRENGTH</b>			
				<b><u>AUTHORIZED</u></b>			<b><u>ACTUAL</u></b>
	403 Aeromedical Staging Squadron			131			136
	403 Aircraft Maintenance Squadron			104			119
	403 Civil Engineer Squadron			0			95
	403 Communications Flight			15			24
	403 Force Support Squadron			52			68
	403 Logistics Readiness Squadron			82			117
	403 Maintenance Group			41			53
	403 Maintenance Squadron			134			260
	403 Mission Support Group			5			5
	403 Operations Group			9			17
	403 Operations Support Squadron			43			62
	403 Security Forces Squadron			67			85
	403 Wing			61			72
	53 Weather Reconnaissance Squadron			117			109
	815 Airlift Squadron			0			55
	Total			<u>861</u>			<u>1,277</u>
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<b><u>TYPE</u></b>	<b><u>AUTHORIZED</u></b>					<b><u>ASSIGNED</u></b>
	WC-130J	10					10
	C-130J	10					10

<b>1. COMPONENT</b> AIR FORCE RESERVE		<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b>  FEB 2018			
<b>3. INSTALLATION AND LOCATION</b>  KEESLER AIR FORCE BASE, MISSISSIPPI			<b>4. PROJECT TITLE</b>  AEROMEDICAL STAGING SQUADRON FACILITY					
<b>5. PROGRAM ELEMENT</b>  52576F		<b>6. CATEGORY CODE</b>  510-278	<b>7. PROJECT NUMBER</b>  MAHG063004		<b>8. PROJECT COST (\$000)</b>  4,550			
<b>9. COST ESTIMATE</b>								
<b>ITEM</b>					<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
PRIMARY FACILITY								3,411
AEROMEDICAL STAGING SQUADRON (ASTS)					SM	1,260	2,654	(3,344)
SDD & EP ACT 05								(67)
SUPPORTING FACILITIES								693
UTILITIES					LS			(247)
PAVEMENTS					LS			(239)
SITE IMPROVEMENTS					LS			(151)
COMMUNICATIONS					LS			(56)
SUBTOTAL								4,104
CONTINGENCY (5%)								205
TOTAL CONTRACT COST								4,309
SUPERVISION, INSPECTION, AND OVERHEAD (5.7%)								246
TOTAL REQUESTED								4,555
TOTAL REQUEST ROUNDED								4,550
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)								(706)
10. DESCRIPTION OF PROPOSED WORK: Construct single story ASTS facility with reinforced concrete foundation/slabs, masonry walls, brick veneer, and standing seam metal roof. Project includes HVAC, fire protection, site work, parking spaces, and all necessary utilities. Construction will comply with all applicable construction codes including hurricane-resistant construction criteria. This facility shall be designed and constructed in accordance with current AT/FP standards. Air Conditioning: 32 Tons								
11. REQUIREMENT: 1,260 SM                      ADEQUATE: 0 SM                      SUBSTANDARD: 587 SM								
<p><b>PROJECT:</b> Aeromedical Staging Squadron Facility (Current Mission)</p> <p><b>REQUIREMENT:</b> Properly configured and efficient Aeromedical Staging Squadron facility to accommodate squadron mission training and equipment storage requirements. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders.</p> <p><b>CURRENT SITUATION:</b> The existing facilities are inefficient/overcrowded resulting in the separation of the squadron. The unit's authorized manning has increased 65% (133 authorized / 148 assigned) since initial beddown and have moved to buildings 901 and 904. Collectively these facilities do not provide the proper or adequate space. While upgrades have been accomplished for short-term fixes, many of the offices are still overcrowded. In building 901, the classroom has been converted into office space for 8-15 Medical Technicians and three Diet Therapy Technicians. The seven Logistics Technicians share one small office which was originally a supply/storage room. The Nursing Skills Training has an office set-up in a closet and the subsequent training equipment is taking up space in the nursing training room. In building 904, Aerospace Medicine has six Flight Doctors, one Nurse Practitioner, two Family Doctors, one Physician Assistant, and three med techs in one office. There are two Dentists (three authorized) with five techs sharing three computers in one small office with large file cabinets storing dental records for 1500+ wing members. Often personnel will have to work longer days because they have to take turns using shared computers and office space in order to accomplish training and mission requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The unit will continue to use inappropriate spaces to accommodate their growth and mission, which puts the safety of the personnel utilizing those spaces as well as all of the people in the building in jeopardy.</p> <p><b>ADDITIONAL:</b> This project meets the criteria/scope specified in the Air Force Reserve Command Handbook 32-1001, Standard Facility Requirements. Base Civil Engineer: CSC/CE, DSN 597-5825. AFRC POC: HQ AFRC/A7CD, DSN 497-1995. New Work: 1,260 SM = 13,560 SF. This project is a candidate for comprehensive interior design. Equipment from other appropriations = \$482K for furnishings, \$224K for communications equipment.</p> <p><b>JOINT USE CERTIFICATION:</b> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force (Reserve) requirements.</p>								

1. COMPONENT AIR FORCE RESERVE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEB 2018
--------------------------------------	--	-------------------------

3. INSTALLATION AND LOCATION  
KEESLER AIR FORCE BASE, MISSISSIPPI

4. PROJECT TITLE  AEROMEDICAL STAGING SQUADRON FACILITY	5. PROJECT NUMBER  MAHG063004
---	-------------------------------------

12. SUPPLEMENTAL DATA:

A. ESTIMATED EXECUTION DATA

- 1. ACQUISITION STRATEGY (Design Bid Build)
- 2. DESIGN DATA
  - a. Design or Request for Proposal (RFP) Started: (Oct 2017)
  - b. Percent of Design Completed as of Jan 2018: (35%)
  - c. Design or RFP Complete: (Sep 2018)
  - d. Total Design Cost (\$000): (405)
  - e. Energy Study and/or Life Cycle Analysis performed: (No)
  - f. Standard or definitive design used (No)

- 3. CONSTRUCTION DATA
  - a. Construction Award ( Oct 2018 )
  - b. Construction Start ( Feb 2019 )
  - c. Construction Complete ( Dec 2020 )

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Systems Furniture	3740	FY 2020	482
Communications Equipment	3740	FY 2020	224



1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018												
3. INSTALLATION AND LOCATION  NIAGARA FALLS AIR RESERVE STATION, NEW YORK					4. AREA CONSTR COST INDEX 1.16												
5. FREQUENCY AND TYPE UTILIZATION Daily use by AGR force. One unit training assembly per month, 15 days annual field training per year.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS																	
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>740-674</td> <td>PHYSICAL FITNESS CENTER</td> <td>2,428 SM</td> <td>14,000</td> <td>Dec 2017</td> <td>Dec 2018</td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>	740-674	PHYSICAL FITNESS CENTER	2,428 SM	14,000	Dec 2017	Dec 2018
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>												
740-674	PHYSICAL FITNESS CENTER	2,428 SM	14,000	Dec 2017	Dec 2018												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Approved for Unilateral Construction, May 2015																	
9. LAND ACQUISITION REQUIRED  NONE					<i>(Number of Acres)</i>												
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>							
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>													
RPM BACKLOG AT THIS INSTALLATION (\$000): 49,000																	

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  FEB 2018
--------------------------------------	--	-------------------------

3. INSTALLATION AND LOCATION  
  
NIAGARA FALLS AIR RESERVE STATION, NEW YORK

11. PERSONNEL STRENGTH AS OF JUL 2017

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		<u>ENLISTED</u>
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	
AUTHORIZED	493	102	187	204	990	157	833
ACTUAL	511	109	197	205	998	158	840

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	STRENGTH	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
30 Aerial Port Squadron	125	124
328 Air Refueling Squadron	67	70
914 Aeromedical Evacuation Squadron	95	97
914 Aeromedical Staging Squadron	144	151
914 Aircraft Maintenance Squadron	113	110
914 Air Refueling Wing	93	95
914 Civil Engineer Squadron	210	215
914 Communications Squadron	59	60
914 Contracting Flight	11	11
914 Force Support Squadron	83	84
914 Contracting Flight	77	77
914 Maintenance Group	52	53
914 Maintenance Squadron	127	130
914 Mission Support Group	17	20
914 Operations Group	15	15
914 Operations Support Squadron	46	46
914 Security Forces Squadron	146	148
Recruit Squadron	3	3
Total	1,483	1,509

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
KC-135R	8	8

1. COMPONENT AIR FORCE RESERVE		<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>			4. DATE FEB 2018
3. INSTALLATION AND LOCATION NIAGARA FALLS AIR RESERVE STATION, NEW YORK			4. PROJECT TITLE PHYSICAL FITNESS CENTER		
5. PROGRAM ELEMENT 52576F	6. CATEGORY 740-674	7. PROJECT NUMBER RVKQ079104	8. PROJECT COST (\$000) 14,000		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					
PHYSICAL FITNESS FACILITY		SM	2,428	4,020.6	(9,762)
SDD & EPAct05 (2%)		LS			(195)
SUPPORTING FACILITIES					2,527
UTILITIES		LS			(615)
COMMUNICATIONS		LS			(46)
PAVEMENTS		LS			(659)
SITE IMPROVEMENTS		LS			(485)
DEMOLISH BUILDING 855		SM	900	505	(456)
DEMOLISH BUILDING 860		SM	528	505	(266)
SUBTOTAL					12,484
CONTINGENCY (5%)					624
TOTAL CONTRACT COST					13,108
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					747
TOTAL REQUEST					13,855
TOTAL REQUEST (ROUNDED)					14,000
EQUIPMENT FROM OTHER APPROPRIATIONS					(95)
10. DESCRIPTION OF PROPOSED WORK: Construct Physical Fitness Center to consist of lobby, administration, locker rooms, gymnasium, group exercise, fitness equipment space, storage, indoor running track, and racquetball courts. Construction will include: required site work, caissons, reinforced concrete foundation, steel structure, brick and exterior insulation finish system, roof, fire protection, mechanical, electrical, plumbing, and communications. Project to include an asphalt parking lot. Project shall comply with antiterrorism/force protection requirements identified in the DoD unified Facilities Criteria. Includes DoD antiterrorism force protection standards for buildings. This project will incorporate applicable US Air Force High Performance Green Building (HPGB) and/or Green Design and Development objectives per EPAct 2005 and CFR Title 10 Part 433, building commissioning, materials selection, and indoor environmental quality. Air Conditioning – 75 Tons.					
11. REQUIREMENT: 2,428 SM                      ADEQUATE: 0 SM                      SUBSTANDARD: 1,590 SM					
<u>PROJECT:</u> Construct Physical Fitness Center. (Current Mission)					
<u>REQUIREMENT:</u> A properly sized, configured fitness center for Niagara Air Reserve Station (ARS). The mission readiness of the 914 <sup>th</sup> Air Refueling Wing is largely dependent on the health, fitness, and morale of assigned Reserve and civilian employees. A properly sized and configured Physical Fitness Center is essential to improve all of these attributes. New construction is sited over the existing Training (Conference Center) Facility Building 860, which will be demolished along with the portions of the current Physical Fitness Center. Tennis courts are within the footprint and will be moved.					
<u>CURRENT SITUATION:</u> The existing Physical Fitness Center was constructed in 1955, is undersized and has significant deficiencies to include the facility envelope. The gymnasium does not provide adequate space for Reservists to accomplish fitness training for the number of Reservists assigned to Niagara Falls ARS. The electrical system, boilers and chillers are old and require frequent adjustment. Parking lot is inadequate for the size of the structure.					
<u>IMPACT IF NOT PROVIDED:</u> Without a new facility, fitness requirements may not be met since there is inadequate safe space for all required equipment. Lack of group fitness and stretch areas force people outside resulting in improper training practices. Maintenance costs as well as utility costs will continue to be high due to inefficient construction materials. Employees may experience impacts on health, fitness, and morale.					
<u>ADDITIONAL:</u> Wing POC: 914 <sup>th</sup> MSG/CEC, DSN: 238-3115. Cost estimate for construction was developed using a computer Parametric Cost Engineering System (PACES) 2007 Express Wizard. Equipment from Other Appropriations: \$40K is for furnishings, \$50K for communications equipment, and \$5K for interior design. NEW WORK: 2,428 SM = 26,125 SF.					
<u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air Force Reserve requirements.					

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>  FEB 2018	
<b>3. INSTALLATION AND LOCATION</b> NIAGARA FALLS AIR RESERVE STATION, NEW YORK			
<b>4. PROJECT TITLE</b>  PHYSICAL FITNESS CENTER		<b>5. PROJECT NUMBER</b>  RVKQ079104	
<b>12. <u>SUPPLEMENTAL DATA:</u></b>			
<b>A. ESTIMATED EXECUTION DATA</b>			
1. ACQUISITION STRATEGY		(Design Bid Build)	
2. DESIGN DATA			
a. Design or Request for Proposal (RFP) Started:		(Dec 2017)	
b. Percent of Design Completed as of Jan 2018:		(15%)	
c. Design or RFP Complete:		(Dec 2018)	
d. Total Design Cost (\$000):		(1,400)	
e. Energy Study and/or Life Cycle Analysis performed:		(No)	
f. Standard or definitive design used		(No)	
3. CONSTRUCTION DATA			
a. Construction Award		( Jan 2019 )	
b. Construction Start		( Jun 2019 )	
c. Construction Complete		( Mar 2021 )	
<b>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</b>			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	3740	FY 2020	40
Communications	3740	FY 2020	50
Interior Design	3740	FY 2020	5

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018																		
3. INSTALLATION AND LOCATION  NAS FORT WORTH JRB, TEXAS				4. AREA CONSTR COST INDEX  0.80																			
5. FREQUENCY AND TYPE UTILIZATION  Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None																							
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u></th> <th style="text-align: left;"><u>DESIGN</u></th> <th style="text-align: left;"><u>DESIGN</u></th> </tr> <tr> <th style="text-align: left;"><u>CODE</u></th> <th></th> <th></th> <th style="text-align: left;"><u>(\$000)</u></th> <th style="text-align: left;"><u>START</u></th> <th style="text-align: left;"><u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>216-642</td> <td>MUNITIONS TRAINING/ADMIN</td> <td>400 SM</td> <td>3,100</td> <td>Oct 2017</td> <td>Sep 2018</td> </tr> </tbody> </table>						<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>DESIGN</u>	<u>DESIGN</u>	<u>CODE</u>			<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>	216-642	MUNITIONS TRAINING/ADMIN	400 SM	3,100	Oct 2017	Sep 2018
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>DESIGN</u>	<u>DESIGN</u>																		
<u>CODE</u>			<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>																		
216-642	MUNITIONS TRAINING/ADMIN	400 SM	3,100	Oct 2017	Sep 2018																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Approved for unilateral construction, 26 Jan 2016																							
9. LAND ACQUISITION REQUIRED				<i>(Number of Acres)</i>																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> <tr> <th style="text-align: left;"><u>CODE</u></th> <th></th> <th></th> <th style="text-align: left;"><u>(\$000)</u></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>YEAR</u>	<u>CODE</u>			<u>(\$000)</u>			None						
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>YEAR</u>																			
<u>CODE</u>			<u>(\$000)</u>																				
	None																						
RPM BACKLOG AT THIS INSTALLATION (\$000): 40,245																							

1. COMPONENT AIR FORCE RESERVE	<b>FY 2019 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  FEB 2018		
3. INSTALLATION AND LOCATION  NAS FORT WORTH JRB, TEXAS							
11. PERSONNEL STRENGTH AS OF JAN 2017							
	<u>PERMANENT (ARTs, AGRs, Non-ART Civilians)</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>
<b>AUTHORIZED</b>	596	69	344	183	1,223	196	1,027
<b>ACTUAL</b>	524	59	309	156	1,268	229	1,039
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>				
			<u>AUTHORIZED</u>			<u>ACTUAL</u>	
	10 Air Force		70			73	
	301 Fighter Wing		103			111	
	301 Operations Group		13			7	
	301 Operations Support Flight		42			40	
	457 Fighter Squadron		41			43	
	301 Maintenance Group		54			42	
	301 Maintenance Squadron		292			307	
	301 Aircraft Maintenance Squadron		287			289	
	301 Mission Support Group		20			7	
	301 Civil Engineer Squadron		103			98	
	301 Security Forces Squadron		148			93	
	301 Force Support Squadron		58			77	
	301 Logistics Readiness Squadron		122			132	
	301 Communications Squadron		45			63	
	301 Contracting Flight		12			10	
	301 Medical Squadron		231			229	
	301 Aerial Port Squadron		123			132	
	AFRC Recruiting		16			16	
	822 Civil Engineering Flight		39			23	
			Total		1,819		1,792
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>		<u>AUTHORIZED</u>			<u>ASSIGNED</u>	
	F-16		24			27	

1. COMPONENT AIR FORCE RESERVE		FY 2019 MILITARY CONSTRUCTION PROJECT DATA			5. DATE FEB 2018
3. INSTALLATION AND LOCATION NAS FORT WORTH JRB, TEXAS			4. PROJECT TITLE MUNITIONS TRAINING/ADMIN FACILITY		
5. PROGRAM ELEMENT 52576F	6. CATEGORY 216-642	7. PROJECT NUMBER DDPM130007	8. PROJECT COST (\$000) 3,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					1,872
MUNITIONS TRAINING/ADMIN FACILITY		SM	400	4,588	(1,835)
SDD & EPA05 (2%)		LS			( 37)
SUPPORTING FACILITIES					906
UTILITIES		LS			( 161)
SITE IMPROVEMENTS		LS			( 72)
PAVEMENTS		LS			( 156)
COMMUNICATIONS		LS			( 35)
EXTERIOR COMMUNICATIONS CABLE PLANT		LS			(482)
SUBTOTAL					2,778
CONTINGENCY (5%)					139
TOTAL CONTRACT COST					2,917
SUPERVISION, INSPECTION, OVERHEAD (5.7%)					166
TOTAL REQUEST					3,083
TOTAL REQUEST ROUNDED					3,100
FUNDING FROM OTHER APPROPRIATIONS					(153)
10. DESCRIPTION OF PROPOSED WORK: Construct a 400 SM (4,300 SF) one-story structure consisting of reinforced concrete foundation and floor slab, walls and roof to be compatible with surrounding facilities, fire protection, vehicle parking lot, sidewalks, exterior lighting, and support facilities. Project to include communications infrastructure to support NIPRNET and voice service to the building. This project shall incorporate all applicable aspects of the AFRC Energy Policy. 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. Air Conditioning: 15 Tons					
11. REQUIREMENT: 400 SM                      ADEQUATE: 46 SM                      SUBSTANDARD: 200 SM <u>PROJECT:</u> Construct Munitions Training/Admin Facility. (Current Mission). <u>REQUIREMENT:</u> As part of Total Force Integration (TFI), ACC and AFRC are jointly establishing an active duty associate with 24 F-16 aircraft. The association will include both operations and maintenance personnel. Full time maintenance positions will increase from 25 to 34. A new building, adjacent to the US Navy owned Building 3355, is necessary to provide adequate, efficient, and properly configured administrative and training space for the integrated RegAF and AFRC aircraft munitions function. <u>CURRENT SITUATION:</u> Administrative, training, and munitions spaces currently occupy 2,549 NSF in the joint used, but US Navy owned, Building 3355. The spaces within the existing facility are cramped, in poor condition, and do not support efficient integration of RegAF and AFRC maintenance personnel. Since this facility is owned by the US Navy, an addition to this existing building is not practical. New facility to support integrated training and maintenance operations will be constructed adjacent to existing degraded Navy facility in order to maintain access to munitions storage yard. <u>IMPACT IF NOT PROVIDED:</u> TFI between ACC and AFRC will be extremely difficult if additional administrative and training space is not constructed for assigned personnel. Inadequate munitions training opportunities will not just affect the overall mission but will also affect safe storage and transport of training munitions. Degraded training opportunities for assigned Reservists and RegAF personnel during limited Unit Training Activity weekends severely impedes the mission readiness of assigned airmen and increases the risk of catastrophic accidents during real-world mission performance. <u>ADDITIONAL:</u> POC: 301 MSG/BCE, DSN 739-6297, COMM (817) 782-6297. At the FOCUS Programming Workshop held 30 Jul - 3 Aug 2012, a decision was made to construct a Munitions Training/Admin Facility. Equipment from Other Appropriations: \$90K is for furnishings, \$43K for communications equipment, and \$20K for interior design. 400 SM = 4,300 GSF <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve and Regular Air Force integrated requirements.					

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>  FEB 2018	
<b>3. INSTALLATION AND LOCATION</b> NAS FORT WORTH JRB, TEXAS			
<b>4. PROJECT TITLE</b>  MUNITIONS TRAINING/ADMIN FACILITY		<b>5. PROJECT NUMBER</b>  DDPM130007	
<b>12. SUPPLEMENTAL DATA:</b>			
<b>A. ESTIMATED EXECUTION DATA</b>			
1. ACQUISITION STRATEGY		(Design Bid Build)	
<b>2. DESIGN DATA</b>			
a. Design or Request for Proposal (RFP) Started:		(Oct 2017)	
b. Percent of Design Completed as of Jan 2018:		(35%)	
c. Design or RFP Complete:		(Sep 2018)	
d. Total Design Cost (\$000):		(350)	
e. Energy Study and/or Life Cycle Analysis performed:		(No)	
f. Standard or definitive design used		(No)	
<b>3. CONSTRUCTION DATA</b>			
a. Construction Award		( Oct 2018 )	
b. Construction Start		( Mar 2019 )	
c. Construction Complete		( Sep 2020 )	
<b>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</b>			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Systems Furniture	3740	FY 2020	86
Communications Equipment	3740	FY 2020	67



**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF  
ESTIMATES FOR FISCAL YEAR 2019**

**APPROPRIATION:** MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION      \$3,358,000

**PART I - PURPOSE AND SCOPE**

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$6,000,000.

**PART II - JUSTIFICATION OF FUNDS REQUESTED**

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

<b>1. COMPONENT</b> AIR FORCE RESERVE		<b>FY 2019 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b>  FEB 2018		
<b>3. INSTALLATION AND LOCATION</b>  VARIOUS LOCATIONS				<b>4. PROJECT TITLE</b>  UNSPECIFIED MINOR CONSTRUCTION			
<b>5. PROGRAM ELEMENT</b>  52576F		<b>6. CATEGORY CODE</b>  962-000	<b>7. PROJECT NUMBER</b>  PAYZ 190341		<b>8. PROJECT COST (\$000)</b>  3,358		
<b>9. COST ESTIMATES</b>							
<b>ITEM</b>				<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
UNSPECIFIED MINOR CONSTRUCTION				LS	-	-	<u>3,358</u>
SUBTOTAL							3,358
TOTAL CONTRACT COST							3,358
TOTAL REQUEST							3,358
<b>10. Description of Proposed Construction:</b>							
<b>11. REQUIREMENT:</b> As required.							
<b>PROJECT:</b> Unspecified Minor Construction							
<b>REQUIREMENT:</b> This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$6,000,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY18.							
<b>IMPACT IF NOT PROVIDED:</b> No means to accomplish exigent projects costing less than \$6,000,000 will exist, severely degrading the ability of the Air Force Reserve to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.							

**SECTION 4**  
**PLANNING AND DESIGN**

1. COMPONENT AIR FORCE RESERVE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  FEB 2018			
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS			4. PROJECT TITLE  PLANNING AND DESIGN				
5. PROGRAM ELEMENT  52576F	6. CATEGORY CODE  961-000	7. PROJECT NUMBER  PAYZ 190313	8. PROJECT COST (\$000)  4,055				
<b>9. COST ESTIMATES</b>							
<b>ITEM</b>				<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
PLANNING AND DESIGN				LS	-	-	4,055
SUBTOTAL							4,055
TOTAL CONTRACT COST							4,055
TOTAL REQUEST							4,055
10. Description of Proposed Construction:							
11. REQUIREMENT: As required.							
<u>PROJECT:</u> Planning and Design.							
<u>REQUIREMENT:</u> Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission bed-down projects that received no previous planning and design funds. It is essential the AFR be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.							
<u>IMPACT IF NOT PROVIDED:</u> Continued design on this fiscal year program, as well as future year MILCON programs will be impossible.							

**SECTION 5**  
**FUTURE YEARS DEFENSE PROGRAM**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM  
FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (\$000)**

<b>FY</b>	<b>State</b>	<b>Base</b>	<b>Project</b>	<b>Type</b>	<b>Foot print</b>	<b>PA</b>
20	OH	Youngstown MAP	Relocate Main Gate	Current Mission	New	8,800
20	GA	Robins ARB	Consolidated Mission Complex Phase 2	Current Mission	New	33,000
				<b>Total Projects</b>		<b>41,800</b>
				<b>Planning &amp; Design</b>		<b>4,852</b>
				<b>Unspecified MC</b>		<b>3,785</b>
				<b>Total FY20 Program</b>		<b>50,437</b>
21	TX	Naval Air Station JRB Ft. Worth	F-35 Simulator Facility	New Mission	New	12,800
21	TX	Naval Air Station JRB Ft. Worth	F-35 Squadron Operations	New Mission	New	7,200
21	IN	Grissom ARB	Aerial Port Facility	Current Mission	New	9,100
21	OH	Youngstown MAP	Commercial Gate	Current Mission	New	7,400
21	FL	Homestead AFS	Live Ordinance Loading Area	Current Mission	New	3,300
21	GA	Dobbins ARB	Storm Water Retention Runway 29 Overrun	Current Mission	New	4,500
21	PA	Pittsburgh IAP	Combat Arms Training Facility	Current Mission	New	3,300
				<b>Total Projects</b>		<b>47,600</b>
				<b>Planning &amp; Design</b>		<b>4,593</b>
				<b>Unspecified MC</b>		<b>7,217</b>
				<b>Total FY21 Program</b>		<b>59,410</b>
22	DE	Dover AFB	512 <sup>th</sup> Operations Group Complex	Current Mission	New	13,000
22	FL	Patrick ARB	HC-130J General Maintenance Hangar	Current Mission	New	24,000
22	PA	Pittsburgh IAP	Wing Headquarters Facility	Current Mission	New	10,400
				<b>Total Projects</b>		<b>47,400</b>
				<b>Planning &amp; Design</b>		<b>3,807</b>
				<b>Unspecified MC</b>		<b>4,302</b>
				<b>Total FY22 Program</b>		<b>55,509</b>
23	GA	Robins AFB	Consolidated Mission Complex – Phase 3	Current Mission	New	40,000
				<b>Total Projects</b>		<b>40,000</b>
				<b>Planning &amp; Design</b>		<b>3,703</b>
				<b>Unspecified MC</b>		<b>3,340</b>
				<b>Total FY23 Program</b>		<b>47,043</b>