

Fiscal Year (FY) 2018 Budget Estimates

AIR FORCE RESERVE



FY 2018 MILITARY CONSTRUCTION PROGRAM

May 2017

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION
OF ESTIMATES FOR FISCAL YEAR 2018**

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

MAJOR CONSTRUCTION

FY 2018 MILITARY CONSTRUCTION PROJECTS LIST

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTHOR IZATION AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>DD FORM 1391 PAGE #</u>
Florida	Patrick AFB Guardian Angel Facility	<u>25,000</u>	<u>25,000</u>	2
Hawaii	JBPH Hickam Consolidated Training Facility	<u>5,500</u>	<u>5,500</u>	7
Massachusetts	Westover ARB Indoor Small Arms Range	<u>10,000</u>	<u>10,000</u>	12
North Carolina	Seymour Johnson AFB KC-46A ADAL for Alt Mission Storage	<u>6,400</u>	<u>6,400</u>	17
Utah	Hill AFB Add/Alter Life Support Facility	<u>3,100</u>	<u>3,100</u>	21
Guam	Andersen AFB Reserve Medical Training Facility	<u>5,200</u>	<u>5,200</u>	25
	Major Construction	55,200	55,200	
	Minor Construction		3,610	
	Planning and Design		4,725	
	GRAND TOTAL	55,200	63,535	

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

MAJOR CONSTRUCTION

FY 2018 MILITARY CONSTRUCTION PROJECTS
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

<u>LOCATION</u>	<u>PROJECT</u>	<u>COST</u>	<u>NEW, CURRENT ENVIR</u>	<u>FOOTPRINT</u>
Florida	Patrick AFB Guardian Angel Facility	<u>25,000</u>	Current	New
Hawaii	JBPH Hickam Consolidated Training Facility	<u>5,500</u>	Current	New
Massachusetts	Westover ARB Indoor Small Arms Range	<u>10,000</u>	Current	New
North Carolina	Seymour Johnson AFB KC-46A ADAL for Alt Mission Storage	<u>6,400</u>	Current	New
Utah	Hill ARB Add/Alter Life Support Facility	<u>3,100</u>	Current	New
Guam	Andersen AFB Reserve Medical Training Facility	<u>5,200</u>	Current	New
	TOTAL	55,200		
	SUBTOTALS:			
	New Mission	0		
	Current Mission	55,200		
	Environmental	0		
	Unspecified Minor Construction	3,610		
	Planning & Design	<u>4,725</u>		
	FY 2018 APPROPRIATIONS TOTAL:	63,535		

SECTION 1
SPECIAL PROGRAM CONSIDERATIONS

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

MAJOR CONSTRUCTION

FY 2018 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2018.

SECTION 2

BUDGET APPENDIX EXTRACT

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

FY 2018 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, \$63,535,000 to remain available until September 30, 2022.

**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	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAY 2017													
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA					4. AREA CONSTR COST INDEX 0.93													
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%; 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>141-454</td> <td>GUARDIAN ANGEL FACILITY</td> <td>6,047 SM</td> <td>25,000</td> <td>Oct 2016</td> <td>Aug 2017</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>	141-454	GUARDIAN ANGEL FACILITY	6,047 SM	25,000	Oct 2016	Aug 2017
<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>													
141-454	GUARDIAN ANGEL FACILITY	6,047 SM	25,000	Oct 2016	Aug 2017													
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%; 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> </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): 16,072																		

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION

PATRICK AIR FORCE BASE, FLORIDA

11. PERSONNEL STRENGTH AS OF AUG 2016

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		<u>ENLISTED</u>
	<u>TOT</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	
AUTHORIZED	<u>AL</u> 340	49	261	30	835	167	668
ACTUAL	332	43	260	29	1,029	158	871

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
920 Resuce Wing	54	57
920 Mission Support Group	11	9
920 Aeromedical Staging Squadron	134	201
920 Communications Flight	26	38
920 Force Support Squadron	38	51
920 Logistics Readiness Flight	43	58
920 Security Forces Squadron	67	79
920 Operations Group	21	15
920 Operations Support Squadron	65	75
920 Maintenance Group	41	45
920 Aircraft Maintenance Squadron	179	199
920 Maintenance Squadron	152	205
45 Security Forces Squadron	22	21
45 Medical Group	4	1
45 Space Wing	24	19
45 Force Support Squadron	2	1
45 Operations Support Squadron	2	1
45 Weather Squadron	2	1
45 Operations Group	2	1
45 Civil Engineer Squadron	13	7
AF Technical Application	6	11
AF Element Equal Opportunity	1	1
AFR East Recruiting Squadron	3	4
802 Field Investigations	2	2
301 Rescue Squadron	84	66
308 Rescue Squadron	97	111
39 Rescue Squadron	80	82
Total	1,175	1,361

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
HC-130N/P	5	6
HH-60G	8	9

1. COMPONENT AIR FORCE RESERVE		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			1. DATE MAY 2017
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA			4. PROJECT TITLE GUARDIAN ANGEL FACILITY		
5. PROGRAM ELEMENT 52576F	6. CATEGORY 141-454	7. PROJECT NUMBER SXHT103001	8. PROJECT COST (\$000) 25,000		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					18,862
GUARDIAN ANGEL FACILITY		SM	6,047	3,058	(18,492)
SDD & EAct 05 (2%)					(370)
SUPPORTING FACILITIES					4,100
UTILITIES		LS			(415)
PAVEMENTS		LS			(3)
SITE IMPROVEMENTS/STORMWATER		LS			(500)
DEMOLITION		SM	334	215	(72)
COMMUNICATIONS		LS			(275)
ENVIRONMENTAL REMEDIATION		LS			(50)
CONSTRUCT DISPLACED FACILITIES		SM	334	1,527	(510)
SPECIALIZED TRAINING		LS			<u>(2,275)</u>
SUBTOTAL					22,962
CONTINGENCY (5%)					<u>1,148</u>
TOTAL CONTRACT COST					24,110
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					<u>1,374</u>
TOTAL REQUEST					25,484
TOTAL REQUEST (ROUNDED)					25,000
EQUIPMENT FROM OTHER APPROPRIATIONS					(3,400)
10. DESCRIPTION OF PROPOSED WORK: Construct Guardian Angel Operations. Facility construction will include split-face masonry block, reinforced concrete foundation and floor slab, structural steel frame, standing seam metal roof, restrooms, locker rooms, and shower rooms. Provide fire detection/protection, utilities, site improvements, storm water design and mitigation, environmental restoration, landscaping, screen walls, parking, walkways, and all necessary supporting facilities. Additional requirements include parachute tower, equipment storage, training, and other operational requirements for the 308 RQS. Demolition of pavements and existing facilities, to include Building 684, 690, and 695, will be accomplished with this project. All work shall be in accordance with AFRC and 45 SW design compatibility guidelines and 45 SW Facility Sustainment Guide. 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 EAct 2005 and CFR Title 10 Part 433, building commissioning, materials selection, and indoor environmental quality.					
11. REQUIREMENT: 6,381 SM ADEQUATE: 2,087 SM SUBSTANDARD: 334 SM					
PROJECT: Construct a Guardian Angel Operations Facility (Current Mission)					
REQUIREMENT: Construct an adequately sized, and properly configured Guardian Angel facility in order to provide operational, training, and equipment storage areas for assigned personnel to partner with NASA Manned Space Mission, joint and coalition forces in support of COCOM requirements for personnel recovery as well as homeland defense. Facility will house squadron operations functions to include weapons and tactics, intelligence vault, briefing and debriefing, standardization/evaluation, mission planning, conference area, Para-Rescue special purpose space, training and scheduling. Functional areas required include administrative office space, medical training and support equipment areas, laundry and drying rooms, life support, parachute drying tower, parachute packing areas, mission alert equipment storage and assembly, communications, special purpose areas, watercraft storage and maintenance areas, weapons maintenance and vault, vehicle maintenance, supply and equipment issuing, dive equipment maintenance, training, and drying areas, and operational functions to include break and kitchen areas. Guardian Angel Air Deployable Rescue Vehicle requirements will also be included in 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.					

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA		
4. PROJECT TITLE GUARDIAN ANGEL FACILITY	5. PROJECT NUMBER SXHT103001	
<p>CURRENT SITUATION: The 308 RQS is located in (4) separated buildings across the wing. The buildings were designed to support a 25-member unit and are not large enough or functionally located to accommodate a Guardian Angel mission with over 100 members. Equipment technicians in AFE, radio, and SCUBA areas are unable to perform routine maintenance due to lack of space for workbenches, test equipment, and equipment queuing. Expensive UTC-assigned equipment is stored outdoors due to lack of climate-controlled storage areas. The sun, salt air, humidity, and climate cause the equipment to degrade rapidly, significantly reducing their useful life. There are not enough parking spaces in the vicinity of the squadron buildings. Overall, the crowded conditions create life safety issues in the event of rapid evacuation due to fire or other hazards. The current space available is 22,472 SF and can only accommodate 1.5 UTC's of equipment versus the MAJCOM mission requirement of 3 UTC's. The 308th is deficient 65,090 SF of space thus decreasing mission effectiveness and safety. Critical space authorization shortfalls include medical supply, records storage, training, scuba, life support, maintenance, radio, administrative offices, etc. A non-consolidated facility posture also reduces functionality and security of over \$6.3M worth of equipment and other assets causing a constant, manpower intensive systems of functional work-arounds and costly duplication of asset security requirements. HQ AFRC FOCUS, September 2012, and AFCEE Assistance team area development plan Aug 2010 identified and validated facility shortfalls noted in this requirements document.</p> <p>IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform essential Guardian Angel training and readiness operations forcing continued inadequate and high risk workarounds. Inadequate training areas as well as storage for mission critical equipment will result in increased replacement cost and loss of unit effectiveness. The potential for significant degradation of mission performance and capabilities will be compounded until eventual total loss of mission capability is realized due to personnel and equipment non-availability. Without an upgraded facility, the 308 RQS will continue to operate in undersized buildings, hampering mission accomplishment, adding precious time to emergency responses, and continue to experience reduced morale and increased frustration when performing duties. Furthermore UTC equipment will continue to degrade at an increasing rate, requiring more frequent replacement.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Military Handbook 1190 "Facility Planning and Design Guide" and AFRCH 32-1001 "Facility Requirements" POCs: 45 CES/CENP, Chief Plans and Programs, PAFB; 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: \$3.4M for equipment and furnishings. New Work: 6,381 SM = 68,685 SF.</p> <p>JOINT USE CERTIFICATION: 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
PATRICK AIR FORCE BASE, FLORIDA

4. PROJECT TITLE GUARDIAN ANGEL FACILITY	5. PROJECT NUMBER SXHT103001
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Oct 2016
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2016 0%
- d. Date Design 35% Complete Mar 2017
- e. Date Design Complete - (If design-build, construction complete) Aug 2017

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X .
- b. Where Design Was Most Recently Used N/A .

3. COST (Total) = c = a + b or d + e (\$000)

- a. Production of Plans and Specifications (35% design) ()
- b. All Other Design Costs (Design-build) ()
- c. Total (2,750)
- d. Contract (A-E) (2,250)
- e. In-house (management) (500)

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Dec 2020

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 / Storage Equipment	3740	FY 2018	700
Interior Design Services	3740	FY 2017	160
Communications Equipment	3740	FY 2018	600

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
JOINT BASE PEARL HARBOR-HICKAM, HI

4. PROJECT TITLE CONSOLIDATED TRAINING FACILITY	5. PROJECT NUMBER KNMD624007
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Sep 2017
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2016 35%
- d. Date Design 35% Complete Dec 2017
- e. Date Design Complete - (If design-build, construction complete) Sep 2019

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X .
- b. Where Design Was Most Recently Used N/A .

3. COST (Total) = c + a + b or d + e (\$495)

- a. Production of Plans and Specifications (35% design) (294)
- b. All Other Design Costs (Design-build) (201)
- c. Total (495)
- d. Contract (A-E) ()
- e. In-house (management) ()

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Sep 2019

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 / Storage Equipment	3740	FY 2018	350
Interior Design Services	3740	FY 2018	200
Communications Equipment	3740	FY 2018	65

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017												
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR-HICKAM, HI		4. AREA CONSTR COST INDEX 2.26												
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="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY 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 (\$000)</u></th> <th style="text-align: left;"><u>DESIGN START</u></th> <th style="text-align: left;"><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-443</td> <td>JOINT BASE PEARL HARBOR-HICKAM, HI</td> <td>757 SM</td> <td>5,500</td> <td>Sep 2017</td> <td>Sep 2019</td> </tr> </tbody> </table>			<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>	171-443	JOINT BASE PEARL HARBOR-HICKAM, HI	757 SM	5,500	Sep 2017	Sep 2019
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>									
171-443	JOINT BASE PEARL HARBOR-HICKAM, HI	757 SM	5,500	Sep 2017	Sep 2019									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Not reviewed														
9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> <div style="text-align: center;">NONE</div>														
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY 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 (\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td>218-712</td> <td>ADAL BLDG FOR AME STORAGE</td> <td>960 SM</td> <td>6,400</td> <td>2018</td> </tr> </tbody> </table>			<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	218-712	ADAL BLDG FOR AME STORAGE	960 SM	6,400	2018		
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>										
218-712	ADAL BLDG FOR AME STORAGE	960 SM	6,400	2018										
RPM BACKLOG AT THIS INSTALLATION (\$000): 5,000														

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION

JOINT BASE PEARL HARBOR-HICKAM, HI

11. PERSONNEL STRENGTH AS OF JAN 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	<u>L</u> 44	5	32	7	393	62	331
ACTUAL	38	9	27	2	490	89	401

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
624 Aeromed STG Squadron	81	97
624 Civil Engineer Squadron	139	129
647 Security Forces Squadron	0	6
624 Regional Support Group	43	51
647 Force Support Squadron	0	4
701 Combat Operations Squadron	20	15
713 Combat Operations Squadron	21	19
15 Wing WG	0	27
AFR West Recruit Squadron	3	3
HQ AF Reserve / PACAF	1	53
IR Read and Integ Organization	4	4
48 Aerial Port Squadron	125	120
Total	442	528

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
Non –Flying Unit –Civil Engineering, Aerial Port, and Medical Support Unit		

1. COMPONENT AIR FORCE RESERVE		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2017
3. INSTALLATION AND LOCATION JOINT BASE PEARL HARBOR-HICKAM, HI			4. PROJECT TITLE CONSOLIDATED TRAINING FACILITY		
5. PROGRAM ELEMENT 52576F	6. CATEGORY 171-443	7. PROJECT NUMBER KNMD624007	8. PROJECT COST (\$000) 5,500		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					3,847
CONSOLIDATED TRAINING FACILITY		SM	757	4,934.3	(3,735)
ANTI-TERRORISM FORCE PROTECTION		SM	757	49.2	(37)
(1.00%)					
SDD & EPAct05 (LEED) (2.00%)		SM	757	98.7	(75)
SUPPORTING FACILITIES					931
UTILITIES		LS			(237)
PAVEMENTS		LS			(419)
SITE IMPROVEMENTS		LS			(200)
COMMUNICATIONS		LS			(75)
SUBTOTAL					4,778
CONTINGENCY (5.00%)					239
TOTAL CONTRACT COST					5,017
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					326
DESIGN/BUILD COST (4.00%)					201
TOTAL REQUEST					5,544
TOTAL REQUEST (ROUNDED)					5,500
EQUIPMENT FROM OTHER APPROPRIATIONS					615
10. DESCRIPTION OF PROPOSED WORK: Construct a 757 SM (8,150 SF) Annex to Building 4100 with reinforced concrete footings, foundation, and floor slab; structural steel framing, concrete block walls, metal roof decking, and preformed metal roof panels, fascia, and trim. Includes building mechanical and electrical systems, communications/computer management system, site utilities, pavements, and site improvements. This project shall be designed and constructed in accordance with current ADA and DoD force protection standards. 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: 23 Tons. Project shall comply with antiterrorism/force protection requirements identified in the DoD unified Facilities Criteria.					
11. REQUIREMENT: 1,411 SM ADEQUATE: 654 SM SUBSTANDARD: 282 SM					
<u>PROJECT:</u> Construct Consolidated Training Facility Annex to Bldg 4100. (Current Mission)					
<u>REQUIREMENT:</u> An adequately sized and configured facility is required for the 624 th Regional Support Group (624 RSG) to provide office space for staff and 624 th Aeromedical Staging Squadron (ASTS) to provide classrooms, nursing service space, mobility training bag storage, aerospace medicine packaging, and storage.					
<u>CURRENT SITUATION:</u> The 624 RSG is currently located in two facilities: Bldg 4100, which is adequate; B1050, a substandard, converted maintenance facility, which is not only inadequate, but undersized by almost 33% of what is authorized. Bldg 1050 is located remotely from the other 624 RSG units on base, is difficult to access, the current space in only fair condition, and poorly configured. The 624 RSG was forced to occupy this facility when the FY06 MILCON to construct a Consolidated Training Facility (B4100) was severely down-scoped for unforeseen sub-surface structural requirements identified during project design. Bldg 1050 (282 SM) is to be returned to the Host upon completion of this project. The 624 ASTS is also located in B4100, but is forced to operate in only 47% of authorized space and without adequate training space which is critical to their mission.					
<u>IMPACT IF NOT PROVIDED:</u> The 624 RSG Command Section and Staff activities will continue to occupy a marginal facility, under "transient" status, located remotely from the 624 RSG campus. The 624 RSG command and control, staff activities, and training capabilities will continue to suffer due to lack of adequate facilities. Both mission effectiveness and personnel morale will suffer, which will in-turn negatively impact the readiness of the 624 RSG and the critical missions they support. 624 ASTS will continue to be short of their authorized space, which will impact the medical mission and the capabilities of the units they directly support.					
<u>ADDITIONAL:</u> Facility was visited and project generated by HQ AFRC/A4C. POC: HQ AFRC/A4CD, DSN 497-1053. This project meets the criteria/scope specified in Air Force Reserve Command Handbook 32-1001, Standard Facility Requirements.					

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. **INSTALLATION AND LOCATION:**
JOINT BASE PEARL HARBOR-HICKAM, HI

4. PROJECT TITLE: CONSOLIDATED TRAINING FACILITY	5. PROJECT NUMBER KNMD624007
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JOINT USE CERTIFICATION: 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.

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017			
3. INSTALLATION AND LOCATION WESTOVER AIR RESERVE BASE, MASSACHUSETTS		4. AREA CONSTR COST INDEX 1.08			
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 Barnes ANGB, Westfield, MA					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<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	INDOOR SMALL ARMS RANGE	2,155 SM	10,000	Sep 2017	Sep 2019
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Not reviewed					
9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> NONE					
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>	
171-475	INDOOR SMALL ARMS RANGE	2,155 SM	10,000	2018	
RPM BACKLOG AT THIS INSTALLATION (\$000): 125,000					

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
3. INSTALLATION AND LOCATION WESTOVER AIR RESERVE BASE, MASSACHUSETTS		
11. PERSONNEL STRENGTH AS OF JAN 2017		
	<u>PERMANENT (ARTs, AGRs, Non-ART Civilians)</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>GUARD/RESERVE</u> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	825 15 467 343	1,620 225 1,395
ACTUAL	647 28 322 297	1,883 68 1,815
12. RESERVE UNIT DATA		
	<u>STRENGTH</u>	
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
337 Airlift Squadron	202	162
42 Aerial Port Squadron	177	178
AFR North Recruit Squadron	5	5
439 Aeromed Evac Squadron	148	144
439 Aeromed STG Squadron	113	130
439 Aerospace Medicine Squadron	88	111
439 Aircraft Maint Squadron	185	215
439 Airlift Control Flight	34	42
439 Airlift Wing	82	79
439 Airlift Wing OL: FM00	27	27
439 Civil Engineer Squadron	257	279
439 Communications Squadron	81	88
439 Contracting Flight	14	14
439 Force Support Squadron	104	110
439 Logistics Readiness Squadron	90	104
439 Maintenance Group	76	68
439 Maintenance Squadron	293	311
439 Mission Support Group	27	14
439 Operations Group	18	12
439 Operations Support Squadron	100	88
439 Security Forces Squadron	165	190
58 Aerial Port Squadron	159	159
Total	<u>2,445</u>	<u>2,530</u>
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C5-M	7	7

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	3. DATE MAY 2017
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3. INSTALLATION AND LOCATION WESTOVER AIR RESERVE BASE, MASSACHUSETTS	4. PROJECT TITLE INDOOR SMALL ARMS RANGE
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5. PROGRAM ELEMENT 52576F	6. CATEGORY 171-475	7. PROJECT NUMBER YTPM059004	8. PROJECT COST (\$000) 10,000
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9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES				7,504
INDOOR SMALL ARMS RANGE	SM	2,155	3,386	(7,297)
ANTI-TERRORISM (1%)	LS	6,095	3,990	(69)
SDD & EPAct05 (2%)	LS	4,845	2,310	(138)
SUPPORTING FACILITIES				1,182
UTILITIES	LS	1,858	150	(164)
COMMUNICATIONS	LS			(30)
PAVEMENTS	LS			(50)
SITE IMPROVEMENTS	LS			(110)
DEMO OUTDOOR RANGE	LS			(828)
SUBTOTAL				8,686
CONTINGENCY (5%)				(434)
TOTAL CONTRACT COST				9,120
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				(520)
DESIGN/BUILD COST (4%)				(365)
TOTAL REQUEST				10,005
TOTAL REQUEST (ROUNDED)				10,000
EQUIPMENT FROM OTHER APPROPRIATIONS				(45)

10. DESCRIPTION OF PROPOSED WORK: Design, plan and construct an Indoor Small Arms Range with associated storage, restrooms and weapons cleaning room. Range to be a 28 point live fire range facility 25 meter firing lanes. Construction shall consist of all utilities, reinforced concrete foundation, concrete floor slabs, masonry walls with brick veneer, roof system, interior walls and finishes, steel deflector plates, bullets trap, overhead baffles, sound reflection reduction, exhaust system, HVAC systems, electrical systems, and fire protection in accordance with ETL 11-18 Small Arms Range Design and Construction. Construct supporting utilities and walkways as required. Properly dispose of any asbestos chip soil contamination. Demolish existing parking lot and outdoor range to include lead remediation and site restoration. Project shall comply with antiterrorism/force protection requirements identified in the DoD unified Facilities Criteria.

11. REQUIREMENT: 2,155 SM ADEQUATE: 0 SM SUBSTANDARD: 24 Shooting Points
PROJECT: Construct a fully contained indoor small arms range. (Current Mission)
REQUIREMENT: A properly sized, configured and fully contained Indoor Small Arms Range at Westover ARB 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. In addition, the range will also include a weapons cleaning room and latrine. 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 Security Forces to conduct night firing at any given time by lowering light levels to simulate darkness and provide required uninterrupted military training. Securities Forces Personnel at Westover ARB are required to live fire qualify approximately every 6 months and all deploying personnel to AOR CENTAF are required to be live fire qualified.
CURRENT SITUATION: The existing outdoor range is over 50 years old and does not meet current SDZ standards or baffle design utilizing conventional ammunition and the ETL does not allow for the permanent use of frangible ammo. The current number of 24 firing line positions is inadequate to satisfy the volume of monthly training requirements within the reduced window of opportunity due to winter temperatures. Due to the existing range being outdoors students and instructors are exposed to the elements and extreme temperatures for extended periods of time. The average snowfall for the area is 64 inches with a ten year temperature average of 24 degrees in January and 25 degrees in February. The temperature limits for conducting outside firing is 25 degrees without wind chill. Due to the absence of an enclosed structure, snow and ice must be constantly removed from the firing line prior to weapons handling due to safety concerns. The Wing has lost 4 months of weapons qualifying in the past two years due to extreme weather conditions. There is currently no electricity within the vicinity of the existing range therefore generator power must be relied upon for night firing. The existing Outdoor Small Arms Range siting violates airfield clearance criteria for incompatible use of the clear zone of Runway 15/33 per UFC 3-260-01. The existing range is known to be lead contaminated, requires fencing, electrical for lighting, and numerous repairs.

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. **INSTALLATION AND LOCATION:**
WESTOVER AIR RESERVE BASE, MASSACHUSETTS

4. PROJECT TITLE: INDOOR SMALL ARMS RANGE	5. PROJECT NUMBER YTPM059004
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IMPACT IF NOT PROVIDED: The continued use of the existing substandard range will result in a failure to meet mandatory weapons training and ongoing operation below required safety and environmental guidelines. Students and instructors will remain exposed to the extreme weather conditions and continue to violate directives during winter months for qualification to accomplish mission requirements. Training operations will continue to be inefficient and result in numerous interruptions resulting in mission training deficiencies due to the lack of an appropriate number of firing lane positions, darkness and weather constraints. This lack of complete training results in greater impact to the mission when untrained personnel deploy. The existing outdoor range will continue to violate airfield clearance criteria and require a waiver to operate. The contamination of the range soil will further build to the point where leaching into the groundwater is likely driving the cost of environmental remediation higher and higher.

ADDITIONAL: 2155 SM (23,196 SF) (Conversion Factor: 10.764)
The scope of this project is based on Air Force requirements IAW Engineering Technical Letter (ETL) 11-18, Small Arms Range Design and Construction. This project meets the criteria/scope specified in the Air Force Manual 32-1084 and AFRCH 32-1001, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could be meet the mission requirement; therefore no economic analysis was needed or performed. Funding from other appropriations: \$25K for furnishings;\$20K for Communications
POC: 439 MSG/CECP, DSN 589-3952.

JOINT USE CERTIFICATION: 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.

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
 WESTOVER AIR RESERVE BASE, MASSACHUSETTS

4. PROJECT TITLE INDOOR SMALL ARMS RANGE	5. PROJECT NUMBER YTPM059004
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Sep 2017
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2018 35%
- d. Date Design 35% Complete Dec 2017
- e. Date Design Complete - (If design-build, construction complete) Sep 2019

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X .
- b. Where Design Was Most Recently Used N/A .

3. COST (Total) = c = a + b or d + e (\$900)

- a. Production of Plans and Specifications (35% design) (535)
- b. All Other Design Costs (Design-build) (365)
- c. Total (900)
- d. Contract (A-E) ()
- e. In-house (management) ()

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Sep 2020

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>
<u>Communication/Target Equipment</u>	<u>3740</u>	<u>Or Requested</u>	<u>45</u>
		FY 2018	

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAY 2017												
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA				4. AREA CONSTR COST INDEX 0.82													
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%; 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>218-721</td> <td>ADAL BLDG FOR ALTERNATE MISSION EQUIPMENT STORAGE</td> <td>960 SM</td> <td>6,400</td> <td>Jun 2017</td> <td>Feb 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>	218-721	ADAL BLDG FOR ALTERNATE MISSION EQUIPMENT STORAGE	960 SM	6,400	Jun 2017	Feb 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>												
218-721	ADAL BLDG FOR ALTERNATE MISSION EQUIPMENT STORAGE	960 SM	6,400	Jun 2017	Feb 2018												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Not reviewed – New Mission driven by AF Force Management decision																	
9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> 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> </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): 13,368																	

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAY 2017			
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA								
11. PERSONNEL STRENGTH AS OF AUG 2016								
	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	
AUTHORIZED	359	43	283	33	1,071	119	952	
ACTUAL	341	41	266	34	1,354	134	1,220	
12. RESERVE UNIT DATA								
	UNIT DESIGNATION			STRENGTH				
				AUTHORIZED			ACTUAL	
	916 Air Refueling Wing			58			63	
	916 Operations Group			11			7	
	916 Operations Support Squadron			51			58	
	77 Air Refueling Squadron			74			90	
	916 Maintenance Group			46			55	
	916 Maintenance Squadron			135			194	
	916 Aircraft Maintenance Squadron			157			220	
	916 Mission Support Group			6			2	
	916 Civil Engineer Flight			53			57	
	916 Security Forces Squadron			132			147	
	916 Force Support Squadron			57			85	
	916 Logistics Readiness Squadron			78			113	
	916 Aerospace Medicine Squadron			55			86	
	AFR East Recruiting Squadron			4			6	
	307 Fighter Squadron			23			25	
	414 Fighter Group			23			18	
	414 Maintenance Squadron			220			198	
	4 Security Forces Squadron			14			16	
	4 Civil Engineer Squadron			5			3	
	4 Fighter Wing			18			15	
	DET 216 Field Investigations			2			1	
	567 RED HORSE Squadron			208			236	
	Total			1,430			1,695	
13. MAJOR EQUIPMENT AND AIRCRAFT								
	TYPE				AUTHORIZED			ASSIGNED
	KC-135R				16			16
	KC-46A				12			New Mission

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	4. DATE MAY 2017
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3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	4. PROJECT TITLE KC-46A ADAL BLDG FOR ALTERNATE MISSION EQUIPMENT STORAGE
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5. PROGRAM ELEMENT 51221F	6. CATEGORY 218-712	7. PROJECT NUMBER VKAG159026	8. PROJECT COST (\$000) 6,400
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9. COST ESTIMATES				
ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES				5,659
ALTER INTERIOR	SM	960	1,875	(1,800)
ALTER EXTERIOR	LS			(2,700)
REPAIR ROOF	LS			(1,000)
SUSTAINABILITY AND ENERGY MEASURES	LS			(159)
SUPPORTING FACILITIES				130
UTILITIES	LS			(100)
ABATEMENTS	LS			(30)
SUBTOTAL				5,789
CONTINGENCY (5%)				289
TOTAL CONTRACT COST				6,078
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				346
TOTAL REQUEST				6,425
TOTAL REQUEST (ROUNDED)				6,400
EQUIPMENT FROM OTHER APPROPRIATIONS				(40)

10. DESCRIPTION OF PROPOSED WORK: Renovate Building 4828 for Alternate Mission Equipment (AME), Air Transportable Galley/Lavatory (ATGL) storage and servicing, Seat Pallets, Engine Storage, -21, and Crash Damage or Disabled Aircraft Recovery (CDDAR) vehicle parking. Immobilize hangar doors and add vehicle and personnel doors. Paint floor with non-slip chemical resistant coating. Promote positive drainage around the facility. Repair facility envelope to include roof and siding. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria. This project will incorporate applicable US Air Force and high performance green building (HPGB) objectives addressing: site design, water use, energy use reduction (per EPC Act 2005 and CFR Title 10 Part 433), building commissioning, materials selection, and indoor environmental quality.

11. REQUIREMENT: 2,230 SM ADEQUATE: 1,350 SM SUBSTANDARD: 960 SM

PROJECT: ADAL Building for Alternate Mission Equipment Storage (New Mission)

REQUIREMENT: The AF has designated Seymour Johnson AFB as Main Operating Base 3 for the KC-46A Tanker Aircraft. A properly configured aircraft maintenance facility is necessary for efficient maintenance of assigned aircraft.

CURRENT SITUATION: The KC-46A is a new aircraft replacing the KC-135R models at Seymour Johnson. Existing KC-135R facilities cannot enclose this new weapons system due to its larger size. It is not economically feasible to modify and/or enlarge the existing facilities. Minor alterations are required in building 4828.

IMPACT IF NOT PROVIDED: The 916 ARW will not be able to provide the required storage for the new aircraft in support of national defense objectives. Without required storage, the mission capabilities would be degraded.

ADDITIONAL: Installation POC: 4 CES/CENP, DSN: 722-7440. This project meets the criteria/scope specified in Air Force Reserve Command Handbook 32-1001, Standard Facility Requirements.

JOINT USE CERTIFICATION: 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.

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
 SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

4. PROJECT TITLE KC-46A ADAL BLDG FOR ALTERNATE MISSION EQUIPMENT STORAGE	5. PROJECT NUMBER VKAG159026
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Aug 2016
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2016 0%
- d. Date Design 35% Complete Feb 2017
- e. Date Design Complete - (If design-build, construction complete) Jul 2017

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X .
- b. Where Design Was Most Recently Used N/A .

3. COST (Total) = c = a + b or d + e (\$000)

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (800)
- d. Contract (A-E) (576)
- e. In-house (management) (224)

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Aug 2019

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Furniture / Storage Equipment	3740	FY 2018	20
Interior Design Services	3740	FY 2018	10
Communications Equipment	3740	FY 2018	10

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAY 2017
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH				4. AREA CONSTR COST INDEX 1.06	
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)					
CATEGOR Y <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
141-753	ADAL LIFE SUPPORT FACILITY	446 SM	3,100	Dec 2016	Aug 2017
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					
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	
RPM BACKLOG AT THIS INSTALLATION (\$000):					

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION

HILL AIR FORCE BASE, UTAH

11. PERSONNEL STRENGTH AS OF AUG 2016

	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	391	33	328	30	899	103	796
ACTUAL	249	30	184	35	1,119	113	1,006

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
582 Missile Maintenance Squadron	1	1
75 Air Base Wing	12	9
Ogden ALC	3	3
649 Munitions Squadron	62	55
416 Supply Chain Management	2	2
748 Supply Chain Management	2	3
309 Aircraft Maintenance Group	6	4
309 Missile Maintenance Group	1	1
AF Nuclear Weapons	2	3
Life Cycle Management	5	6
514 Flight Test Squadron	34	28
AFR West Recruiting Squadron	5	6
419 Logistics Readiness Squadron	78	97
419 Aircraft Maintenance Squadron	154	147
419 Operations Group	17	16
419 Maintenance Group	256	158
419 Mission Support Group	14	12
419 Operations Support Flight	27	34
67 Aerial Support Squadron	159	180
466 Fighter Squadron	23	29
419 Medical Squadron	61	107
419 Civil Engineer Squadron	110	138
419 Force Support Squadron	54	55
419 Maintenance Squadron	59	110
419 Force Support Squadron	13	22
419 Security Forces Squadron	67	78
419 Fighter Wing	61	62
DET 113 Field Investigations	2	2
Total	1,290	1,368

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
None		

1. COMPONENT AIR FORCE RESERVE		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			5. DATE MAY 2017
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH			4. PROJECT TITLE ADD/ALTER LIFE SUPPORT FACILITY		
5. PROGRAM ELEMENT 52576F	6. CATEGORY 141-753	7. PROJECT NUMBER KRSM113027	8. PROJECT COST (\$000) 3,100		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					2,257
GUARDIAN ANGEL FACILITY		SM	446	4,961	(2,213)
SDD & EAct 05 (2%)					(44)
SUPPORTING FACILITIES					424
UTILITIES		LS			(115)
PAVEMENTS		LS			(168)
SITE IMPROVEMENTS		LS			(51)
COMMUNICATIONS		LS			(90)
SUBTOTAL					2,681
CONTINGENCY (5%)					134
TOTAL CONTRACT COST					2,815
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					160
DESIGN/BUILD – DESIGN COST (4%)					113
TOTAL REQUEST					3,088
TOTAL REQUEST (ROUNDED)					3,100
EQUIPMENT FROM OTHER APPROPRIATIONS					(95)
10. DESCRIPTION OF PROPOSED WORK: Construct a two-story 4,800 SF (446 SM) addition to the southwest corner of Bldg 233 to properly support the testing and evaluation of F-16, C-130, A-10, and F-22 aircraft. Construction will consist of structural steel frames, masonry veneer walls, standing seam metal roof, fire detection/suppression, HVAC, utilities, site improvements, and all other necessary support. 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 EAct 2005 and CFR Title 10 Part 433, building commissioning, materials selection, and indoor environmental quality.					
11. REQUIREMENT: 866 SM ADEQUATE: 420 SM SUBSTANDARD: 0 SM					
PROJECT: Add/Alter Life Support facility for 514 FLTS, Bldg 233 (Current Mission)					
REQUIREMENT: A facility of adequate size and configuration is needed by the 514 FLTS to provide the proper testing of F-16, C-130, A-10 and F-22 aircraft before they are returned to their home units after refurbishment. In FY18 the 514 FTS will also be flight testing F-35 aircraft. 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.					
CURRENT SITUATION: The area in Bldg 233 occupied by the 513 FLTS is deficient in space by 907 SM (9,760 SF) with respect to the space authorized for the 513 FLTS. However, due to airfield clearance restrictions, only a 2,400 SF footprint on the southwest end of Bldg 233 is possible for additional space for the 514 FLTS. Currently, Bldg 233 has one two-stall restroom for men and one two-stall restroom for women, as well as on unisex restroom with a single shower. The building has no locker room. Small stacked lockers are located in the hallway. All pilots and flight crews must share on shower stall in a single unisex restroom.					
IMPACT IF NOT PROVIDED: The Host Wing does not have additional space available for the 514 FLTS in Bldg 233. Therefore, personnel will continue to be short of their authorized space by 63%. Flight testing of F-16, C-130, A-10, and F-22 aircraft may be jeopardized and aircraft may not be returned to their home units on schedule.					
ADDITIONAL: This project meets the criteria/scope specified in Military Handbook 1190 "Facility Planning and Design Guide" and AFRCH 32-1001 "Facility Requirements" POCs: 75 CES, Base Civil Engineer, HAFB, DSN 777-7505; 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: \$95K for equipment and furnishings. New Work: 446 SM = 4800 SF.					
JOINT USE CERTIFICATION: 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.					

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
 HILL AIR FORCE BASE, UTAH

4. PROJECT TITLE ADD/ALTER LIFE SUPPORT FACILITY	5. PROJECT NUMBER KRSM113027
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Dec 2016
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2016 0%
- d. Date Design 35% Complete Mar 2017
- e. Date Design Complete - (If design-build, construction complete) Aug 2017

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X.
- b. Where Design Was Most Recently Used N/A.

3. COST (Total) = c = a + b or d + e (\$000)

- a. Production of Plans and Specifications (35% design) (270)
- b. All Other Design Costs (Design-build) (113)
- c. Total (383)
- d. Contract (A-E) ()
- e. In-house (management) ()

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Apr 2020

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

Equipment <u>Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture / Storage Equipment	3740	FY 2018	75
Interior Design Services	3740	FY 2017	40
Communications Equipment	3740	FY 2018	20

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAY 2017												
3. INSTALLATION AND LOCATION ANDERSEN AFB, GUAM		4. AREA CONSTR COST INDEX 2.32												
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 style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>CATEGOR</u> <u>Y</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>RESERVE MEDICAL TRAINING FACILITY</td> <td>459 SM</td> <td>5,200</td> <td>Oct 2017</td> <td>Jul 2018</td> </tr> </tbody> </table>			<u>CATEGOR</u> <u>Y</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	RESERVE MEDICAL TRAINING FACILITY	459 SM	5,200	Oct 2017	Jul 2018
<u>CATEGOR</u> <u>Y</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	RESERVE MEDICAL TRAINING FACILITY	459 SM	5,200	Oct 2017	Jul 2018									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Not Applicable														
9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> <div style="text-align: center;">NONE</div>														
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table style="width:100%; border-collapse: collapse; margin-top: 10px;"> <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): 200														

1. COMPONENT AIR FORCE RESERVE	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION

ANDERSEN AFB, GUAM

11. PERSONNEL STRENGTH AS OF AUG 2016

	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	6	0	6	0	246	19	227
ACTUAL	6	0	6	1	276	17	259

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	STRENGTH	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
44 Aerial Port Squadron	223	230
36 Security Forces Squadron	0	5
36 Wing	2	2
624 Regional Support Group	3	4
602 Field Investigations	1	2
624 Aerospace Medicine Squadron	23	39
Total	252	282

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
None		

1. COMPONENT AIR FORCE RESERVE		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2017			
3. INSTALLATION AND LOCATION ANDERSEN AFB, GUAM			4. PROJECT TITLE RESERVE MEDICAL TRAINING FACILITY					
5. PROGRAM ELEMENT 52576F		6. CATEGORY CODE 171-450	7. PROJECT NUMBER AJJY111360		8. PROJECT COST (\$000) 5,200			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
RESERVE MEDICAL TRAINING FACILITY								3,859
CONSTRUCT RESERVE MEDICAL TRAINING FACILITY					SM	459	8,257	(3,790)
SDD & EPAct 05								(69)
SUPPORT FACILITY								849
UTILITIES					LS			(220)
PAVEMENTS					LS			(385)
SITE IMPROVEMENTS					LS			(154)
COMMUNICATIONS					LS			(90)
SUBTOTAL								4,708
CONTINGENCY (5%)								235
TOTAL CONTRACT COST								4,943
SUPERVISION, INSPECTION, AND OVERHEAD (6.2%)								306
TOTAL REQUEST								5,249
TOTAL REQUEST (ROUNDED)								5,200
EQUIPMENT FROM OTHER APPROPRIATIONS								300
10. DESCRIPTION OF PROPOSED WORK: Construct a 459 SM (4,941 SF) facility adjacent to Building 26012 for the Aerospace Medicine Flight (AMDF). Construction to include reinforced concrete footings, foundation, and floor slab, structural steel framing, concrete block walls, metal roof decking, and preformed metal roof panels, fascia, and trim to match existing. Includes fire detection/protection, mechanical and electrical system, communications, site utilities, pavement, and site improvements. This project shall be designed and constructed in accordance with current ADA and DoD force protection standards. 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: 14 Tons								
11. REQUIREMENT: 459 SM ADEQUATE: 0 SM SUBSTANDARD: 275 SM <u>PROJECT:</u> Construct a Reserve Medical Training Facility adjacent to Building 26012, the Active Duty medical facility. (Current Mission) <u>REQUIREMENT:</u> An adequately sized and configured facility to accommodate the AMDF administrative, storage, and hands-on training requirements for on-ground patient care at forward and deployed locations. Project requirement and scope has been re-validated by AFRC/A7P, AFRC/SGX, and 4AF A4/7, September 2014. <u>CURRENT SITUATION:</u> AMDF was located in an old dormitory until September 2014 that is currently being demolished by the host. AMDF moved to a temporary facility at the old base post office in September 2014. The old post office, constructed in 1948, is currently scheduled for demolition. The space in the old post office is approximately 21 SM smaller than the previous space occupied by the AMDS (38% smaller than the total authorized GSF for the 624 AMDS). The space is not configured properly, nor does it have the necessary space to allow doctors and staff to perform their duties. Large classroom spaces do not exist and secure storage for high value medical training supplies and equipment is inadequate. Separation from host Active Duty medical facilities inhibits most effective and efficient use of limited Reserve training times and results in duplication of facility requirements between host and tenant units. <u>IMPACT IF NOT PROVIDED:</u> AMDF will remain in the old post office space that is not conducive or configured to provide the management and training needed. Opportunities for increased efficiency and cooperation between host and tenant medical units will not be realized, thus increasing operational costs for both AFRC and Active Duty elements. <u>ADDITIONAL:</u> HQ AFRC POC: HQ AFRC/A7PP, DSN 497-1108. This project is a candidate for Comprehensive Interior Design. All known alternative options were considered during the development of this project. No option other than new construction could meet the mission requirements and funding constraints. Equipment from other appropriations = \$210K for furniture, \$70K for interior communications equipment. 459 SM = 4,941 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.								

1. COMPONENT AIR FORCE RESERVE	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2017
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3. INSTALLATION AND LOCATION
ANDERSEN AFB, GUAM

4. PROJECT TITLE RESERVE MEDICAL TRAINING FACILITY	5. PROJECT NUMBER AJJY111360
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started: Oct 2017
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2015 0%
- d. Date Design 35% Complete Jan 2018
- e. Date Design Complete - (If design-build, construction complete) Jul 2018

2. BASIS

- a. Standard or Definitive Design - Yes ___ No X.
- b. Where Design Was Most Recently Used N/A.

3. COST (Total) = c = a + b or d + e (\$000)

- a. Production of Plans and Specifications (35% design) ()
- b. All Other Design Costs (Design-build) ()
- c. Total (340)
- d. Contract (A-E) (306)
- e. In-house (management) (34)

4. CONSTRUCTION AWARD /START / COMPLETION Aug 2018 / Sep 2018 / Dec 2019

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

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>
Systems Furniture	3740	FY 2018	210
Communications Equipment	3740	FY 2018	70

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF
ESTIMATES FOR FISCAL YEAR 2018**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$3,610,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$2,000,000.

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.

1. COMPONENT AIR FORCE RESERVE		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2017			
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION					
5. PROGRAM ELEMENT 52576F		6. CATEGORY CODE 962-000	7. PROJECT NUMBER PAYZ 180341		8. PROJECT COST (\$000) 3,610			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION					LS	-	-	<u>3,610</u>
SUBTOTAL								3,610
TOTAL CONTRACT COST								3,610
TOTAL REQUEST								3,610
10. Description of Proposed Construction:								
11. REQUIREMENT: As required.								
<u>PROJECT:</u> Unspecified Minor Construction								
<u>REQUIREMENT:</u> Title 10 USC 2805 provides statutory authority to carry out minor military construction projects not otherwise authorized by law. A minor military construction project is a military construction project (1) that is for a single undertaking at a military installation; and (2) that has an approved cost equal to or less than the amount specified by law as the maximum amount of a minor military construction project, currently \$3,000,000 per project. However, if the military construction project is intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, an unspecified minor military construction project may have an approved cost equal to or less than \$4,000,000.								
Use of operation and maintenance funds.--The Secretary concerned may spend from appropriations available for operation and maintenance amounts necessary to carry out an unspecified minor military construction project costing not more than \$1,000,000. 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.								
<u>IMPACT IF NOT PROVIDED:</u> No means to accomplish exigent projects costing less than \$2,000,000 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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2017			
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 180313	8. PROJECT COST (\$000) 4,725				
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN				LS	-	-	4,725
SUBTOTAL							4,725
TOTAL CONTRACT COST							4,725
TOTAL REQUEST							4,725
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)**

FY	State	Base	Project	Type	Foot print	PA	
19	IN	Grissom ARB	Add/Alter Aircraft Maintenance Hangar	Current Mission	New	12,100	
19	MN	Minneapolis-St. Paul IAP	Small Arms Range	Current Mission	New	9,000	
19	NY	Niagara Falls IAP	Physical Fitness Center	Current Mission	New	14,000	
19	FL	Homestead AFS	Live Ordinance Loading Area	Current Mission	New	3,300	
19	TX	Naval Air Station JRB Ft. Worth	Munitions Training/Admin Facility	Current Mission	New	3,100	
19	MS	Keesler AFB	Aeromedical Staging Squadron Facility	Current Mission	New	4,550	
						Total Projects	46,050
						Planning & Design	4,500
						Unspecified MC	1,948
						Total FY19 Program	52,498
20	OH	Youngstown MAP	Relocate Main Gate	Current Mission	New	8,800	
20	GA	Robins ARB	Consolidated Mission Complex Phase 2	Current Mission	New	32,000	
						Total Projects	40,800
						Planning & Design	3,870
						Unspecified MC	5,287
						Total FY20 Program	49,957
21	IN	Grissom ARB	Aerial Port Facility	Current Mission	New	9,100	
21	OH	Youngstown MAP	Commercial Gate	Current Mission	New	7,400	
21	MA	Westover ARB	Parallel Taxiway – Runway 05/23	Current Mission	New	19,100	
						Total Projects	35,600
						Planning & Design	4,120
						Unspecified MC	3,234
						Total FY21 Program	42,954
22	TX	Naval Air Station JRB Ft. Worth	LRS Logistics Warehouse	Current Mission	New	4,850	
22	GA	Dobbins ARB	Storm Water Retention Runway 29 Overrun	Current Mission	New	4,500	
22	FL	Homestead AFS	Wing Mobility Storage Area	Current Mission	New	5,700	
22	IN	Grissom ARB	AFRC Contingency Equip Mngmt Facility	Current Mission	New	10,900	
22	CA	March ARB	Joint Regional Cargo Terminal	Current Mission	New	11,100	
						Total Projects	37,050
						Planning & Design	4,602
						Unspecified MC	4,037
						Total FY22 Program	45,689