

Fiscal Year (FY) 2015 Budget Estimates

AIR FORCE RESERVE



FY 2015 MILITARY CONSTRUCTION PROGRAM

**March
2014**

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION
OF ESTIMATES FOR FISCAL YEAR 2015**

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

MAJOR CONSTRUCTION

FY 2015 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>
Georgia	Robins AFB AFRC Consolidated Mission Complex, Phase I	<u>27,700</u>	<u>27,700</u>	2
North Carolina	Seymour-Johnson AFB KC-135 Tanker Parking Apron Expansion	<u>9,800</u>	<u>9,800</u>	6
Texas	NAS Fort Worth JRB EOD Facility	<u>3,700</u>	<u>3,700</u>	11
	SUBTOTAL	41,200	41,200	
	TOTAL IN THE UNITED STATES	41,200	41,200	
	Unspecified Minor Construction	1,400	1,400	
	Planning & Design	<u>6,892</u>	<u>7,400</u>	
	GRAND TOTAL	49,492	49,492	

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

MAJOR CONSTRUCTION

FY 2015 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>
Georgia	Robins AFB AFRC Consolidated Mission Complex, Phase I	<u>27,700</u>	Current	New
North Carolina	Seymour-Johnson AFB KC-135 Tanker Parking Apron Expansion	<u>9,800</u>	Current	New
Texas	NAS Fort Worth JRB EOD Facility	<u>3,700</u>	Current	New

TOTAL **41,200**

SUBTOTALS:

New Mission	0
Current Mission	41,200
Environmental	0
Unspecified Minor Construction	1,400
Planning & Design	<u>6,892</u>

FY 2015 APPROPRIATIONS TOTAL: **49,492**

SECTION 1
SPECIAL PROGRAM CONSIDERATIONS

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

MAJOR CONSTRUCTION

FY 2015 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2015.

SECTION 2

BUDGET APPENDIX EXTRACT

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

FY 2015 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, \$49,492,000 to remain available until September 30, 2019.

**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 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, selected and prioritized 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 1391 AND DD FORMS 1390**

1. COMPONENT AIR FORCE RESERVE		FY 2015 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2014	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE AFRC CONSOLIDATED MISSION COMPLEX – PHASE 1			
5. PROGRAM ELEMENT 52576F		6. CATEGORY CODE 171-445	7. PROJECT NUMBER UHHZ07-3004		8. PROJECT COST (\$000) 27,700	
9. COST ESTIMATE						
ITEM				U/M	QUANTITY	UNIT COST (\$000)
HQ AFRC FACILITY				SM	8,547	2,423
SUSTAINABILITY AND ENERGY MEASURES						20,709
SUPPORTING FACILITIES						414
COMMUNICATIONS ACCESS				M	1,333	946
SITE IMPROVEMENTS				AC	3	267,529
UTILITY ACCESS				M	805	1,216
PAVEMENTS				SM	12,877	64
SUBTOTAL						24,990
CONTINGENCY (5%)						1,250
TOTAL CONTRACT COST						26,240
SIOH (5.7%)						1,496
TOTAL REQUEST						27,736
TOTAL REQUEST (ROUNDED)						27,700
EQUIPMENT FROM OTHER APPROPRIATIONS						6,136
<p>10. DESCRIPTION OF PROPOSED WORK: Construct a fully functioning Air Force Reserve Command consolidated mission facility on Robins AFB. Construct a multi-story building, including reinforced concrete caissons, foundation and floor slabs, steel framing and trusses, exterior walls and roofing system. Includes secure and non-secure spaces. All supporting utilities, pavements and landscaping are included. All interior and exterior communications infrastructure is included. This completed project shall be able to receive a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Silver. This facility shall be designed and constructed in accordance with current AT/FP standards. Air Conditioning: 263 Tons</p>						
<p>11. REQUIREMENT: 8,547 SM ADEQUATE: 0 SF SUBSTANDARD: 8,547 SM <u>PROJECT:</u> Construct AFRC Consolidated Mission Complex (Current Mission) <u>REQUIREMENT:</u> Facility for Air Force Reserve units and staff at Robins AFB to provide permanent space to replace a temporary leased modular facility designed to house 440 personnel. The temporary facility was required due to expiring leases for two off-base, non-force protection compliant facilities, and activation of the new Force Generation Center (FGC), driving an immediate need for additional facility space on Robins AFB. The 78 ABW/CC, Robins AFB, certified no space exists to meet this need. 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. Project enables AFMC mission consolidation, optimization, and execution of base master plan. <u>CURRENT SITUATION:</u> Temporary facilities were installed in FY11 and leased for up to 5 years because MILCON could not meet the mission required timeline. AFRC Professional Development Center, 622 Medical Squadron, 951 Support Squadron, FGC, and offices for HQ and support staff are scattered in 9 geographically separated facilities on Robins AFB, creating organizational and command/control inefficiencies. Majority of AFRC facilities are located proximal to Robins AFB flight line and maintenance complex. AFRC presence at Robins AFB has increased by approximately 260 positions due to approved reorganizations, Numbered Air Force consolidation, and stand up of the FGC. The 78 ABW has certified no additional space is available within existing base facilities to accommodate AFRC units and has approved siting an AFRC consolidated mission facility on land previously used for military family housing. In the interim, the staff increase has been accommodated in leased temporary modular facilities on Robins AFB at a significant O&M cost. <u>IMPACT IF NOT PROVIDED:</u> AFRC unit operations will continue to function from temporary, inefficient, and improperly located facilities. O&M outlays will continue to increase for lease, sustainment, and operation of energy inefficient modular facilities. AFRC staff and squadrons will be left without proper and appropriate facilities necessary to support mission operations. Joint AFRC/WR-ALC consolidation plan resulting in eventual O&M demolition of approximately 148, 900 SF of older inefficient facilities at Robins AFB cannot be initiated. <u>ADDITIONAL:</u> POC is Mike Klug, HQ AFRC/A7PP, DSN 497-1108. New work: 8,547 SM = 92,000 SF. This project is a candidate for comprehensive interior design (\$340K). Equipment from other appropriations: \$3,956K for furnishings and \$1,840K for communications. Phase 1 completion enables immediate divestiture of 92,000 SF temporary AFRC facility. <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.</p>						

1. COMPONENT AIR FORCE RESERVE	FY 2015 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAR 2014
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3. INSTALLATION AND LOCATION
ROBINS AIR FORCE BASE, GEORGIA

4. PROJECT TITLE AFRC CONSOLIDATED MISSION COMPLEX – PHASE 1	5. PROJECT NUMBER UHHZ073004
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started: Apr 2010

b. Parametric estimates have been used to develop project cost.

c. Percentage Complete as of January 1, 2013 10%

d. Date Design 35% Complete Dec 2014

e. Date Design Complete - (If design-build, construction complete) May 2015

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 (2,593)

d. Contract (A-E) (2,493)

e. In-house (management) (100)

4. CONSTRUCTION START Sep 2015

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>
Systems Furniture	3740	FY 2017	3,956
Interior Design Services	3740	FY 2017	340
Communications Equipment	3740	FY 2017	1,840

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAR 2014
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA				4. AREA CONSTR COST INDEX 0.86	
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					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
171-445	AFRC CONSOLIDATED MISSION COMPLEX, PHASE I	8,547 SM	27,700	Apr 2010	May 2015
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 2 May 2013					
9. LAND ACQUISITION REQUIRED				<i>(Number of Acres)</i>	
NONE					
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	
None					
RPM BACKLOG AT THIS INSTALLATION (\$000): \$1,700					

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2014
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3. INSTALLATION AND LOCATION

ROBINS AIR FORCE BASE, GEORGIA

11. PERSONNEL STRENGTH AS OF JAN 2014

	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	1,208	242	365	601	480	90	390
ACTUAL	1,247	238	356	653	495	92	403

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
AFR Manpower & Information Flight	17	18
AFR Force Generation Center	100	96
HQ AFRC	1,096	1,119
339 Test Flight Squadron	50	40
413 Aeromedical Staging Squadron	99	119
413 Flight Test Group	39	35
AFR Readiness Management Group	44	56
94 Aerial Port Squadron	128	139
413 Force Support Flight	20	21
55 Combat Communications Squadron	95	99
Total	1,688	1,742

13. MAJOR EQUIPMENT AND AIRCRAFT

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

1. COMPONENT AIR FORCE RESERVE		FY 2015 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2014			
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA			4. PROJECT TITLE KC-135 TANKER PARKING APRON EXPANSION					
5. PROGRAM ELEMENT 52576F		6. CATEGORY CODE 113-321	7. PROJECT NUMBER VKAG089003		8. PROJECT COST (\$000) 9,800			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES								7,843
DEMO/DISPOSE – EXISTING 15” CONCRETE PAVEMENT					SM	2,450	88	(216)
15” CONCRETE APRON					SM	35,400	130	(4,602)
BASE FOR CONCRETE					SM	35,400	47	(1,664)
SITE/SUBGRADE PREP					SM	35,400	34	(1,204)
PAVEMENT MARKINGS					SM	157,200	1	(157)
SUPPORTING FACILITIES								665
BLAST DEFLECTOR REMOVE/REINSTALL					LM	268	473	(127)
REMOVE APRON LIGHTS					EA	4	4,728	(19)
REINSTALL APRON LIGHTS WITH BASE					EA	4	33,914	(136)
REMOVE/REPLACE FIRE HYDRANTS					EA	6	4,256	(26)
REMOVE/REPLACE WATER LINE					LM	268	312	(84)
REMOVE/REPLACE DRAINAGE					LM	250	340	(85)
REMOVE/REPLACE DRAINAGE BOXES					EA	6	5,816	(35)
REMOVE/REPLACE FENCING					LM	280	227	(64)
FENCE GATES					EA	4	2,837	(11)
HYDROSEEDING					SM	4,089	10	(41)
DEMO PARKING LOT					SM	1,175	33	(39)
SUBTOTAL								8,508
CONTINGENCY (5%)								<u>425</u>
TOTAL CONTRACT COST								8,933
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)								509
DESIGN/BUILD – DESIGN COST (4.0% OF SUBTOTAL)								<u>340</u>
TOTAL REQUEST								9,783
TOTAL REQUEST (ROUNDED)								9,800
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Expand the existing apron outside of rows A and D to provide peripheral taxi lanes that accommodate KC-135R pull-through capability. Construct portland concrete cement apron extensions to include grading, sub-base, base-course, pavement, relocated blast deflectors, edge drains, relocated apron flood lighting, pavement marking, security fencing, relocated utilities, demolition of existing concrete, and all other necessary support. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.								
11. REQUIREMENT: 157,224 SM ADEQUATE: 121,824 SM SUBSTANDARD: 2,450 SM PROJECT: Tanker Parking Apron Expansion (Current Mission) REQUIREMENT: Sixteen KC-135R parking spaces that meet the requirements of UFC 3-260-01 “Airfield and Heliport Planning and Design”, including interior and peripheral taxi lanes, are required. Adequate pavement and configuration is required to prevent significant loss of 916 ARW mission capability and frequent mission interruptions. 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: Currently, Seymour Johnson AFB has sixteen KC-135R parking spaces (four rows of four) with only three interior taxi lanes. Aircraft for the outermost rows (A and D) do not have pull through capability, via peripheral taxi lanes,								

1. COMPONENT AIR FORCE RESERVE	FY 2015 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAR 2014
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA		4. PROJECT TITLE KC-135 TANKER PARKING APRON EXPANSION	
5. PROGRAM ELEMENT 52576F	6. CATEGORY CODE 113-321	7. PROJECT NUMBER VKAG089003	8. PROJECT COST (\$000) 9,800
as recommended by UFC 3-260-01. They are currently pushed back into the parking spaces, which depletes over 800 man-hours just to support aircraft parking operations.			
<u>IMPACT IF NOT PROVIDED:</u> Eight of the sixteen aircraft parking spaces required to support the assigned KC-135R aircraft will not be adequate to efficiently support the mission. This will degrade readiness capabilities and the ability to meet mission requirements when generating aircraft for both exercises and real world threats.			
<u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084 – “Facility Requirements”, Air Force Reserve Command Handbook 32-1001 - "Standard Facility Requirements” and UFC 3-260-01 – “Airfield and Heliport Planning and Design.” All known alternative options were considered during project development. No other options meet the mission requirements. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive Orders. New work: 35,400 SM = 42,338 SY (381,042 SF). Demolition: 2,450 SM=2,930 SY (26,371 SF). Base Civil Engineer: Richard E. Dwyer, Lt Col, USAF, Phone DSN 722-5142. AFRC POC: Mike Klug, HQ AFRC/A7PP, DSN 497-1108			
<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 requirements.			

1. COMPONENT AIR FORCE RESERVE	FY 2015 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAR 2014
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3. INSTALLATION AND LOCATION
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

4. PROJECT TITLE KC-135 TANKER PARKING APRON EXPANSION	5. PROJECT NUMBER VKAG089003
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started: Jun 2014

b. Parametric estimates have been used to develop project cost.

c. Percentage Complete as of January 1, 2013 0%

d. Date Design 35% Complete Dec 2014

e. Date Design Complete - (If design-build, construction complete) May 2015

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 (917)

d. Contract (A-E) (882)

e. In-house (management) (35)

4. CONSTRUCTION START Sep 2015

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>
None			

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2014												
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA		4. AREA CONSTR COST INDEX 0.82												
5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year. Daily use by technician/AGR force.														
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>113-321</td> <td>KC-135 TANKER PARKING APRON EXPANSION</td> <td>35,400 SM</td> <td>9,800</td> <td>Jun 2014</td> <td>May 2015</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>	113-321	KC-135 TANKER PARKING APRON EXPANSION	35,400 SM	9,800	Jun 2014	May 2015
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>									
113-321	KC-135 TANKER PARKING APRON EXPANSION	35,400 SM	9,800	Jun 2014	May 2015									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Review pending														
9. LAND ACQUISITION REQUIRED NONE		<i>(Number of Acres)</i>												
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></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>		None					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>										
	None													
RPM BACKLOG AT THIS INSTALLATION (\$000): \$6,500														

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2014
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3. INSTALLATION AND LOCATION

SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

11. PERSONNEL STRENGTH AS OF JAN 2014

	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	364	54	281	29	1,156	119	1,037
ACTUAL	255	37	194	24	1,117	113	1,004

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
916 Air Refueling Wing	56	51
916 Operations Group	8	6
916 Operations Support Squadron	62	62
77 Air Refueling Squadron	97	60
916 Maintenance Group	56	46
916 Maintenance Squadron	229	181
916 Aircraft Maintenance Squadron	231	149
916 Mission Support Group	6	5
916 Civil Engineer Flight	44	57
916 Security Forces Squadron	67	89
916 Force Support Squadron	56	81
916 Logistics Readiness Squadron	78	108
916 Aerospace Medicine Squadron	56	81
307 Fighter Squadron	19	17
414 Fighter Group	26	14
414 Maintenance Squadron	220	154
567 RED HORSE Squadron	209	221
Total	1,520	1,372

13. MAJOR EQUIPMENT AND AIRCRAFT

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

1. COMPONENT AIR FORCE RESERVE	FY 2015 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2014	
3. INSTALLATION AND LOCATION NAS FORT WORTH JRB, TEXAS			4. PROJECT TITLE EOD FACILITY		
5. PROGRAM ELEMENT 52576F	6. CATEGORY CODE 141-165	7. PROJECT NUMBER DDPM130008	8. PROJECT COST (\$000) 3,700		
9. COST ESTIMATE					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
EXPLOSIVE ORDNANCE DISPOSAL FACILITY		SM	1,166	2,264	2,640
SUSTAINABILITY AND ENERGY MEASURES					53
SUPPORTING FACILITIES					604
COMMUNICATIONS		LS			(79)
SITE IMPROVEMENTS		LS			(81)
UTILITY ACCESS		LS			(130)
PAVEMENTS		LS			(314)
SUBTOTAL					3,297
CONTINGENCY (5%)					165
TOTAL CONTRACT COST					3,462
SIOH (5.7%)					197
TOTAL REQUEST					3,659
TOTAL REQUEST (ROUNDED)					3,700
EQUIPMENT FROM OTHER APPROPRIATIONS					147
<p>10. DESCRIPTION OF PROPOSED WORK: Construct a 1,166 SM (12,550 SF) one-story structure consisting of reinforced concrete foundation and floor slab, masonry walls with brick exterior, standing seam metal roof, fire protection, vehicle parking lot, sidewalks, exterior lighting, and support facilities. 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. This completed project shall be able to receive a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Silver. This facility shall be designed and constructed in accordance with current AT/FP standards. Air Conditioning: 20 Tons</p>					
<p>11. REQUIREMENT: 1,166 SM ADEQUATE: 0 SF SUBSTANDARD: 140 SM <u>PROJECT:</u> Construct Explosive Ordnance Disposal Facility (New Mission) <u>REQUIREMENT:</u> A properly sized and configured Explosive Ordnance Disposal (EOD) Facility is necessary to train personnel, store unit equipment, and perform required maintenance on assigned assets. Unit accomplishes detection, identification, field evaluation, disposal, recovery, and disposition of explosives potentially hazardous to operations and the installation. 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. <u>CURRENT SITUATION:</u> EOD flight currently occupies 1,058 SF of work space and 454 SF of storage in Building 1651, which is 15% of the authorized space allowance. Mission critical equipment items such as the high value Bomb Squad Emergency Response Vehicle (BSERV) are stored outdoors in the elements. There is no adequate dedicated space available for administrative offices, equipment storage, equipment maintenance, or lockers for assigned EOD staff. The ability to properly execute local emergency response missions as well as their ability to properly train assigned reservists for deployment is degraded by the lack of adequate and properly configured facility space. <u>IMPACT IF NOT PROVIDED:</u> The high value equipment will continue to be stored outside in the elements, which will shorten its life span and mission capability. The EOD mission will continue to be compromised without proper offices, maintenance spaces, and storage space for equipment and locker. <u>ADDITIONAL:</u> Facility requirement validated by Command FOCUS Programming Workshop held 03 Aug 2012 and is consistent with AFRCH32-1001 facility space standards. Cost estimate for this facility was developed using Parametric Cost Engineering System (PACES) 2007 computer program. New Work: 1,166 SM = 12,550 SF. Equipment from Other Appropriations: \$147K for furnishings: Installation POC: Mr. Vyas Nalin, 301 MSG/BCE, DSN 739-6297. AFRC POC: Mr. Mike Klug, HQ AFRC/A7PP, DSN 497-1108. This project is a candidate for comprehensive interior design. <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 requirements.</p>					

1. COMPONENT AIR FORCE RESERVE	FY 2015 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAR 2014
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3. INSTALLATION AND LOCATION
NAS FORT WORTH JRB, TEXAS

4. PROJECT TITLE EOD FACILITY	5. PROJECT NUMBER DDPM130008
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started: Jun 2014

b. Parametric estimates have been used to develop project cost.

c. Percentage Complete as of January 1, 2013 0%

d. Date Design 35% Complete Dec 2014

e. Date Design Complete - (If design-build, construction complete) May 2015

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 (346)

d. Contract (A-E) (333)

e. In-house (management) (13)

4. CONSTRUCTION START Sep 2015

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>
Systems Furniture	3740	FY 2016	147
Interior Design Services	3740	FY 2016	46
Communications Equipment	3740	FY 2016	251

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2014												
3. INSTALLATION AND LOCATION NAS FORT WORTH JRB, TEXAS		4. AREA CONSTR COST INDEX 0.91												
5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year. Daily use by technician/AGR force.														
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 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>141-165</td> <td>EOD FACILITY</td> <td>1,166 SM</td> <td>3,700</td> <td>Jun 2014</td> <td>May 2015</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>	141-165	EOD FACILITY	1,166 SM	3,700	Jun 2014	May 2015
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>									
141-165	EOD FACILITY	1,166 SM	3,700	Jun 2014	May 2015									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Review pending														
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 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></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>		None					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>										
	None													
RPM BACKLOG AT THIS INSTALLATION (\$000): \$50,000														

1. COMPONENT AIR FORCE RESERVE	FY 2015 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2014					
3. INSTALLATION AND LOCATION NAS FORT WORTH JRB, TEXAS							
11. PERSONNEL STRENGTH AS OF JAN 2014							
	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	537	60	314	163	1,126	191	935
ACTUAL	524	59	309	156	1,432	243	1,189
12. RESERVE UNIT DATA			STRENGTH				
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
10 Air Force	68	73					
301 Fighter Wing	102	111					
301 Operations Group	7	7					
301 Operations Support Flight	35	40					
457 Fighter Squadron	39	43					
301 Maintenance Group	40	42					
301 Maintenance Squadron	193	307					
301 Aircraft Maintenance Squadron	194	289					
301 Mission Support Group	7	7					
301 Civil Engineer Squadron	102	98					
301 Security Forces Squadron	86	93					
301 Force Support Squadron	66	77					
301 Logistics Readiness Squadron	115	132					
301 Communications Squadron	40	63					
301 Contracting Flight	11	10					
301 Medical Squadron	236	229					
73 Aerial Port Squadron	126	132					
610 Security Forces Squadron	160	180					
822 Civil Engineering Flight	36	23					
	<u>1,663</u>	<u>1,956</u>					
Total	1,663	1,956					
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u> F-16C/D	<u>AUTHORIZED</u> 24	<u>ASSIGNED</u> 24					

**DEPARTMENT OF THE AIR FORCE AIR
FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF
ESTIMATES FOR FISCAL YEAR 2015**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$1,400,000

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 2015 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2014		
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 150341		8. PROJECT COST (\$000) 1,400		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION				LS	-	-	1,400
SUBTOTAL							1,400
TOTAL CONTRACT COST							1,400
TOTAL REQUEST							1,400
10. Description of Proposed Construction:							
11. REQUIREMENT: As required.							
<u>PROJECT:</u> Unspecified Minor Construction							
<u>REQUIREMENT:</u> This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$2,000,000. 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 FY15.							
<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 2015 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2014	
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 150313	8. PROJECT COST (\$000) 6,892		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN		LS	-	-	6,892
SUBTOTAL					6,892
TOTAL CONTRACT COST					6,892
TOTAL REQUEST					6,892
10. Description of Proposed Construction:					
<p>11. REQUIREMENT: As required.</p> <p><u>PROJECT</u>: Planning and Design.</p> <p><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 and 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 beddown 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.</p> <p><u>IMPACT IF NOT PROVIDED</u>: Continued design on this fiscal year's program, as well as future year MILCON programs will not be viable and will harm the AFRs ability to effectively execute the MILCON program.</p>					

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	Footprint	PA
16	AZ	Davis-Monthan AFB	Guardian Angel Operations	Current Mission	New	14,500
16	GA	Dobbins ARB	Fire Station/Security Complex	Current Mission	New	16,900
16	TX	Lackland AFB	Consolidate 433 Medical Facility	Current Mission	New	9,900
				Total Projects		41,300
				Planning and Design		4,900
				Unspecified MC		2,349
				Total FY16 Program		48,549
17	MA	Westover AFB	C-5 Aircraft Maintenance Shop Facility	Current Mission	New	32,000
				Total Projects		32,000
				Planning and Design		1,500
				Unspecified MC		2,997
				Total FY17 Program		36,497
18	MS	Keesler AFB	Aeromedical Staging Squadron	Current Mission	New	3,000
18	OH	Youngstown ARS	CATM Facility	Current Mission	New	9,000
18	N/A	Unspecified	KC-46A MOB #3 Facility Projects	New Mission	New	48,100
				Total Projects		60,100
				Planning and Design		1,000
				Unspecified MC		1,046
				Total FY18 Program		62,146
19	GA	Dobbins ARB	Fitness Center Facility	Current Mission	New	11,900
19	MO	Whiteman AFB	Munitions Trailer Maintenance	Current Mission	New	3,300
				Total Projects		15,200
				Planning and Design		3,200
				Unspecified MC		5,954
				Total FY19 Program		24,354