

Fiscal Year (FY) 2020 Budget Estimates

AIR FORCE RESERVE



FY 2020 MILITARY CONSTRUCTION PROGRAM

**March
2019**

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION
OF ESTIMATES FOR FISCAL YEAR 2020**

TABLE OF CONTENTS

Table of Contents..... i
FY 2020 Military Construction Projects List By State..... ii
FY 2020 Military Construction Projects New/Current Mission, Environmental List..... iii

SECTION 1 - SPECIAL PROGRAM CONSIDERATIONS

FY 2020 Pollution Abatement/Energy Conservation Listing..... b-i

SECTION 2 - BUDGET APPENDIX EXTRACT

FY 2020 Appropriations Language c-i
Special Program Considerations c-ii

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

Major Construction, Air Force Reserve 1
Unspecified Minor Construction, Air Force Reserve 6

SECTION 4 - PLANNING AND DESIGN

Planning and Design, Air Force Reserve 8

SECTION 5 - FUTURE YEARS DEFENSE PROGRAM

Future Years Military Construction Projects List..... 11

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

MAJOR CONSTRUCTION

FY 2020 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 Consolidated Mission Complex – Phase 3	<u>43,000</u>	<u>43,000</u>	2
	SUBTOTAL	43,000	43,000	
	TOTAL IN THE UNITED STATES	43,000	43,000	
	Unspecified Minor Construction	12,146	12,146	
	Planning & Design	<u>4,604</u>	<u>4,604</u>	
	GRAND TOTAL	59,750	59,750	

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

MAJOR CONSTRUCTION

FY 2020 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 Consolidated Mission Complex – Phase 3	<u>43,000</u>	Current	New

TOTAL **43,000**

SUBTOTALS:

New Mission	0
Current Mission	43,000
Environmental	0
Unspecified Minor Construction	12,146
Planning & Design	<u>4,604</u>

FY 2020 APPROPRIATIONS TOTAL: **59,750**

SECTION 1
SPECIAL PROGRAM CONSIDERATIONS

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

MAJOR CONSTRUCTION

FY 2020 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2020.

SECTION 2

BUDGET APPENDIX EXTRACT

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

FY 2020 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, \$59,750,000 to remain available until September 30, 2024.

**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 2020 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE MAR 2019												
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 <table border="1" data-bbox="87 842 1529 972"> <thead> <tr> <th data-bbox="87 842 228 869">CATEGORY</th> <th data-bbox="256 875 643 903"><u>PROJECT TITLE</u></th> <th data-bbox="737 875 878 903"><u>SCOPE</u></th> <th data-bbox="927 842 1019 903"><u>COST (\$000)</u></th> <th data-bbox="1057 842 1182 903"><u>DESIGN START</u></th> <th data-bbox="1300 842 1442 903"><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="107 905 212 932">171-445</td> <td data-bbox="256 905 643 972">CONSOLIDATED MISSION COMPLEX – Phase 3</td> <td data-bbox="737 905 878 932">11,612 SM</td> <td data-bbox="927 905 1019 932">43,000</td> <td data-bbox="1057 905 1182 932">Oct 2018</td> <td data-bbox="1300 905 1442 932">Oct 2019</td> </tr> </tbody> </table>						CATEGORY	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>	171-445	CONSOLIDATED MISSION COMPLEX – Phase 3	11,612 SM	43,000	Oct 2018	Oct 2019
CATEGORY	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>												
171-445	CONSOLIDATED MISSION COMPLEX – Phase 3	11,612 SM	43,000	Oct 2018	Oct 2019												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, May 2017																	
9. LAND ACQUISITION REQUIRED NONE				<i>(Number of Acres)</i>													
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="87 1478 1529 1566"> <thead> <tr> <th data-bbox="87 1478 228 1539"><u>CATEGORY CODE</u></th> <th data-bbox="444 1505 643 1533"><u>PROJECT TITLE</u></th> <th data-bbox="906 1505 998 1533"><u>SCOPE</u></th> <th data-bbox="1133 1478 1203 1539"><u>COST (\$000)</u></th> <th data-bbox="1365 1505 1442 1533"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="505 1539 581 1566">None</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): \$1,700																	

1. COMPONENT AIR FORCE RESERVE	FY 2020 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MAR 2019
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3. INSTALLATION AND LOCATION

ROBINS AIR FORCE BASE, GEORGIA

11. PERSONNEL STRENGTH AS OF MAR 2018

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		ENLISTED
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	
AUTHORIZED	1,259	241	328	690	414	69	345
ACTUAL	1,255	238	356	661	495	20	403

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
AFR Manpower & Information Flight	28	26
AFR Force Generation Center	95	96
HQ AFRC	1,064	1,109
339 Test Flight Squadron	49	40
413 Aeromedical Staging Squadron	96	119
413 Flight Test Group	53	45
960 Cyber Ops Group	46	56
94 Aerial Port Squadron	125	139
413 Force Support Flight	23	21
55 Combat Communications Squadron	96	98
Total	1,675	1,749

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
None		

1. COMPONENT AIR FORCE RESERVE		FY 2020 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2019	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE CONSOLIDATED MISSION COMPLEX, PHASE 3			
5. PROGRAM ELEMENT 52576F		6. CATEGORY CODE 171-445	7. PROJECT NUMBER UHHZ073005		8. PROJECT COST (\$000) 43,000	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES					32,606	
HQ AFRC FACILITY		SM	11,612	2,753	(31,967)	
SDD & EPCAct05 (2%)					(639)	
SUPPORTING FACILITIES					6,096	
UTILITIES		LS			(2,400)	
SITE IMPROVEMENTS		AC	2	733,00	(1,466)	
COMMUNICATIONS		LS		0	(730)	
PAVEMENTS		LS			<u>(1,500)</u>	
SUBTOTAL					38,702	
CONTINGENCY (5%)					<u>1,935</u>	
TOTAL CONTRACT COST					40,637	
SIOH (5.7%)					<u>2,316</u>	
TOTAL REQUEST					42,953	
TOTAL REQUEST (ROUNDED)					43,000	
EQUIPMENT FROM OTHER APPROPRIATIONS					7,906	
<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. Interior and exterior communications infrastructure is included. Facility will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. This facility shall be designed and constructed in accordance with current AT/FP standards. A/C: 359 Tons</p>						
<p>11. REQUIREMENT: 11,612 SM ADEQUATE: 0 SF SUBSTANDARD: 11,612 SM</p> <p>PROJECT: Construct Consolidated Mission Complex, Phase 3 (Current Mission)</p> <p>REQUIREMENT: Facility for Air Force Reserve units and staff at Robins AFB is required in order to consolidate Command operations and remove unsustainable and inadequate facilities. Space required for HQ AFRC staff and unit personnel at Robins AFB. AFRC facilities must be properly located to accommodate AFMC mission growth at Robins AFB. 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 ©, and other applicable laws and Executive Orders. Project enables AFMC mission consolidation, optimization, and execution of base master plan. Existing site requires a portion of the facility to add a basement structure.</p> <p>CURRENT SITUATION: Offices for HQ and support staff are scattered in nine geographically separated facilities on Robins AFB, creating organizational and command/control inefficiencies. The majority of AFRC facilities are located proximal to Robins AFB flightline and maintenance complex. This project accomplishes 3rd phase of consolidation of entire AFRC staff into a single high efficiency and sustainable complex in the administrative district of the base. Project required to implement facility consolidation and optimization plan affecting entire Robins AFB. AFMC will utilize vacated AFRC facilities to consolidate depot operations and accommodate mission growth. Unsustainable and inadequate AFMC facilities will be demolished. The 78 ABW has approved siting on land previously used for military housing.</p> <p>IMPACT IF NOT PROVIDED: AFRC unit operations will continue to function from inefficiency and improperly located facilities. O&M outlays will continue to increase for sustainment and operation of energy inefficient 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.</p> <p>ADDITIONAL: POC is HQ AFRC/A7CD, DSN 497-1995. New work: 11,612 SM = 125,000 SF. This project is a candidate for comprehensive interior design (\$340K). Equipment from other appropriations: \$2,950K for communications, and \$4,956 for furnishings.</p> <p>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.</p>						

1. COMPONENT AIR FORCE RESERVE	FY 2020 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAR 2019
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3. INSTALLATION AND LOCATION
 ROBINS AIR FORCE BASE, GEORGIA

4. PROJECT TITLE CONSOLIDATED MISSION COMPLEX – PHASE 3	5. PROJECT NUMBER UHHZ073005
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12. SUPPLEMENTAL DATA:

A. ESTIMATED EXECUTION DATA

1. ACQUISITION STRATEGY (Design-Bid-Build)

2. DESIGN DATA

- a. Design or Request for Proposal (RFP) Started: (Oct 2018)
- b. Percent of Design Completed as of Jan 2019: (15%)
- c. Design or RFP Complete: (Oct 2019)
- d. Total Design Cost (\$000): (4,300)
- e. Energy Study and/or Life Cycle Analysis performed: (No)
- f. Standard or definitive design used: (No)

3. CONSTRUCTION DATA

- a. Construction Award (Mar 2020)
- b. Construction Start (Jun 2020)
- c. Construction Complete (Jul 2022)

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>
Systems Furniture	3740	FY 2020	4,956
Interior Design Services	3740	FY 2020	340
Communications Equipment	3740	FY 2020	2,950

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF
ESTIMATES FOR FISCAL YEAR 2020**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$12,146,000

PART I - PURPOSE AND SCOPE

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

PART II - JUSTIFICATION OF FUNDS REQUESTED

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

1. COMPONENT AIR FORCE RESERVE		FY 2020 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2019		
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 200341		8. PROJECT COST (\$000) 12,146		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION				LS	-	-	<u>12,146</u>
SUBTOTAL							12,146
TOTAL CONTRACT COST							12,146
TOTAL REQUEST							12,146
10. Description of Proposed Construction:							
11. REQUIREMENT: As required.							
PROJECT: Unspecified Minor Construction							
REQUIREMENT: This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$6,000,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY20.							
IMPACT IF NOT PROVIDED: No means to accomplish exigent projects costing less than \$6,000,000 will exist, severely degrading the ability of the Air Force Reserve to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.							

SECTION 4
PLANNING AND DESIGN

1. COMPONENT AIR FORCE RESERVE	FY 2020 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAR 2019			
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 200313	8. PROJECT COST (\$000) 4,604				
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN				LS	-	-	4,604
SUBTOTAL							4,604
TOTAL CONTRACT COST							4,604
TOTAL REQUEST							4,604
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
21	TX	Naval Air Station JRB Ft. Worth	F-35 Simulator Facility	New Mission	New	14,200
21	TX	Naval Air Station JRB Ft. Worth	F-35 Squadron Operations/AMU	New Mission	New	23,000
21	MN	Minneapolis-St. Paul IAP	Aerial Port Facility	Current Mission	New	9,800
				Total Projects		47,000
				Planning & Design		5,812
				Unspecified MC		1,628
				Total FY21 Program		54,440
22	MD	Joint Base Andrews	AES Training Admin Facility	Current Mission	New	15,000
22	NY	Niagara Falls IAP	Main Gate	Current Mission	New	6,800
22	FL	Patrick AFB	Simulator C-130J	Current Mission	New	9,900
22	FL	Homestead AFS	Corrosion Control Facility	Current Mission	New	9,400
22	OH	Youngstown MAP	Commercial Gate	Current Mission	New	9,900
				Total Projects		51,000
				Planning & Design		3,190
				Unspecified MC		13,383
				Total FY22 Program		67,573
23	CA	Beale AFB	940 ARW Squad Ops/AMU	Current Mission	New	33,000
				Total Projects		33,000
				Planning & Design		2,699
				Unspecified MC		9,913
				Total FY23 Program		45,613
24	OH	Youngstown MAP	Assault Strip Widening	Current Mission	New	7,200
24	MN	Minneapolis-St. Paul IAP	Mission Support Group Facility	Current Mission	New	9,500
24	IN	Grissom ARB	Logistics Readiness Complex	Current Mission	New	13,000
				Total Projects		29,700
				Planning & Design		3,360
				Unspecified MC		7,456
				Total FY24 Program		40,516