FY 2002 Amended Budget Submission

AIR FORCE RESERVE COMMAND

FY 2002
MILITARY CONSTRUCTION PROGRAM

June 2001

Justification Data Submitted to Congress

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2002
MILITARY CONSTRUCTION PROGRAM

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

MAJOR CONSTRUCTION

FY 2002 MILITARY CONSTRUCTION STATE LIST

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH OF APPROP AMOUNT	APPROP AMOUNT	DD FORM 1391 PAGE #
Alabama	Maxwell Air Force Base			
	Fuel Cell Maintenance Hangar	7,300	7,300	1
	Aircraft Maintenance Hangar	9,900	9,900	5
Georgia	Robins Air Force Base			
	Add/Alter AFRC Headquarters, Phase 2	2,000	2,000	9
Indiana	Grissom Air Reserve Base			
	Services Complex, Phase 3	13,200	13,200	13
Mississippi	Keesler Air Force Base			
	C-130J Maintenance Hangar	12,000	12,000	17
	SUBTOTAL	44,400	44,400	
	TOTAL IN THE UNITED STATES	44,400	44,400	
Worldwide	Unspecified Minor Construction	4,996	4,996	22
	Arch & Eng Svsc and Const Design	4,336	4,336	24
	GRAND TOTAL	**53,732**	**53,732**	

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

MAJOR CONSTRUCTION

FY 2002 NEW MISSION/ENVIRONMENTAL/CURRENT MISSION LISTING

LOCATION	PROJECT	COST	NEW/ENVIR/ CURRENT
Maxwell AFB, AL	Fuel Cell Maintenance Hangar	7,300	Current
Maxwell AFB, AL	Aircraft Maintenance Hangar	9,900	Current
Robins AFB, GA	Add/Alter AFRC Headquarters, Phase 2	2,000	Current
Grissom ARB, IN	Services Complex, Phase 3	13,200	Current
Keesler AFB, MS	C-130J Maintenance Hangar	12,000	New
	TOTAL	44,400	
	Subtotals:		
	New Mission	12,000	
	Current Mission	32,400	
	Environmental	0	
	Unspecified Minor Construction	4,996	
	Arch & Eng Svcs and Const Design	4,336	
	FY 2002 TOTAL	**53,732**	

SECTION 1

SPECIAL PROGRAM CONSIDERATIONS

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

MAJOR CONSTRUCTION

FY 2002 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2002.

SECTION 2

BUDGET APPENDIX EXTRACT

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

FY 2002 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE COMMAND

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, $53,732,000 in appropriations to remain available until 30 September 2007.

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM - FISCAL YEAR 2002

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 900-400, 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 Mission/Environmental/Current Mission Listing," 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	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAXWELL AIR FORCE BASE, ALABAMA	FUEL CELL MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-179	PNQS029010	7,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL CELL MAINTENANCE HANGAR	SM	2,278	1,719	3,915
WATER FIRE PUMPING STATION	SM	173	3,200	554
ANTI-TERRORISM/PHYSICAL PROTECTION	LS			39
SUPPORTING FACILITIES	LS			2,124
UTILITIES	LS			(848)
PAVEMENTS	LS			(320)
SITE IMPROVEMENTS	LS			(500)
DEMOLISH EXISTING FUEL CELL HANGAR	LS			(456)
SUBTOTAL				6,632
CONTINGENCY (5%)				330
TOTAL CONTRACT COST				6,962
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				397
TOTAL REQUEST				7,359
TOTAL REQUEST (ROUNDED)				7,300

10. Description of Proposed Construction: Medium bay aircraft hangar with reinforced concrete foundations, floor slabs, structural steel frame, masonry walls, architechturally compatible roof, fire protection, utilities, site improvments, pavements, and necessary support. Includes water fire pumping station with 150,000 gallon water storage tank. Existing fuel cell hangar to be demolished with this project.

11. REQUIREMENT: 2,278 SM ADEQUATE: 0 SUBSTANDARD: 2,278 SM

PROJECT: Construct Aircraft Fuel Cell Maintenance Hangar (Current Mission).

REQUIREMENT: Adequately sized and functional aircraft fuel cell maintenance hangar to house the C-130H aircraft. Facility provides necessary ventilation equipment to remove fuel vapors for maintenance crews to work on the aircraft fuel cells.

CURRENT SITUATION: The stand-up of the Officer Training School (OTS) mission started in 1992. The existing fuel cell hangar conflicts with the required expansion of the OTS campus. Due to its location, the hangar is forcing poor land use within an already small installation and the new OTS campus encroachment upon the Squadron Officer School training fields and the future 908th maintenance complex. The hangar has been designated a "medium-risk" workplace by the bioenvironmental flight due to its inadequate ventilation system and proximity to the OTS student activities. The hangar was originally designed for JP4 fuel use instead of JP8 fuel which is now used by the C-130Hs. As a result, the fire suppression technology is inadequate and outdated.

IMPACT IF NOT PROVIDED: Planned future development of the OTS campus will have to be sited around the hangar. The layout and functionality of the $60M OTS campus is being compromised by this $7.3M project. It is near impossible to perform actual aircraft fuel cell work due to the fume safety hazards. If the ventilation and fire suppression systems are not completely replaced, the facility will become ineffective for its intended use.

ADDITIONAL: POC is Ms. Valerie Stacey, HQ AFRC/CEPD, DSN 497-1108. New Work: 2,278 SM = 24,511 SF.

JOINT USE CERTIFICATION: Although approved for unilateral construction, this facility can be used by other components on an as available basis. However, the scope of this project is based upon AF Reserve requirements.

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		25 JUN 01

3. INSTALLATION AND LOCATION

MAXWELL AIR FORCE BASE, ALABAMA

4. PROJECT TITLE	5. PROJECT NUMBER
FUEL CELL MAINTENANCE HANGAR	PNQS029010

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	JAN 00
b. Parametric Cost Estimate used to develop costs	N
c. Percentage Complete as of January 1, 2001	65%
d. Date Design 35% Complete	JUN 00
e. Date Design Complete - Remaining 65% design-build	APR 02

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 ($520)

a. Production of Plans and Specifications (35% design)	(_____)
b. All Other Design Costs (Design-build)	(_____)
c. Total	(520)
d. Contract (A-E)	(520)
e. In-house (USACE management)	(0)

4. CONSTRUCTION START SEP 02 .
(year and month)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION
Maxwell Air Force Base, Alabama

4. AREA CONSTR COST INDEX
0.86

5. FREQUENCY AND TYPE UTILIZATION
Daily fuel cell maintenance operations for assigned aircraft.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1 Air Force Installation (Gunter AFS)
1 Air National Guard Unit
4 Army National Guard Units

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-179	Fuel Cell Maintenance Hangar	2,278 SM	7,300	Jan 01	Apr 02

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
22 June 2000
Approval for unilateral construction.

9. LAND ACQUISITION REQUIRED
NONE
(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-111	Aircraft Maintenance Hangar	4,036	9,900	FY02

11. RPM BACKLOG AT THIS INSTALLATION ($000):
Air Force Reserve Facilities Only $1,549

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION

Maxwell Air Force Base, Alabama

11. PERSONNEL STRENGTH AS OF 6 Jun 2001

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	177	21	136	20	935	165	770
ACTUAL	178	22	138	18	964	149	815

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
908 Aeromedical Evacuation Squadron	73	75
25 Aerial Port Squadron	142	137
908 Aeromedical Patient Staging Sq	158	163
357 Airlift Squadron	97	121
908 Airlift Wing	642	646
Total	1,112	1,142

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H	8	9

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAXWELL AIR FORCE BASE, ALABAMA	AIRCRAFT MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-175	PNQS959004	9,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT MAINTENANCE HANGAR	SM	4,036	1,719	6,937
ANTI-TERRORISM/PHYSICAL PROTECTION	LS			69
SUPPORTING FACILITIES	LS			1,891
UTILITIES	LS			(991)
PAVEMENTS	LS			(475)
SITE IMPROVEMENTS	LS			(425)
SUBTOTAL				8,897
CONTINGENCY (5%)				445
TOTAL CONTRACT COST				9,342
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				532
TOTAL REQUEST				9,874
TOTAL REQUEST (ROUNDED)				9,900

10. Description of Proposed Construction: Construct high bay aircraft maintenance hangar with reinforced concrete foundations, floor slabs, structural steel frame, masonry walls, architecturally compatible roof, fire protection, utilities, pavements, site improvements, and necessary support.

11. REQUIREMENT: 4,036 SM ADEQUATE: 0 SUBSTANDARD: 4,800 SM

PROJECT: Aircraft Maintenance Hangar. (Current Mission)

REQUIREMENT: An adequate facility, properly sized and configured for the performance of simultaneous maintenance on two C-130 aircraft. The facility will also provide storage space for associated maintenance equipment/supplies and administrative space for assigned personnel.

CURRENT SITUATION: The aircraft hangar currently used to perform scheduled isochronal maintenance and unscheduled maintenance was constructed 1945. It requires extensive upgrades to the mechanical and electrical systems and minor structural re-vitalization to support maintenance functions and equipment. The proximity of this facility to the professional military education facilities poses a safety issue for Air University as well as a logistics issue to the Reserve Wing. The hangar is isolated from the rest of aircraft related facilities and it is not properly configured to provide the most efficient maintenance operations. Its location interferes with Air University educational activities. The facility is over 50 years old and on the historical register, making it uneconomical to renovate in order to meet current mission requirements.

IMPACT IF NOT PROVIDED: Without this project, aircraft maintenance will continue to be performed under inefficient conditions and further physical expansion of the professional military education facilities required by Air University will be limited. Safety concerns will keep the two missions incompatible as close neighbors, thus extending a potentially dangerous situation with aircraft and maintenance equipment moving in and around the hangar while educational and athletic functions occur.

ADDITIONAL: POC is Ms. Valerie Stacey, HQ AFRC/CEPD, DSN 497-1108. New Work: 4,036 SM = 53,443 SF.

JOINT USE CERTIFICATION: Although approved for unilateral construction, this facility can be used by other components on an as available basis. However, the scope of this project is based upon AF Reserve requirements.

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		25 JUN 01

3. INSTALLATION AND LOCATION

MAXWELL AIR FORCE BASE, ALABAMA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT MAINTENANCE HANGAR	PNQS959004

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started — JAN 95

b. Parametric Cost Estimate used to develop costs — N

c. Percentage Complete as of January 1, 2001 — 65%

d. Date Design 35% Complete — JUL 95

e. Date Design Complete - Remaining 65% design-build — JUN 02

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 ($485)

a. Production of Plans and Specifications (35% design) (_____)
b. All Other Design Costs (Design-build) (_____)
c. Total (485)
d. Contract (A-E) (485)
e. In-house (NAVFAC management) (0)

4. CONSTRUCTION START SEP 02 .
(year and month)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Communications	Host O&M	2003	22

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION
Maxwell Air Force Base, Alabama

4. AREA CONSTR COST INDEX
0.86

5. FREQUENCY AND TYPE UTILIZATION
Daily maintenance operations for assigned aircraft.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1 Air Force Installation (Gunter AFS)
1 Air National Guard Unit
4 Army National Guard Units

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-175	Aircraft Maintenance Hangar	4,036 SM	9,900	Jan 95	Jun 02

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
22 June 2000

Approval for unilateral construction.

9. LAND ACQUISITION REQUIRED
NONE
(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-179	Fuel Cell Maintenance Hangar	2,278	7,300	FY02

11. RPM BACKLOG AT THIS INSTALLATION ($000):
Air Force Reserve Facilities only: $1,549

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION

Maxwell Air Force Base, Alabama

11. PERSONNEL STRENGTH AS OF 6 Jun 2001

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	177	21	136	20	935	165	770
ACTUAL	178	22	138	18	964	149	815

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
908 Aeromedical Evacuation Squadron	73	75
25 Aerial Port Squadron	142	137
908 Aeromedical Patient Staging Sq	158	163
357 Airlift Squadron	97	121
908 Airlift Wing	642	646
Total	1,112	1,142

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H	8	9

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ROBINS AIR FORCE BASE, GEORGIA	ADD/ALTER AFRC HEADQUARTERS, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	610-284	UHHZ959210P2	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD/ALTER AFRC HEADQUARTERS, PHASE 2	LS			1,645
ROOF REPAIR				(600)
LANDSCAPING				(140)
PUBLIC ADDRESS SYSTEM				(115)
SECURITY SYSTEM				(175)
EXTERIOR FINISH INSULATION SYSTEM				(450)
COMMUNICATIONS				(435)
SUBTOTAL				1,645
DESIGN COST OF DESIGN BUILD CONTRACT				148
CONTINGENCY (5%)				82
TOTAL CONTRACT COST				1,875
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				107
TOTAL REQUEST				1,982
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Repair roof, upgrade landscaping, install new public address system and communications routing equipment, and apply exterior finish insulating system to entire facility.

11. REQUIREMENT: 14,943 SM ADEQUATE: 0 SUBSTANDARD: 11,650 SM

PROJECT: Add/Alter Air Force Reserve Command (AFRC) Headquarters Facility. (Current Mission)

REQUIREMENT: Adequate facility space is required for the AFRC staff to provide needed support to field units and to train deployable staff members in their wartime tasks. Phase I of this project does not address the upgrades to the roof, exterior, and communications systems. These system upgrades are required to bring building 210 up to the same standard as that of building 220, which houses the rest of the HQ staff.

CURRENT SITUATION: HQ AFRC currently occupies building 210, an 11,650 SM building constructed in 1955. In addition, AFRC leases off-base space and overcrowding exists in this facility. Space within building 210 must be rearranged to relieve overcrowding and to match the same standard in the renovated HQ AFRC Annex (building 220). Workstation size in building 210 is 4.6 SM compared to the Air Force minimum standard of 6.3 SM. Additionally, the utility subsystems (HVAC/electrical/plumbing/communications/etc.) are antiquated and severely undersized for their current load. The facility is structurally sound and is being renovated in Phase I of this project.

IMPACT IF NOT PROVIDED: Without Phase 2 completion the renovation of building 210 will be incomplete and will not meet the standard established in the AFRC Campus Plan and the work already completed on other facilities within the AFRC campus. Lack of roof repair may result in future damage to newly refurbished interior finishes. Lack of PA system and communications routing equipment will prevent connectivity with the other AFRC Headquarters facilities on the base.

ADDITIONAL: POC is Ms. Valerie Stacey, HQ AFRC/CEPD, DSN 497-1108.

JOINT USE CERTIFICATION: Although planned for unilateral construction, this facility can be used by other components on an as available basis. However, the scope of this project is based upon AF Reserve requirements.

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		25 JUN 01

3. INSTALLATION AND LOCATION

ROBINS AIR FORCE BASE, GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
ADD/ALTER AFRC HEADQUARTERS, PHASE 2	UHHZ959210P2

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	OCT 00
b. Parametric Cost Estimate used to develop costs	N
c. Percentage Complete as of January 1, 2001	30%
d. Date Design 35% Complete	APR 01
e. Date Design Complete - Remaining 65% design-build	SEP 01

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 ($80)

a. Production of Plans and Specifications (35% design)	(0)
b. All Other Design Costs (Design-build)	(80)
c. Total	(80)
d. Contract (A-E)	( )
e. In-house (USACE management)	(0)

4. CONSTRUCTION START NOV 01 .
(year and month)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
Robins Air Force Base, Georgia	0.8

5. FREQUENCY AND TYPE UTILIZATION

Facility to be used daily as part of a headquarters facility for the Air Force Reserve.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

1 Air National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
610-284	Add/Alter AFRC HQ, Phase 2	2,790 SM	2,000	Oct 00	Sep 01

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

15 Jul 98

Both phases approved for unilateral construction.

9. LAND ACQUISITION REQUIRED NONE

(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS NONE

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000):

AF Reserve Facilities only: 3,000

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION

Robins Air Force Base, Georgia

11. PERSONNEL STRENGTH AS OF 6 Jun 2001

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	678	115	149	414	107	57	50
ACTUAL	705	121	200	384	119	63	56

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
HQ AFRC	785	824
Total	785	824

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
None		

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GRISSOM AIR RESERVE BASE, INDIANA	SERVICES COMPLEX, PHASE 3

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	724-417	CTGB019001P3	13,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SERVICES COMPLEX, PHASE 3	SM	6,190	1,750	10,833
ANTI-TERRORISM/PHYSICAL PROTECTION	LS			108
SUPPORTING FACILITIES	LS			637
UTILITIES	LS			(350)
SITE IMPROVEMENTS	LS			(37)
PAVEMENTS	LS			(250)
SUBTOTAL				11,587
CONTINGENCY (5%)				579
DESIGN COST OF DESIGN-BUILD CONTRACT				348
TOTAL CONTRACT COST				12,514
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				713
TOTAL REQUEST				13,227
TOTAL REQUEST (ROUNDED)				13,200
FUNDING FROM OTHER APPROPRIATIONS (NON-ADD)				(1,350)

10. Description of Proposed Construction: Construction of a 6,190 SM (66,600 SF) four story masonry structure with brick exterior, standing seam metal roof, sprinkler fire protection, adequate ventilation, anti-terrorism security, handicap access, elevator service, and pre-wired communications outlets. Project includes the construction of a parking lot, sidewalks, exterior lighting, support utilities, and site restoration. Comprehensive interior design. Air Conditioning: 100 Ton Grade Mix: Visiting Quarters – 150 Person.

11. REQUIREMENT: 14,489 SM ADEQUATE: 7,750 SUBSTANDARD: 14,602 SM

PROJECT: Services Complex, Phase 3. (Current Mission)

REQUIREMENT: Safe and adequately sized lodging facilities for reservists during training periods. Includes 150 rooms, lobby, vending areas, laundry rooms, rest rooms, housing keeping, and linen storage.

CURRENT SITUATION: Current lodging facilities consist of six 75-person dormitories constructed in 1959. They fail to provide adequate space, ventilation, handicap access, and security. Insufficient ventilation results in mildewing many surfaces throughout the facilities. As a result, several rooms cannot be used. The dorms are located approximately three-quarters of a mile outside the main gate of Grissom ARB. As a result, they lack the security of those facilities within the base boundaries. The area around the lodging facilities is being developed for commercia l and industrial use. Thus, the presence of the dorms restricts the community's ability to redevelop, and the redevelopment adversely impacts the lodging facilities due to the increased traffic, noise, and security risk. The number one reason given for resigning from the 434 Air Refueling Wing (ARW) is the poor quality of living facilities.

IMPACT IF NOT PROVIDED: The 434 ARW's ability to perform its mission will be adversely impacted. The Air Force will have to incur the cost of training replacement personnel. The presence of the substandard lodging facilities at their current location will adversely impact the local community's redevelopment of the area. The lack of adequate security for current lodging facilities exposes assigned personnel and their property to threats from terrorists and vandals.

ADDITIONAL: This project is a candidate for comprehensive interior design. POC is Ms. Valerie Stacey, HQ AFRC/CEPD, DSN 497-1108. New Work: 6,190 SM = 66,600 SF.

JOINT USE CERTIFICATION: Although approved for unilateral construction, this facility can be used by other components on an as available basis. The scope of this project is based upon AF Reserve requirements.

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		25 JUN 01

3. INSTALLATION AND LOCATION

GRISSOM AIR RESERVE BASE, INDIANA

4. PROJECT TITLE	5. PROJECT NUMBER
GRISSOM SERVICES COMPLEX PHASE 3	CTGB019001P3

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	OCT 01
b. Parametric Cost Estimate used to develop costs	N
c. Percentage Complete as of January 1, 2001	0%
d. Date Design 35% Complete	JAN 02
e. Date Design Complete - Remaining 65% design-build	JUN 02

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	($1,452)
a. Production of Plans and Specifications (35% design)	(0)
b. All Other Design Costs (Design-build)	(0)
c. Total	(1,452)
d. Contract (A-E)	(1,452)
e. In-house (USACE management)	(0)
4. CONSTRUCTION START	SEP 02 . (year and month)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
SYSTEM FURNITURE	3740	2003	1,350

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION
Grissom Air Reserve Base, Indiana

4. AREA CONSTR COST INDEX
1.10

5. FREQUENCY AND TYPE UTILIZATION
Daily lodging support of reserve, active duty, and civilian employees performing temporary duty at Grissom Air Reserve base.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
1 Air National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
724-417	Services Complex-Phase 3	5,918 SM	13,200		

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
24 April 2000

Approval for unilateral construction.

9. LAND ACQUISITION REQUIRED
NONE
(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS
None

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-111	Add/Alter Maintenance Hangar	1,130/2,859 SM	5,585	06

11. RPM BACKLOG AT THIS INSTALLATION ($000):
23,026

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		18 Jun 01

3. INSTALLATION AND LOCATION

Grissom Air Reserve Base, Indiana

11. PERSONNEL STRENGTH AS OF 6 Jun 2001

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	536	36	247	253	941	112	829
ACTUAL	555	34	267	254	838	117	721

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
72 Air Refueling Squadron	53	62
434 Recruiting	3	1
434 Aeromedical Evacuation Sq	68	89
434 Air Refueling Wing	1,300	1,182
74 Air Refueling Sq	53	59
Total	1,477	1,393

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135R	20	22

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KEESLER AIR FORCE BASE, MISSISSIPPI	C-130J MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-111	MAHG963006	12,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-130J MAINTENANCE HANGAR	SM	4,900	1,700	8,330
ANTI-TERRORISM/PHYSICAL PROTECTION	LS			83
SUPPORTING FACILITIES	LS			2,005
UTILITIES (ELECTRICAL/MECHANICAL/SEWER)	LS			(1,220)
SITE WORK	LS			(275)
PAVEMENTS	LS			(510)
FIRE PROTECTION/SUPPRESSION SYSTEM	LS			435
SUBTOTAL				10,853
CONTINGENCY (5%)				543
TOTAL CONTRACT COST				11,396
SUPERVISION, INSPECTION & OVERHEAD (6%)				650
TOTAL REQUEST				12,046
TOTAL REQUEST (ROUNDED)				12,000

10. Description of Proposed Construction: Construct an aircraft maintenance hangar to provide two aircraft maintenance spaces and maintenance office space for C-130J-30 aircraft. Construction includes all necessary utilities, services, and pavements.

11. REQUIREMENT: 4,900 SM ADEQUATE: 0 SUBSTANDARD: 2,790

PROJECT: C-130J Aircraft Maintenance Hangar. (New Mission)

REQUIREMENT: In order to maintain the newly assigned C-130J-30 aircraft, a facility of adequate size and configuration must be provided for two maintenance bays. The facility must meet all safety and environmental health requirements to support aircraft maintenance activities. Office space is required for administration of the aircraft maintenance functions.

CURRENT SITUATION: There are eighteen C-130 aircraft assigned at Keesler AFB. Of these, 10 are to be converted to C-130J-30 aircraft. There are no hangars at Keesler AFB that can fully enclose the C-130J-30 aircraft. Lack of adequate, covered facilities requires aircraft tail maintenance and corrosion control activities be conducted on the apron without environmental control. During inclement weather and brisk winds, aircraft maintenance and repair cannot be accomplished. Twenty-one workdays per year in production are lost due to adverse weather conditions.

IMPACT IF NOT PROVIDED: The new aircraft are expected to arrive starting in spring, 2001. Dependence on favorable weather for aircraft maintenance activities will have a degrading effect on the operational readiness of the group. Conducting corrosion control activities outside subjects the operations to environmental compliance liabilities. Additionally, significant extra time is expended for special safety precautions when working outside. Delays in conducting maintenance functions cause mission delays and/or cancellation, both of which create serious mission degradation.

ADDITIONAL: POC is Ms. Valerie Stacey, HQ AFRC/CEPD, DSN 497-1108.

New Work: 4,900 SM = 52,688 SF.

JOINT USE CERTIFICATION: Although approved for unilateral construction, this facility can be used by other components on an as available basis. However, the scope of this project is based upon AF Reserve requirements.

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION

KEESLER AIR FORCE BASE, MISSISSIPPI

4. PROJECT TITLE	5. PROJECT NUMBER
C-130J MAINTENANCE HANGAR	MAHG963006

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	JAN 01
b. Parametric Cost Estimate used to develop costs	N
c. Percentage Complete as of January 1, 2001	0%
d. Date Design 35% Complete	SEPT 01
e. Date Design Complete - Remaining 65% design-build	N/A

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)	(275)
b. All Other Design Costs (Design-build)	( )
c. Total	(325)
d. Contract (A-E)	(275)
e. In-house (NAVFAC management)	(50)

4. CONSTRUCTION START FEB 02 .
(year and month)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Communications	Host (AETC)	2003	110
Systems Furniture	3740	2003	75

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		15 JUN 01
3. INSTALLATION AND LOCATION		4. AREA CONSTR COST INDEX
KEESLER AIR FORCE BASE, MISSISSIPPI		.89

5. FREQUENCY AND TYPE UTILIZATION

Facility to be used daily. Unit training assemblies are two days per month.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

Mississippi Air National Guard Combat Readiness Training Center - Gulfport, MS

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	Cost ($000)	DESIGN START	DESIGN COMPLETE
211-111	C-130J Maintenance Hangar	4, 900 SM	12,000	Jan 01	Design Build

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

7 Dec 98

Reapproved for unilateral construction.

9. LAND ACQUISITION REQUIRED

NONE

(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	AUTH ($000)	YEAR
211-179	Fuel Cell Maintenance Hangar	2,278 SM	7,200	03

11. RPM BACKLOG AT THIS INSTALLATION ($000):

RESERVE UNIT FACILITIES ONLY 850

1. COMPONENT	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		15 JUN 01

3. INSTALLATION AND LOCATION

KEESLER AIR FORCE BASE, MISSISSIPPI

11. PERSONNEL STRENGTH AS OF AUG 00

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	373	64	281	28	936	174	762
ACTUAL	358	60	253	45	840	143	697

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
41st Aerial Port Squadron	109	94
53rd Weather Reconnaissance Squadron	136	142
403rd Wing	961	883
815th Airlift Squadron	97	79
Total	1309	1198

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130J	18	18

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2002

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION $4,996,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than $1,500,000.

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	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	010-211	PAYZ021341	4,996

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS			4,996
SUBTOTAL				4,996
TOTAL CONTRACT COST				4,996
TOTAL REQUEST				4,996

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 $1,500,000. 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 FY 02.

IMPACT IF NOT PROVIDED: No means to accomplish exigent projects costing less than $1,500,000 will exist, severely degrading the ability of the Air Force Reserve Command to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.

SECTION 4

ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AFRC		JUN 01

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	010-211	PAYZ021313	4,336

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN	LS			4,336
SUBTOTAL				4,336
TOTAL CONTRACT COST				4,336
TOTAL REQUEST				4,336

10. Description of Proposed Construction:

11. REQUIREMENT: As required.

PROJECT: Planning and Design. (Current Mission)

REQUIREMENT: 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 Command (AFRC) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFRC physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. It is essential the AFRC be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.

IMPACT IF NOT PROVIDED: Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.