Fiscal Year (FY) 2005 Budget Estimates

AIR FORCE RESERVE

MILITARY CONSTRUCTION PROGRAM

February 2004

Justification Data Submitted to Congress

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2005

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

MAJOR CONSTRUCTION

FY 2005 MILITARY CONSTRUCTION PROJECTS LIST

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH OF APPROP AMOUNT	APPROP AMOUNT	DD FORM 1391 PAGE #
California	March ARB			
	C-17 Maintenance Hangar, Phase 2	7,400	7,400	1
	C-17 Alter Hangar Towers	2,089	2,089	5
North Carolina	Seymour Johnson AFB			
	Reserve Security Forces Operations	2,300	2,300	9
Ohio	Wright-Patterson AFB			
	C-5 Multi-Purpose Hangar	16,821	16,821	13
	C-5 Airfield Pavements, Phase 1	4,300	4,300	17
Oregon	Portland International Airport (IAP)			
	Maintenance Hangar and Pavements	12,400	12,400	21
	Consolidated Training, Phase 2	3,800	3,800	25
	Add/Alter Bldg 315 for PJ Squadron Ops	1,640	1,640	29
Texas	Lackland AFB			
	C-5 Training Schoolhouse Complex	20,000	20,000	33
	C-5 Training Load Assembly Facility	1,850	1,850	37
	Add/Alter C-5 Aircraft Generation Facility	1,200	1,200	41
	SUBTOTAL	73,800	73,800	
	TOTAL IN THE UNITED STATES	73,800	73,800	
Worldwide	Unspecified Minor Construction	5,263	5,263	
	Planning & Design	5,493	5,493	
	GRAND TOTAL	**84,556**	**84,556**	

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

MAJOR CONSTRUCTION

FY 2005 MILITARY CONSTRUCTION PROJECTS
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

LOCATION	PROJECT	COST	NEW, CURRENT ENVIR	FOOTPRINT
March ARB, CA	C-17 Maintenance Hangar, Phase 2	7,400	New	New
	C-17 Alter Hangar Towers	2,089	New	Existing
Seymour Johnson AFB, NC	Reserve Security Forces Operations	2,300	Current	New
Wright-Patterson AFB, OH	C-5 Multi-Purpose Hangar	16,821	New	New
	C-5 Airfield Pavements, Phase 1	4,300	New	New
Portland International Airport (IAP), OR	Maintenance Hangar and Pavements	12,400	New	New
	Consolidated Training, Phase 2	3,800	Current	New
	Add/Alter Bldg 315 for PJ Squadron Ops	1,640	New	Existing
Lackland AFB, TX	C-5 Training Schoolhouse Complex	20,000	New	New
	C-5 Training Load Assembly Facility	1,850	New	New
	Add/Alter C-5 Aircraft Generation Facility	1,200	New	New
	TOTAL	**73,800**		
	SUBTOTALS:			
	New Mission	67,700		
	Current Mission	6,100		
	Environmental	0		
	Unspecified Minor Construction	5,263		
	Planning & Design	5,493		
	FY 2005 APPROPRIATIONS TOTAL:	**84,556**		

SECTION 1

SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM

MAJOR CONSTRUCTION

FY 2005 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2005.

SECTION 2

BUDGET APPENDIX EXTRACT

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM

FY 2005 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, $84,556,000 in appropriations to remain available until 30 September 2009.

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 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 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARCH AIR RESERVE BASE, CALIFORNIA	C-17 MAINTENANCE HANGAR, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-173	PDPG 020203P2	7,400

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-17 FABRICATION & CORROSION CONTROL SHOPS	SM	1,930	2,240	4,323
ANTITERRORISM/FORCE PROTECTION	LS			43
SUPPORTING FACILITIES				1,989
UTILITIES	LS			(518)
PAVEMENTS	LS			(550)
SITE IMPROVEMENTS	LS			(35)
COMMUNICATIONS	LS			(86)
ROADS	LS			(800)
SUBTOTAL				6,355
CONTINGENCY (5%)				318
DESIGN COST OF DESIGN BUILD				318
TOTAL CONTRACT COST				6,991
SUPERVISION, INSPECTION, AND OVERHEAD (5.7%)				398
TOTAL REQUEST				7,389
TOTAL REQUEST ROUNDED				7,400
FUNDING FROM OTHER APPROPRIATIONS				50

10. DESCRIPTION OF PROPOSED CONSTRUCTION**:** Reinforced concrete foundations and floor slab. Steel frame with metal panel siding with standing seam roof. Hangar includes aircraft metal and composite structural shops, corrosion control shop, fire detection/suppression systems, and mechanical systems. Necessary utility support to include electric circuit upgrades, exterior site improvements, and pavements.

11. REQUIREMENT: 5,867 SM ADEQUATE: 3,937 SM (Phase 1) SUBSTANDARD: 0

PROJECT: C-17 Maintenance Hangar, Phase 2. (New Mission)

REQUIREMENT: Project is required to house metal fabrication, composite fabrication/repair, and corrosion control shops in support of Wing conversion to C-17 aircraft operations. Facility lighting, heating, ventilation, and air conditioning, fire detection and suppression systems are necessary for health, safety and environmental requirements.

CURRENT SITUATION: The 452nd Air Mobility Wing at March ARB will be receiving C-17 aircraft to replace the retiring C-141 aircraft. There are no current C-141 facilities that can adequately house the C-17 and there are no fabrication and corrosion control shops that are configured to handle C-17 aircraft parts.

IMPACT IF NOT PROVIDED: The C-17 will not be able to be maintained in a safe or efficient manner at March ARB. There will not be a facility to support the ISO maintenance and inspection requirements causing the aircraft and maintenance crews to travel to another location, if possible. Service and required maintenance will not be performed as outlined in contractual requirements, therefore impacting the aircraft's overall service life and the wing's readiness. As aircraft are forced to either not be fully maintained or be forced to go to another base for maintenance, lost ready time on the ramp will negatively impact the overall wing mission of rapid global mobility. Corrosion control will have to be done outside which may violate Clean Air Act requirements for controlling volatile organic compound (VOC) emissions.

ADDITIONAL: Base Civil Engineering POC: Mr. Martin Mamawal, 909-655-3268. HQ AFRC/CEP POC is Mr. Earl Aler, DSN 497-1063. NEW WORK: 1,930 SM = 20,774 SF. Phase 1 of project provides a fully enclosed hangar that is required to provide routine aircraft maintenance/inspection with jacking capability and aircraft wash operations, funded $15.1M in FY03.

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of this project is based upon Air Force Reserve requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
MARCH AIR RESERVE BASE, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
C-17 MAINTENANCE HANGAR, PHASE 2	PDPG 020203P2

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Sep 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Feb 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 06

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)	(330)
b. All Other Design Costs (Design-Build)	(740)
c. Total	(1,070)
d. Contract (A-E)	(_____)
e. In-house (Management)	(_____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	50

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, CALIFORNIA

4. AREA CONSTR COST INDEX

1.01

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Reserve C-141 and KC-135 training and operational missions at March ARB.

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

None

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-173	C-17 Maintenance Hangar, Phase 2	1,930 SM	7,400	Sep 03	Sep 04
211-154	C-17 Alter Hangar Towers	1,114 SM	2,089	Oct 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED

None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-152	C-17 Alter General Maintenance Hangars	4,369 SM	9,400	FY06
113-321	Repair Deployment Ramp	260 SY	1,900	FY07
112-211	Improve Taxiway Drainage	60,000 CY	2,300	FY09

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

87,000

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, CALIFORNIA

11. PERSONNEL STRENGTH AS OF June 03

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				Traditional Reservist		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1194	86	606	502	2813	513	2300
ACTUAL	1160	94	545	521	2967	511	2456

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
452 Air Mobility Wing	59	64
452 Operational Group	164	162
452 Maintenance Group	334	304
452 Mission Support Group	491	485
452 Medical Group	20	19
701 Combat Operations Squadron	10	7
4 AF RCS	1	1
904 CEF	1	1
604 Regional Support Group	52	53
HQ 4 Air Force	48	49
951 RSS, OL N	6	6
4 CTCS	8	9
Total	1194	1160

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141	16	18
KC-135	10	11

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARCH AIR RESERVE BASE, CALIFORNIA	C-17 ALTER HANGAR TOWERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-154	PDPG 020208	2,089

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER BLDG 2303, TOWER #1 & #2	SM	1,114	891	993
ANTITERRORISM/FORCE PROTECTION	LS			10
SUPPORTING FACILITIES	LS			879
UTILITIES	LS			(195)
INTERIOR DEMOLITION AND DISPOSAL	LS			(470)
COMMUNICATIONS	LS			(19)
TEMPORARY FACILITIES	LS			(195)
SUBTOTAL				1,882
CONTINGENCY (5%)				94
TOTAL CONTRACT COST				1,976
SUPERVISION, INSPECTION, AND OVERHEAD (5.7%)				113
TOTAL REQUEST				2,089
FUNDING FROM OTHER APPROPRIATIONS				50

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Provide renovation of Hangar 2303, Towers #1 and #2. Remove existing structural finishes. Demolish interior walls. Remove asbestos floor tile, ceiling tile, and insulation. Remove/remediate lead based paint. Repair/upgrade existing restroom and install new restroom facilities. Install new lighting. Repair/replace existing freight elevator. Replace doors, including large rail sliding doors and fire doors. Replace all structural finishes including rubber tile flooring in shop areas. All utilities, including fire suppression and detection systems, will be upgraded or replaced to properly support the functional requirements.

11. REQUIREMENT: 1,114 SM ADEQUATE: 0 SM SUBSTANDARD: 1,114 SM

PROJECT: C-17 Alter Hangar Towers (New Mission)

REQUIREMENT: A properly configured and adequately sized facility with direct flightline access is required to accommodate the C-17 Wheel & Tire Shop and Aircraft Reclamation (AR) Shop as part of the new mission beddown at March ARB. The requirement includes trailer access, overhead monorail hoist system, environmentally controlled office space for shop NCOIC and ready/break room.

CURRENT SITUATION: The existing C-141 Wheel & Tire / AR shops cannot be expanded to support the larger C-17 requirement. The March ARB C-17 Conversion Site Activation Task Force II decided to locate the shops into Towers #1 & #2 of Hangar 2303, the proposed C-17 unscheduled maintenance nose dock, in order to ensure proximity to maintenance facilities and ready access to the flightline. Tower #2 of Hangar 2303 is of sufficient size to function as the C-17 Wheel & Tire / AR shop, with tire and AR storage on the second and third floors. Office space for the shops' NCOICs and ready/break room will be located in Tower #1, due to Life Safety Code concerns associated with Tower #2. Use of Hangar 2303 to meet the C-17 Wheel & Tire / AR shop needs will reduce facility investment costs and optimize siting and operational effectiveness of C-17 maintenance at March ARB.

IMPACT IF NOT PROVIDED: Without the required C-17 Wheel & Tire / AR shops maintenance operations supported by these functions will be extremely inefficient as shop personnel will be required to function in a work around status, utilizing several facilities possibly including those outside the flightline cantonment area.

ADDITIONAL: Base Civil Engineering POC: Mr. Martin Mamawal, 909-655-3268. HQ AFRC/CEP POC is Mr. Earl Aler, DSN 497-1063. Alteration Work: 1,114 SM = 12,000 SF.

JOINT USE CERTIFICATION: This project has not been reviewed by the Joint State Reserve Component Facilities Board. The scope of this project is based upon Air Force Reserve requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
MARCH AIR RESERVE BASE, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
C-17 ALTER HANGAR TOWERS	PDPG 020208

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	35%
d. Date Design 35% Complete	Jan 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Sep 04

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)	(90)
b. All Other Design Costs (Design-Build)	(180)
c. Total	(270)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START — Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	50

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
MARCH AIR RESERVE BASE, CALIFORNIA	1.01

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Reserve C-141 and KC-135 training and operational missions at March ARB.

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

None

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-173	C-17 Maintenance Hangar, Phase 2	1,930 SM	7,400	Sep 03	Sep 04
211-154	C-17 Alter Hangar Towers	1,114 SM	2,089	Oct 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-152	C-17 Alter General Maintenance Hangars	4,369 SM	9,400	FY06
113-321	Repair Deployment Ramp	260 SY	1,900	FY07
112-211	Improve Taxiway Drainage	60,000 CY	2,300	FY09

11. RPM BACKLOG AT THIS INSTALLATION ($000):
87,000

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, CALIFORNIA

11. PERSONNEL STRENGTH AS OF June 03

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				Traditional Reservist		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	1194	86	606	502	2813	513	2300
ACTUAL	1160	94	545	521	2967	511	2456

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
452 Air Mobility Wing	59	64
452 Operational Group	164	162
452 Maintenance Group	334	304
452 Mission Support Group	491	485
452 Medical Group	20	19
701 Combat Operations Squadron	10	7
4 AF RCS	1	1
904 CEF	1	1
604 Regional Support Group	52	53
HQ 4 Air Force	48	49
951 RSS, OL N	6	6
4 CTCS	8	9
Total	1194	1160

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141	16	18
KC-135	10	11

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	RESERVE SECURITY FORCES OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	171-443	VKAG 979002R2	2,300

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RESERVE SECURITY FORCES BUILDING	SM	1,152	1,349	1,554
ANTITERRORISM/FORCE PROTECTION				47
SUPPORTING FACILITIES				483
UTILITIES	LS			(62)
PAVEMENTS	LS			(63)
SITE IMPROVEMENTS	LS			(43)
COMMUNICATIONS & CABLE	LS			(315)
SUBTOTAL				2,084
CONTINGENCY (5%)				104
TOTAL CONTRACT COST				2,188
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				125
TOTAL REQUEST				2,313
TOTAL REQUEST (ROUNDED)				2,300
FUNDING FROM OTHER APPROPRIATIONS				332

10. DESCRIPTION OF PROPOSED CONSTRUCTION**:** New facility with reinforced concrete footings, foundation, and floor slab; structural steel framing, concrete masonry unit walls with maintenance-free exterior finish and standing seam metal roof. Includes building mechanical, plumbing, and electrical systems, HVAC, communications/computer management system, fire protection, site utilities, pavements, and site improvements. Includes DoD Force Protection Standards.

11. REQUIREMENT: 1,152 SM ADEQUATE: 0 SM SUBSTANDARD: 398 SM

PROJECT: Reserve Security Forces Operations (Current Mission)

REQUIREMENT: An adequately sized and configured facility is needed for the command, control, administration, and training of assigned security forces reservists. Unit is self-equipped and requires space for Combat Arms Training and Maintenance (CATM) and mobility equipment.

CURRENT SITUATION: AFRC Security Forces Squadron is located in substandard 1957 flight simulator building. Facility provides less than 25% of authorized space for assigned functions. CATM cannot be co-located with squadron. Existing latrine system is inadequate. Lack of facility space requires training and guard mount activities to be conducted outdoors. Security forces administration, reports and analysis, resource protection, personnel security, and information protection functions occupy only 10% of their authorized space allowances. Existing facility fails to provide adequate ventilation, climate control, and electrical service.

IMPACT IF NOT PROVIDED: Failure to provide an adequately sized and functional facility will negatively impact the unit's ability to properly train and equip assigned reserve personnel. Mobility equipment will degrade and be subject to premature loss due to inadequate storage. Unit morale and retention will suffer, thereby impacting the squadron's ability to provide highly trained, experienced, and motivated security forces personnel to meet total force obligations.

ADDITIONAL: POC: Lt Col Michael Coats, Commander, 4 CES, (919)722-5142. NEW WORK: 1,152 SM = 12,400 SF. This project is a candidate for comprehensive interior design. Economic Analysis is not required. This project meets the criteria and scope specified in AFRC Handbook 32-1001.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components. The scope of the project is based on Air Force Reserve requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
RESERVE SECURITY FORCES OPERATIONS	VKAG 979002R2

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Sep 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	35%
d. Date Design 35% Complete	Jan 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Sep 04

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)	(115)
b. All Other Design Costs (Design-Build)	(115)
c. Total	(230)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	332

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	0.83

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve refueling missions at Seymour Johnson Air Force Base.

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

Army National Guard Units
HHC 230th Support Battalion
Detachment 1 HHC 30th Inf BDE
1133rd Signal Detachment

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-443	Reserve Security Forces Operations	1,152 SM	2,300	Sep 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

N/A, Project Approved by 4 FW Facility Utilization Board

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): $38.82M

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

11. PERSONNEL STRENGTH AS OF 1 August 2003

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	4646	459	3842	345	792	82	710
ACTUAL	4811	589	3899	323	962	94	868

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
716 CF	33	44
77 ARS	53	68
AMDS	27	39
ARW	41	43
AMXS	122	139
CES	156	185
916 CF	13	22
LRS	69	92
MXG	17	15
MOF	24	25
MXS	97	103
MSG	6	9
MSF	21	39
OG	6	7
OSF	35	36
SFS	52	72
SVF	20	24
Total	792	962

TYPE	AUTHORIZED	ASSIGNED
KC-135	10	10

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO	C-5 MULTI-PURPOSE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-111	ZHTV 059005	16,821

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 MULTI-PURPOSE HANGAR	SM	6,330	1,975	12,502
ANTITERRORISM/FORCE PROTECTION				125
SUPPORTING FACILITIES				2,529
COMMUNICATIONS	LS			(298)
UTILITIES	LS			(800)
PAVING	LS			(344)
SITE IMPROVEMENTS	LS			(550)
DEMOLISH EXISTING C-141 HANGAR (#4022)	SM	3,071	175	(537)
SUBTOTAL				15,156
CONTINGENCY (5%)				758
TOTAL CONTRACT COST				15,914
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				907
TOTAL REQUEST				16,821
FUNDING FROM OTHER APPROPRIATIONS				200

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct fully enclosed hangar to accommodate C-5 aircraft full wash and spot paint capability. Hangar will be designed to permit aircraft jacking and include a C-5 fabrication shop to support aircraft maintenance operations. Construction includes all necessary utilities and services. Demolition of building 4022 is required. Includes all site work and supporting utilities.

11. REQUIREMENT: 6,330 SM ADEQUATE: 0 SUBSTANDARD: 3,071 SM

PROJECT: C-5 Multi-Purpose Hangar (New Mission).

REQUIREMENT: Per site survey conducted Feb 02, a new hangar and fabrication shop is required to support the conversion from C-141 aircraft to C-5 aircraft. AFRC Handbook 32-1001 outlines the number of maintenance hangars required and the size of the fabrication shop required to support C-5 maintenance operations. This project will provide a facility with full wash and spot paint capabilities.

CURRENT SITUATION: Existing hangars at Wright-Patterson AFB are structured to support C-141 aircraft. The C-5 aircraft is 103 feet longer, 63 feet wider, and 26 feet taller than the C-141 aircraft. None of the existing hangars will accommodate a C-5 aircraft.

IMPACT IF NOT PROVIDED: Adequate maintenance facilities must be provided to support the C-5 beddown. C-5 operations cannot be accomplished at Wright-Patterson AFB without new maintenance hangars. C-5 aircraft arrive first quarter FY06. Design, award, and construction are at least an 18-month process in an Ohio climate. Expensive, mission critical delays will result without this hangar.

ADDITIONAL: POC: Mr. Earl Aler DSN 497-1063. NEW WORK: 6,330 SM= 68,135 SF

JOINT USE CERTIFICATION: The scope of this project is based on Air Force Reserve requirements. The project has not been reviewed by the Ohio Joint Service Reserve Component Facility Board. Facility will be made available to other services when AF mission requirements mandate the need.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

4. PROJECT TITLE	5. PROJECT NUMBER
C-5 MULTI-PURPOSE HANGAR	ZHTV 059005

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Jan 04
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	0%
d. Date Design 35% Complete	Mar 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 04

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)	(830)
b. All Other Design Costs (Design-Build)	(770)
c. Total	(1,600)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	200

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
WRIGHT-PATTERSON AIR FORCE BASE, OHIO	0.96

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve airlift missions at Wright-Patterson Air Force Base.

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

Springfield-Beckley Air National Guard Base

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-111	C-5 Multi-Purpose Hangar	6,330 SM	16,821	Jan 04	Jul 04
113-321	C-5 Airfield Pavements, Phase 1	37,222 SM	4,300	Oct 03	Jul 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-111	C-5 Scheduled Maintenance Hangar	4,859 SM	15,300	2006
171-212	Alter Flight Simulator Facility	372 SM	800	2006
211-179	C-5 Fuel Systems Maintenance Hangar	3,266 SM	10,500	2006
141-753	C-5 Squadron Operations Facility	2,113 SM	5,750	2006
211-152	Alter Maintenance Shops	930 SM	800	2006
113-321	C-5 Airfield Pavements, Phase 2	37,222 SM	4,400	2006
113-321	Alter Fuel Hydrant Systems	6 Pits	1,600	2006
171-445	Alter Facility for Reserve Training	4,217 SM	2,600	2007

11. RESERVE RPM BACKLOG AT THIS INSTALLATION ($000): 2,230

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

11. PERSONNEL STRENGTH AS OF JUN 2003

	PERMANENT (Civilians, AGRs, Active)				Traditional Reservists		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	418	43	339	36	1,579	233	1,346
ACTUAL	380	35	314	31	1,706	262	1,444

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
87 APO Squadron	188	182
89 ALF Squadron	101	121
445 Airlift Wing	1,693	1,768
604 RCT Flight	5	5
AFR CM OL	7	7
HPR FT Ol	3	3
Total	1,997	2086

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141C Converting to C-5	18	18

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO	C-5 AIRFIELD PAVEMENTS, PHASE 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	113-321	ZHTV 059017P1	4,300

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
C-5 AIRCRAFT PARKING APRON & TAXIWAY	SM	37,222	100	3,722
SUPPORTING FACILITIES				175
REROUTE ROAD				(175)
SUBTOTAL				3,897
CONTINGENCY (5%)				195
TOTAL CONTRACT COST				4,092
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				233
TOTAL REQUEST				4,325
TOTAL REQUEST (ROUNDED)				4,300

10. DESCRIPTION OF PROPOSED CONSTRUCTION**:** Widen existing C-17 parking apron by 120 feet approximately half the entire length of the apron to provide aircraft parking for C-5 aircraft. Replace approximately half of the paving from apron to hangars to accommodate C-5 loading.

11. REQUIREMENT: 74,444 SM (both phases) ADEQUATE: 0 SUBSTANDARD: 0 SM
PROJECT: C-5 Airfield Pavements (New Mission)
REQUIREMENT: Per site survey conducted Feb 02, existing aircraft parking area is not wide enough to park C-5 Aircraft. The length of the C-5 aircraft and the associated taxiway clearances make it necessary to widen the parking area by 120 feet.
CURRENT SITUATION: Existing airfield pavements at Wright-Patterson AFB were recently structured to support C-17 aircraft. The C-5 aircraft is 74 feet longer and 53 feet wider than a C-17. Existing pavements do not comply with C-5 airfield safety clearance criteria.
IMPACT IF NOT PROVIDED: Adequate aircraft parking must be provided to support the C-5 beddown. C-5 operations cannot be safely accomplished at Wright-Patterson AFB without properly configured pavements. C-5 aircraft arrive first quarter FY06. Design, award, and construction are at least an 18-month process in an Ohio climate. Pavements must be provided in order to adhere to airfield safety criteria. Aircraft and personnel are at risk without it.
ADDITIONAL: POC: Mr Earl Aler DSN 497-1063.
JOINT USE CERTIFICATION: These pavements can be used by other components on an as available basis; however, the scope of the project is based on Air Force Reserve requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

4. PROJECT TITLE	5. PROJECT NUMBER
C-5 AIRFIELD PAVEMENT, PHASE 1	ZHTV 059017P1

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Mar 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 04

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)	(215)
b. All Other Design Costs (Design-Build)	(215)
c. Total	(430)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

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

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
WRIGHT-PATTERSON AIR FORCE BASE, OHIO	0.96

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve airlift missions at Wright-Patterson Air Force Base.

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

Springfield-Beckley Air National Guard Base

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
211-111	C-5 Multi-Purpose Hangar	6,330 SM	16,821	Jan 04	Jul 04
113-321	C-5 Airfield Pavements, Phase 1	37,222 SM	4,300	Oct 03	Jul 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR
211-111	C-5 Scheduled Maintenance Hangar	4,859 SM	15,300	2006
171-212	Alter Flight Simulator Facility	372 SM	800	2006
211-179	C-5 Fuel Systems Maintenance Hangar	3,266 SM	10,500	2006
141-753	C-5 Squadron Operations Facility	2,113 SM	5,750	2006
211-152	Alter Maintenance Shops	930 SM	800	2006
113-321	C-5 Airfield Pavements, Phase 2	37,222 SM	4,400	2006
113-321	Alter Fuel Hydrant Systems	6 Pits	1,600	2006
171-445	Alter Facility for Reserve Training	4,217 SM	2,600	2007

11. RESERVE RPM BACKLOG AT THIS INSTALLATION ($000): 2,230

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

11. PERSONNEL STRENGTH AS OF JUN 2003

	PERMANENT (Civilians, AGRs, Active)				Traditional Reservists		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	418	43	339	36	1,579	233	1,346
ACTUAL	380	35	314	31	1,706	262	1,444

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
87 APO Squadron	188	182
89 ALF Squadron	101	121
445 Airlift Wing	1,693	1,768
604 RCT Flight	5	5
AFR CM OL	7	7
HPR FT Ol	3	3
Total	1,997	2086

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141C Converting to C-5	18	18

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PORTLAND INTERNATIONAL AIRPORT, OREGON	MAINTENANCE HANGAR & PAVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-173	TQKD 012257	12,400

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MAINTENANCE HANGAR	SM	2,600	2,253	5,858
ANTITERRORISM/FORCE PROTECTION	LS			29
SUPPORTING FACILITIES	LS			5,304
BASE FOR HANGAR ACCESS PAVEMENTS (Zone B)	SM	22,500	46	(1,035)
PAVEMENTS	SM	22,500	77	(1,733)
PAVEMENT SHOULDERS	SM	15,000	71	(1,065)
UTILITIES	LS			(496)
COMMUNICATIONS	LS			(117)
SITE WORK	LS			(229)
FIRE PROTECTION	SM	2,600	242	(629)
SUBTOTAL				11,191
CONTINGENCY (5%)				560
TOTAL CONTRACT COST				11,751
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				670
TOTAL REQUEST				12,421
TOTAL REQUEST (ROUNDED)				12,400
FUNDING FROM OTHER APPROPRIATIONS				56

10. Description of Proposed Construction**:** New facility with reinforced concrete footings, foundation, and floor slab, structural steel framing, pre-cast concrete wall panels, metal roof decking, and pre-formed metal roofing panels, fascias, and trim. Includes building mechanical and electrical systems, communications and computer management system, site utilities, hangar access pavements, fire protection and site improvements.

11. REQUIREMENT: 2,600 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Maintenance Hangar and Pavements (New Mission)

REQUIREMENT: An adequately sized and configured maintenance hangar is required to support the newly assigned KC-135R aircraft.

CURRENT SITUATION: During the Site Activation Task Force (SATF) visit for an 8 PAA, KC-135R flying mission beddown, requirements for KC-135R maintenance hangars were identified. Air Force Reserve Command Handbook 32-1001 authorizes 2 maintenance hangars and a fuel cell maintenance hangar. Two existing hangars can be modified to fulfill 2 of the 3 hangar requirements. This project provides the third hangar. Existing hangars were constructed to support HC-130Ps and will not accommodate a KC-135R. The KC-135R aircraft isochronal maintenance requires the jacking of the aircraft. The high-winds associated with the Columbia River Valley and the location of the installation, mandates that a fully enclosed hangar be built.

IMPACT IF NOT PROVIDED: The KC-135R flying mission must have adequate maintenance facilities to support the mission. Failure to provide isochronal maintenance facilities will adversely impact the operational and training effectiveness of the 939th Refueling Wing by forcing off-station maintenance.

ADDITIONAL: All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a waiver to an economic analysis was accomplished. POC: Mr Ron Scandlyn, HQ AFRC/CEPR, DSN 497-1060. NEW WORK: 2,600 SM = 27,986 SF. $25K for communications equipment and $31K for lockers and furniture.

JOINT USE CERTIFICATION: Approved for unilateral construction. Reserve is co-located with Air National Guard, this facility may be used by the ANG on an as available basis. The scope of the project is based on Air Force Reserve requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
PORTLAND INTERNATIONAL AIRPORT, OREGON

4. PROJECT TITLE	5. PROJECT NUMBER
MAINTENANCE HANGAR & PAVEMENTS	TQKD 012257

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Mar 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 04

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)	(620)
b. All Other Design Costs (Design-Build)	(620)
c. Total	(1,240)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	31
Communications Equipment	3740	FY05	25

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
PORTLAND INTERNATIONAL AIRPORT, OREGON	1.08

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve rescue and refueling missions at Portland International Airport.

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

Air National Guard, Portland International Airport
Jackson Armory (Army Guard)
Kliever Armory (Army Guard)
Sharff Hall (Army Guard)
Camp Withycombe (Army Guard)
NM Oregon Reserve Center (Navy, Marine)
Sears Hall Reserve Center (US Army Reserve)
Gresham Armory (Army Guard)
Vancouver 104th Training Center (Army Reserve, WA)

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-443	Consolidated Training, Phase 2	1,501 SM	3,800	Nov 02	Jul 03
141-753	Add/Alter Bldg for PJ Squad Ops	550 SM	1,640	Oct 03	Jul 04
211-173	Maintenance Hangar & Pavements	2,600 SM	12,400	Oct 03	Jul 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction, May 18, 2001

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): $1,233

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

PORTLAND INTERNATIONAL AIRPORT, OREGON

11. PERSONNEL STRENGTH AS OF 31 May 2003

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	253	27	178	48	882	112	770
ACTUAL	256	30	152	74	771	130	641

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
605 RCT	1	1
939 ARW	71	73
64 ARS	52	66
83 APS	126	105
939 CES	61	61
939 MSG	6	6
939 MXG	18	17
939 LRS	65	41
939 MXS	97	89
939 MOF	27	16
939 AMXS	129	83
939 MDS	90	86
939 MSS	45	52
939 CF	18	21
939 OG	10	12
939 OSS	34	34
304 RQS	55	58
939 SVS	25	24
Total	**930**	**845**

TYPE	AUTHORIZED	ASSIGNED
C-130P Airlift	10	10
HH-60G Helicopters	8	8
Converting to KC-135R Tankers	8	6

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PORTLAND INTERNATIONAL AIRPORT, OREGON	CONSOLIDATED TRAINING, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	171-443	TQKD 980443P2	3,800

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WING OFFICES, TRAINING, AND ADMINISTRATION	SM	1,301	1,690	2,199
INTEL & PLANS	SM	200	2,190	438
ANTITERRORISM/FORCE PROTECTION				13
SUPPORTING FACILITIES				755
PARKING PAVEMENTS	SM	1,340	21	(28)
ROADS	LS			(312)
UTILITIES	LS			(284)
COMMUNICATIONS	LS			(46)
SITE WORK	LS			(85)
SUBTOTAL				3,405
CONTINGENCY (5%)				170
TOTAL CONTRACT COST				3,575
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				204
TOTAL REQUEST				3,779
TOTAL REQUEST (ROUNDED)				3,800
FUNDING FROM OTHER APPROPRIATIONS				400

10. Description of Proposed Construction**:** Construct phase 2 of a two phase facility project. New facility with reinforced concrete footings, foundation, and floor slab; structural steel framing, pre-cast concrete wall panels; metal roof decking, and pre-formed metal roofing panels, fascias, and trim. Includes building mechanical and electrical systems, communications/computer management system, site utilities, pavements, and site improvements. Secure communication lines must be run from communications facility to new facility.

11. REQUIREMENT: 3,510 SM ADEQUATE: 2,009 SM SUBSTANDARD: 0 SM

PROJECT: Consolidated Training Facility, Phase 2 (Current Mission)

REQUIREMENT: An adequately sized and configured facility is needed for the command and control, administration, and training of newly established 939th Refueling Wing.

CURRENT SITUATION: The 939th Refueling Wing has 1,010 authorized military and civilian positions. Air Force Reserve Command Handbook 32-1001 allows for 28,930 square feet for all Wing functions. Presently only 74% of the required space exists. Classified material handled by the Intelligence function will increase dramatically with the change to KC-135 aircraft. Increased use and involvement with classified materials requires that Intelligence and Plans (XP) be co-located with the command post (to be completed in phase 1). The space shortage results in poorly organized, cluttered, and inefficient working conditions. Wing functions are currently occupying space that is needed by the new KC-135 squadron operations function.

IMPACT IF NOT PROVIDED: As the KC-135 Wing operation approaches full operating capability, the space shortage will continue to grow and the Wing and support functions become overwhelmingly cramped. The KC-135 flying squadron will not have sufficient space for mission planning and training due to the Wing functions being carried out in their facility. Failure to correct these deficiencies will adversely impact the operational and training effectiveness of the 939th Refueling Wing.

ADDITIONAL: All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a waiver to an economic analysis was accomplished. POC: Mr. Ron Scandlyn, HQ AFRC/CEPR, DSN 497-1060. NEW WORK: 1,501 SM = 16,156 SF. This project is a candidate for comprehensive interior design.

JOINT USE CERTIFICATION: Approved for unilateral construction. Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
PORTLAND INTERNATIONAL AIRPORT, OREGON

4. PROJECT TITLE	5. PROJECT NUMBER
CONSOLIDATED TRAINING, PHASE 2	TQKD 980443P2

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started — Nov 02

b. Parametric Cost Estimate Used to Develop Costs — No

c. Percentage Complete as of January 1, 2004 — 100%

d. Date Design 35% Complete — Mar 03

e. Date Design Complete - (If Design-Build, Construction Complete) — Jul 03

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)	(183)
b. All Other Design Costs (Design-Build)	(182)
c. Total	(365)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START — Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	400

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
PORTLAND INTERNATIONAL AIRPORT, OREGON	1.08

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve rescue and refueling missions at Portland International Airport.

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

Air National Guard, Portland International Airport
Jackson Armory (Army Guard)
Kliever Armory (Army Guard)
Sharff Hall (Army Guard)
Camp Withycombe (Army Guard)
NM Oregon Reserve Center (Navy, Marine)
Sears Hall Reserve Center (US Army Reserve)
Gresham Armory (Army Guard)
Vancouver 104th Training Center (Army Reserve, WA)

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-443	Consolidated Training, Phase 2	1,501 SM	3,800	Nov 02	Jul 03
141-753	Add/Alter Bldg for PJ Squad Ops	550 SM	1,640	Oct 03	Jul 04
211-173	Maintenance Hangar & Pavements	2,600 SM	12,400	Oct 03	Jul 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction, May 18, 2001

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): $1,233

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

PORTLAND INTERNATIONAL AIRPORT, OREGON

11. PERSONNEL STRENGTH AS OF 31 May 2003

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	253	27	178	48	882	112	770
ACTUAL	256	30	152	74	771	130	641

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
605 RCT	1	1
939 ARW	71	73
64 ARS	52	66
83 APS	126	105
939 CES	61	61
939 MSG	6	6
939 MXG	18	17
939 LRS	65	41
939 MXS	97	89
939 MOF	27	16
939 AMXS	129	83
939 MDS	90	86
939 MSS	45	52
939 CF	18	21
939 OG	10	12
939 OSS	34	34
304 RQS	55	58
939 SVS	25	24
Total	**930**	**845**

TYPE	AUTHORIZED	ASSIGNED
C-130P Airlift	10	10
HH-60G Helicopters	8	8
Converting to KC-135R Tankers	8	6

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PORTLAND INTERNATIONAL AIRPORT, OREGON	ADD/ALTER BLDG 315 FOR PJ SQUADRON OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
53122F	141-753	TQKD 030296	1,640

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO SQUADRON OPERATIONS	SM	550	1,910	1,050
ANTITERRORISM/FORCE PROTECTION				10
SUPPORTING FACILITIES				418
SITE PREPARATION				(85)
UTILITIES				(100)
COMMUNICATIONS INFRASTRUCTURE				(60)
PAVEMENTS				(173)
SUBTOTAL				1,478
CONTINGENCY (5%)				74
TOTAL CONTRACT COST				1,552
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				88
TOTAL REQUEST				1,640
COSTS FROM OTHER APPROPRIATIONS				300

10. Description of Proposed Construction**:** Construct addition to existing squadron operations building to provide administrative space for newly assigned unit personnel. Alter interior space to provide area for life support maintenance and storage and secure area for squadron intelligence functions. Relocate interior walls, upgrade fire suppression, reconfigure HVAC, and provide utility and communication connections to new work areas.

11. REQUIREMENT: 2,285 SM ADEQUATE: 1,654 SM SUBSTANDARD: 0 SM

PROJECT: Add/Alter Bldg 315 for PJ Squadron Operations (New Mission)

REQUIREMENT: The 939 RQS requires modifications to the existing Pararescue (PJ) squadron operations facility in order to support additional personnel associated with establishment of the unit as a geographically separated squadron and addition of combat rescue officers. New construction will consist of reinforced concrete foundation, concrete exterior walls, and standing seam metal roof. Administrative space will be created within the existing squadron operations facility by relocating interior walls and modifying utility runs. Secure squadron intelligence office will be constructed and squadron life support maintenance and storage areas will be created. Women's bathroom and locker room will be constructed.

CURRENT SITUATION: Unit conversion to geographically separated squadron will increase the number of members assigned to the PJ squadron. In addition, Combat Rescue Officers, intelligence functions, and life support requirements have been added to the PJ squadron. The additions result in the need to accommodate 40 additional full-time individuals within the squadron operations facility. The existing squadron operations facility is not properly configured to provide adequate administrative space for all personnel assigned to the unit. Life support maintenance space and squadron intelligence office do not currently exist.

IMPACT IF NOT PROVIDED: Inadequate administrative space will exist to support the unit conversion to geographically separated squadron. Intelligence office will be unable to process classified material associated with the mission. Life support function will be unable to accomplish designated mission due to inadequate facility space. Unit morale will decline due to overcrowding in squadron operations. Mission readiness will be negatively impacted.

ADDITIONAL: 550 SM = 5,920 SF. Project is a candidate for CID. POC: Tom Snoberger, DSN 638-4934.

JOINT USE CERTIFICATION: This project has not been reviewed by the JSRCFB

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
PORTLAND INTERNATIONAL AIRPORT, OREGON

4. PROJECT TITLE	5. PROJECT NUMBER
ADD/ALTER BLDG 315 FOR PJ SQUADRON OPERATIONS	TQKD 030296

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Mar 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 04

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)	(70)
b. All Other Design Costs (Design-Build)	(80)
c. Total	(150)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	300

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONSTR COST INDEX
PORTLAND INTERNATIONAL AIRPORT, OREGON	1.08

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve rescue and refueling missions at Portland International Airport.

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

Air National Guard, Portland International Airport
Jackson Armory (Army Guard)
Kliever Armory (Army Guard)
Sharff Hall (Army Guard)
Camp Withycombe (Army Guard)
NM Oregon Reserve Center (Navy, Marine)
Sears Hall Reserve Center (US Army Reserve)
Gresham Armory (Army Guard)
Vancouver 104th Training Center (Army Reserve, WA)

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-443	Consolidated Training, Phase 2	1,501 SM	3,800	Nov 02	Jul 03
141-753	Add/Alter Bldg for PJ Squad Ops	550 SM	1,640	Oct 03	Jul 04
211-173	Maintenance Hangar & Pavements	2,600 SM	12,400	Oct 03	Jul 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction, May 18, 2001

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): $1,233

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

PORTLAND INTERNATIONAL AIRPORT, OREGON

11. PERSONNEL STRENGTH AS OF 31 May 2003

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	253	27	178	48	882	112	770
ACTUAL	256	30	152	74	771	130	641

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
605 RCT	1	1
939 ARW	71	73
64 ARS	52	66
83 APS	126	105
939 CES	61	61
939 MSG	6	6
939 MXG	18	17
939 LRS	65	41
939 MXS	97	89
939 MOF	27	16
939 AMXS	129	83
939 MDS	90	86
939 MSS	45	52
939 CF	18	21
939 OG	10	12
939 OSS	34	34
304 RQS	55	58
939 SVS	25	24
Total	**930**	**845**

TYPE	AUTHORIZED	ASSIGNED
C-130P Airlift	10	10
HH-60G Helicopters	8	8
Converting to KC-135R Tankers	8	6

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LACKLAND AIR FORCE BASE, TEXAS	C-5 TRAINING SCHOOLHOUSE COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	171-211	KELL 053331	20,000

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
GROUND TRAINING SCHOOLHOUSE	SM	5,600	1,396	7,818
WEAPON SYS (2) & REFUELING (1) TRAINING BAYS	SM	836	2,375	1,985
FLIGHT TRAINING OPERATIONS	SM	2,295	1,365	3,133
ANTITERRORISM/FORCE PROTECTION				130
SUPPORTING FACILITIES				3,250
UTILITIES	LS			(1,400)
SITE PREPARATION	LS			(1,015)
PAVEMENTS	LS			(235)
COMMUNICATIONS	LS			(400)
SOIL TREATMENT	LS			(200)
ALTER ROADS				1,585
SUBTOTAL				17,901
CONTINGENCY (5%)				895
TOTAL CONTRACT COST				18,796
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,071
TOTAL REQUEST				19,867
TOTAL REQUEST (ROUNDED)				20,000
FUNDING FROM OTHER APPROPRIATIONS				2,224

10. Description of Proposed Construction**:** Construct a 6,436 SM facility to support ground training operations and 2,295 SM facility to support the training flying operations for the C-5 Flight Training Unit (FTU). The facilities will include reinforced concrete footings, foundation, and floor slab, structural steel framing, fascias and trim will be constructed in accordance with installation architectural standards. Two weapon system trainer bays will be provided for simulator training. All site work and utilities will be included.

11. REQUIREMENT: 8,731 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Construct new facilities for the C-5 Ground and Flight Training Operations. (New Mission)

REQUIREMENT: This project was developed in coordination with Air Mobility Command during a site survey conducted in June 2002. A joint AFRC/AMC facilities site survey team created a facilities plan to support the beddown of a C-5 schoolhouse mission at Lackland AFB. The C-5 schoolhouse at Altus AFB is being displaced by the C-17 schoolhouse; thereby transferring the C-5 training requirement to AFRC. This project will provide space for a C-5 Training Systems Support Center (TSSC), two simulator bays, an Air Refueler Part Task Trainer (ARPTT) bay, cockpit trainer areas, ramp and door trainer area, loadmaster training areas, consolidated life support and flying training operations.

CURRENT SITUATION: Lackland AFB does not currently have a C-5 schoolhouse mission. There are no facilities at Lackland AFB that can be used to properly support the C-5 schoolhouse mission. The combat tasked C-5 flying squadron will remain at Lackland AFB and will need to maintain their current operations and maintenance facilities.

IMPACT IF NOT PROVIDED: Adequate space will not be available in which to perform necessary mission training and management in support of the C-5 schoolhouse. Mission beddown and student throughput will be adversely impacted by the lack of facility space.

ADDITIONAL: All known alternative options were considered during the development of this project. No other option could meet the mission requirements and funding constraints; therefore, a waiver to an economic analysis is being accomplished. POC: Mr. Earl Aler, HQ AFRC/CEPD, DSN 497-1063. New work: 8,731 SM = 93,980 SF. This project is a candidate for comprehensive interior design. O&M funding includes $644K for communications equipment. Communications validated by HQ AFRC/SC.

JOINT USE CERTIFICATION: This facility will be used for Active Duty and Air Force Reserve C-5 mission training requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
LACKLAND AIR FORCE BASE, TEXAS

4. PROJECT TITLE	5. PROJECT NUMBER
C-5 TRAINING SCHOOLHOUSE COMPLEX	KELL 053331

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Sep 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Apr 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Sep 04

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)	(1,000)
b. All Other Design Costs (Design-Build)	(1,000)
c. Total	(2,000)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	1,580
Communications Equipment	3740	FY05	644

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONST COST INDEX
LACKLAND AIR FORCE BASE, TEXAS	0.82

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve C-5 Training and Operational missions at Lackland AFB.

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

Brooks Army Medical Center
Fort Sam Houston
Brooks Air Force City Base

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-211	C-5 Training Schoolhouse Complex	8,731 SM	20,000	Sep 03	Sep 04
211-152	Add/Alter C-5 Aircraft Generation Facility	752 SM	1,200	Oct 03	Jul 04
171-627	C-5 Training Load Assembly Facility	1,115 SM	1,850	Oct 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): 18,300

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

LACKLAND AIR FORCE BASE, TEXAS

11. PERSONNEL STRENGTH AS OF June 03

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				Traditional Reservist		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	621	43	537	41	2653	383	2270
ACTUAL	587	34	510	43	2538	348	2190

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
26 Aerial Port Squadron	232	226
307 CE Squadron	242	221
313 Flight Test	18	21
604 RCT Flight	4	4
68 ALF Squadron	195	158
74 Aerial Port Squadron	231	211
951 RSS Squadron	3	3
433 Airlift Wing	2349	2281
Total	3274	3125

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5A	16	16

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LACKLAND AIR FORCE BASE, TEXAS	C-5 TRAINING LOAD ASSEMBLY FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	171-627	KELL 053334	1,850

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TRAINING LOAD ASSEMBLY FACILITY	SM	1,115	1,125	1,254
ANTITERRORISM/FORCE PROTECTION				12
SUPPORTING FACILITIES				404
UTILITIES	LS			(197)
SITE PREPARATION	LS			(94)
PAVEMENTS	LS			(75)
COMMUNICATIONS	LS			(38)
SUBTOTAL				1,670
CONTINGENCY (5%)				84
TOTAL CONTRACT COST				1,754
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				100
TOTAL REQUEST				1,854
TOTAL REQUEST (ROUNDED)				1,850
FUNDING FROM OTHER APPROPRIATIONS				100

10. Description of Proposed Construction**:** Construct a 1,115 SM facility to support the training load assembly operations of the C-5 Flight Training Unit (FTU). The facility will include reinforced concrete footings, foundation, and floor slab, and structural steel framing. Fascias and trim will be constructed in accordance with installation architectural standards. All site work and utilities will be included.

11. REQUIREMENT: 1,115 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Construct a new training load assembly facility to support C-5 schoolhouse mission. (New Mission)

REQUIREMENT: This project was developed in coordination with Air Mobility Command during a site survey conducted in June 2002. A joint AFRC/AMC facilities site survey team created a facilities plan to support the beddown of a C-5 schoolhouse mission at Lackland AFB. The C-5 schoolhouse at Altus AFB is being displaced by the C-17 schoolhouse; thereby transferring the C-5 training requirement to AFRC. This project will provide space for assembling and disassembly of aircraft cargo. Space will include pallet build up area and pallet storage. Classroom, administrative and restroom space, will also be included.

CURRENT SITUATION: Lackland AFB does not currently have a C-5 schoolhouse mission. Existing squadron operations and maintenance facilities are not adequate to accommodate the increased mission personnel. The combat tasked C-5 flying squadron will remain at Lackland AFB and will need to maintain their current facilities. Therefore, no facilities exist to support the training load assembly mission of the C-5 schoolhouse.

IMPACT IF NOT PROVIDED: Adequate space will not be available in which to perform necessary mission training and management in support of the C-5 schoolhouse. Mission beddown and student throughput will be adversely impacted by the lack of facility space.

ADDITIONAL: All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, a waiver to an economic analysis is being accomplished. POC: Mr. Earl Aler, HQ AFRC/CEPD, DSN 497-1063. New work: 1,115 SM = 12,000 SF. Estimated Cost based on OSD standards for squadron operations facility. This project is a candidate for comprehensive interior design.

JOINT USE CERTIFICATION: This facility will be used for Active Duty and Air Force Reserve mission training requirements. Operational considerations and location are incompatible for use by other military departments.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
LACKLAND AIR FORCE BASE, TEXAS

4. PROJECT TITLE	5. PROJECT NUMBER
C-5 TRAINING LOAD ASSEMBLY FACILITY	KELL 053334

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Jan 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Sep 04

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)	(88)
b. All Other Design Costs (Design-Build)	(87)
c. Total	(175)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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 Equipment	3740	FY05	100

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONST COST INDEX
LACKLAND AIR FORCE BASE, TEXAS	0.82

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve C-5 Training and Operational missions at Lackland AFB.

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

Brooks Army Medical Center
Fort Sam Houston
Brooks Air Force City Base

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-211	C-5 Training Schoolhouse Complex	8,731 SM	20,000	Sep 03	Sep 04
211-152	Add/Alter C-5 Aircraft Generation Facility	752 SM	1,200	Oct 03	Jul 04
171-627	C-5 Training Load Assembly Facility	1,115 SM	1,850	Oct 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): 18,300

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

LACKLAND AIR FORCE BASE, TEXAS

11. PERSONNEL STRENGTH AS OF June 03

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				Traditional Reservist		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	621	43	537	41	2653	383	2270
ACTUAL	587	34	510	43	2538	348	2190

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
26 Aerial Port Squadron	232	226
307 CE Squadron	242	221
313 Flight Test	18	21
604 RCT Flight	4	4
68 ALF Squadron	195	158
74 Aerial Port Squadron	231	211
951 RSS Squadron	3	3
433 Airlift Wing	2349	2281
Total	3274	3125

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5A	16	16

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LACKLAND AIR FORCE BASE, TEXAS	ADD/ALTER C-5 AIRCRAFT GENERATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
55396F	211-152	KELL 053333	1,200

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALTER AIRCRAFT GENERATION FACILITY	SM	362	745	270
ADD AGS CLASSROOM TRAINING CENTER	SM	390	1,490	581
FORCE PROTECTION/ANTITERRORISM				4
SUPPORTING FACILITIES				220
UTILITIES				(147)
COMMUNICATIONS				(24)
SITE WORK				(30)
INTERIOR DEMO/DISPOSAL	SM	362	52	(19)
SUBTOTAL				1,075
CONTINGENCY (5%)				54
TOTAL CONTRACT COST				1,129
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				64
TOTAL REQUEST				1,193
TOTAL REQUEST (ROUNDED)				1,200
FUNDING FROM OTHER APPROPRIATIONS				100

10. Description of Proposed Construction**:** Alter 362 SM of existing Aircraft Generation Squadron (AGS) floor space to support the C-5 Formal Training Unit (FTU) flight line AGS maintenance function. Work includes removal and/or reconfiguration of existing walls, ceiling systems, flooring and utility systems. Construct a 390 SM AGS Classroom Training Center addition to Hangar 826. The addition will include reinforced concrete footings, foundation, and floor slab as well as structural steel framing and all required utility systems. Exterior walls, roofing fascias and trim will be constructed in accordance with installation architectural standards. All site work and utilities will be included.

11. REQUIREMENT: 752 SM ADEQUATE: 0 SM SUBSTANDARD: 362 SM

PROJECT: Addition to and modification of an existing facility for C-5 FTU AGS maintenance. (New Mission)

REQUIREMENT: This project was developed in coordination with Air Mobility Command during a site survey conducted in June 2002. A joint AFRC/AMC facilities site survey team created a facilities plan to support the beddown of a C-5 schoolhouse mission at Lackland AFB. The C-5 FTU at Altus AFB is being displaced by the C-17 FTU; thereby transferring the C-5 training requirement to AFRC. This project will provide space for the C-5 FTU AGS maintenance and supervisory personnel, tool crib, assembly area, classroom training space and locker rooms.

CURRENT SITUATION: Lackland AFB does not currently have a C-5 schoolhouse mission. Existing squadron operations and maintenance facilities are not adequate to accommodate the increased personnel. The combat tasked C-5 flying squadron will remain at Lackland AFB and maintain their current facilities.

IMPACT IF NOT PROVIDED: Adequate space will not be available in which to perform necessary mission training and management in support of the C-5 schoolhouse. C-5 FTU mission beddown, operations and student throughput will be adversely impacted by the lack of facility space.

ADDITIONAL: All known alternative options were considered during the development of this project. No option other than alteration could meet the mission requirements; therefore, a waiver to an economic analysis is being accomplished. POC: Mr. Earl Aler, HQ AFRC/CEPD, DSN 497-1063. NEW WORK: 390 SM = 4,198 SF. Estimated cost based on OSD standards for administrative facility. This project is a candidate for comprehensive interior design. Communications equipment cost is $7K (validated by HQ AFRC/SC)

JOINT USE CERTIFICATION: This facility will be used for Active Duty and Air Force Reserve mission training requirements.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION
LACKLAND AIR FORCE BASE, TEXAS

4. PROJECT TITLE	5. PROJECT NUMBER
ADD/ALTER C-5 AIRCRAFT GENERATION FACILITY	KELL 053333

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Oct 03
b. Parametric Cost Estimate Used to Develop Costs	No
c. Percentage Complete as of January 1, 2004	10%
d. Date Design 35% Complete	Mar 04
e. Date Design Complete - (If Design-Build, Construction Complete)	Jul 04

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)	(55)
b. All Other Design Costs (Design-Build)	(55)
c. Total	(110)
d. Contract (A-E)	(____)
e. In-house (Management)	(____)

4. CONSTRUCTION START Jan 05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Systems Furniture	3740	FY05	93
Communications Equipment	3740	FY05	7

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION	4. AREA CONST COST INDEX
LACKLAND AIR FORCE BASE, TEXAS	0.82

5. FREQUENCY AND TYPE UTILIZATION

Daily training and command operations of the Air Force Reserve C-5 Training and Operational missions at Lackland AFB.

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

Brooks Army Medical Center
Fort Sam Houston
Brooks Air Force City Base

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
171-211	C-5 Training Schoolhouse Complex	8,731 SM	20,000	Sep 03	Sep 04
211-152	Add/Alter C-5 Aircraft Generation Facility	752 SM	1,200	Oct 03	Jul 04
171-627	C-5 Training Load Assembly Facility	1,115 SM	1,850	Oct 03	Sep 04

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Approved for unilateral construction

9. LAND ACQUISITION REQUIRED None

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	YEAR

11. RPM BACKLOG AT THIS INSTALLATION ($000): 18,300

1. COMPONENT	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
AFRC		FEB 04

3. INSTALLATION AND LOCATION

LACKLAND AIR FORCE BASE, TEXAS

11. PERSONNEL STRENGTH AS OF June 03

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				Traditional Reservist		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	621	43	537	41	2653	383	2270
ACTUAL	587	34	510	43	2538	348	2190

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
26 Aerial Port Squadron	232	226
307 CE Squadron	242	221
313 Flight Test	18	21
604 RCT Flight	4	4
68 ALF Squadron	195	158
74 Aerial Port Squadron	231	211
951 RSS Squadron	3	3
433 Airlift Wing	2349	2281
Total	3274	3125

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5A	16	16

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2005

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION $5,263,000

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 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

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	PAYZ051341	5,263

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS			5,263
SUBTOTAL				5,263
TOTAL CONTRACT COST				5,263
TOTAL REQUEST				5,263

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 05.

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 to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.

SECTION 4

PLANNING AND DESIGN

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AFRC		FEB 04

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	PAYZ051313	5,493

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN	LS			5,493
SUBTOTAL				5,493
TOTAL CONTRACT COST				5,493
TOTAL REQUEST				5,493

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 (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.

IMPACT IF NOT PROVIDED: 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	Footprint	PA
06	AZ	Davis-Monthan AFB	Alter Rescue Squadron Ops Facility	New Mission	New	1,500
06	CA	Travis AFB	C-17 & C-5 Squadron Operations and Aircraft Generation Squadron Facility	New Mission	New	11,400
06	CA	March ARB	C-17 Alter General Maintenance Hangars	New Mission	Existing	9,400
06	CA	Travis AFB	Alter Facility for Reserve Training	New Mission	Existing	3,100
06	FL	Patrick AFB	Wing Headquarters	Current Mission	New	11,091
06	FL	Patrick AFB	Alter Rescue Squadron Ops Facility	New Mission	New	5,200
06	HI	Hickam AFB	Consolidated Training	Current Mission	New	6,350
06	IN	Grissom ARB	Radar Approach Control Facility	Current Mission	New	6,900
06	LA	Barksdale AFB	B-52 Squadron Operations	Current Mission	New	5,300
06	MA	Westover ARB	Base Operations	Current Mission	New	4,300
06	MN	Minneapolis-St Paul ARS	Security Forces Operations	Current Mission	New	2,600
06	OH	Wright-Patterson AFB	C-5 Fuel Systems Maint Hangar	New Mission	New	10,500
06	OH	Wright-Patterson AFB	C-5 Squadron Operations Facility	New Mission	New	5,750
06	OH	Wright-Patterson AFB	C-5 Airfield Pavements, Phase 2	New Mission	Existing	4,400
06	OH	Wright-Patterson AFB	Alter Fuel Hydrant Systems	New Mission	Existing	1,600
06	OH	Wright-Patterson AFB	Alter Flight Simulator Facility	New Mission	Existing	800
06	OH	Wright-Patterson AFB	Alter Maintenance Shops	New Mission	Existing	800
				Total Projects		90,991
				Planning and Design		6,247
				Unspecified MC		5,368
				Total FY06 Program		102,606
07	CA	March ARB	Repair Deployment Ramp	Current Mission	Existing	1,900
07	FL	Eglin Aux 3-Duke Field	Visiting Quarters	Current Mission	Existing	5,850
07	IN	Grissom ARB	Control Tower	Current Mission	Existing	4,200
07	LA	Barksdale AFB	B-52 Fuel Cell Maintenance Dock	Current Mission	New	10,996
07	NY	Niagara Falls ARS	Visiting Quarters, Phase 1	Current Mission	New	9,600
07	OH	Youngstown ARB	Joint Services Lodging Facility, Ph 1	Current Mission	New	10,600
07	OH	Wright-Patterson AFB	Alter Facility for Reserve Training	New Mission	Existing	2,600
07	PA	Pittsburgh ARS	Visiting Quarters, Phase 1	Current Mission	Existing	10,500
07	WI	Gen Mitchell Field ARS	Airfield Fire and Rescue Station	Current Mission	New	7,800
				Total Projects		64,046
				Planning and Design		6,392
				Unspecified MC		5,475
				Total FY07 Program		75,913

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

FY	State	Base	Project	Type	Footprint	PA
08	AZ	Luke AFB	Maintenance Storage	Current Mission	New	2,000
08	FL	Homestead ARB	Add/Alter Aerial Port Facility	Current Mission	New	2,460
08	GA	Robins AFB	Band Complex	Current Mission	New	5,200
08	GA	Robins AFB	Consolidated Headquarters Admin Facility	Current Mission	New	6,602
08	IN	Grissom ARB	Visitor Center/Gate Complex	Current Mission	New	2,800
08	LA	New Orleans ARS	Command Post & Comm Facility	Current Mission	New	4,800
08	LA	New Orleans ARS	Joint Armed Forces Reserve Training, Phase 4	Current Mission	New	3,500
08	MA	Westover ARB	Munitions Storage and Maintenance	Current Mission	New	2,900
08	MS	Keesler AFB	Aerial Port Facility	Current Mission	New	6,700
08	PA	Pittsburgh ARS	Wing Headquarters Facility	Current Mission	Existing	9,300
08	PA	Willow Grove ARS	Add/Alter Security Forces Facility	Current Mission	New	2,800
08	TX	Carswell ARS	Aircraft Parts Store	Current Mission	New	2,150
08	WI	Gen Mitchell Field ARS	Security Forces Complex	Current Mission	Existing	4,050
				Total Projects		55,262
				Planning and Design		6,452
				Unspecified MC		5,475
				Total FY08 Program		67,189
09	CA	March ARB	Improve Taxiway Drainage	Current Mission	Existing	2,300
09	DE	Dover AFB	Wing Headquarters	Current Mission	New	3,100
09	FL	Homestead ARB	Visiting Quarters, Phase 1	Current Mission	New	6,570
09	GA	Dobbins ARB	Upgrade Maintenance Bays	Current Mission	Existing	10,000
09	GA	Dobbins ARB	Visiting Quarters	Current Mission	New	7,500
09	LA	Barksdale AFB	RED HORSE Vehicle Maintenance	Current Mission	Existing	3,100
09	NJ	McGuire AFB	Add/Alter Wing Headquarters	Current Mission	New	4,200
09	NJ	McGuire AFB	Civil Engineer Training Facility	Current Mission	Existing	3,650
09	OH	Youngstown ARS	Joint Services Lodging Facility, Ph 2	Current Mission	New	10,765
09	OK	Tinker AFB	KC-135 Squadron Operations Facility	Current Mission	New	4,200
09	PA	Willow Grove ARS	Add to Base Civil Engineering	Current Mission	New	4,350
				Total Projects		59,735
				Planning and Design		7,558
				Unspecified MC		5,475
				Total FY09 Program		72,768