

Fiscal Year (FY) 2006/FY 2007 Budget Estimates

AIR FORCE RESERVE



**FY 2006
MILITARY CONSTRUCTION
PROGRAM**

February 2005

Justification Data Submitted to Congress

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2006**

TABLE OF CONTENTS

Table of Contents i
FY 2006 Military Construction Projects List By State ii
FY 2006 Military Construction Projects New/Current Mission, Environmental List iii

SECTION 1 - SPECIAL PROGRAM CONSIDERATIONS

FY 2006 Pollution Abatement/Energy Conservation Listing b-i

SECTION 2 - BUDGET APPENDIX EXTRACT

FY 2006 Appropriations Language c-i
Special Program Considerations c-ii

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

Major Construction, Air Force Reserve 1
Unspecified Minor Construction, Air Force Reserve 57

SECTION 4 - PLANNING AND DESIGN

Planning and Design, Air Force Reserve 61

SECTION 5 - FUTURE YEARS DEFENSE PROGRAM

Future-Years Military Construction Projects List 65

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

MAJOR CONSTRUCTION

FY 2006 MILITARY CONSTRUCTION PROJECTS LIST

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH OF APPROP AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>DD FORM 1391 PAGE #</u>
Alaska	Elmendorf AFB C-17 Convert Hangar 18 Offices for AFRC Group Headquarters	3,100	3,100	1
Arizona	Davis-Monthan AFB Add/Alter Rescue Squadron Ops Facility	1,500	1,500	5
Florida	Patrick AFB Add/Alter Rescue Squadron Ops Facility	2,090	2,090	9
Hawaii	Hickam AFB Consolidated Training	6,450	6,450	13
Indiana	Grissom ARB Radar Approach Control Facility	7,000	7,000	17
Massachusetts	Westover ARB Munitions Storage & Maint Complex	3,000	3,000	21
New York	Niagara Falls IAP Visiting Quarters	9,200	9,200	25
Ohio	Wright-Patterson AFB C-5 Scheduled Maintenance Hangar C-5 Fuel Systems Maintenance Hangar C-5 Squadron Operations Facility C-5 Airfield Pavements, Phase 2 C-5 Alter Fuel Hydrant Systems C-5 Alter Flight Simulator Facility C-5 Alter Maintenance Shops	15,300 10,500 5,750 4,400 1,600 800 <u>800</u>	15,300 10,500 5,750 4,400 1,600 800 <u>800</u>	29 33 37 41 45 49 53
	SUBTOTAL	71,490	71,490	
	TOTAL IN THE UNITED STATES	71,490	71,490	
	Unspecified Minor Construction	4,000	4,000	
	Planning & Design	<u>3,770</u>	<u>3,770</u>	
	GRAND TOTAL	79,260	79,260	

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

MAJOR CONSTRUCTION

FY 2006 MILITARY CONSTRUCTION PROJECTS
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

<u>LOCATION</u>	<u>PROJECT</u>	<u>COST</u>	NEW, CURRENT <u>ENVIR</u>	<u>FOOTPRINT</u>
Elmendorf AFB, AK	C-17 Convert Hangar 18 Offices for AFRC Group Headquarters	3,100	New	Existing
Davis-Monthan AFB, AZ	Add/Alter Rescue Squadron Ops Facility	1,500	New	Existing
Patrick AFB, FL	Add/Alter Rescue Squadron Ops Facility	2,090	New	Existing
Hickam AFB, HI	Consolidated Training	6,450	Current	New
Grissom ARB, IN	Radar Approach Control Facility	7,000	Current	Existing
Westover ARB, MA	Munitions Storage & Maint Complex	3,000	Current	New
Niagara Falls IAP, NY	Visiting Quarters	9,200	Current	New
Wright-Patterson AFB, OH	C-5 Scheduled Maintenance Hangar	15,300	New	Existing
	C-5 Fuel Systems Maintenance Hangar	10,500	New	New
	C-5 Squadron Operations Facility	5,750	New	New
	C-5 Airfield Pavements, Phase 2	4,400	New	New
	C-5 Alter Fuel Hydrant Systems	1,600	New	Existing
	C-5 Alter Flight Simulator Facility	800	New	Existing
	C-5 Alter Maintenance Shops	<u>800</u>	New	Existing
	TOTAL	71,490		
	SUBTOTALS:			
	New Mission	45,840		
	Current Mission	25,650		
	Environmental	0		
	Unspecified Minor Construction	4,000		
	Planning & Design	<u>3,770</u>		
	FY 2006 APPROPRIATIONS TOTAL:	79,260		

SECTION 1
SPECIAL PROGRAM CONSIDERATIONS

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

MAJOR CONSTRUCTION

FY 2006 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2006.

SECTION 2

BUDGET APPENDIX EXTRACT

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

FY 2006 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, \$79,260,000 to remain available until September 30, 2010.

**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 AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005			
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA				4. PROJECT TITLE C-17 CONVERT HANGAR 18 OFFICES FOR AFRC GROUP HEADQUARTERS				
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 610-243	7. PROJECT NUMBER FXSB 053021		8. PROJECT COST (\$000) 3,100			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
CONVERT HANGAR 18 OFFICES FOR AFRC GROUP HQ					SM	2,700	969	2,616
ANTITERRORISM/FORCE PROTECTION MEASURES					LS			26
SUPPORTING FACILITIES								102
UTILITIES					LS			(102)
SUBTOTAL								2,744
CONTINGENCY (5%)								137
TOTAL CONTRACT COST								2,881
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)								187
TOTAL REQUEST								3,068
TOTAL REQUEST (ROUNDED)								3,100
EQUIPMENT FROM OTHER APPROPRIATIONS								2,200
<p>10. Description of Proposed Construction: Conversion of the center three floors of Hangar 18 administrative space for AFRC Group Headquarters facility. Includes exterior closures, interior construction and finishes, plumbing, HVAC, electrical work and lighting, fire protection system, and selective demolition. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 58 Tons.</p>								
<p>11. REQUIREMENT: 2,700 SM ADEQUATE: 0 SM SUBSTANDARD: 2,700 SM</p> <p><u>PROJECT:</u> C-17 Convert Hangar 18 Offices for AFRC Group Headquarters facility <u>REQUIREMENT:</u> An adequately sized, configured, and secure facility is required to support functions and accommodate headquarters of the Air Force Reserve Associate C-17 Group mission at Elmendorf AFB, Alaska. C-17 aircraft arrives FY07. <u>CURRENT SITUATION:</u> There are no adequate facilities at Elmendorf AFB for this new mission. Conversion of the existing Hangar 18 Squadron Operations/AMU space is necessary to configure the facility into a group headquarters capable to support C-17 operations. <u>IMPACT IF NOT PROVIDED:</u> Lack of adequate headquarters administrative facilities for the C-17 operations will require a significant effort to properly manage resources to meet the mission. Communications and mission capability would be greatly hindered, jeopardizing mission readiness. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. This facility project is a candidate for Comprehensive Interior Design (CID). Equipment from other appropriations: \$2,100K for furnishings and \$100K for communications equipment. 2,700 SM = 29,063 SF. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p>								

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
ELMENDORF AIR FORCE BASE, ALASKA

4. PROJECT TITLE C-17 CONVERT HANGAR 18 OFFICES FOR AFRC GROUP HEADQUARTERS	5. PROJECT NUMBER FXSB 053021
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Nov 2004
- b. Parametric Cost Estimate used to develop costs No
- c. Percentage Complete as of January 1, 2005 35%
- d. Date Design 35% Complete Dec 2004
- e. Date Design Complete - (If design-build, construction complete) Jul 2005

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (465)
- d. Contract (A-E) (403)
- e. In-house (management) (62)

4. CONSTRUCTION START Aug 2006

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

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
Furnishings	3740	FY2007	2,100
Communications Equipment	3740	FY 2006	100

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA				4. AREA CONSTR COST INDEX 1.68	
5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year, daily use by technician/AGR force and for training.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 3 Army National Guard Armories, 3 Army Reserve Training Centers, 1 Air National Guard Installation					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u> C-17 Convert Hangar 18 Offices for AFRC Group Headquarters	<u>SCOPE</u> 2,700 SM	<u>COST (\$000)</u> 3,100	<u>DESIGN START</u> Nov 04	<u>DESIGN COMPLETE</u> Jul 05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction					
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 53,253					

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

ELMENDORF AIR FORCE BASE, ALASKA

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	3	0	3	0	58	3	55
ACTUAL	2	0	2	0	50	3	47

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
804th Civil Engineering Squadron	57	50
OL 604th Recruiting Flight	1	0
Total	58	50

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
None		
Standing up C-17 associate unit.		

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA			4. PROJECT TITLE ADD/ALTER RESCUE SQUADRON OPERATIONS FACILITY		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER FBNV 020611	8. PROJECT COST (\$000) 1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ENCLOSED COVERED STORAGE (ADD TO BLDG 5426)		SM	280	1,600	448
ALTER BLDG 5426		SM	891	740	659
ALTER FOR PARARESCUE SQUADRON (BLDG 5434)		SM	182	400	73
ANTITERRORISM/FORCE PROTECTION		LS			12
INTERIOR COMMUNICATIONS		LS			10
SUPPORT FACILITIES					140
SITE PREPARATION		LS			(24)
EXTERIOR COMMUNICATIONS CONNECTIONS		LS			(15)
PAVEMENTS		LS			(29)
UTILITIES		LS			(72)
SUBTOTAL					1,342
CONTINGENCY (5%)					<u>67</u>
TOTAL CONTRACT COST					1,409
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					<u>80</u>
TOTAL REQUEST					1,489
TOTAL REQUEST (ROUNDED)					1,500
EQUIPMENT FROM OTHER APPROPRIATIONS					195
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct new storage facility connecting existing Bldg 5426 and Bldg 5434 to support relocation of Pararescue Jumper (PJ) Squadron from Bldg 1631. Construction to be masonry and steel frame with reinforced concrete slab on grade with a standing seam metal roof. Exterior masonry walls to match adjacent facilities. Provide fire protection, electrical, HVAC, utilities and communications connections and multiple roll-up doors. Alter interior of Bldg 5434 to provide multiple 6 ft by 6 ft individual equipment storage cages, and a restroom complete with individual showers. This project will be designed and constructed by contract. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 49 Tons.</p>					
<p>11. REQUIREMENT: 1,353 SM ADEQUATE: 0 SM SUBSTANDARD: 891 SM <u>PROJECT:</u> Add to and Alter Bldg 5426 and Alter Bldg 5434. <u>REQUIREMENT:</u> The 305th Rescue Squadron (RQS) requires adequate personal equipment storage space and locker room/shower facilities to support training and operational requirements associated with unit assigned Pararescue Jumper (PJ) personnel. Individual PJs maintain a large amount of personal training/mobility equipment that must be secured and available at all times. Environmentally controlled and secure personal equipment storage must be provided in proximity to unit administrative/training space. <u>CURRENT SITUATION:</u> The 305 RQS will relocate the PJ Squadron from Bldg 1631 as the initial phase of a Multi-Stage Area Development Plan for Air Force Reserve units at Davis-Monthan AFB. Personal equipment storage and locker room/shower facilities to support this unit relocation do not currently exist in proximity to the squadron operations facility, Bldg 5426. <u>IMPACT IF NOT PROVIDED:</u> The 305 RQS will be unable to proceed with the area development plan for Air Force Reserve units at this installation. Inadequate equipment storage space in proximity of Bldg 5426 will cause premature wear and damage to equipment. This will increase unit maintenance costs and delay critical training. Unit morale and readiness will decline due to lack of adequate training. Unit recruiting and retention will be negatively impacted due to inadequate facilities. Mission readiness will be negatively impacted. <u>ADDITIONAL:</u> 1,353 SM = 14,564 SF. POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. Equipment from other appropriations: \$195K for furnishings. <u>JOINT USE STATEMENT:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p>					

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

4. PROJECT TITLE ADD/ALTER RESCUE SQUADRON OPERATIONS FACILITY	5. PROJECT NUMBER FBNV 020611
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Oct 2004
- b. Parametric Cost Estimate used to develop costs No
- c. Percentage Complete as of January 1, 2005 35%
- d. Date Design 35% Complete Dec 2004
- e. Date Design Complete - (If design-build, construction complete) Jun 2005

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (255)
- d. Contract (A-E) (225)
- e. In-house (management) (30)

4. CONSTRUCTION START Jan 2006

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>
<u>Furnishings</u>	<u>3740</u>	<u>Or Requested</u>	<u>195</u>
		FY2007	

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005												
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA					4. AREA CONSTR COST INDEX 0.98												
5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year, daily use by technician/AGR force and for training.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Installation																	
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" data-bbox="186 829 1469 955"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th>DESIGN START</th> <th>DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td>141-753</td> <td>Add/Alter Rescue Squadron Operations Facility</td> <td>1,353 SM</td> <td>1,500</td> <td>Oct 04</td> <td>Jun 05</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE	141-753	Add/Alter Rescue Squadron Operations Facility	1,353 SM	1,500	Oct 04	Jun 05
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE												
141-753	Add/Alter Rescue Squadron Operations Facility	1,353 SM	1,500	Oct 04	Jun 05												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction																	
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)												
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="186 1459 1469 1522"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR							
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR													
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 89,359																	

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	97	13	67	17	199	38	161
ACTUAL	105	10	76	19	240	38	202

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	STRENGTH	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
305th Rescue Squadron	176	215
805th Aerospace Medicine Flight	19	21
OL A 514th Flight Test Squadron	1	1
OL A 920th Mission Support Squadron	2	3
OL Y 610th Recruiting Flight	1	0
Total	199	240

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
HH-60G	5	6

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA			4. PROJECT TITLE ADD/ALTER RESCUE SQUADRON OPERATIONS FACILITY			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 141-753	7. PROJECT NUMBER SXHT 033000		8. PROJECT COST (\$000) 2,090	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
CONSTRUCT ADDITION TO BUILDING 698		SM	557	1,756	978	
ALTER BUILDING 698		SM	1,565	344	538	
ANTITERRORISM/FORCE PROTECTION		LS			14	
INTERIOR COMMUNICATIONS SYSTEMS		LS			15	
SUPPORT FACILITIES					336	
UTILITIES		LS			(125)	
PAVEMENTS		LS			(56)	
SITE IMPROVEMENTS		LS			(125)	
EXTERIOR COMMUNICATION CONNECTIONS		LS			<u>(30)</u>	
SUBTOTAL					1,881	
CONTINGENCY (5%)					<u>94</u>	
TOTAL CONTRACT COST					1,975	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					<u>113</u>	
TOTAL REQUEST					2,088	
TOTAL REQUEST (ROUNDED)					2,090	
EQUIPMENT FROM OTHER APPROPRIATIONS					50	
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Addition to Bldg. 698 shall match existing facility materials including Exterior Insulation & Finishing System (EIFS) finished CMU wall system, structural metal roof trusses, metal roof decking, insulated concrete tile roofing system, and interior finishes. Addition will also include required mechanical and electrical utility systems; communication systems; fire suppression and detection systems; storm water drainage and retention systems. Alter Bldg. 698 will include modification of existing electrical and mechanical systems; modification of existing communication systems, relocation or load bearing and non-load bearing interior walls; modification of existing fire suppression and detection systems, and interior finishes. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 76 Tons.						
11. REQUIREMENT: 2,122 SM ADEQUATE: 0 SM SUBSTANDARD: 1,565 SM PROJECT: Add/Alter Facility for Combat Rescue Officer Beddown REQUIREMENT: HQ USAF directed development of the Combat Rescue Officer (CRO) in response to increased operational support requirements. Prior to this directive, the Air Force Pararescue (PJ) units were aligned under the squadrons with which they flew and trained. For that reason, the PJ functions had only minimal administrative space associated with their facilities. Under the proposed action the PJ unit will become a separate squadron and be required to establish administrative space for all squadron command and control functions. In addition, the CROs will be mobility tasked and therefore significantly increase the equipment storage requirements for the unit. CURRENT SITUATION: A CRO Site Survey conducted by HQ AFRC on 3 Apr 02 identified and validated facility space shortages if the CRO component were to beddown without any new construction. Lack of adequate space in the existing facility has lead to use of closets for office space and storage of high value mobility mission equipment in space that is not environmentally controlled. IMPACT IF NOT PROVIDED: The 920th Rescue Wing (RQW) will be forced to implement work-around measures to accommodate the CRO component of the new PJ squadron. As a result, administrative command and control of the unit will be degraded. In addition, the high value equipment to be used by the CROs will not have secured and conditioned storage space accessible to the CRO PJs and the unit equipment maintenance personnel. Unit recruiting and retention will be negatively impacted due to inadequate facilities. Mission readiness may be negatively impacted. ADDITIONAL: 2,122 SM = 22,841 SF. POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. Project is candidate for Comprehensive Interior Design (CID). Equipment from other appropriations: \$50K for furnishings. JOINT USE STATEMENT: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.						

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005																				
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA																						
4. PROJECT TITLE ADD/ALTER RESCUE SQUADRON OPERATIONS FACILITY	5. PROJECT NUMBER SXHT 033000																					
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. DESIGN DATA (Estimated)</p> <p>1. STATUS</p> <table border="0"> <tr> <td>a. Date Design Started</td> <td>Dec 2004</td> </tr> <tr> <td>b. Parametric Cost Estimate used to develop costs</td> <td>MCACES</td> </tr> <tr> <td>c. Percentage Complete as of January 1, 2005</td> <td>15%</td> </tr> <tr> <td>d. Date Design 35% Complete</td> <td>Feb 05</td> </tr> <tr> <td>e. Date Design Complete - (If design-build, construction complete)</td> <td>Jul 05</td> </tr> </table> <p>2. BASIS</p> <p>a. Standard or Definitive Design - Yes ___ No <u>X</u>.</p> <p>b. Where Design Was Most Recently Used <u>N/A</u>.</p> <p>3. COST (Total) = c = a + b or d + e (\$000)</p> <table border="0"> <tr> <td>a. Production of Plans and Specifications (35% design)</td> <td>(___)</td> </tr> <tr> <td>b. All Other Design Costs (Design-build)</td> <td>(___)</td> </tr> <tr> <td>c. Total</td> <td>(<u>376</u>)</td> </tr> <tr> <td>d. Contract (A-E)</td> <td>(<u>286</u>)</td> </tr> <tr> <td>e. In-house (management)</td> <td>(<u>90</u>)</td> </tr> </table> <p>4. CONSTRUCTION START Dec 2005</p>			a. Date Design Started	Dec 2004	b. Parametric Cost Estimate used to develop costs	MCACES	c. Percentage Complete as of January 1, 2005	15%	d. Date Design 35% Complete	Feb 05	e. Date Design Complete - (If design-build, construction complete)	Jul 05	a. Production of Plans and Specifications (35% design)	(___)	b. All Other Design Costs (Design-build)	(___)	c. Total	(<u>376</u>)	d. Contract (A-E)	(<u>286</u>)	e. In-house (management)	(<u>90</u>)
a. Date Design Started	Dec 2004																					
b. Parametric Cost Estimate used to develop costs	MCACES																					
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e. In-house (management)	(<u>90</u>)																					
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:																						
Equipment <u>Nomenclature</u> Furnishings	Procuring <u>Appropriation</u> 3740	Fiscal Year Appropriated <u>Or Requested</u> FY2006 Cost <u>(\$000)</u> 50																				

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005	
3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, FLORIDA					4. AREA CONSTR COST INDEX 0.97	
5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year, daily use by technician/AGR force and for training.						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS One Air Force Station						
7. PROJECTS REQUESTED IN THIS PROGRAM						
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>	
141-753	Add/Alter Rescue Squadron Operations Facility	2,122 SM	2,090	Dec 2004	Jul 2005	
610-129	Wing Headquarters	3,910 SM	13,700	Sep 2003	Jun 2008	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction.						
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS						
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>YEAR</u>		
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 165,263						

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

PATRICK AIR FORCE BASE, FLORIDA

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	229	34	165	30	832	156	676
ACTUAL	269	40	203	26	970	176	794

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
301st Rescue Squadron	109	113
39th Rescue Squadron	111	109
920th Aeromedical Staging Squadron	183	243
920th Aircraft Maintenance Squadron	85	93
920th Logistics Readiness Flight	19	22
920th Maintenance Group	11	11
920th Maintenance Operations Flight	19	19
920th Maintenance Squadron	158	195
920th Mission Support Group	5	6
920th Mission Support Squadron	62	97
920th Operations Group	12	11
920th Operations Support Flight	18	16
920th Rescue Wing	39	35
OL 610th Recruiting Flight	1	0
Total	832	970

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
HC-130N/P	5	5
HH-60G	8	9

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005		
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII				4. PROJECT TITLE CONSOLIDATED TRAINING			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 171-443	7. PROJECT NUMBER KNMD 979604		8. PROJECT COST (\$000) 6,450		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
CONSOLIDATED TRAINING FACILITY				SM	1,199	3,357	4,025
ANTITERRORISM/FORCE PROTECTION				LS			40
SUPPORTING FACILITIES							1,703
PAVEMENTS				LS			(213)
UTILITIES				LS			(335)
COMMUNICATIONS				LS			(140)
SPECIAL STRUCTURAL				LS			(375)
SITE WORK & ARCHAEOLOGICAL MONITORING				LS			(350)
STORM WATER DRAINAGE				LS			(290)
SUBTOTAL							5,768
CONTINGENCY (5%)							288
TOTAL CONTRACT COST							6,056
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)							394
TOTAL REQUEST							6,450
TOTAL REQUEST (ROUNDED)							6,450
EQUIPMENT FROM OTHER APPROPRIATIONS							700
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a new facility with reinforced concrete footings, foundation, and floor slab; structural steel framing, concrete block walls, metal roof decking, and preformed metal roofing panels, fascias, and trim. Includes building mechanical and electrical systems, communications/computer management system, site utilities, pavements and site improvements. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 39 Tons.							
11. REQUIREMENT: 2,043 SM ADEQUATE: 844 SM SUBSTANDARD: 678 SM PROJECT: Construct Reserve consolidated and medical training facilities for the 624th Regional Support Group (RSG), 624th Logistical Support Flight, 624th Mission Support Group and the 624th Aeromedical Staging Flight. REQUIREMENT: An adequately sized and configured facility is needed for the 624th Regional Support Group, 624th Mission Support Group and the 624th Aeromedical Staging Flight. The 624th equips and trains subordinate units in aerial port operations, civil engineering operations and medical staging operations. CURRENT SITUATION: The 624 RSG is operating out of a WWII aircraft hangar and three other widely dispersed facilities. The hangar space is dismal; the fixtures and finishes are old, the mechanical systems unreliable and the space inefficiently laid out. Having the functions geographically separated limits command and control and leads to ineffective training time. IMPACT IF NOT PROVIDED: Training exercises and full-time administrative support will continue to be negatively impacted by the lack of adequate facilities. Continued space shortfalls will affect training efficiencies, which will in-turn negatively impact the readiness of the 624 RSG, their subordinate units and the active duty missions they support. ADDITIONAL: Candidate for comprehensive interior design. Other appropriation funding includes \$500K for furnishings and \$200K for communications equipment. US Army Corps of Engineers SIOH rate for Hickam is 6.5%. POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. NEW WORK: 1,199 SM = 12,906 SF. JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.							

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005																				
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4. PROJECT TITLE CONSOLIDATED TRAINING	5. PROJECT NUMBER KNMD 979604																					
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<table border="0"> <tr> <td>Equipment</td> <td>Procuring</td> <td>Fiscal Year</td> <td>Cost</td> </tr> <tr> <td><u>Nomenclature</u></td> <td><u>Appropriation</u></td> <td><u>Appropriated</u></td> <td><u>(\$000)</u></td> </tr> <tr> <td>Furnishings</td> <td>3740</td> <td>FY2007</td> <td>500</td> </tr> <tr> <td>Communications Equipment</td> <td>3740</td> <td>FY2006</td> <td>200</td> </tr> </table>	Equipment	Procuring	Fiscal Year	Cost	<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>	Furnishings	3740	FY2007	500	Communications Equipment	3740	FY2006	200						
Equipment	Procuring	Fiscal Year	Cost																			
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>																			
Furnishings	3740	FY2007	500																			
Communications Equipment	3740	FY2006	200																			

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005												
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII				4. AREA CONSTR COST INDEX 1.66													
5. FREQUENCY AND TYPE UTILIZATION One Unit Training Assembly per month, 15 days annual field training per year, daily use by technician/AGR force for training.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army Installations, 1 Army Facility, 1 Air Force Base, 1 Air National Guard Unit, 2 Naval Installations, 1 Marine Corps Reserve Center, 4 Army National Guard Installations																	
7. PROJECTS REQUESTED IN THIS PROGRAM																	
<table border="0"> <thead> <tr> <th><u>CATEGORY CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>COST (\$000)</u></th> <th><u>DESIGN START</u></th> <th><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-443</td> <td>Consolidated Training</td> <td>1,199 SM</td> <td>6,450</td> <td>Jun 04</td> <td>Aug 05</td> </tr> </tbody> </table>						<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>	171-443	Consolidated Training	1,199 SM	6,450	Jun 04	Aug 05
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>												
171-443	Consolidated Training	1,199 SM	6,450	Jun 04	Aug 05												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction.																	
9. LAND ACQUISITION REQUIRED NONE (Number of Acres)																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS																	
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<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>													
610-243	Regional Support Group Headquarters	934 SM	\$4,900	2011													
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 96,654																	

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

HICKAM AIR FORCE BASE, HAWAII

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	22	1	19	2	495	63	432
ACTUAL	16	1	14	1	469	46	423

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
48th Aerial Port Squadron	164	161
624th Aeromedical Staging Squadron	123	106
624th Civil Engineering Squadron	135	145
624th Maintenance Operations Flight	28	22
624th Regional Support Group	24	26
Det 1 701st Combat Operations Squadron	17	9
OL 604th Recruiting Flight	4	0
Total	495	469

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
None		

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005
3. INSTALLATION AND LOCATION GRISSOM AIR RESERVE BASE, INDIANA		4. PROJECT TITLE RADAR APPROACH CONTROL FACILITY		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 134-375	7. PROJECT NUMBER CTGB 989001P1	8. PROJECT COST (\$000) 7,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
RAPCON AND ATCALs MAINTENANCE	SM	909	3,212	2,920
ANTITERRORISM FORCE PROTECTION	LS			252
SUPPORTING FACILITIES				3,135
ACCESS ROAD	LM	335	1,164	(390)
PARKING	LS			(120)
UTILITIES	LS			(1,582)
PASSIVE FORCE PROTECTION MEASURES	LS			(93)
COMMUNICATIONS COST				
INTERIOR	LS			(110)
EXTERIOR	LS			(840)
SUBTOTAL				6,307
CONTINGENCY (5%)				315
TOTAL CONTRACT COST				6,622
SUPERVISION, INSPECTION, AND OVERHEAD (5.7%)				377
TOTAL REQUEST				6,999
TOTAL REQUEST (ROUNDED)				7,000
EQUIPMENT FROM OTHER APPROPRIATIONS				1,100
10. DESCRIPTION OF PROPOSED WORK: Construct Radar Approach Control Facility. The Radar Approach Control Facility shall be a 909 SM (9,764 SF) structure. Support structures include asphalt road with curbing and drains, asphalt parking with curbs and drains, underground electrical service, water, gas, and sanitary sewers. Security features to include cameras, lighting, fencing, cantilever vehicle gates, and card access. Administrative areas require comprehensive interior design, 90-Ton Air Conditioning, and 150-KVA Emergency Generator. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 90 Tons.				
11. REQUIREMENT: 909 SM ADEQUATE: 0 SM SUBSTANDARD: 600 SM <u>PROJECT:</u> Radar Approach Control (RAPCON) and Air Traffic Control and Landing System (ATCALs) (Current Mission) <u>REQUIREMENT:</u> Flying operations are dependent on professional and accurate information from the Radar Approach Control facility. To ensure flight safety and mission readiness for the 434th Air Refueling Wing (ARW) and the civilian aircraft utilizing the Grissom Air Reserve Base (ARB) airfield and the surrounding air space, it will require that the existing RAPCON be replaced with modern facilities located within the security of Grissom ARB. <u>CURRENT SITUATION:</u> The RAPCON facility is a 600 SM masonry structure constructed in 1961. It is also encompassed by property that is no longer under Air Force control and within 75 feet of a public roadway; thus it is vulnerable to terrorist acts. The 44-year old structure is poorly configured to support the requirements of a modern RAPCON. Asbestos-containing materials are present in the facility. The HVAC system is over 30 years old and experiences frequent outages. The facility lacks handicapped access. The inability of aging structures to support modern aviation equipment adversely impacts the mission readiness of the 434 ARW and the safety of the civilian aircraft under the control of the Grissom ARB RAPCON. <u>IMPACT IF NOT PROVIDED:</u> The mission readiness of the 434 ARW and the safety of the flying operations controlled by this facility will continue to be adversely impacted by their substandard condition and location. This facility is essential to the 434 ARW flying mission. The facility will remain vulnerable to acts of terrorism. As civilian and military air traffic under Grissom ARB control increases, the deficiencies of these facilities will increase the potential of a serious accident. <u>ADDITIONAL:</u> Primary requirement of this project is to relocate the RAPCON inside the boundary fence of Grissom ARB, only new construction is an adequate solution. The exterior communications cost include installing manholes, communications ducts, and cable from near facility 600 to the RAPCON site (2,100 ft), from facility 727 to the RAPCON (4,000 ft) and from the Surveillance Radar at facility 708 (5,500 ft). POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. New work 909 SM = 9,784 SF. Other appropriations funding: \$100K for furnishings, \$1M for communication equipment. <u>JOINT USE CERTIFICATION:</u> Mission requirements, operational considerations, and location are incompatible with use by other components.				

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
GRISSOM AIR RESERVE BASE, INDIANA

4. PROJECT TITLE RADAR APPROACH CONTROL FACILITY	5. PROJECT NUMBER CTGB 989001P1
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Jun 2004
- b. Parametric Cost Estimate used to develop costs MCACES
- c. Percentage Complete as of January 1, 2005 35%
- d. Date Design 35% Complete Jan 2005
- e. Date Design Complete - (If design-build, construction complete) Aug 2005

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (700)
- d. Contract (A-E) (560)
- e. In-house (management) (140)

4. CONSTRUCTION START Nov 2005

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Furnishings	3740	FY2007	100
Communications Equipment	3740	FY2006	1,000

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005													
3. INSTALLATION AND LOCATION GRISSOM AIR FORCE BASE, INDIANA					4. AREA CONSTR COST INDEX 1.05													
5. FREQUENCY AND TYPE UTILIZATION Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.																		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Three Army National Guard Armories																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1"> <thead> <tr> <th data-bbox="191 877 329 926">CATEGORY CODE</th> <th data-bbox="483 905 670 926">PROJECT TITLE</th> <th data-bbox="865 905 954 926">SCOPE</th> <th data-bbox="1040 877 1114 926">COST (\$000)</th> <th data-bbox="1166 877 1255 926">DESIGN START</th> <th data-bbox="1328 877 1466 926">DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 932 313 953">134-375</td> <td data-bbox="358 932 781 953">Radar Approach Control Facility</td> <td data-bbox="857 932 963 953">909 SM</td> <td data-bbox="1040 932 1114 953">7,000</td> <td data-bbox="1154 932 1276 953">Jun 2004</td> <td data-bbox="1333 932 1455 953">Aug 2005</td> </tr> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE	134-375	Radar Approach Control Facility	909 SM	7,000	Jun 2004	Aug 2005
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE													
134-375	Radar Approach Control Facility	909 SM	7,000	Jun 2004	Aug 2005													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction																		
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)													
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th data-bbox="191 1465 329 1514">CATEGORY CODE</th> <th data-bbox="548 1493 735 1514">PROJECT TITLE</th> <th data-bbox="1003 1493 1092 1514">SCOPE</th> <th data-bbox="1214 1465 1287 1514">COST (\$000)</th> <th data-bbox="1385 1493 1458 1514">YEAR</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 1520 313 1541">149-962</td> <td data-bbox="370 1520 557 1541">Control Tower</td> <td data-bbox="995 1520 1101 1541">498 SM</td> <td data-bbox="1214 1520 1287 1541">5,400</td> <td data-bbox="1385 1520 1458 1541">2008</td> </tr> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR	149-962	Control Tower	498 SM	5,400	2008		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR														
149-962	Control Tower	498 SM	5,400	2008														
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 13,262																		

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
GRISSOM AIR FORCE BASE, INDIANA

	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	549	37	281	231	1,226	143	1,083
ACTUAL	568	39	284	245	1,310	146	1,164

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
434th Aerospace Medicine Group	73	75
434th Air Refueling Wing	61	74
434th Aircraft Maintenance Squadron	239	231
434th Civil Engineer Squadron	158	173
434th Communications Squadron	21	33
434th Logistics Readiness Squadron	90	93
434th Maintenance Group	21	24
434th Maintenance Squadron	172	164
434th Maintenance Operations Flight	40	37
434th Mission Support Group	5	7
434th Mission Support Flight	30	38
434th Operations Group	8	8
434th Operations Support Squadron	42	49
434th Security Forces Squadron	80	110
434th Services Flight	42	44
49th Aerial Port Flight	39	38
72nd Air Refueling Squadron	52	54
74th Air Refueling Squadron	51	57
OL AD DET 3 CAP USAF AP	0	1
OL 604th Recruiting Flight	1	0
OL 951 RSS Squadron	1	0
Total	1,226	1,310

13. MAJOR EQUIPMENT AND AIRCRAFT

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

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION WESTOVER AIR RESERVE BASE, MASSACHUSETTS			4. PROJECT TITLE MUNITIONS STORAGE & MAINTENANCE COMPLEX			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 422-264	7. PROJECT NUMBER YTPM 989002		8. PROJECT COST (\$000) 3,000	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
MUNITIONS STORAGE IGLOOS			SM	372	2,993	1,113
CLASS 1.4 MUNITIONS STORAGE FACILITY			SM	149	1,884	281
MUNITIONS INSPECTION & STORAGE FACILITY			SM	130	1,884	245
ANTITERRORISM/FORCE PROTECTION			LS			15
SUPPORTING FACILITIES						1,070
ELECTRICAL			LS			(278)
WATER MAIN			M	2,134	100	(213)
SEWER/LIFT STATION/MANHOLE			M	2,195	100	(220)
FENCING			M	275	164	(45)
COMMUNICATIONS SUPPORT			LS			(200)
SITE WORK/ASPHALT DRIVES/LOADING DOCK			LS			(114)
SUBTOTAL						2,724
CONTINGENCY (5%)						136
TOTAL CONTRACT COST						2,860
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)						163
TOTAL REQUEST						3,023
TOTAL REQUEST (ROUNDED)						3,000
EQUIPMENT FROM OTHER APPROPRIATIONS						23
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: This facility should be capable of storing Class A munitions (Class/Div 1.1) with various compatibility codes. Complex shall include: Munitions Maintenance and Inspection Facility (130 SM) with office and restrooms, 1.4 munitions storage facility (149 SM) and igloos (372 SM). Construct a concrete loading dock. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 6 Tons</p>						
<p>11. REQUIREMENT: 651 SM ADEQUATE: 0 SUBSTANDARD: 31 SM <u>PROJECT:</u> Construct a Munitions Storage and Maintenance Complex (Current Mission) <u>REQUIREMENT:</u> Total munitions storage requirements are driven by training, operational, and mobility requirements. Storage needs to be built for class 1.1, 1.2, 1.3, and 1.4 munitions. The Net Explosive Weight (NEW) requirement for Storage of Hazard Class/Division (HCD) 1.1 and 1.2 munitions is a minimum of 760 pounds NEW (21 different types of Munitions). For HCD 1.1, the physical dimensions have been determined by the NEW and compatibilities issues. There are 4 different compatibility groups for Munitions Storage of HCD 1.1. Munitions are required to be stored and separated by Type, National Stock Number, Lot #, Condition Code, Compatibility Group, Custody Account (30 Accounts), Category (Mobility, Training and Operational), Serviceability (serviceable, unserviceable). Structures must be built to meet DOD 6055.9-STD DOD Ammunition and Explosives Safety Standards, AFI 91-201 Explosive Safety Standards, security requirements of DOD 5100-76-M Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives and AFI 31-102, Security Police Standards and Procedures. Munitions storage should be sized for forklift accessibility and maneuverability. <u>CURRENT SITUATION:</u> The current munitions storage areas at Westover ARB are not adequate and do not meet explosive safety standards. Unit Compliance Inspection (May 02) observed that the 439th Airlift Wing Munitions Flight used workarounds to overcome their lack of proper resources to properly execute its munitions support function. The 439 AW does not have the capability to store class 1.1 or 1.2 munitions on Westover ARB. These munitions are stored at Barnes ANGB and Ft Devens Army Base. Access to these facilities is limited. Igloos have been proposed since construction of multi-cubes is not recommended. <u>IMPACT IF NOT PROVIDED:</u> Highly explosive materials will continue to be transported over public access highways from Barnes ANGB to Westover ARB. Explosive Ordnance Disposal (EOD) and Security Forces (SF) will continue to be dependent on the availability of Barnes ANGB personnel for access to training and emergency munitions. Unsafe storage of class 1.3 and 1.4 munitions will continue to put people and facility assets at risk. <u>ADDITIONAL COMMENTS:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. Other appropriations funding: \$18K for communications costs and \$5K for furnishings. NEW WORK: 651 SM = 7,007 SF. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p>						

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
WESTOVER AIR RESERVE BASE, MASSACHUSETTS

4. PROJECT TITLE MUNITIONS STORAGE & MAINTENANCE COMPLEX	5. PROJECT NUMBER YTPM 989002
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Feb 2005
- b. Parametric Cost Estimate used to develop costs No
- c. Percentage Complete as of January 1, 2005 0%
- d. Date Design 35% Complete Apr 2005
- e. Date Design Complete - (If design-build, construction complete) Aug 2005

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (420)
- d. Contract (A-E) (360)
- e. In-house (management) (60)

4. CONSTRUCTION START Jan 2006

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

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested	Cost <u>(\$000)</u>
Furnishings	3740	FY2007	5
Communications	3740	FY2007	18

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005													
3. INSTALLATION AND LOCATION WESTOVER AIR RESERVE BASE, MASSACHUSETTS					4. AREA CONSTR COST INDEX 1.12													
5. FREQUENCY AND TYPE UTILIZATION Two unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.																		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS Four Army National Guard Armories, One Air National Guard Base.																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" data-bbox="186 867 1490 966"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th>DESIGN START</th> <th>DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td>422-264</td> <td>Munitions Storage & Maintenance</td> <td>651 SM</td> <td>3,000</td> <td>Feb 2005</td> <td>Aug 2005</td> </tr> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE	422-264	Munitions Storage & Maintenance	651 SM	3,000	Feb 2005	Aug 2005
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE													
422-264	Munitions Storage & Maintenance	651 SM	3,000	Feb 2005	Aug 2005													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION																		
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)													
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="186 1449 1490 1547"> <thead> <tr> <th>CATEGORY CODE</th> <th>PROJECT TITLE</th> <th>SCOPE</th> <th>COST (\$000)</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>721-315</td> <td>Visiting Quarters</td> <td>3,528 SM</td> <td>8,900</td> <td>2010</td> </tr> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR	721-315	Visiting Quarters	3,528 SM	8,900	2010		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR														
721-315	Visiting Quarters	3,528 SM	8,900	2010														
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 414,153																		

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

WESTOVER AIR RESERVE BASE, MASSACHUSETTS

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	803	35	479	289	2,362	271	2,091
ACTUAL	744	29	438	277	2,159	239	1,920

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	STRENGTH	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
337th Airlift Squadron	196	190
42nd Aerial Port Squadron	194	171
439th Aeromedical Evacuation Squadron	146	116
439th Aeromedical Staging Squadron	193	175
439th Aerospace Medicine Squadron	108	93
439th Aircraft Maintenance Squadron	310	281
439th Airlift Control Flight	20	19
439th Airlift Wing	71	66
439th Civil Engineer Squadron	127	133
439th Communications Squadron	33	39
439th Logistics Readiness Squadron	72	73
439th Maintenance Group	24	19
439th Maintenance Operations Group	68	60
439th Maintenance Squadron	349	303
439th Mission Support Group	6	5
439th Mission Support Squadron	47	46
439th Operations Group	14	13
439th Operations Support Squadron	64	62
439th Security Forces Squadron	111	120
439th Services Squadron	41	46
58th Aerial Port Squadron	164	129
OL 622nd Recruiting Flight	3	0
OL 951 RSS Squadron	1	0
Total	2,362	2,159

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-5A	14	16

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK				4. PROJECT TITLE VISITING QUARTERS		
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 724-417	7. PROJECT NUMBER RVKQ 009013P1		8. PROJECT COST (\$000) 9,200	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
VISITING QUARTERS		SM	3,437	1,998	6,867	
ANTITERRORISM/FORCE PROTECTION		LS			67	
COMMUNICATIONS SUPPORT - INTERIOR		LS			41	
SUPPORTING FACILITIES					1,311	
UTILITIES		LS			(509)	
PAVEMENTS		LS			(280)	
SITE IMPROVEMENTS		LS			(205)	
COMMUNICATIONS SUPPORT – EXTERIOR		LS			(84)	
DEMOLITION		SM	1,140	204	<u>(233)</u>	
SUBTOTAL					8,286	
CONTINGENCY (5%)					<u>414</u>	
TOTAL CONTRACT COST					8,700	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					<u>496</u>	
TOTAL REQUEST					9,196	
TOTAL REQUEST (ROUNDED)					9,200	
EQUIPMENT FROM OTHER APPROPRIATIONS					850	
10. Description of Proposed Construction: Construct new visiting quarters facility and parking lot on an existing open area. Standard facility rooms will be designed to current Air Force standards. All utilities, site improvements and paving are included. Upon completion of construction, building 508 will be demolished. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 74 Tons.						
11. REQUIREMENT: 9,572 SM ADEQUATE: 3,162 SM SUBSTANDARD: 3,363 SM PROJECT: Visiting Quarters (Current Mission) <u>REQUIREMENT:</u> Facilities of adequate size and configuration that meet Air Force standards are required. Lodging facilities must be provided to accommodate personnel on unit training assemblies, annual training, and special training status. This project provides part of the total Visiting Quarters requirement at Niagara Falls IAP. Another project in FY11 will provide the remainder of the requirement. <u>CURRENT SITUATION:</u> Current lodging facilities were constructed of wood in 1952. The space is not adequately configured and does not meet Air Force standards. Facilities are not energy efficient and cannot be effectively maintained. Antiquated environmental controls cannot be cost effectively modified to create comfortable living conditions. The deteriorating condition of the existing facilities is such that only new construction can adequately correct the situation. <u>IMPACT IF NOT PROVIDED:</u> Continued use of deteriorated facilities will have a negative impact on morale and recruiting. The existing facilities will require an excessive amount of maintenance and repair to sustain lodging operations. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. This project is a candidate for Comprehensive Interior Design. Equipment from other appropriations: \$650K for furnishings and \$200K for communications equipment. 3,437 SM = 36,996 SF. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an “as available” basis; however, the scope of the project is based on Air Force Reserve requirements.						

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK

4. PROJECT TITLE VISTING QUARTERS	5. PROJECT NUMBER RVKQ009013P1
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Jan 2001
- b. Parametric Cost Estimate used to develop costs MCACES
- c. Percentage Complete as of January 1, 2005 100%
- d. Date Design 35% Complete Mar 2001
- e. Date Design Complete - (If design-build, construction complete) Mar 2002

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) ()
- b. All Other Design Costs (Design-build) ()
- c. Total (900)
- d. Contract (A-E) (450)
- e. In-house (management) (450)

4. CONSTRUCTION START Nov 2005

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Systems Furniture	3740	FY2008	650
Communications Equipment	3740	FY2007	200

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005												
3. INSTALLATION AND LOCATION NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK				4. AREA CONSTR COST INDEX 1.12													
5. FREQUENCY AND TYPE UTILIZATION Two unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Wing, 5 Army National Guard Armories, 1 Naval Reserve Center, 1 Army Reserve Unit																	
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1"> <thead> <tr> <th data-bbox="191 898 326 953">CATEGORY CODE</th> <th data-bbox="483 926 672 953">PROJECT TITLE</th> <th data-bbox="862 926 954 953">SCOPE</th> <th data-bbox="1040 898 1110 953">COST (\$000)</th> <th data-bbox="1170 898 1256 953">DESIGN START</th> <th data-bbox="1321 898 1458 953">DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 953 310 982">724-417</td> <td data-bbox="358 953 581 982">Visiting Quarters</td> <td data-bbox="846 953 971 982">3,437 SM</td> <td data-bbox="1040 953 1110 982">9,200</td> <td data-bbox="1170 953 1256 982">Jan 01</td> <td data-bbox="1338 953 1435 982">Mar 02</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE	724-417	Visiting Quarters	3,437 SM	9,200	Jan 01	Mar 02
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE												
724-417	Visiting Quarters	3,437 SM	9,200	Jan 01	Mar 02												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction																	
9. LAND ACQUISITION REQUIRED				NONE (Number of Acres)													
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th data-bbox="191 1486 326 1541">CATEGORY CODE</th> <th data-bbox="548 1514 737 1541">PROJECT TITLE</th> <th data-bbox="1003 1514 1094 1541">SCOPE</th> <th data-bbox="1224 1486 1294 1541">COST (\$000)</th> <th data-bbox="1386 1514 1456 1541">YEAR</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 1541 310 1570">724-417</td> <td data-bbox="370 1541 591 1570">Visiting Quarters</td> <td data-bbox="987 1541 1112 1570">2,973 SM</td> <td data-bbox="1224 1541 1294 1570">8,200</td> <td data-bbox="1386 1541 1456 1570">2011</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR	724-417	Visiting Quarters	2,973 SM	8,200	2011		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR													
724-417	Visiting Quarters	2,973 SM	8,200	2011													
11. RPM BACKLOG AT THIS INSTALLATION (\$000): 10,473																	

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (ARTs, AGRs, Non-ART Civilians)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	349	21	152	176	1,197	176	1,021
ACTUAL	347	22	155	170	1,207	145	1,062

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
30th Aerial Port Squadron	154	145
328th Airlift Squadron	99	94
914th Aeromedical Evacuation Squadron	70	69
914th Aeromedical Staging Squadron	145	128
914th Aircraft Maintenance Squadron	60	60
914th Airlift Wing	48	52
914th Civil Engineering Squadron	89	113
914th Communications Squadron	64	61
914th Logistics Readiness Squadron	68	69
914th Maintenance Group	9	7
914th Maintenance Operations Flight	27	25
914th Maintenance Squadron	161	162
914th Mission Support Flight	25	33
914th Missions Support Group	4	6
914th Operations Group	13	13
914th Operations Support Flight	37	34
914th Security Forces Squadron	81	96
914th Services Squadron	41	40
OL 622nd Recruiting Flight	2	0
Total	1,197	1,207

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H	8	8

1. COMPONENT AIR FORCE RESERVE	FY2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO			4. PROJECT TITLE C-5 SCHEDULED MAINTENANCE HANGAR		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 211-111	7. PROJECT NUMBER ZHTV 059007	8. PROJECT COST (\$000) 15,300		
9. COST ESTIMATE					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 SCHEDULED MAINTENANCE HANGAR		SM	4,800	1,913	9,182
AIRCRAFT MAINTENANCE FUNCTIONS		SM	865	844	730
ANTITERRORISM/FORCE PROTECTION		LS			99
TEMPORARY FACILITIES		LS			500
MOVE STEAM LINES AND FUEL LINES		LS			950
SUPPORTING FACILITIES					2,332
COMMUNICATIONS		LS			(165)
UTILITIES		LS			(828)
PAVING		LS			(250)
SITE IMPROVEMENTS		LS			(550)
DEMOLISH EXISTING C-141 HANGAR (#4028)		SM	2,838	190	<u>(539)</u>
SUBTOTAL					13,793
CONTINGENCY (5%)					<u>690</u>
TOTAL CONTRACT COST					14,483
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					<u>826</u>
TOTAL REQUEST					15,309
TOTAL REQUEST (ROUNDED)					15,300
EQUIPMENT FROM OTHER APPROPRIATIONS					40
10. Description of Proposed Construction: Construct hangar to accommodate C-5 scheduled maintenance, maintenance staff, shops and tool crib areas. Construction includes all necessary utilities and services. Demolition of Building 4028 is required. Includes all site work and supporting utilities. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 42 Tons.					
11. REQUIREMENT: 5,665 SM ADEQUATE: 0 SUBSTANDARD: 2,787 SM PROJECT: C-5 Maintenance Hangar (New Mission) REQUIREMENT: Per site survey conducted Feb 02, a new hangar and associated aircraft maintenance functions are required to support the conversion from C-141 aircraft to C-5 aircraft. AFRC Handbook 32-1001, Standard Facility Requirements, outlines the number of maintenance hangars required and the size of the aircraft maintenance space required to support C-5 maintenance operations. The facility will also include stand storage, maintainer's locker/break room, and maintenance command/scheduling office areas. Temporary facilities are also required during period of construction. C-5 aircraft arrives FY06. CURRENT SITUATION: Existing hangars at Wright-Patterson AFB are structured to support C-141 aircraft. The C-5 aircraft is 73 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 C-5 beddown. C-5 operations cannot be accomplished at Wright-Patterson AFB without new maintenance hangars. Expensive, mission-critical delays will result without this hangar. ADDITIONAL: POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. NEW WORK: 5,665 SM= 60,978 SF. Extensive existing utility lines (steam/fuel/power) running through construction site must be relocated. Equipment from other appropriations: \$15K for communication equipment and \$25K for furnishings. JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.					

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005																								
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3. INSTALLATION AND LOCATION							
WRIGHT-PATTERSON AIR FORCE BASE, OHIO							
11. PERSONNEL STRENGTH AS OF AUG 2004							
	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>		STRENGTH				
			<u>AUTHORIZED</u>				<u>ACTUAL</u>
	87th Aerial Port Squadron		188				210
	89th Airlift Squadron		100				116
	356th Airlift Squadron		100				117
	445th Aeromedical Evacuation Squadron		141				147
	445th Aeromedical Staging Squadron		196				192
	445th Aerospace Medicine Squadron		72				97
	445th Aircraft Maintenance Squadron		233				227
	445th Airlift Control Flight		16				8
	445th Airlift Wing		47				61
	445th Civil Engineering Squadron		135				181
	445th Combat Logistics Support Squadron		110				129
	445th Communications Flight		21				30
	445th Logistics Readiness Squadron		73				94
	445th Maintenance Group		15				16
	445th Maintenance Operations Flight		39				34
	445th Maintenance Squadron		216				220
	445th Mission Support Group		6				4
	445th Mission Support Flight		39				57
	445th Operations Group		13				14
	445th Operations Support Squadron		71				74
	445th Security Forces Squadron		54				73
	445th Services Flight		20				33
	604th RCT Flight		4				0
	OL S AFR CM		3				2
	OL 1B Health Professional Recruiting Flight		3				1
			Total	1,915			2,137
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	C-141C	14	16				
	Converting to C-5						

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO			4. PROJECT TITLE C-5 FUEL SYSTEM MAINTENANCE HANGAR		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 211-179	7. PROJECT NUMBER ZHTV 059009	8. PROJECT COST (\$000) 10,500		
9. COST ESTIMATE					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 FUEL SYSTEM MAINTENANCE HANGAR		SM	3,266	2,015	6,581
ANTITERRORISM/FORCE PROTECTION					66
SUPPORTING FACILITIES					2,348
COMMUNICATIONS					(130)
UTILITIES					(838)
PAVING					(750)
SITE IMPROVEMENTS					<u>(630)</u>
SUBTOTAL					8,995
CONTINGENCY (5%)					<u>450</u>
TOTAL CONTRACT COST					9,445
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					538
DESIGN-BUILD COST					<u>472</u>
TOTAL REQUEST					10,455
TOTAL REQUEST (ROUNDED)					10,500
EQUIPMENT FROM OTHER APPROPRIATIONS					25
10. Description of Proposed Construction: Construct hangar to accommodate C-5 fuel cell maintenance, and maintenance staff. Hangar will include fuel cell maintenance ventilation systems in compliance with local environmental standards. Construction includes all necessary utilities and services. Includes all site work and supporting utilities. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 23 Tons.					
11. REQUIREMENT: 3,266 SM ADEQUATE: 0 SUBSTANDARD: 1,988 SM <u>PROJECT:</u> C-5 Fuel System Maintenance Hangar <u>REQUIREMENT:</u> Per site survey conducted Feb 02, a new C-5 fuel systems maintenance hangar is required to support the conversion from C-141 aircraft to C-5 aircraft. AFRC Handbook 32-1001, Standard Facility Requirements, outlines the number of maintenance hangars required for C-5 maintenance operations. This project will provide a facility with environmentally compliant fuel ventilation systems and fuel cell maintenance tool and spares storage. C-5 aircraft arrives FY06. <u>CURRENT SITUATION:</u> Existing hangars at Wright-Patterson AFB are structured to support C-141 aircraft. The C-5 aircraft is 73 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. Weather conditions in Ohio and environmental requirements do not permit outside fuel cell maintenance. A hangar must be provided to safely and efficiently perform fuel cell maintenance. <u>IMPACT IF NOT PROVIDED:</u> Adequate maintenance facilities must be provided to support C-5 beddown. C-5 operations cannot be accomplished at Wright-Patterson AFB without new maintenance hangars. Expensive, mission critical delays will result without this hangar. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. NEW WORK: 3,266 SM= 35,155 SF. Equipment from other appropriations: \$25K for communications equipment. Building 4020 will be returned to the active duty for disposition. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.					

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1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005		
3. INSTALLATION AND LOCATION							
WRIGHT-PATTERSON AIR FORCE BASE, OHIO							
11. PERSONNEL STRENGTH AS OF AUG 2004							
	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>		STRENGTH				
			<u>AUTHORIZED</u>				<u>ACTUAL</u>
	87th Aerial Port Squadron		188				210
	89th Airlift Squadron		100				116
	356th Airlift Squadron		100				117
	445th Aeromedical Evacuation Squadron		141				147
	445th Aeromedical Staging Squadron		196				192
	445th Aerospace Medicine Squadron		72				97
	445th Aircraft Maintenance Squadron		233				227
	445th Airlift Control Flight		16				8
	445th Airlift Wing		47				61
	445th Civil Engineering Squadron		135				181
	445th Combat Logistics Support Squadron		110				129
	445th Communications Flight		21				30
	445th Logistics Readiness Squadron		73				94
	445th Maintenance Group		15				16
	445th Maintenance Operations Flight		39				34
	445th Maintenance Squadron		216				220
	445th Mission Support Group		6				4
	445th Mission Support Flight		39				57
	445th Operations Group		13				14
	445th Operations Support Squadron		71				74
	445th Security Forces Squadron		54				73
	445th Services Flight		20				33
	604th RCT Flight		4				0
	OL S AFR CM		3				2
	OL 1B Health Professional Recruiting Flight		3				1
		Total	1,915				2,137
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>		<u>AUTHORIZED</u>				<u>ASSIGNED</u>
	C-141C		14				16
	Converting to C-5						

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO				4. PROJECT TITLE C-5 SQUADRON OPERATIONS FACILITY		
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 141-753	7. PROJECT NUMBER ZHTV 059011		8. PROJECT COST (\$000) 5,750	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 SQUADRON OPERATIONS			SM	2,845	1,600	4,552
ANTITERRORISM/FORCE PROTECTION			LS			45
SUPPORTING FACILITIES						591
COMMUNICATIONS			LS			(70)
UTILITIES			LS			(230)
PAVING			LS			(221)
SITE IMPROVEMENTS			LS			(70)
SUBTOTAL						5,188
CONTINGENCY (5%)						259
TOTAL CONTRACT COST						5,447
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)						310
TOTAL REQUEST						5,757
TOTAL REQUEST (ROUNDED)						5,750
EQUIPMENT FROM OTHER APPROPRIATIONS						650
<p>10. Description of Proposed Construction: New facility to support C-5 squadron operations and life support functions. Construction will be in accordance with installation architectural standards and will be sited west of Bldg. 4004. Construction includes all site work, supporting utilities and services. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 72 Tons.</p>						
<p>11. REQUIREMENT: 2,845 SM ADEQUATE: 0 SUBSTANDARD: 4,217 SM (Existing Squadron Operations to be renovated for mission support functions in FY07) <u>PROJECT:</u> C-5 Squadron Operations Facility <u>REQUIREMENT:</u> Per site survey conducted Feb 02, a new squadron operations facility is required to support the conversion from C-141 aircraft to C-5 aircraft. AFRC Handbook 32-1001, Standard Facility Requirements, outlines the space requirements for squadron operations and life support functions. Reduction in crew positions due to the aircraft conversion results in excess space in the existing squadron operations facility. Beddown plan will make more efficient use of the space by reconfiguring the space for several other functions. An overall space reduction results while providing better facilities for all functions. C-5 aircraft arrives FY06. <u>CURRENT SITUATION:</u> There will be a net loss in crew positions with the conversion of aircraft. Using the existing facility with a net loss in personnel is not the best use of the space. It would be more efficient to build a properly sized squadron operations facility and backfill the existing squadron operations facility with mission support functions. FY07 project ZHTV 059019, C-5 Alter Facility for Reserve Training, will renovate the existing Squadron Operations facility and consolidate mission support functions. <u>IMPACT IF NOT PROVIDED:</u> Failure to construct a new operations facility will not allow more efficient realignment of space as outlined in the survey report. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. NEW WORK: 2,845 SM= 30,623 SF. This project is a candidate for comprehensive interior design (\$550K). Equipment from other appropriations: \$50K for communications equipment and \$600K for furnishings. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p>						

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

4. PROJECT TITLE C-5 SQUADRON OPERATIONS FACILITY	5. PROJECT NUMBER ZHTV 059011
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Sep 2004
- b. Parametric Cost Estimate used to develop costs PACES
- c. Percentage Complete as of January 1, 2005 35%
- d. Date Design 35% Complete Dec 2004
- e. Date Design Complete - (If design-build, construction complete) Aug 2005

2. BASIS

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

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

- a. Production of Plans and Specifications (35% design) (___)
- b. All Other Design Costs (Design-build) (___)
- c. Total (633)
- d. Contract (A-E) (507)
- e. In-house (management) (126)

4. CONSTRUCTION START Dec 2005

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

Equipment	Procuring	Fiscal Year Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>
Furnishings	3740	FY2007	600
Communications Equipment	3740	FY2006	50

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005																																																							
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5. FREQUENCY AND TYPE UTILIZATION Daily training and command operations of the Reserve Airlift missions at Wright-Patterson Air Force Base.																																																												
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1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
87th Aerial Port Squadron	188	210
89th Airlift Squadron	100	116
356th Airlift Squadron	100	117
445th Aeromedical Evacuation Squadron	141	147
445th Aeromedical Staging Squadron	196	192
445th Aerospace Medicine Squadron	72	97
445th Aircraft Maintenance Squadron	233	227
445th Airlift Control Flight	16	8
445th Airlift Wing	47	61
445th Civil Engineering Squadron	135	181
445th Combat Logistics Support Squadron	110	129
445th Communications Flight	21	30
445th Logistics Readiness Squadron	73	94
445th Maintenance Group	15	16
445th Maintenance Operations Flight	39	34
445th Maintenance Squadron	216	220
445th Mission Support Group	6	4
445th Mission Support Flight	39	57
445th Operations Group	13	14
445th Operations Support Squadron	71	74
445th Security Forces Squadron	54	73
445th Services Flight	20	33
604th RCT Flight	4	0
OL S AFR CM	3	2
OL 1B Health Professional Recruiting Flight	3	1
Total	1,915	2,137

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141C	14	16
Converting to C-5		

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005		
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO				4. PROJECT TITLE C-5 AIRFIELD PAVEMENTS, PHASE 2			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 113-321	7. PROJECT NUMBER ZHTV 059017P2		8. PROJECT COST (\$000) 4,400		
9. COST ESTIMATE							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
C-5 AIRCRAFT PARKING APRON & TAXIWAY				SY	37,222	102	3,797
SUPPORTING FACILITIES							178
AIRFIELD LIGHTING							(178)
SUBTOTAL							3,975
CONTINGENCY (5%)							199
TOTAL CONTRACT COST							4,174
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)							238
TOTAL REQUEST							4,412
TOTAL REQUEST (ROUNDED)							4,400
EQUIPMENT FROM OTHER APPROPRIATIONS							0
<p>10. Description of Proposed Construction: Widen existing aircraft 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. The proposed project shall be designed and constructed according to current AT/FP standards.</p>							
<p>11. REQUIREMENT: 74,444 SY (Phase 1 & 2) ADEQUATE: 37,222 SY (Phase 1) SUBSTANDARD: 8,000 SY <u>PROJECT:</u> C-5 Airfield Pavements, Phase 2 <u>REQUIREMENT:</u> Per site survey conducted Feb 02, the 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 requires widening the parking area by 120 feet. This is phase two of a two-phase project. C-5 aircraft arrives FY06. <u>CURRENT SITUATION:</u> The C-5 aircraft is 73 feet longer and 63 feet wider than a C-141. Existing airfield pavements do not comply with C-5 airfield safety clearance criteria. <u>IMPACT IF NOT PROVIDED:</u> 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 airfield pavements. Pavements must be provided in order to adhere to airfield safety criteria. Aircraft and personnel safety are at risk without it. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. <u>JOINT USE CERTIFICATION:</u> 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.</p>							

1. COMPONENT AIR FORCE RESERVE	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2005																																
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11. PERSONNEL STRENGTH AS OF AUG 2004							
	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>		STRENGTH				
			<u>AUTHORIZED</u>				<u>ACTUAL</u>
	87th Aerial Port Squadron		188				210
	89th Airlift Squadron		100				116
	356th Airlift Squadron		100				117
	445th Aeromedical Evacuation Squadron		141				147
	445th Aeromedical Staging Squadron		196				192
	445th Aerospace Medicine Squadron		72				97
	445th Aircraft Maintenance Squadron		233				227
	445th Airlift Control Flight		16				8
	445th Airlift Wing		47				61
	445th Civil Engineering Squadron		135				181
	445th Combat Logistics Support Squadron		110				129
	445th Communications Flight		21				30
	445th Logistics Readiness Squadron		73				94
	445th Maintenance Group		15				16
	445th Maintenance Operations Flight		39				34
	445th Maintenance Squadron		216				220
	445th Mission Support Group		6				4
	445th Mission Support Flight		39				57
	445th Operations Group		13				14
	445th Operations Support Squadron		71				74
	445th Security Forces Squadron		54				73
	445th Services Flight		20				33
	604th RCT Flight		4				0
	OL S AFR CM		3				2
	OL 1B Health Professional Recruiting Flight		3				1
		Total	1,915				2,137
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	C-141C	14	16				
	Converting to C-5						

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5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 121-122	7. PROJECT NUMBER ZHTV 059015		8. PROJECT COST (\$000) 1,600			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER FUEL HYDRANT SYSTEMS								1,429
MOVE 8 REFUELING OUTLETS					EA	8	172,500	(1,380)
GROUNDING POINT (2 per parking space)					EA	16	1,500	(24)
PAVEMENT MARKINGS					LS			(25)
SUBTOTAL								1,429
CONTINGENCY (5%)								71
TOTAL CONTRACT COST								1,500
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)								86
TOTAL REQUEST								1,586
TOTAL REQUEST (ROUNDED)								1,600
EQUIPMENT FROM OTHER APPROPRIATIONS								0
<p>10. Description of Proposed Construction: Align existing aircraft refueling hydrant pits with new C-5 parking plan. Cut pavement at eight existing pit locations, run fuel/defuel lines to new pits, install new pits, and replace displaced pavement. The proposed project shall be designed and constructed according to current AT/FP standards.</p>								
<p>11. REQUIREMENT: 8 Pits ADEQUATE: 0 Pits SUBSTANDARD: 8 Pits <u>PROJECT:</u> Alter Refueling Hydrants <u>REQUIREMENT:</u> During the Site Activation Task Force visit for C-141 follow on mission, new requirements for aircraft parking and refueling were identified. Existing hydrant pits do not support the C-5 parking plan. Eight pits must be moved to support refueling of C-5 aircraft. C-5 aircraft arrives FY06. <u>CURRENT SITUATION:</u> Existing hydrant system does not support a C-5 parking/fueling plan. Fueling and defueling a C-5 with trucks is inefficient and the installation does not have enough trucks to support fueling C-5s. <u>IMPACT IF NOT PROVIDED:</u> 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 hydrants. Hydrants must be moved in order to provide a parking plan that adheres to airfield safety criteria. Aircraft and personnel safety are at risk without it. <u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. <u>JOINT USE CERTIFICATION:</u> These hydrants can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p>								

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1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 2005
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3. INSTALLATION AND LOCATION

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
87th Aerial Port Squadron	188	210
89th Airlift Squadron	100	116
356th Airlift Squadron	100	117
445th Aeromedical Evacuation Squadron	141	147
445th Aeromedical Staging Squadron	196	192
445th Aerospace Medicine Squadron	72	97
445th Aircraft Maintenance Squadron	233	227
445th Airlift Control Flight	16	8
445th Airlift Wing	47	61
445th Civil Engineering Squadron	135	181
445th Combat Logistics Support Squadron	110	129
445th Communications Flight	21	30
445th Logistics Readiness Squadron	73	94
445th Maintenance Group	15	16
445th Maintenance Operations Flight	39	34
445th Maintenance Squadron	216	220
445th Mission Support Group	6	4
445th Mission Support Flight	39	57
445th Operations Group	13	14
445th Operations Support Squadron	71	74
445th Security Forces Squadron	54	73
445th Services Flight	20	33
604th RCT Flight	4	0
OL S AFR CM	3	2
OL 1B Health Professional Recruiting Flight	3	1
Total	1,915	2,137

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-141C	14	16
Converting to C-5		

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005		
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO				4. PROJECT TITLE C-5 ALTER FLIGHT SIMULATOR FACILITY			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 171-212	7. PROJECT NUMBER ZHTV 059013		8. PROJECT COST (\$000) 800		
9. COST ESTIMATE							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER BUILDING 152 FOR C-5 SIMULATOR				SM	372	1,600	595
SUPPORTING FACILITIES							131
COMMUNICATIONS				LS			(12)
UTILITIES				LS			(119)
SUBTOTAL							726
CONTINGENCY (5%)							36
TOTAL CONTRACT COST							762
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)							43
TOTAL REQUEST							805
TOTAL REQUEST (ROUNDED)							800
EQUIPMENT FROM OTHER APPROPRIATIONS							0
10. Description of Proposed Construction: Alter existing C-141 simulator enclosure to support a C-5 simulator. All utilities and services will be included. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 14 Tons.							
11. REQUIREMENT: 372 SM ADEQUATE: 0 SUBSTANDARD: 372 SM PROJECT: Alter Building 152 to accommodate C-5 flight simulator. REQUIREMENT: An adequately sized enclosure is required to install a C-5 flight simulator to support the training mission of C-5 flight crews. Due to limited flying hours, a simulator is required to keep pilots current. Per site survey conducted Feb 02, the hangar that houses the existing C-141 simulator can be modified to accommodate a C-5 simulator. Simulator enclosure walls, ceiling, hydraulic pathways, and power supply will need modification for the C-5 simulator. Load bearing simulator points must be relocated in the enclosure floor to properly support simulator equipment. C-5 aircraft arrives FY06. CURRENT SITUATION: Existing simulator enclosure at Wright-Patterson AFB is structured to support C-141 flight simulator. The C-5 simulator equipment cannot be placed in the existing simulator facility unless modifications are made. Enclosure must be dismantled to remove existing simulator and place the C-5 simulator. IMPACT IF NOT PROVIDED: Funded C-5 flying hours must be augmented by simulator training hours in order to keep C-5 flight crews proficient. Limited funding, aircraft maintenance time, and weather prohibit full time use of assigned aircraft. Lack of simulator training will lead to lack of mission qualified pilots, which will lead to loss of mission capability. ADDITIONAL: POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. MODIFICATION WORK: 372 SM = 4,004 SF JOINT USE CERTIFICATION: The simulator can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.							

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3. INSTALLATION AND LOCATION

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

11. PERSONNEL STRENGTH AS OF AUG 2004

	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
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604th RCT Flight	4	0
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Total	1,915	2,137

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-141C	14	16
Converting to C-5		

1. COMPONENT AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005	
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO			4. PROJECT TITLE C-5 ALTER MAINTENANCE SHOPS			
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 211-152	7. PROJECT NUMBER ZHTV 059003		8. PROJECT COST (\$000) 800	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
MODIFY MAINTENANCE SHOPS			SM	930	630	586
SUPPORTING FACILITIES						132
COMMUNICATIONS			LS			(15)
UTILITIES			LS			(117)
SUBTOTAL						718
CONTINGENCY (5%)						36
TOTAL CONTRACT COST						754
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)						43
TOTAL REQUEST						797
TOTAL REQUEST (ROUNDED)						800
EQUIPMENT FROM OTHER APPROPRIATIONS						0
<p>10. Description of Proposed Construction: Reconfigure existing hangar 4026 office and open storage space to accommodate C-5 Electric Environmental (ELEN) shop, hydraulics shop and C-5 Dash 21 maintenance and storage. Demolition of existing non-load bearing walls and construction of reconfigured space. Materials and finishes will be in accordance with local standards. All supporting electrical and mechanical changes will be provided. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 30 Tons.</p>						
<p>11. REQUIREMENT: 930 SM ADEQUATE: 0 SUBSTANDARD: 930 SM <u>PROJECT</u>: Alter maintenance shops in building 4026 to support C-5 Maintenance. <u>REQUIREMENT</u>: Adequately sized and configured facility space for Dash 21 (which is primarily rail systems for C-5 loading processes), hydraulic and ELEN shops must be provided to carry out C-5 aircraft maintenance. Configure hangar as required for C-5 back shop maintenance to support beddown of C-5. Provide training room to accommodate additional manpower increases. C-5 aircraft arrives FY06. <u>CURRENT SITUATION</u>: Existing facilities were configured to support the C-141 aircraft and will not provide adequate space to support C-5 maintenance functions. Dash 21 equipment storage and maintenance is spread between two facilities, one of which will be demolished as part of the C-5 beddown plan. ELEN shops require multiple power services, compressed air and some areas require special cooling. Shops include control room, refrigeration repair room, generator test stand, resistive load bank room, Liquid Oxygen (LOX) and Nitrogen repair, actuator test stand room, and office space. The Hydraulic Shops current space is inadequate for the C-5 and expansion is needed. <u>IMPACT IF NOT PROVIDED</u>: ELEN, Hydraulics and Dash 21 are mission critical functions. Without adequate Dash 21 maintenance space, C-5 rail systems will not be ready to support C-5 training and transport taskings. Lack of properly sized maintenance shops will limit aircraft generation and impact mission readiness. <u>ADDITIONAL</u>: POC: Ms. Donna Young, HQ AFRC/CEPR, DSN 497-1108. MODIFY 930 SM = 10,010 SF <u>JOINT USE CERTIFICATION</u>: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force Reserve requirements.</p>						

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e. Date Design Complete - (If design-build, construction complete)	Aug 2005																																	
a. Standard or Definitive Design - Yes ___ No <u>X</u> .																																		
b. Where Design Was Most Recently Used <u>N/A</u> .																																		
a. Production of Plans and Specifications (35% design)	(<u> </u>)																																	
b. All Other Design Costs (Design-build)	(<u> </u>)																																	
c. Total	(<u>112</u>)																																	
d. Contract (A-E)	(<u>90</u>)																																	
e. In-house (management)	(<u>22</u>)																																	
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>																															
N/A																																		

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005																																																							
3. INSTALLATION AND LOCATION WRIGHT-PATTERSON AIR FORCE BASE, OHIO					4. AREA CONSTR COST INDEX 0.96																																																							
5. FREQUENCY AND TYPE UTILIZATION Daily training and command operations of the Reserve Airlift missions at Wright-Patterson Air Force Base.																																																												
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Base																																																												
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1"> <thead> <tr> <th data-bbox="191 869 326 926">CATEGORY CODE</th> <th data-bbox="483 898 667 926">PROJECT TITLE</th> <th data-bbox="862 898 948 926">SCOPE</th> <th data-bbox="1036 869 1105 926">COST (\$000)</th> <th data-bbox="1159 869 1245 926">DESIGN START</th> <th data-bbox="1321 869 1446 926">DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 926 310 953">211-111</td> <td data-bbox="358 926 716 995">C-5 Scheduled Maintenance Hangar</td> <td data-bbox="846 926 964 953">5,665 SM</td> <td data-bbox="1036 926 1122 953">15,300</td> <td data-bbox="1159 926 1245 953">Feb 04</td> <td data-bbox="1338 926 1430 953">Sep 04</td> </tr> <tr> <td data-bbox="207 995 310 1022">171-212</td> <td data-bbox="358 995 802 1022">C-5 Alter Flight Simulator Facility</td> <td data-bbox="846 995 948 1022">372 SM</td> <td data-bbox="1052 995 1089 1022">800</td> <td data-bbox="1159 995 1245 1022">Sep 04</td> <td data-bbox="1338 995 1430 1022">Aug 05</td> </tr> <tr> <td data-bbox="207 1031 310 1058">211-179</td> <td data-bbox="358 1031 753 1100">C-5 Fuel Systems Maintenance Hangar</td> <td data-bbox="846 1031 964 1058">3,266 SM</td> <td data-bbox="1036 1031 1122 1058">10,500</td> <td data-bbox="1159 1031 1245 1058">Aug 04</td> <td data-bbox="1338 1031 1430 1058">Jun 07</td> </tr> <tr> <td data-bbox="207 1100 310 1127">141-753</td> <td data-bbox="358 1100 786 1127">C-5 Squadron Operations Facility</td> <td data-bbox="846 1100 964 1127">2,845 SM</td> <td data-bbox="1052 1100 1089 1127">5,750</td> <td data-bbox="1159 1100 1245 1127">Sep 04</td> <td data-bbox="1338 1100 1430 1127">Aug 05</td> </tr> <tr> <td data-bbox="207 1136 310 1163">211-152</td> <td data-bbox="358 1136 737 1163">C-5 Alter Maintenance Shops</td> <td data-bbox="846 1136 948 1163">930 SM</td> <td data-bbox="1052 1136 1089 1163">800</td> <td data-bbox="1159 1136 1245 1163">Sep 04</td> <td data-bbox="1338 1136 1430 1163">Aug 05</td> </tr> <tr> <td data-bbox="207 1171 310 1199">113-321</td> <td data-bbox="358 1171 769 1199">C-5 Airfield Pavements, Phase 2</td> <td data-bbox="846 1171 964 1199">37,222 SY</td> <td data-bbox="1052 1171 1089 1199">4,400</td> <td data-bbox="1159 1171 1245 1199">Oct 04</td> <td data-bbox="1338 1171 1430 1199">Aug 05</td> </tr> <tr> <td data-bbox="207 1207 310 1234">121-122</td> <td data-bbox="358 1207 769 1234">C-5 Alter Fuel Hydrant Systems</td> <td data-bbox="862 1207 948 1234">8 Pits</td> <td data-bbox="1052 1207 1089 1234">1,600</td> <td data-bbox="1159 1207 1245 1234">Oct 04</td> <td data-bbox="1338 1207 1430 1234">Aug 05</td> </tr> <tr> <td data-bbox="207 1243 310 1270">171-445</td> <td data-bbox="358 1243 737 1312">C-5 Alter Facility for Reserve Training</td> <td data-bbox="846 1243 964 1270">4,217 SM</td> <td data-bbox="1052 1243 1089 1270">2,700</td> <td data-bbox="1159 1243 1245 1270">Jun 05</td> <td data-bbox="1338 1243 1430 1270">Jun 06</td> </tr> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE	211-111	C-5 Scheduled Maintenance Hangar	5,665 SM	15,300	Feb 04	Sep 04	171-212	C-5 Alter Flight Simulator Facility	372 SM	800	Sep 04	Aug 05	211-179	C-5 Fuel Systems Maintenance Hangar	3,266 SM	10,500	Aug 04	Jun 07	141-753	C-5 Squadron Operations Facility	2,845 SM	5,750	Sep 04	Aug 05	211-152	C-5 Alter Maintenance Shops	930 SM	800	Sep 04	Aug 05	113-321	C-5 Airfield Pavements, Phase 2	37,222 SY	4,400	Oct 04	Aug 05	121-122	C-5 Alter Fuel Hydrant Systems	8 Pits	1,600	Oct 04	Aug 05	171-445	C-5 Alter Facility for Reserve Training	4,217 SM	2,700	Jun 05	Jun 06
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8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION																																																												
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)																																																							
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1"> <thead> <tr> <th data-bbox="191 1583 326 1640">CATEGORY CODE</th> <th data-bbox="548 1612 732 1640">PROJECT TITLE</th> <th data-bbox="1003 1612 1089 1640">SCOPE</th> <th data-bbox="1214 1583 1284 1640">COST (\$000)</th> <th data-bbox="1386 1612 1446 1640">YEAR</th> </tr> </thead> <tbody> </tbody> </table>							CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR																																																	
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11. RPM BACKLOG AT THIS INSTALLATION (\$000): 414,153																																																												

1. COMPONENT AIR FORCE RESERVE	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 2005		
3. INSTALLATION AND LOCATION							
WRIGHT-PATTERSON AIR FORCE BASE, OHIO							
11. PERSONNEL STRENGTH AS OF AUG 2004							
	PERMANENT (Civilians, AGRs, Active)				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	408	37	336	35	1,915	276	1,639
ACTUAL	383	37	309	37	2,137	301	1,836
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				STRENGTH		
					<u>AUTHORIZED</u>		<u>ACTUAL</u>
	87th Aerial Port Squadron				188		210
	89th Airlift Squadron				100		116
	356th Airlift Squadron				100		117
	445th Aeromedical Evacuation Squadron				141		147
	445th Aeromedical Staging Squadron				196		192
	445th Aerospace Medicine Squadron				72		97
	445th Aircraft Maintenance Squadron				233		227
	445th Airlift Control Flight				16		8
	445th Airlift Wing				47		61
	445th Civil Engineering Squadron				135		181
	445th Combat Logistics Support Squadron				110		129
	445th Communications Flight				21		30
	445th Logistics Readiness Squadron				73		94
	445th Maintenance Group				15		16
	445th Maintenance Operations Flight				39		34
	445th Maintenance Squadron				216		220
	445th Mission Support Group				6		4
	445th Mission Support Flight				39		57
	445th Operations Group				13		14
	445th Operations Support Squadron				71		74
	445th Security Forces Squadron				54		73
	445th Services Flight				20		33
	604th RCT Flight				4		0
	OL S AFR CM				3		2
	OL 1B Health Professional Recruiting Flight				3		1
				Total	1,915		2,137
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>				<u>AUTHORIZED</u>		<u>ASSIGNED</u>
	C-141C				14		16
	Converting to C-5						

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2006**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE
PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$4,000,000

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 AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005			
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS				4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION				
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 010-211	7. PROJECT NUMBER AFRC 060341		8. PROJECT COST (\$000) 4,000			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION					LS			4,000
SUBTOTAL								4,000
TOTAL CONTRACT COST								4,000
TOTAL REQUEST								4,000
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 06. 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 AIR FORCE RESERVE		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEB 2005			
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS				4. PROJECT TITLE PLANNING AND DESIGN				
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 010-211	7. PROJECT NUMBER AFRC 060313		8. PROJECT COST (\$000) 3,770			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN					LS			3,770
SUBTOTAL								3,770
TOTAL CONTRACT COST								3,770
TOTAL REQUEST								3,770
10. Description of Proposed Construction:								
11. REQUIREMENT: As required. <u>PROJECT:</u> Planning and Design. (Current Mission) <u>REQUIREMENT:</u> Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission beddown projects that received no previous planning and design funds. It is essential the AFR be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities. <u>IMPACT IF NOT PROVIDED:</u> Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.								

SECTION 5

FUTURE-YEARS DEFENSE PROGRAM

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

FY	State	Base	Project	Type	Footprint	PA
07	CA	March ARB	C-17 Alter General Maintenance Hangars	New Mission	Existing	10,300
07	FL	Patrick AFB	Wing Headquarters	Current Mission	New	13,700
07	OH	Wright-Patterson AFB	C-5 Alter Facility for Reserve Training	New Mission	Existing	2,700
				Total Projects		26,700
				Planning and Design		4,822
				Unspecified MC		5,040
				Total FY07 Program		36,562
08	FL	Eglin AFB – Aux 3	Visiting Quarters	Current Mission	Existing	5,500
08	IN	Grissom ARB	Control Tower	Current Mission	New	5,400
08	MS	Keesler AFB	Aerial Port Facility	Current Mission	New	6,900
08	LA	Barksdale AFB	B-52 Fuel Cell Maintenance	Current Mission	New	11,700
08	OH	Youngstown ARS	Joint Services Lodging Facility	Current Mission	New	11,300
08	PA	Pittsburgh ARS	Visiting Quarters	Current Mission	Existing	10,500
08	WI	General Mitchell Field ARS	Airfield Fire and Rescue Station	Current Mission	New	8,300
				Total Projects		59,600
				Planning and Design		5,624
				Unspecified MC		4,536
				Total FY08 Program		69,760
09	AZ	Luke AFB	Maintenance Storage	Current Mission	New	2,300
09	FL	Homestead ARB	Add/Alter Aerial Port Facility	Current Mission	New	2,300
09	GA	Robins AFB	Band Complex	Current Mission	New	7,400
09	GA	Robins AFB	Consolidated Headquarters Admin Facility	Current Mission	Existing	7,900
09	LA	Barksdale AFB	RED HORSE Vehicle Maintenance	Current Mission	Existing	3,500
09	LA	NAS JRB New Orleans	Command Post & Comm Facility	Current Mission	Existing	4,650
09	LA	NAS JRB New Orleans	Joint Armed Forces Reserve Training	Current Mission	New	3,600
09	NJ	McGuire AFB	Civil Engineer Training Facility	Current Mission	Existing	3,800
09	OK	Tinker AFB	KC-135 Squadron Operations Facility	Current Mission	New	4,700
09	PA	Pittsburgh ARS	Wing Headquarters Facility	Current Mission	Existing	10,000
09	PA	Willow Grove ARS	Add/Alter Security Forces Facility	Current Mission	New	2,800
09	WI	General Mitchell Field ARS	Security Forces Complex	Current Mission	Existing	4,700
				Total Projects		57,650
				Planning and Design		5,707
				Unspecified MC		6,000
				Total FY09 Program		69,357

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

FY	State	Base	Project	Type	Footprint	PA
10	AL	Maxwell AFB	Aircraft Parking Ramp	Current Mission	Existing	12,800
10	AZ	Luke AFB	944th Civil Engineering Squadron Building	Current Mission	New	5,900
10	DE	Dover AFB	Wing Headquarters	Current Mission	New	3,300
10	FL	Homestead ARB	Visiting Quarters	Current Mission	New	6,900
10	GA	Dobbins ARB	Visiting Quarters	Current Mission	New	7,700
10	MA	Westover ARB	Visiting Quarters	Current Mission	New	8,900
10	NJ	McGuire AFB	Add/Alter Wing Headquarters	Current Mission	Existing	4,200
10	OH	Youngstown ARS	Joint Services Lodging Facility	Current Mission	New	11,000
10	PA	Willow Grove ARS	Add to Base Civil Engineering	Current Mission	New	4,350
Total Projects						65,050
Planning and Design						6,596
Unspecified MC						6,039
Total FY10 Program						77,685
11	CA	Beale AFB	Consolidated Training	Current Mission	New	1,750
11	CA	Travis AFB	Airlift Control Flight General Training Facility	Current Mission	New	2,400
11	CA	Travis AFB	C-17 & C-5 Squadron Operations and Aircraft Generation Squadron Facility	Current Mission	New	12,300
11	CA	Travis AFB	Communications Squadron Training Facility	Current Mission	New	2,300
11	FL	Eglin AFB – Aux 3	Repair Aprons	Current Mission	Existing	6,800
11	HI	Hickam AFB	624th Regional Support Group HQ	Current Mission	New	4,900
11	LA	NAS JRB New Orleans	Engine Run-Up	Current Mission	New	6,900
11	MN	Minneapolis-St Paul ARS	Construct Fire Training Facility	Current Mission	New	2,200
11	MS	Keesler AFB	Aeromedical Staging Squadron	Current Mission	New	2,200
11	MO	Whiteman AFB	Squadron Operations Facility	Current Mission	New	5,100
11	NJ	McGuire AFB	Airlift Control Flight Facility	Current Mission	New	2,200
11	NY	Niagara Falls ARS	Visiting Quarters	Current Mission	Existing	8,200
11	TX	NAS Ft Worth JRB	Aircraft Generation Facility	Current Mission	New	1,750
11	TX	Lackland AFB	Consolidated Maintenance Facility	Current Mission	Existing	9,200
Total Projects						68,200
Planning and Design						6,732
Unspecified MC						5,802
Total FY11 Program						80,734