

**Fiscal Year (FY) 2008/2009 Budget Estimates**

# **AIR FORCE RESERVE**



**FY 2008  
MILITARY CONSTRUCTION  
PROGRAM**

**February 2007**

**Justification Data Submitted to Congress**



**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2008**

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

**MAJOR CONSTRUCTION**

FY 2008 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			
	Aircraft Maintenance Squadron Facility	4,550	4,550	1
	Group Headquarters	10,400	10,400	5
Utah	Hill AFB			
	Wing Support Facility	<u>3,200</u>	<u>3,200</u>	9
SUBTOTAL		18,150	18,150	
TOTAL IN THE UNITED STATES		18,150	18,150	
Unspecified Minor Construction		4,909	4,909	
Planning & Design		<u>3,500</u>	<u>3,500</u>	
<b>GRAND TOTAL</b>		<b>26,559</b>	<b>26,559</b>	



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

**MAJOR CONSTRUCTION**

FY 2008 MILITARY CONSTRUCTION PROJECTS  
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

<u>LOCATION</u>	<u>PROJECT</u>	<u>COST</u>	<u>NEW, CURRENT ENVIR</u>	<u>FOOTPRINT</u>
Elmendorf AFB, AK	Aircraft Maintenance Squadron Facility	4,550	New	New
	Group Headquarters	10,400	New	New
Hill AFB, UT	Wing Support Facility	<u>3,200</u>	New	Existing

**TOTAL** **18,150**

**SUBTOTALS:**

New Mission	18,150
Current Mission	0
Environmental	0
Unspecified Minor Construction	4,909
Planning & Design	<u>3,500</u>

**FY 2008 APPROPRIATIONS TOTAL:** **26,559**





**SECTION 1**  
**SPECIAL PROGRAM CONSIDERATIONS**



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

**MAJOR CONSTRUCTION**

**FY 2008 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING**

No special program considerations in FY 2008.



**SECTION 2**

**BUDGET APPENDIX EXTRACT**



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

FY 2008 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, \$26,559,000 to remain available until September 30, 2012.





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

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long-term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the project's DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

### Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

### Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

### Congressional Reporting Requirements

Page iii, titled "New/Current Mission, Environmental List," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) S.Rept 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**



<b>1. COMPONENT</b> AIR FORCE RESERVE		<b>FY 2008 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b>  JAN 2007			
<b>3. INSTALLATION AND LOCATION</b>  ELMENDORF AIR FORCE BASE, ALASKA				<b>4. PROJECT TITLE</b> AIRCRAFT MAINTENANCE SQUADRON FACILITY				
<b>5. PROGRAM ELEMENT</b>  55396F		<b>6. CATEGORY CODE</b>  211-154	<b>7. PROJECT NUMBER</b>  FXSB 089003		<b>8. PROJECT COST (\$000)</b>  4,550			
<b>9. COST ESTIMATE</b>								
<b>ITEM</b>					<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
AIRCRAFT MAINTENANCE SQUADRON					SM	866	3,546	3,071
ANTITERRORISM/FORCE PROTECTION					LS	-	-	30
SUPPORTING FACILITIES								987
COMMUNICATIONS					LS	-	-	(55)
UTILITIES/PAVEMENTS/SITE IMPROVEMENTS					LS	-	-	(932)
SUBTOTAL								4,088
CONTINGENCY (5%)								204
TOTAL CONTRACT COST								4,292
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)								245
TOTAL REQUEST								4,537
TOTAL REQUEST (ROUNDED)								4,550
EQUIPMENT FROM OTHER APPROPRIATIONS								222
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Construct two-story facility for Associate AMXS, and mobility &amp; deployable weapon storage. Scope includes site development, utilities, parking, concrete foundation, load bearing masonry walls, steel supports, steel interior columns, joists and reinforced concrete second floor slab. Floor plans include administration and command suites, storage, training, emergency power and a masonry exterior with distinctive complementary features. Force protection includes reinforced exterior walls and fully laminated windows. This facility shall be designed and constructed in accordance with AT/FP standards. Air Conditioning: 30 Tons</p>								
<p><b>11. REQUIREMENT:</b> 866 SM                      ADEQUATE: 0 SM                      SUBSTANDARD: 0 SM</p> <p><b>PROJECT:</b> AIRCRAFT MAINTENANCE SQUADRON (AMXS) FACILITY</p> <p><b>REQUIREMENT:</b> Adequately sized and functionally configured to satisfy all training requirements, storage and administrative requirements of the unit.</p> <p><b>CURRENT SITUATION:</b> A Reserve Associate AMXS Facility is required for beddown of an F-22A Reserve Associate to the Active Duty. The AMXS will provide facility space for leadership and administrative support for the associate maintenance program. This project is to meet new mission beddown requirements. The facility construction will be late-to-need since the aircraft begin to arrive in early FY 2008.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The unit will not have adequate AMXS facilities upon relocation which will negatively impact their ability to fully augment the active force under activation condition, degrading expected long-term economies and savings resulting from Association.</p> <p><b>ADDITIONAL:</b> POC: Ms. Donna Young, HQ AFRC/A7PR, DSN 497-1108. This facility project is a candidate for Comprehensive Interior Design (CID). Equipment from other appropriations: \$222K for furnishings. New Work: 866 SM = 9,322 SF. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements. The facility is collocated with active duty facilities and will be built to minimize costs and to best facilitate co-utilization of training and operational capabilities.</p> <p><b>JOINT USE CERTIFICATION:</b> 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 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JAN 2007								
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA										
4. PROJECT TITLE  AIRCRAFT MAINTENANCE SQUADRON FACILITY	5. PROJECT NUMBER  FXSB 089003									
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. DESIGN DATA (Estimated)</p> <p>1. STATUS</p> <p>a. Date Design Started <span style="float: right;">Aug 2006</span></p> <p>b. Parametric estimates have been used to develop project cost.</p> <p>c. Percentage Complete as of January 1, 2007 <span style="float: right;">35%</span></p> <p>d. Date Design 35% Complete <span style="float: right;">Jan 2007</span></p> <p>e. Date Design Complete - (If design-build, construction complete) <span style="float: right;">Sep 2007</span></p> <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 <span style="float: right;">(\$000)</span></p> <p>a. Production of Plans and Specifications (35% design) <span style="float: right;">( ___ )</span></p> <p>b. All Other Design Costs (Design-build) <span style="float: right;">( ___ )</span></p> <p>c. Total <span style="float: right;">( <u>410</u> )</span></p> <p>d. Contract (A-E) <span style="float: right;">( <u>325</u> )</span></p> <p>e. In-house (management) <span style="float: right;">( <u>85</u> )</span></p> <p>4. CONSTRUCTION START <span style="float: right;">Apr 2008</span></p> <p>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: center;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: right;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Systems Furniture</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">FY 2009</td> <td style="text-align: right;">222</td> </tr> </tbody> </table>			<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	FY 2009	222
<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	FY 2009	222							

1. COMPONENT AIR FORCE RESERVE	<b>FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  JAN 2007																		
3. INSTALLATION AND LOCATION  ELMENDORF AIR FORCE BASE, ALASKA				4. AREA CONSTR COST INDEX 1.90																			
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 3 Army National Guard Armories, 3 Army Reserve Training Centers, 1 Air National Guard Installation and 1 Army Installation																							
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="1" data-bbox="186 856 1485 1039"> <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>211-154</td> <td>Aircraft Maintenance Squadron Facility</td> <td>866 SM</td> <td>4,550</td> <td>Aug 2006</td> <td>Sep 2007</td> </tr> <tr> <td>171-445</td> <td>Group Headquarters</td> <td>2,481 SM</td> <td>10,400</td> <td>Aug 2006</td> <td>Sep 2007</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>	211-154	Aircraft Maintenance Squadron Facility	866 SM	4,550	Aug 2006	Sep 2007	171-445	Group Headquarters	2,481 SM	10,400	Aug 2006	Sep 2007
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211-154	Aircraft Maintenance Squadron Facility	866 SM	4,550	Aug 2006	Sep 2007																		
171-445	Group Headquarters	2,481 SM	10,400	Aug 2006	Sep 2007																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION																							
9. LAND ACQUISITION REQUIRED				<u>NONE</u> <i>(Number of Acres)</i>																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="1" data-bbox="186 1444 1485 1543"> <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>YEAR</u></th> </tr> </thead> <tbody> <tr> <td>141-753</td> <td>Reserve Squadron Operations Facility</td> <td>608 SM</td> <td>3,100</td> <td>FY 2010</td> </tr> </tbody> </table>						<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	141-753	Reserve Squadron Operations Facility	608 SM	3,100	FY 2010								
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>																			
141-753	Reserve Squadron Operations Facility	608 SM	3,100	FY 2010																			
11. RPM BACKLOG AT THIS INSTALLATION (\$000): \$751																							

1. COMPONENT AIR FORCE RESERVE	<b>FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  JAN 2007
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3. INSTALLATION AND LOCATION  
  
ELMENDORF AIR FORCE BASE, ALASKA

11. PERSONNEL STRENGTH AS OF JAN 2007

	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	55	2	53
ACTUAL	3	0	4	0	47	3	44

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
604th Reserve Recruiting Flight	0	0
804th Civil Engineer Squadron	55	47
Total	55	47

13. MAJOR EQUIPMENT AND AIRCRAFT

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



1. COMPONENT AIR FORCE RESERVE		FY 2008 MILITARY CONSTRUCTION PROJECT DATA			2. DATE JAN 2007	
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA				4. PROJECT TITLE GROUP HEADQUARTERS		
5. PROGRAM ELEMENT 55396F		6. CATEGORY CODE 171-445	7. PROJECT NUMBER FXSB 099001		8. PROJECT COST (\$000) 10,400	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
GROUP HEADQUARTERS		SM	2,481	2,992	7,423	
ANTITERRORISM/FORCE PROTECTION		LS	-	-	74	
SUPPORTING FACILITIES					1823	
COMMUNICATIONS		LS	-	-	(174)	
UTILITIES/PAVEMENTS/SITE IMPROVEMENTS		LS	-	-	(1,649)	
SUBTOTAL					9,320	
CONTINGENCY (5%)					466	
TOTAL CONTRACT COST					9,786	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					558	
TOTAL REQUEST					10,344	
TOTAL REQUEST (ROUNDED)					10,400	
EQUIPMENT FROM OTHER APPROPRIATIONS					679	
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a two story structure with reinforced concrete foundation and floor slabs, masonry walls, structural steel frame and standing seam metal roof. Includes utilities, parking, road access, site preparation, communications pre-wiring, seismic design and construction requirements, and incorporates sustainable development requirements. This facility shall be designed and constructed in accordance with AT/FP standards. Air Conditioning: 90 Tons.						
11. REQUIREMENT: 2,481 SM                      ADEQUATE: 0 SM                      SUBSTANDARD: 2,481 SM						
<u>PROJECT:</u> Group Headquarters Facility						
<u>REQUIREMENT:</u> Adequately sized and functionally configured to satisfy all training requirements, storage, wartime readiness training and administrative requirements of the unit.						
<u>CURRENT SITUATION:</u> A Reserve Group Training Facility is required for beddown of an F-22 Reserve Associate to the Active Duty. The Group will provide administrative support and leadership for the associate pilot and maintenance programs. This project is to meet new mission beddown requirements. The facility construction will be late-to-need since the aircraft begin to arrive in early FY 2008. The Elmendorf Wing Commander is allowing AFRC to temporarily utilize a condemned facility until the MILCON project is completed. The condemned facility is scheduled for demolition, has asbestos and lead-based paint, and needs other repairs to bring the facility up to AF standards that are not possible within established economic limits.						
<u>IMPACT IF NOT PROVIDED:</u> The unit will not have adequate facilities upon relocation, which will negatively impact their ability to fully augment the active force under activation conditions. Reserve component will be unable to provide appropriate command, control and support of the Reserve associate aircrews and maintenance personnel assigned to the installation.						
<u>ADDITIONAL:</u> POC: Ms. Donna Young, HQ AFRC/A7PR, DSN 497-1108. This facility project is a candidate for Comprehensive Interior Design (CID). Equipment from other appropriations: \$679K for furnishings. New Work: 2,481 SM = 26,705 SF. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements. The facility is collocated with active duty facilities and will be built to minimize costs and to best facilitate co-utilization of training and operational capabilities.						
<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 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JAN 2007
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3. INSTALLATION AND LOCATION  
ELMENDORF AIR FORCE BASE, ALASKA

4. PROJECT TITLE  GROUP HEADQUARTERS	5. PROJECT NUMBER  FXSB 099001
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12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

- a. Date Design Started Aug 2006
- b. Parametric estimates have been used to develop project cost.
- c. Percentage Complete as of January 1, 2007 35%
- d. Date Design 35% Complete Jan 2007
- e. Date Design Complete - (If design-build, construction complete) Sep 2007

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 ( 936 )
- d. Contract (A-E) ( 725 )
- e. In-house (management) ( 211 )

4. CONSTRUCTION START Apr 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Systems Furniture	3740	FY 2009	679

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1. COMPONENT AIR FORCE RESERVE	<b>FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  JAN 2007
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3. INSTALLATION AND LOCATION

ELMENDORF AIR FORCE BASE, ALASKA

11. PERSONNEL STRENGTH AS OF JAN 2007

	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	55	2	53
ACTUAL	3	0	4	0	47	3	44

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
604th Reserve Recruiting Flight	0	0
804th Civil Engineer Squadron	55	47
Total	55	47

13. MAJOR EQUIPMENT AND AIRCRAFT

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

<b>1. COMPONENT</b> AIR FORCE RESERVE		<b>FY 2008 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b>  JAN 2007			
<b>3. INSTALLATION AND LOCATION</b>  HILL AIR FORCE BASE, UTAH				<b>4. PROJECT TITLE</b>  WING SUPPORT FACILITY				
<b>5. PROGRAM ELEMENT</b>  55396F		<b>6. CATEGORY CODE</b>  211-111	<b>7. PROJECT NUMBER</b>  KRSM 089001		<b>8. PROJECT COST (\$000)</b>  3,200			
<b>9. COST ESTIMATE</b>								
<b>ITEM</b>					<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
ADD TO WING SUPPORT FACILITY					SM	500	2,169	1,085
ALTER EXISTING WING SUPPORT FACILITY					SM	1,486	922	1,370
ANTITERRORISM/FORCE PROTECTION					LS	-	-	25
SUPPORTING FACILITIES								422
COMMUNICATIONS					LS	-	-	(75)
UTILITIES/PAVEMENTS/SITE WORK					LS	-	-	(347)
SUBTOTAL								2,902
CONTINGENCY (5%)								145
TOTAL CONTRACT COST								3,047
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)								174
TOTAL REQUEST								3,221
TOTAL REQUEST (ROUNDED)								3,200
EQUIPMENT FROM OTHER APPROPRIATIONS								215
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Construct a masonry veneer steel frame addition to Building 119 for Reserve Wing HQ support personnel. Structure to have reinforced concrete foundation and floors, standing seam metal roof and landscaping to match existing facility. All supporting utilities and site work and pavements will be included. The proposed project shall be designed and constructed according to current AT/FP standards. Air Conditioning: 18 Tons.</p>								
<b>11. REQUIREMENT:</b> 1,986 SM			<b>ADEQUATE:</b> 0 SM			<b>SUBSTANDARD:</b> 1,486 SM		
<b>PROJECT:</b> Wing Support Facility								
<p><b>REQUIREMENT:</b> Adequately sized and functionally configured space for reserve wing support functions including military personnel flight, family readiness and civilian personnel.</p> <p><b>CURRENT SITUATION:</b> The Chief of Staff United States Air Force letter, Initial Total Force Integration Plan - Phase II, dated 27 Feb 06 states to accomplish the following at Hill AFB, UT: "Continue CSAF initiative for a Classic Associate Unit with AFRC on 72 F-16s at Hill AFB." During a site survey on 27- 30 Sep 05, ACC and AFRC validated requirements for the total beddown. At Hill, the active duty and reserve units are geographically separated. The CONOPs states to co-locate the wings to gain the most efficiencies and cost savings. This requirement is necessary to move key AFRC personnel into the area of operation to ensure that mission training can occur effectively during Unit Training Assembly (UTA) weekends.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The active duty and reserve personnel will not be co-located. No personnel savings can be realized and the synergy that is created by co-location will be reduced. More time on UTA weekends will be used towards transportation of personnel then for preparing the warrior for the fight.</p> <p><b>ADDITIONAL:</b> POC: Ms. Donna Young, HQ AFRC/A7PR DSN 497-1108. Equipment from other appropriations: \$215K for furnishings. New Work: 500 SM = 5,382 SF. Renovation: 1,486 SM = 15,995 SF. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements.</p> <p><b>JOINT USE CERTIFICATION:</b> 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 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JAN 2007												
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH														
4. PROJECT TITLE  WING SUPPORT FACILITY	5. PROJECT NUMBER  KRSM 089001													
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. DESIGN DATA (Estimated)</p> <p>1. STATUS</p> <p>a. Date Design Started <span style="float: right;">Aug 2006</span></p> <p>b. Parametric estimates have been used to develop project cost.</p> <p>c. Percentage Complete as of January 1, 2007 <span style="float: right;">35%</span></p> <p>d. Date Design 35% Complete <span style="float: right;">Jan 2007</span></p> <p>e. Date Design Complete - (If design-build, construction complete) <span style="float: right;">Jun 2007</span></p> <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 <span style="float: right;">(\$000)</span></p> <p>a. Production of Plans and Specifications (35% design) <span style="float: right;">( ___ )</span></p> <p>b. All Other Design Costs (Design-build) <span style="float: right;">( ___ )</span></p> <p>c. Total <span style="float: right;">( <u>288</u> )</span></p> <p>d. Contract (A-E) <span style="float: right;">( <u>250</u> )</span></p> <p>e. In-house (management) <span style="float: right;">( <u>38</u> )</span></p> <p>4. CONSTRUCTION START <span style="float: right;">Feb 2008</span></p> <p>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>Fiscal Year</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Systems Furniture</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">FY 2009</td> <td style="text-align: center;">215</td> </tr> </tbody> </table>			<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>	<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>	Systems Furniture	3740	FY 2009	215
<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>											
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>											
Systems Furniture	3740	FY 2009	215											

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2008 GUARD AND RESERVE          MILITARY CONSTRUCTION</b>	<b>2. DATE</b>  JAN 2007												
<b>3. INSTALLATION AND LOCATION</b>  HILL AIR FORCE BASE, UTAH		<b>4. AREA CONSTR          COST INDEX</b>  1.03												
<b>5. FREQUENCY AND TYPE UTILIZATION</b> One unit training assembly per month, 15 days annual field training per year, daily use by technician/AGR force and for training.														
<b>6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS</b> 1 Army Reserve Center, 1 Air National Guard Base, 1 Army National Guard Center														
<b>7. PROJECTS REQUESTED IN THIS PROGRAM</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>DESIGN START</u></th> <th style="text-align: left;"><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>211-111</td> <td>Wing Support Facility</td> <td>1,986 SM</td> <td>3,200</td> <td>Aug 2006</td> <td>Jun 2007</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>	211-111	Wing Support Facility	1,986 SM	3,200	Aug 2006	Jun 2007
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>									
211-111	Wing Support Facility	1,986 SM	3,200	Aug 2006	Jun 2007									
<b>8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION</b>  Approved for unilateral construction														
<b>9. LAND ACQUISITION REQUIRED</b>  <div style="text-align: right;"><u>NONE</u> (Number of Acres)</div>														
<b>10. PROJECTS PLANNED IN NEXT FOUR YEARS</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td>171-443</td> <td>Reserve Training Complex</td> <td>2,787 SM</td> <td>6,700</td> <td>FY 2012</td> </tr> </tbody> </table>			<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>	171-443	Reserve Training Complex	2,787 SM	6,700	FY 2012		
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>YEAR</u>										
171-443	Reserve Training Complex	2,787 SM	6,700	FY 2012										
<b>RPM BACKLOG AT THIS INSTALLATION (\$000):</b> \$2,235														

1. COMPONENT AIR FORCE RESERVE	FY 2008 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE  JAN 2007
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3. INSTALLATION AND LOCATION  
  
HILL AIR FORCE BASE, UTAH

11. PERSONNEL STRENGTH AS OF JAN 2007

	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	297	32	241	24	1127	116	1011
ACTUAL	285	34	227	24	989	94	895

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
67th Aerial Port Squadron	162	164
419th Aircraft Maintenance Squadron	178	119
419th Civil Engineer Squadron	95	98
419th Communications Squadron	48	46
419th Fighter Wing	41	32
419th Logistics Readiness Squadron	64	78
419th Maintenance Group	17	10
419th Maintenance Squadron	203	176
419th Medical Squadron	103	105
419th Mission Support Flight	34	20
419th Mission Support Group	7	2
419th Maintenance Operations Flight	29	16
419th Operations Group	7	3
419th Operations Support Flight	13	10
419th Security Forces Squadron	51	60
419th Services Flight	11	12
466th Fighter Squadron	54	33
514th Flight Test Squadron	10	5
Total	1127	989

13. MAJOR EQUIPMENT AND AIRCRAFT

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



**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE  
MILITARY CONSTRUCTION PROGRAM  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2008**

**APPROPRIATION:** MILITARY CONSTRUCTION, AIR FORCE RESERVE  
PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$4,909,000

**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 2008 MILITARY CONSTRUCTION PROJECT DATA			2. DATE JAN 2007	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 010-211	7. PROJECT NUMBER PAYZ 080341	8. PROJECT COST (\$000) 4,909		
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
UNSPECIFIED MINOR CONSTRUCTION		LS	-	-	4,909
SUBTOTAL					4,909
TOTAL CONTRACT COST					4,909
TOTAL REQUEST					4,909
10. Description of Proposed Construction:					
<p>11. REQUIREMENT: As required.</p> <p><u>PROJECT</u>: Unspecified Minor Construction</p> <p><u>REQUIREMENT</u>: This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$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 2008.</p> <p><u>IMPACT IF NOT PROVIDED</u>: 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.</p>					



## **SECTION 4**

### **PLANNING AND DESIGN**



1. COMPONENT AIR FORCE RESERVE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA			2. DATE JAN 2007	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 010-211	7. PROJECT NUMBER PAYZ 080313	8. PROJECT COST (\$000) 3,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN		LS	-	-	3,500
SUBTOTAL					3,500
TOTAL CONTRACT COST					3,500
TOTAL REQUEST					3,500
10. Description of Proposed Construction:					
11. REQUIREMENT: As required.					
<u>PROJECT:</u> Planning and Design.					
<u>REQUIREMENT:</u> Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission 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)**

<b>FY</b>	<b>State</b>	<b>Base</b>	<b>Project</b>	<b>Type</b>	<b>Footprint</b>	<b>PA</b>
2009	CO	Schriever AFB	Wing Headquarters Facility	New Mission	New	8,800
2009	OK	Tinker AFB	AFR Scheduled Maintenance Hangar	New Mission	New	9,900
				Total Projects		18,700
				Planning and Design		4,000
				Unspecified MC		5,521
				Total FY 2009 Program		28,221
2010	AK	Elmendorf AFB	Reserve Squadron Operations Facility	New Mission	New	3,100
2010	FL	Patrick AFB	920 <sup>th</sup> Rescue Wing Support and Training Facility	Current Mission	New	12,150
2010	GA	Robins AFB	AFR Band Complex	Current Mission	New	7,650
2010	IN	Grissom ARB	Power Check Pad	Current Mission	New	1,700
2010	PA	Pittsburgh ARS	Reserve Lodging Facility	Current Mission	Existing	8,800
				Total Projects		33,400
				Planning and Design		2,928
				Unspecified MC		5,495
				Total FY 2010 Program		41,823
2011	CA	March ARB	Joint Deployment Processing	Current Mission	New	10,300
2011	FL	Patrick AFB	Maintenance Workshop Complex	Current Mission	New	8,700
2011	LA	Barksdale AFB	B-52 Fuel Cell Maintenance	Current Mission	New	12,100
				Total Projects		31,100
				Planning and Design		2,683
				Unspecified MC		5,506
				Total FY 2011 Program		39,289
2012	FL	Patrick AFB	Corrosion Control	Current Mission	Existing	10,000
2012	UT	Hill AFB	Reserve Training Complex	Current Mission	New	7,300
				Total Projects		17,300
				Planning and Design		3,059
				Unspecified MC		6,000
				Total FY 2012 Program		26,359
2013	CA	Travis AFB	C-17 & C-5 Squadron Operations and AGS Training	Current Mission	New	13,500
2013	DE	Dover AFB	Wing Headquarters	Current Mission	New	2,600
2013	MS	Keesler AFB	Aerial Port Training	Current Mission	New	9,200
				Total Projects		25,300
				Planning and Design		2,431
				Unspecified MC		4,064
				Total FY 2013 Program		31,795



