

**UNITED STATES**  
**AIR FORCE RESERVE**





**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (2) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Construct Visitor Quarters – Phase 2 of 4 - Homestead Air Reserve Base

**DESCRIPTION:**

Construct new facility for Visitor Quarters. Facility will provide 63 additional billeting rooms with a 3-story building. Quarters will be constructed with CMU walls, stucco veneer, and a standing seam metal roof. New construction will meet AF Force Protection standards and shall comply with AF Visiting Quarters Design Guide.

(KYJM 01-9043 - \$11,000,000)

**ALTERNATES:**

Billeting is required to support peace-time training of reserve aircrews and is essential to mission support of the 482<sup>nd</sup> Fighter Wing. There is a current billeting deficit totaling 252 rooms. The on-base Lodging requirement is for 509 rooms versus the existing capacity of only 257 rooms. Construction of this new 63-room facility is the second of four proposed VQ facilities. Local off-base billeting availability cannot meet the lodging capacity required for mission support. This requires mission planning of UTC weekends around community events in order to ensure all military will be provided with billeting.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Reservist personnel readiness and training will be compromised by the lack of available billeting, forcing the continued scheduling of UTA weekends around billeting availability. Housing troop's off-base causes greatly increased expenditure of scarce Air Force resources. The current situation adversely affects recruitment and retention of reservist personnel.

**COORDINATING NOTES:**

No other component has requirement at this time.

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

31 JAN 02	30 JAN 03	29 JAN 04
27 JAN 05	26 JAN 06	25 JAN 07
31 JAN 08	29 JAN 09	28 JAN 10
27 JAN 11	26 JAN 12	

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (3) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Construct Visitor Quarters – Phase 3 of 4 - Homestead Air Reserve Base

**DESCRIPTION:**

Construct new facility for Visitor Quarters. Facility will provide 63 additional billeting rooms with a 3-story building. Quarters will be constructed with CMU walls, stucco veneer, and a standing seam metal roof. New construction will meet AF Force Protection standards and shall comply with AF Visiting Quarters Design Guide.

(KYJM 01-9044 - \$11,000,000)

**ALTERNATES:**

Billeting is required to support peace-time training of reserve aircrews and is essential to mission support of the 482<sup>nd</sup> Fighter Wing. There is a current billeting deficit totaling 252 rooms. The on-base Lodging requirement is for 509 rooms versus the existing capacity of only 257 rooms. Construction of this new 63-room facility is the third of four proposed VQ facilities. Local off-base billeting availability cannot meet the lodging capacity required for mission support. This requires mission planning of UTC weekends around community events in order to ensure all military will be provided with billeting.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Reservist personnel readiness and training will be compromised by the lack of available billeting, forcing the continued scheduling of UTA weekends around billeting availability. Housing troop's off-base causes greatly increased expenditure of scarce Air Force resources. The current situation adversely affects recruitment and retention of reservist personnel.

**COORDINATING NOTES:**

No other component has requirement at this time.

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

31 JAN 02	30 JAN 03	29 JAN 04
27 JAN 05	26 JAN 06	25 JAN 07
31 JAN 08	29 JAN 09	28 JAN 10
27 JAN 11	26 JAN 12	

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (4) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Construct Visitor Quarters – Phase 4 of 4 - Homestead Air Reserve Base

**DESCRIPTION:**

Construct new facility for Visitor Quarters. Facility will provide 63 additional billeting rooms with a 3-story building. Quarters will be constructed with CMU walls, stucco veneer, and a standing seam metal roof. New construction will meet AF Force Protection standards and shall comply with AF Visiting Quarters Design Guide.

(KYJM 01-9045 - \$11,000,000)

**ALTERNATES:**

Billeting is required to support peace-time training of reserve aircrews and is essential to mission support of the 482<sup>nd</sup> Fighter Wing. There is a current billeting deficit totaling 252 rooms. The on-base Lodging requirement is for 509 rooms versus the existing capacity of only 257 rooms. Construction of this new 63-room facility is the fourth of four proposed VQ facilities. Local off-base billeting availability cannot meet the lodging capacity required for mission support. This requires mission planning of UTC weekends around community events in order to ensure all military will be provided with billeting.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Reservist personnel readiness and training will be compromised by the lack of available billeting, forcing the continued scheduling of UTA weekends around billeting availability. Housing troop's off-base causes greatly increased expenditure of scarce Air Force resources. The current situation adversely affects recruitment and retention of reservist personnel.

**COORDINATING NOTES:**

No other component has requirement at this time.

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

31 JAN 02	30 JAN 03	29 JAN 04
27 JAN 05	26 JAN 06	25 JAN 07
31 JAN 08	29 JAN 09	28 JAN 10
27 JAN 11	26 JAN 12	

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (5) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Add Simulator Bays, B 596 [ P-341 ]

**DESCRIPTION:**

New simulator bay for four (4) F-16 flight simulators. Cost is based on one story addition to building 596 and includes expansion of the associated secure vault to JFAN standards. One K span with a floor area of 465 SM [5000 SF] will be demolished as part of this project. This facility shall be designed and constructed in accordance with current force protection standards. The project will provide power, HVAC and required communications. This project shall be able to receive a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Silver.

( KYJM 10-9031B, \$1,445,000 )

**ALTERNATES:**

Provides a state-of-the-art facility for four F-16 simulators. Homestead ARB currently has an undersized, inefficient, and improperly configured F-16 simulator that is located in building 596. Due to a lack of adequate, secure, JFAN compliant F-16 simulator space, 482FW pilots must use additional flying hours to maintain combat proficiency. These additional flying hours result in excessive maintenance, personnel, equipment, and fuel costs which are not sustainable within the increasingly constrained operating budget environment. All known alternative options were considered during project development. No other options meet the mission requirements. This project is a candidate for Comprehensive Interior Design. Equipment from other appropriations = \$50K for furniture. Simulators will be provided and installed after the facility is constructed. 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.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

482FW pilots will be forced to continue using additional flying hours and imposing elevated operating costs and wear/tear upon assigned aircraft. Such costs are unsustainable and ultimately will adversely impact the ability to maintain pilot wartime proficiency. Should annual flying hours be reduced by the Air Force, the lack of modern F-16 simulators will negatively impact pilot combat skills. Availability of additional F-16 simulator capacity will greatly enhance pilot training proficiency and serve to greatly reduce wing flight operations costs once this project is completed.

**COORDINATING NOTES:**

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (6) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Entry Control Complex - Homestead Air Reserve Base

**DESCRIPTION:**

Construct new Entry Control Complex to comply with UFC-4-022-01. Complex shall include a Main Gate House, Commercial Vehicle Inspection Facility, Pass and ID Facility, pavements, security cabling, vehicle barrier systems, landscaping, and base entrance static display.

(KYJM 07-9014 - \$9,800,000)

FYDP 15/16 #4 Priority

**ALTERNATES:**

Provides a state of the art entry control system for Homestead ARB. Project will enable HARB to meet current entry control and anti-terrorism/force protection standards. Project will alleviate problems associated with previous closure of the main (Coral Sea) gate due to AT/FP concerns.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

The existing main (Coral Sea) gate was closed due to AT/FP concerns. HARB currently uses the Westover (former commercial gate) as the main entry. The Westover gate does not meet current entry control and AT/FP standards and was not designed for the current density of traffic during high use periods. At the present time, personnel must access the Westover Gate before they can visit Pass and ID which is located in the vicinity of the closed Coral Sea gate. This poses security risks for HARB that require additional Security Forces man hours to mitigate. Will DEMO old entry gate.

**COORDINATING NOTES:**

No other component has requirement at this time. This is 30% Joint, but no funds obligated.

**DATE OF JSRCFB ACTIONS**

<b>VALIDATED:</b>	<b>YEA</b>	<u>  X  </u>	<b>NAY</b>	_____	25 JAN 07	31 JAN 08	29 JAN 09
<b>REVALIDATED:</b>	<b>YEA</b>	<u>  X  </u>	<b>NAY</b>	_____	28 JAN 10	27 JAN 11	26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (7) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Aerial Port Squadron (APS) Facility - Homestead Air Reserve Base

**DESCRIPTION:**

Construct a new, two stories, 19,064 square foot, Aerial Port Squadron (APS) Facility that complies with base architectural standards, the Florida Building Code, and current anti-terrorism/force protection standards. The facility will provide adequate office/administration and work space for the current 70<sup>th</sup> APS manning of 187 personnel. In addition, various Wing deployment functions/activities will be incorporated into the building plan. The facility will be located along the flight line to enhance 70<sup>th</sup> APS operations.

(KYJM 01-9004 - \$6,704,000)

**ALTERNATES:**

Squadron functions addressed through this project include adequate training classroom space, cargo, ramp, and special handling areas to administer moving freight/personnel through Homestead, and providing locker room/shower facilities for contingency operations. A modern, adequately sized and configured Aerial Port Squadron is essential for providing service to base customer and transient aircraft.

**RECOMMENDED:** (  ) **UNILATERAL** or (  ) **JOINT CONSTRUCTION**

**RATIONALE:**

The existing Aerial Port Squadron facility was constructed in 1989 and sized for a squadron of a maximum 123 personnel. Due to reorganization mandated requirements, two squadrons were merged into one single squadron of 187+ personnel. The squadron must train as a unit, placing a great strain on the whole facility, creating limitations on the squadron's ability to train effectively and perform the mission. The expansion of building 588 was considered. However, due to antiterrorism/force protection requirement, the only option for expansion would be the addition of a second story. In addition, since the addition would cost more than 50% of the existing replacement cost for building 588, building 588 would require total renovation to meet existing standards. COE technical review concluded that a new facility would be more economical.

**COORDINATING NOTES:** 10% Concept Design Completion

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

25 JAN 01	31 JAN 02	30 JAN 03
29 JAN 04	27 JAN 05	26 JAN 06
25 JAN 07	31 JAN 08	29 JAN 09
28 JAN 10	27 JAN 11	26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (8) Homestead Air Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Runway Clear Zone Acquisition

**DESCRIPTION:**

The Clear Zone and Fee land acquisition of 17.65 acres +/- (fee) and 85.11 acres +/- (easement) located generally at the Northeast and Southwest ends of the runway. Of the 21 land parcels, 15 parcels have private ownership and 5 are under State of Florida Water Management District ownership. UFC 3-260-01, requires that airfield clear zones contain no obstructions to airfield field operations. Complete and secure Clear Zone zones (3,000' x 3000') from additional encroachment as defined in the Air Installation Compatible Use Zone (AICUZ) study dated October 2007. The fee and easement land acquisitions would remedy deficient findings documented in the Air Traffic System Evaluation Program Report (ATSEP), dated April 2003.

( KYJM 10-9043, \$12,000,000 )

**ALTERNATES:**

Homestead Air Reserve Base (HARB) maintains a Class B runway (300' X 11,200 LF) and a large aircraft parking ramps that can accommodate various aircraft size and types. HARB has an obsolete short approach lighting system that requires extensive repair on Runway 23 end. HARB currently maintains all military canals adjacent to the base boundary. HARB would not be able to ensure the operational integrity of the military runway, if the Air Force Reserve Command (AFRC) does not acquire the remaining private land in the CZ areas. Second, HARB could not maintain environmental obligations and storm water conveyance system and limit air space obstructions. Third, would not be able to extend the approach lighting system at Runway 23 end, continuing non-compliance with UFC 3-260-01.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Existing 482FW and tenant unit missions demand an AF-owned runway Clear Zone properties to better ensure that landowners along the installation boundary off the runway ends do not in any way constrain vital flying operations in the future. Rapid development along the majority of the installation boundary in recent years could potentially jeopardize current and planned future installation missions if allowed to propagate in an uncontrolled manner .

**COORDINATING NOTES:**

**DATE OF JSRCFB ACTIONS**

**VALIDATED:** YEA  X  NAY \_\_\_\_\_  
**REVALIDATED:** YEA  X  NAY \_\_\_\_\_

26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (9) Homestead Air Force Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Wing Mobility Storage Facility - Homestead Air Reserve Base

**DESCRIPTION:**

Construct a 20,000 SF mobility storage warehouse to include a reinforced concrete foundation and slab eight inches above-grade, concrete block exterior walls with a brick veneer; a sloped metal roof with gutters, downspouts and lightning protection; mechanical, electrical, fire alarm and plumbing systems; as well as connections to existing utilities. The HVAC system includes an electric heat and an electric drive condenser for cooling. The storage area will be a conditioned space. The facility will also include telephone, fire alarm and local area network support work. This project includes an ADA compliant bathroom, administrative office area and mechanical room. The office floors shall be vinyl composition tile, ceramic tile in the bathroom; the walls shall be painted; the office area will have a suspended ceiling. The warehouse concrete floor shall have an epoxy coating topcoat. The facility shall be sited IAW UFC 4-010-01.

**There will be increase in SQ FT.**  
(KYJM 06-9029 - \$4,510,000)

**ALTERNATES:**

Project will provide consolidated, secure, weatherproof and environmentally controlled storage for Wing mobility equipment. Degradation of the mobility assets will continue to worsen which will adversely impact the overall wartime readiness of the unit.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Currently, the Wing does not have secure, centralized and environmentally controlled storage space for its assigned mobility equipment. There are agreements to store items in various places around the base. Much of our allocated storage is not environmentally controlled causing damage to high value equipment, Cadillac Bins, palletizing material degradation, cargo netting wear, tear & rust.

**COORDINATING NOTES:**

No other component has requirement at this time.

		DATE OF JSRCFB ACTIONS		
<b>VALIDATED:</b>	YEA <u> X </u> NAY _____	25 JAN 07	31 JAN 08	29 JAN 09
<b>REVALIDATED:</b>	YEA <u> X </u> NAY _____	28 JAN 10	27 JAN 11	26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (10) Homestead Air Force Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Explosive Ordnance Disposal Facility - Homestead Air Reserve Base

**DESCRIPTION:**

Construct a 1,163 SM new facility for the explosive ordnance disposal shop. The new facility will comply with the base architectural standards. Facility construction will be concrete reinforced structure, CMU walls, standing seam metal roof, fire detection and protection systems, other required utilities and pavement/landscaping.

(KYJM 06-9023, \$3,150,000)

**TOP 10 PROJECTS, NOT ONLY FYDP NEW DOD REQUIREMENTS.**

**ALTERNATES:**

Proposed facility will provide adequate space required to accomplish EOD mission requirements to including detection, identification, field evaluation, rendering safe, disposal in place.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

A new EOD facility is required because EOD personnel are currently located in a 320 SF facility which was originally designed as a carpenter shop and constructed in 1959. The building area is insufficient to house all the personnel and assets required to accomplish the EOD mission and the only areas suitable for training are substandard.

**COORDINATING NOTES:**

No other component has requirement at this time.

**DATE OF JSRCFB ACTIONS**

<b>VALIDATED:</b>	<b>YEA</b>	<b>X</b>	<b>NAY</b>	25 JAN 07	31 JAN 08	29 JAN 09
<b>REVALIDATED:</b>	<b>YEA</b>	<b>X</b>	<b>NAY</b>	28 JAN 10	27 JAN 11	26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A(11) Homestead Air Force Reserve Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Addition/Alteration Medical Clinic Facility – Homestead Air Reserve Base

**DESCRIPTION:**

Construct a 2100 square foot, single story addition to the existing Medical Clinic Facility. Realign new and existing space to accommodate recent medical unit mission expansion. Facility addition will comply with the base architectural standards, AF requirements, the Florida Building code and antiterrorism/force protection requirements.

(KYJM 07-9024 - \$1,019,000: P-341)

**ALTERNATES:**

Project provides 2,100 square foot of additional space to accommodate increased manning of 79 personnel and to improve utilization and layout of existing and new space.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

Existing and additional facilities are required to meet the expanded base mission. Office space, lab space, testing areas and training space are not available in some areas. The number of personnel assigned to the unit has increased to 79 and the Wing has 400 more personnel than when the building was originally constructed.

**COORDINATING NOTES:**

No other component has requirement at this time.

**VALIDATED:**

YEA  X  NAY \_\_\_\_\_

**REVALIDATED:**

YEA  x  NAY \_\_\_\_\_

**DATE OF JSRCFB ACTIONS**

25 JAN 07	31 JAN 08	29 JAN 09
28 JAN 10	27 JAN 11	26 JAN 12

**DISCUSSION OF EACH PROJECT**

**PROJECT NO:** A (12) Homestead Air Force Base

**CONGRESSIONAL DISTRICT** #18

**PROJECT TITLE:** Construct Aircraft Maintenance Hangar - Homestead Air Reserve Base

**DESCRIPTION:**

Construct a new Aircraft Maintenance Hangar. The hangar shall provide hangar space for 9 each F-16 aircraft, a flight-line avionics shop and additional Aircraft Maintenance Squadron administrative/shop space. The AMXS space will increase their available space IAW existing facility requirements. The work shall comply with the base architectural standards and standard facility requirements. This will be a turn- key facility with all communications prewired. Hangar will be equipped with UFC compliant fire detection, alarm and suppression systems and a mass notification system. Overhead cranes and other specialized equipment required for aircraft maintenance will be included in the facility design. ( KYJM 09-9005, \$12,400,000 )

**ALTERNATES:**

Additional aircraft hangar space is required to conduct aircraft maintenance operations for additional assigned BRAC F-16 aircraft and maintenance personnel. Furthermore, there is no space available for all assigned aircraft during inclement weather conditions.

**RECOMMENDED:** ( X ) UNILATERAL or ( ) JOINT CONSTRUCTION

**RATIONALE:**

BRAC increased the 482FW from 15 PAA to 24 PAA with 2 BAI. Maintenance personnel strength was increased as well. At the present time, HARB does not have the hangar space and shop/administrative space as allocated in AFRCH32-1001 dated 24 Jun 2008. HARB needs additional hangar space for 6 aircraft, 3800 SF of hangar space for flight-line avionics and additional office, administrative, training and tool room space for the Wing's assigned maintenance personnel. Furthermore, HARB only has bay space available for 19 aircraft during inclement weather events such as hail storms or high wind conditions. Furthermore, while hangar 194 is currently used for aircraft maintenance, it was designed for C-130s and aircraft must be pulled forward before an engine can be removed/installed during phase dock.

**COORDINATING NOTES:**

No other component has requirement at this time.

				DATE OF JSRCFB ACTIONS		
<b>VALIDATED:</b>	YEA	X	NAY	29JAN 09	28 JAN 10	27 JAN 11
<b>REVALIDATED:</b>	YEA	X	NAY			26 JAN 12