

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
(\$ in Thousands)

<u>State/Agency/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<u>Ecuador</u>				
Manta Air Base				
Expeditionary Rescue Station	2,200	2,200	N	143
Expeditionary Squadron Ops/AMU/Storage	2,600	2,600	N	145
Aircraft Maintenance Hangar/Nose Dock/Apron	6,723	6,723	N	147
Expeditionary Maintenance Facilities	4,900	4,900	N	149
Expeditionary Visiting Airmen Qtrs/Dining Fac	4,650	4,650	N	151
Expeditionary Visiting Officer Quarters	1,600	1,600	N	153
<u>Aruba/Curacao</u>				
<u>Aruba</u>				
Airfield Pavement/Rinse Facility	8,800	8,800	N	156
Exped. Maint. Facilities/AMU/Storage	860	860	N	158
Small Expeditionary Aircraft Maint Hangar/Apron	590	590	N	160
<u>Curacao</u>				
Airfield Pavement/Rinse Facility	29,500	29,500	N	163
Expeditionary Squadron Ops/AMU/Storage	2,200	2,200	N	165
Aircraft Maintenance Hangar/Nose Dock/Apron	9,200	9,200	N	167
Expeditionary Maintenance Facilities	3,000	3,000	N	169
Total	76,823	76,823		

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROGRAM					2. DATE February 2000				
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.00				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
		a. As of 30 Sep 99							6	14	
b. End FY 2005		6	6					150	300		462
7. INVENTORY DATA (\$000)											
a. Total Acreage: (40)											
b. Inventory Total As Of: (30 SEP 99)		0									
c. Authorization Not Yet In Inventory		38,600									
d. Authorization Requested in This Program:		22,650									
e. Authorization Included In Following Program: (FY 2002)		0									
f. Planned In Next Three Program Years:		0									
g. Remaining Deficiency:		0									
h. Grand Total:		61,250									
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY							COST		DESIGN STATUS		
CODE	PROJECT TITLE				SCOPE	(\$000)	START	CMPL			
130-142	FIRE/CRASH RESCUE STATION				1,800 SM	2,200	TURN KEY				
141-753	SQUADRON OPS/AMU STORAGE				2,900 SM	2,600	TURN KEY				
211-175	AIRCRAFT MAINTENANCE HANGAR/ NOSE DOCK/APRON				3,347 SM	6,723	TURN KEY				
218-712	MAINTENANCE FACILITIES				1,986 SM	4,900	TURN KEY				
721-315	VISITING AIRMEN QUARTERS/DINING FACILITY				3,030 SM	4,650	TURN KEY				
724-417	VISITING OFFICER QUARTERS				1,500 SM	<u>1,600</u>	TURN KEY				
					TOTAL	22,673					
9a. Future Projects: Included in the Following Program (FY 2002) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, C-130 and ARL Dash 7 aircraft in support of US SOUTHCOM's counterdrug mission.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution:		0									
b. Water pollution:		0									
c. Occupational safety and health:		0									
d. Other Environmental:		0									
12. Real Property Maintenance Backlog This Installation							0				

DD FORM 1390, 1 DEC 76 Previous editions are obsolete.

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR			4. PROJECT TITLE FIRE/CRASH RESCUE STATION			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 130-142	7. PROJECT NUMBER HACC003026		8. PROJECT COST (\$000) 2,200	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY FIRE/CRASH RESCUE STATION			LS			1,156
FIRE/CRASH RESCUE STATION			SM	1,000	727	(727)
MAINTENANCE BAYS			SM	800	536	(429)
SUPPORTING FACILITIES						907
UTILITIES			LS			(341)
PAVEMENTS			LS			(391)
SITE			LS			(175)
SUBTOTAL						2,063
TOTAL CONTRACT COST						2,063
SIOH (6.5 %)						134
TOTAL REQUEST						2,197
TOTAL REQUEST (ROUNDED)						2,200
<p>10. Description of Proposed Construction: Reinforced concrete foundation, metal modular structure with steel frame, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation and PA system. Includes site improvements, utilities, pavements and all other necessary support.</p>						
<p>11. REQUIREMENT: 1,800 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct an Expeditionary Fire/Crash Rescue Station. (New Mission) <u>REQUIREMENT:</u> In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. A properly sized and configured station will provide fire protection and fire fighting services for base facilities and aircraft crash rescue/fire fighting. The station will house all fire fighting equipment and crews, a central fire alarm system, command and control and crew quarters. <u>CURRENT SITUATION:</u> Eloy Alfaro International Airport has two small fire stations. One is dedicated to support the civilian operations and the other is manned by Ecuadorian military and supports Manta Air Base. There are a total of two assigned fire/crash rescue vehicles. The station must be the equivalent of a fully equipped and manned Category 7 fire station to properly maintain and support the additional fire vehicles and personnel. The station must be properly configured to conform to NFPA administrative training standards needed to adequately support assigned aircraft. <u>IMPACT IF NOT PROVIDED:</u> Adequate fire protection for Air Force facilities and aircraft will not be provided. Fire fighting effectiveness will be hampered by the lack of an adequate facility. Potential loss of Air Force lives and property due to slower response time. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during project development. No other option meets the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000				
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR						
4. PROJECT TITLE FIRE/CRASH RESCUE STATION	7. PROJECT NUMBER HACC003026					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures:</p> <p>(2) Basis:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">(a) Standard or Definitive Design</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 40px;">(b) Where Design was most recently used</td> <td style="text-align: right;">N/A</td> </tr> </table> <p>(3) Design Allowance : 110</p> <p>(3a) Contract Award 01 Jan</p> <p>(4) Construction Start 01 Mar</p> <p>(5) Construction Completion 02 Aug</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed: No</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design	NO	(b) Where Design was most recently used	N/A
(a) Standard or Definitive Design	NO					
(b) Where Design was most recently used	N/A					

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR			4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 141-753	7. PROJECT NUMBER HACC003030		8. PROJECT COST (\$000) 2,600	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY SQUAD OPS/AMU/STORAGE			LS			1,865
SQUADRON OPERATIONS/AMU			SM	1,600	729	(1,166)
MAINTENANCE STORAGE			SM	1,300	538	(699)
SUPPORTING FACILITIES						574
ELECTRICAL GENERATOR/UTILITIES			LS			(351)
MECHANICAL UTILITIES			LS			(130)
SITE IMPROVEMENTS			LS			(43)
CONCRETE FOUNDATIONS			LS			(50)
SUBTOTAL						2,439
TOTAL CONTRACT COST						2,439
SIOH (6.5 %)						159
TOTAL REQUEST						2,598
TOTAL REQUEST (ROUNDED)						2,600
<p>10. Description of Proposed Construction: Expeditionary facility will be constructed on reinforced concrete foundation, and consist of modular metal exterior, and structural steel superstructure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, prewired communications and power distribution system. Includes landscaping, site improvements, fire protection, and other support including infrastructure.</p>						
<p>11. REQUIREMENT: 2,900 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct expeditionary squadron operations/aircraft maintenance unit. (New Mission) <u>REQUIREMENT:</u> A new 2,900 SM expeditionary multi-functional Squadron Operations and Air Maintenance Unit facility is required to support the aircraft assigned to the Manta Air Base, Ecuador, Forward Operating Location (FOL). In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide secure command and control, security police, medical, operational, and maintenance control support for the personnel supporting two E-3, two KC-135, three P-3, three ARL, and one Senior Scout (C-130) missions. <u>CURRENT SITUATION:</u> Manta Air Base does not possess excess facility space. Facilities that are essential to exercising secure command and control of the FOL mission are not available. <u>IMPACT IF NOT PROVIDED:</u> The inability to properly conduct basic command, operations, mission and maintenance briefings, training, and provide essential basic services would compromise the mission. The aircraft assigned to the FOL could not satisfactorily meet their mission requirements or comply with CINC SOUTHCOM's Concept of Operations violating the intent of DoD Ltr, Subject: Post Panama Counterdrug Operations, 16 Apr 99. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE	7. PROJECT NUMBER HACC003030
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 130

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000			
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR			4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON					
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 211-175	7. PROJECT NUMBER HACC003024		8. PROJECT COST (\$000) 6,723			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
MAINTENANCE HANGAR/NOSE DOCK/APRON					LS			4,663
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK					SM	2,603	1,770	(4,607)
ACCESS APRON					SM	744	75	(56)
SUPPORTING FACILITIES								1,618
UTILITIES					LS			(280)
PAVEMENTS					LS			(135)
SITE IMPROVEMENTS					LS			(85)
SPECIAL FOUNDATIONS					SM	2,603	208	(541)
FIRE PROTECTION					SM	2,603	176	(458)
TECHNICAL MANUALS					LS			(151)
SUBTOTAL								6,313
SIOH (6.5 %)								410
TOTAL REQUEST								6,723
<p>10. Description of Proposed Construction: Reinforced concrete foundation on drilled piers, steel columns and joist, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation, foam and dry pipe fire protection systems, compressed air system, and PA system. Apron is constructed of reinforced concrete. Includes landscaping, site improvements and all other necessary support.</p>								
<p>11. REQUIREMENT: 3,347 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct Aircraft Maintenance Hangar/Nose Dock and Access Apron. (New Mission) <u>REQUIREMENT:</u> A high-bay maintenance hangar/E-3 nose dock with avionics, structural, electrical, mechanical, and wheel back shops is required to support E-3, KC-135, P-3, C-130, and Army low reconnaissance aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. The maintenance hangar/nose dock is required to support scheduled maintenance and unscheduled emergency repair of assigned aircraft. <u>CURRENT SITUATION:</u> Manta does not possess a maintenance hangar/nose dock large enough to provide maintenance support for assigned aircraft. Air base officials have indicated they cannot provide or share their limited facilities. Manta experiences a frequent combination of adverse weather conditions, which makes it dangerous and extremely uncomfortable for personnel performing maintenance in uncovered workspaces. <u>IMPACT IF NOT PROVIDED:</u> Maintenance and emergency repair of aircraft cannot be accomplished under safe and control conditions. Missions may be delayed if maintenance is hampered by weather conditions. The morale of assigned maintenance personnel will be negatively impacted. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is needed to comply with the CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>								

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000												
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR														
4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON	7. PROJECT NUMBER HACC003024													
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures:</p> <p>(2) Basis:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">(a) Standard or Definitive Design</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 40px;">(b) Where Design was most recently used</td> <td style="text-align: right;">N/A</td> </tr> </table> <p>(3) Design Allowance :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;"></td> <td style="text-align: right;">335</td> </tr> </table> <p>(3a) Contract Award</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;"></td> <td style="text-align: right;">01 Jan</td> </tr> </table> <p>(4) Construction Start</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;"></td> <td style="text-align: right;">01 Mar</td> </tr> </table> <p>(5) Construction Completion</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;"></td> <td style="text-align: right;">02 Aug</td> </tr> </table> <p>(6) Energy Study/Life-Cycle analysis was/will be performed: No</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design	NO	(b) Where Design was most recently used	N/A		335		01 Jan		01 Mar		02 Aug
(a) Standard or Definitive Design	NO													
(b) Where Design was most recently used	N/A													
	335													
	01 Jan													
	01 Mar													
	02 Aug													

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
AIR FORCE					February 2000	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
MANTA AIR BASE, ECUADOR			MAINTENANCE FACILITIES			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)	
2.88.89F		218-712	HACC003028		4,900	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY MAINTENANCE FACILITIES			LS			1,035
AGE SHOP/STORAGE			SM	983	505	(497)
AGE ACCESS APRON			SM	465	123	(57)
REFUELING VEHICLE SHOP			SM	167	1,401	(234)
REFUELING PARKING PAD			SM	325	600	(195)
HAZARDOUS MATERIAL STORAGE			SM	46	1,130	(52)
SUPPORTING FACILITIES						3,569
UTILITIES			LS			(1,610)
PAVEMENTS/SITE IMPROVEMENTS			LS			(1,809)
TECHNICAL MANUALS			LS			(150)
SUBTOTAL						4,604
TOTAL CONTRACT COST						4,604
SIOH (6.5 %)						299
TOTAL REQUEST						4,903
TOTAL REQUEST (ROUNDED)						4,900
<p>10. Description of Proposed Construction: AGE facilities with general storage and hazardous material storage will consist of reinforced concrete foundation systems with modular metal superstructure, insulated roof system, insulated interior, metal stud/gypsum partitions, and noise attenuation. Includes utilities, site improvements and pavement. AGE fueling station has associated 5000 gal storage tank.</p>						
<p>11. REQUIREMENT: 1,986 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct expeditionary maintenance facilities. (New Mission) <u>REQUIREMENT:</u> The expeditionary modular metal maintenance facilities are required to support operations at Manta Forward Operating Location include: a 983 SM (502 SM Shop and 481 SM Storage) multi-functional AGE shop and 465 SM access apron, a 167 SM refueling vehicle shop and 325 SM parking apron, and a 46 SM hazardous material storage facility. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. Multiple facilities are required to support scheduled maintenance and emergency repairs of AGE. <u>CURRENT SITUATION:</u> Eloy Alfaro International Airport does not possess sufficient fuel storage or distribution systems capable of supporting assigned aircraft. Airport officials have indicated they cannot provide or share the limited facilities currently at the airfield. The other maintenance facilities do not exist. <u>IMPACT IF NOT PROVIDED:</u> Unprotected AGE and refueling equipment will rapidly deteriorate in an extremely corrosive environment. Sorties may be cancelled or postponed due to lack of fuel support or functioning aerospace ground equipment. Maintenance personnel will not be able to properly repair or perform necessary maintenance on assigned aircraft. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Par II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE MAINTENANCE FACILITIES	7. PROJECT NUMBER HACC003028
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 245

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR			4. PROJECT TITLE VISITING AIRMEN QUARTERS/DINING FACILITY			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 721-315	7. PROJECT NUMBER HACC003032		8. PROJECT COST (\$000) 4,650	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY VISITING AIRMEN QUARTERS/DINING FACILITY			LS			2,460
VISITING AIRMEN DORMITORY			SM	2,100	727	(1,527)
DINING FACILITY			SM	930	1,003	(933)
SUPPORTING FACILITIES						1,905
UTILITIES			LS			(1,275)
PAVEMENTS			LS			(174)
SITE IMPROVEMENTS			LS			(386)
COMMUNICATIONS			LS			(70)
SUBTOTAL						4,365
TOTAL CONTRACT COST						4,365
SIOH (6.5 %)						284
TOTAL REQUEST						4,649
TOTAL REQUEST (ROUNDED)						4,650
EQUIP FROM OTHER APPROPRIATIONS (NON-ADD)						(550)
<p>10. Description of Proposed Construction: Reinforced concrete foundation with modular metal insulated exterior, steel structure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, and all communications pre-wiring and power distribution system. Includes landscaping, site improvements, and all other necessary support for complete and useable facilities.</p>						
<p>11. REQUIREMENT: 3,030 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct expeditionary Visiting Airmen Quarters/ Dining Facility. (New Mission) <u>REQUIREMENT:</u> Manta requires an expeditionary modular Visiting Airmen Quarters/Dining Facility with separate rest rooms, administrative section, lounges, laundry rooms, exercise rooms, dining room, food preparation, storage, and administrative support areas. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide adequate enlisted lodging and messing for the personnel who will perform the local mission. <u>CURRENT SITUATION:</u> Eloy Alfaro International Airport does not possess Visiting Airmen Quarters or Dining Facilities that conform to USAF standards. The City of Manta has only one hotel which meets USAF billeting and messing standards. The hotel has approximately 50 rooms. <u>IMPACT IF NOT PROVIDED:</u> Numerous military personnel would be exposed to unsafe, unsecure and potentially dangerous living and sanitary conditions. This would adversely effect the health and welfare of deployed personnel and negatively impact the mission. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>						

(computer generated)

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION
MANTA AIR BASE, ECUADOR

4. PROJECT TITLE VISITING AIRMEN QUARTERS/DINING FACILITY	7. PROJECT NUMBER HACC003032
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 233

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project 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>
Kitchen Equipment	3400	2001	550

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
AIR FORCE					February 2000	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
MANTA AIR BASE, ECUADOR			VISITING OFFICER QUARTERS			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)	
2.88.89F		724-417	HACC003033		1,600	
9. COST ESTIMATE						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY VISITING OFFICER QUARTERS			SM	1,500	729	1,094
SUPPORTING FACILITIES						408
UTILITIES			LS			(267)
PAVEMENTS			LS			(76)
SITE			LS			(65)
SUBTOTAL						1,502
TOTAL CONTRACT COST						1,502
SIOH (6.5 %)						98
TOTAL REQUEST						1,600
TOTAL REQUEST (ROUNDED)						1,600
<p>10. Description of Proposed Construction: Reinforced concrete foundation with modular metal insulated exterior, steel structure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, and all communications pre-wiring and power distribution system. Includes landscaping, site improvements, and all other necessary support for a complete and useable facility.</p>						
<p>11. REQUIREMENT: 1,500 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct expeditionary Visiting Officer's Quarters. (New Mission) <u>REQUIREMENT:</u> In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide adequate officer quarters on Manta Air Base. <u>CURRENT SITUATION:</u> Eloy Alfaro International Airport does not possess quarters that conform to USAF standards. The City of Manta has only one hotel, which meets USAF billeting and messing standards and it only has approximately 50 rooms. There will normally be a minimum TDY population of 250 personnel when operations start with the full concept of operations. <u>IMPACT IF NOT PROVIDED:</u> Numerous military personnel would be exposed to unsafe, and insecure conditions in substandard motels and hotels. The lack of potable water within the city and unsanitary conditions of commercial eating facilities would adversely effect the health and welfare of deployed personnel and negatively impact the mission. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p>						

(computer generated)

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000				
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR						
4. PROJECT TITLE VISITING OFFICER QUARTERS	7. PROJECT NUMBER HACC003033					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures:</p> <p>(2) Basis:</p> <table data-bbox="243 714 1396 798"> <tr> <td>(a) Standard or Definitive Design</td> <td>NO</td> </tr> <tr> <td>(b) Where Design was most recently used</td> <td>N/A</td> </tr> </table> <p>(3) Design Allowance : 80</p> <p>(3a) Contract Award 01 Jan</p> <p>(4) Construction Start 01 Mar</p> <p>(5) Construction Completion 02 Aug</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed: No</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design	NO	(b) Where Design was most recently used	N/A
(a) Standard or Definitive Design	NO					
(b) Where Design was most recently used	N/A					

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROGRAM					2. DATE February 2000				
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO				4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.00				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 Sep 99		3	3					103	97		206
b. End FY 2005		5	5					110	170		290
7. INVENTORY DATA (\$000)											
a. Total Acreage: (27)											
b. Inventory Total As Of: (30 SEP 99)		0									
c. Authorization Not Yet In Inventory		0									
d. Authorization Requested in This Program:		43,900									
e. Authorization Included In Following Program: (FY 2002)		0									
f. Planned In Next Three Program Years:		0									
g. Remaining Deficiency:		0									
h. Grand Total:		43,900									
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY						COST	DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE				(\$000)	START	CMPL			
113-321	AIRFIELD PAVEMENT/RINSE FACILITY	76,608 SM				29,500	TURN KEY				
141-753	SQUADRON OPERATIONS/AMU/STORAGE	2,600 SM				2,200	TURN KEY				
211-175	AIRCRAFT MAINTENANCE HANGAR/ NOSE DOCK/APRON	3,254 SM				9,200	TURN KEY				
218-712	MAINTENANCE FACILITIES	1,940 SM				<u>3,000</u>	TURN KEY				
					TOTAL	43,900					
9a. Future Projects: Included in the Following Program (FY 2002) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, F-15, F-16 and C-130 aircraft in support of US SOUTHCOM's counterdrug mission.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution:		0									
b. Water pollution:		0									
c. Occupational safety and health:		0									
d. Other Environmental:		0									
12. Real Property Maintenance Backlog This Installation								0			

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO			4. PROJECT TITLE AIRFIELD PAVEMENT/RINSE FACILITY			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 113-321	7. PROJECT NUMBER HACC003021		8. PROJECT COST (\$000) 29,500	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
AIRFIELD PAVEMENT/RINSE FACILITY		LS			13,121	
PARKING APRON		SM	61,318	173	(10,608)	
TAXIWAY		SM	14,514	128	(1,858)	
BAK 12 INSTALLATION		LS			(367)	
RINSE FACILITY		SM	776	371	(288)	
SUPPORTING FACILITIES					14,675	
UTILITIES/SECURITY LIGHTING		LS			(1,850)	
PAVEMENTS		LS			(1,850)	
SITE IMPROVEMENTS/SECURITY FENCE		LS			(9,975)	
ENVIRONMENTAL REMEDIATION		LS			(1,000)	
SUBTOTAL					27,796	
TOTAL CONTRACT COST					27,796	
SIOH (6.5 %)					1,807	
TOTAL REQUEST					29,603	
TOTAL REQUEST (ROUNDED)					29,500	
<p>10. Description of Proposed Construction: Construct standard aircraft parking apron, associated taxiway, and fighter aircraft rinse facility on the taxiway. Construction will be composed of 14" PCC, 8" drainage layer, 4" aggregate base, and 8" subbase consisting of compacted non-organic fill. Include BAK-12 arresting system with airfield lighting, security fence, and environmental remediation.</p>						
<p>11. REQUIREMENT: 76,608 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct airfield pavement/rinse facility. (New Mission) REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). An aircraft parking ramp and taxiway are required to support permanently assigned fighter aircraft as well as E-3, C-130, and P-3 aircraft on an expeditionary basis. CURRENT SITUATION: Hato International Airport does not possess sufficient permanent parking space for aircraft assigned to support the SOUTHCOM concept of operations in Curacao. The airport has given approval for the Air Force to use airport ramps H1 and H2, but only on a temporary basis. The airport will require these ramps within three years to support a new civilian terminal and aircraft parking plan. Ramps H1 and H2 are only large enough to accommodate six fighters and two large frame aircraft simultaneously. IMPACT IF NOT PROVIDED: The aircraft assigned to Curacao will not have an adequate parking ramp. Curacao will not be usable as a FOL once the existing ramp, temporarily being used by the Air Force, is returned to local airport officials for future development. ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO		
4. PROJECT TITLE AIRFIELD PAVEMENT/RINSE FACILITY	7. PROJECT NUMBER HACC003021	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Project to be accomplished by design-build procedures: (2) Basis: (a) Standard or Definitive Design NO (b) Where Design was most recently used N/A (3) Design Allowance : 1,475 (3a) Contract Award 01 Jan (4) Construction Start 01 Mar (5) Construction Completion 02 Aug (6) Energy Study/Life-Cycle analysis was/will be performed: No b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO			4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 141-753	7. PROJECT NUMBER HACC003029		8. PROJECT COST (\$000) 2,200	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
EXPEDITIONARY SQUADRON					1,642	
OPERATIONS/AMU/STORAGE		LS			(945)	
SQUADRON OPERATIONS/AMU		SM	1,300	727	(697)	
MAINTENANCE STORAGE		SM	1,300	536	445	
SUPPORTING FACILITIES					(270)	
UTILITIES		LS			(50)	
SITE IMPROVEMENTS		LS			(70)	
SPECIAL FOUNDATIONS		LS			(55)	
PAVEMENTS		LS			2,087	
SUBTOTAL					2,087	
TOTAL CONTRACT COST					136	
SIOH (6.5 %)					2,223	
TOTAL REQUEST					2,200	
TOTAL REQUEST (ROUNDED)						
<p>10. Description of Proposed Construction: Concrete foundation, modular steel exterior, structural steel superstructure, insulated roof system, metal stud/gypsum partitions, noise attenuation, pre-wired communications and power distribution systems. Includes landscaping, site improvements, pavement, and all other necessary support.</p>						
<p>11. REQUIREMENT: 2,600 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT</u>: Construct an expeditionary squadron operations/aircraft maintenance unit (AMU). (New Mission) <u>REQUIREMENT</u>: An expeditionary multi-functional Squadron Operations and Aircraft Maintenance Unit facility is required to support the aircraft assigned to the Curacao Forward Operating Location (FOL). This facility is required to provide secure command and control, security police, transitory missions associated with assigned fighter aircraft, AWACS, KC-135, P-3, and Senior Scout (C-130) missions. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). <u>CURRENT SITUATION</u>: Hato International Airport has no excess facility space to accommodate the required functions. <u>IMPACT IF NOT PROVIDED</u>: Without facilities, the FOL could not satisfactorily meet mission requirements. Personnel and secure functions would be compromised. <u>ADDITIONAL</u>: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE	7. PROJECT NUMBER HACC003029
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 110

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO			4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 211-175	7. PROJECT NUMBER HACC003023		8. PROJECT COST (\$000) 9,200	
9. COST ESTIMATE						
ITEM				U/M	QUANTITY	UNIT COST
MAINTENANCE HANGAR/NOSE DOCK/APRON				LS		6,705
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK				SM	2,510	2,634 (6,611)
ACCESS APRON				SM	744	126 (94)
SUPPORTING FACILITIES						1,918
UTILITIES				LS		(360)
PAVEMENTS				LS		(144)
SITE IMPROVEMENTS				LS		(79)
SPECIAL FOUNDATIONS				SM	2,510	256 (643)
FIRE PROTECTION				SM	2,510	216 (542)
TECHNICAL MANUALS				LS		(150)
SUBTOTAL						8,623
TOTAL CONTRACT COST						8,623
SIOH (6.5 %)						560
TOTAL REQUEST						9,183
TOTAL REQUEST (ROUNDED)						9,200
<p>10. Description of Proposed Construction: High-bay maintenance hangar/nose dock includes reinforced concrete foundation on drilled piers, steel columns and joist, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation, foam and dry pipe fire protection systems, compressed air system, and PA system. Reinforced concrete apron, site improvements and all other support as necessary.</p>						
<p>11. REQUIREMENT: 3,254 SM ADEQUATE: 0 SUBSTANDARD: 0</p> <p><u>PROJECT:</u> Construct Aircraft Maintenance Hangar/Nose Dock and Access Apron. (New Mission)</p> <p><u>REQUIREMENT:</u> A high-bay maintenance hangar/E-3 nose dock with avionics, structural, electrical, mechanical, and wheel back shops are required to support E-3, KC-135, P-3, C-130, F-15, and F-16 aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean).</p> <p><u>CURRENT SITUATION:</u> Hato International Airport does not possess a hangar/dock large enough to provide maintenance and emergency repair of assigned aircraft. Curacao experiences a frequent combination of windy and sunny weather that would make work conditions dangerous and extremely uncomfortable for maintenance personnel if a covered workspace was not provided. Airport officials have indicated they cannot provide or share their limited facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Maintenance and emergency repair of assigned aircraft would be accomplished under unsafe conditions. Mission delays may result if maintenance is halted for weather conditions. The morale of assigned personnel would be degraded.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is needed to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON	7. PROJECT NUMBER HACC003023
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 460

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000			
3. INSTALLATION AND LOCATION HATO INTERNATIONAL AIRPORT, CURACAO			4. PROJECT TITLE MAINTENANCE FACILITIES					
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 218-712	7. PROJECT NUMBER HACC003027		8. PROJECT COST (\$000) 3,000			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY MAINTENANCE FACILITIES					LS			1,121
AGE SHOP/STORAGE					SM	983	503	(494)
AGE ACCESS APRON					SM	465	129	(60)
VEHICLE REFUELING SHOP					SM	167	1,407	(235)
REFUELING PARKING PAD					SM	325	600	(195)
HYDRAZINE/CHAFF/FLARE/HAZ MAT STORAGE					LS			(137)
SUPPORTING FACILITIES								1,705
UTILITIES					LS			(770)
PAVEMENTS/SITE IMPROVEMENTS					LS			(780)
TECHNICAL MANUALS					LS			(155)
SUBTOTAL								2,826
TOTAL CONTRACT COST								2,826
SIOH (6.5 %)								184
TOTAL REQUEST								3,010
TOTAL REQUEST (ROUNDED)								3,000
<p>10. Description of Proposed Construction: Facilities will consist of reinforced concrete foundation systems with modular metal exteriors, structural steel superstructures, insulated roof systems, insulated metal exteriors, metal stud/gypsum partitions, noise attenuation, utilities, pavements, site improvements, and all necessary support. Includes access apron, parking pad, and 5000 gal storage tank.</p>								
<p>11. REQUIREMENT: 1,940 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct expeditionary maintenance facilities. (New Mission) REQUIREMENT: The following new expeditionary maintenance facilities are required to support the Curacao Forward Operating Location (FOL) mission: a 983 SM (502 SM Shop and 481 SM Storage) multi-functional Aerospace Ground Equipment (AGE) shop and access apron; a 167 SM refueling vehicle shop a 325 SM parking apron; a 46 SM hazardous material storage, 11 SM hydrazine storage, and 23 SM chaff/flare storage. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). Multiple facilities are required to support scheduled maintenance and emergency repair of AGE, resupply of hydrazine, vehicular refueling maintenance, and storage of chaff and flare, and hazardous materials. CURRENT SITUATION: Curacao International Airport officials have indicated they cannot provide or share the limited AGE and vehicular refueling maintenance and storage facilities currently located at the airfield. The other maintenance facilities do not exist at Curacao. IMPACT IF NOT PROVIDED: Unprotected AGE and refueling equipment will rapidly deteriorate in the extremely corrosive environment. Hydrazine, hazardous materials, and chaff and flare could not be safely stored in properly designed facilities. This presents a safety threat to personnel. The lack of proper maintenance may result in mission delays due to non-functioning equipment. ADDITIONAL: This project does not meet criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.</p>								

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE MAINTENANCE FACILITIES	7. PROJECT NUMBER HACC003027
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 150

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROGRAM						2. DATE February 2000			
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA						4. COMMAND AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.00		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 Sep 99		1		1						2	4
b. End FY 2005		1		1						45	47
7. INVENTORY DATA (\$000)											
a. Total Acreage: (12)											
b. Inventory Total As Of: (30 SEP 99) 0											
c. Authorization Not Yet In Inventory 0											
d. Authorization Requested in This Program: 10,250											
e. Authorization Included In Following Program: (FY 2002) 0											
f. Planned In Next Three Program Years: 0											
g. Remaining Deficiency: 0											
h. Grand Total: 10,250											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY		PROJECT TITLE			SCOPE		COST (\$000)		DESIGN STATUS		
CODE									START Cmpl		
113-321		AIRFIELD PAVEMENT/RINSE FACILITY			38,295 SM		8,800		TURN KEY		
141-753		SQUADRON OPS/AMU STORAGE			920 SM		860		TURN KEY		
211-111		SMALL AIRCRAFT MAINTENANCE HANGAR/APRON			340 SM		590		TURN KEY		
					TOTAL		10,250				
9a. Future Projects: Included in the Following Program (FY 2002) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, C-130 and ARL Dash 7 aircraft in support of US SOUTHCOM's counterdrug mission.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 0											
c. Occupational safety and health: 0											
d. Other Environmental: 0											
12. Real Property Maintenance Backlog This Installation 0											

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA			4. PROJECT TITLE AIRFIELD PAVEMENT/RINSE FACILITY			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 113-321	7. PROJECT NUMBER HACC003022		8. PROJECT COST (\$000) 8,800	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
AIRFIELD PAVEMENT/RINSE FACILITY		LS			6,368	
PARKING APRON		SM	28,373	173	(4,909)	
TAXIWAY		SM	9,146	128	(1,171)	
RINSE FACILITY		SM	776	371	(288)	
SUPPORTING FACILITIES					1,940	
UTILITIES		LS			(1,125)	
PAVEMENTS		LS			(95)	
SITE IMPROVEMENTS		LS			(115)	
SECURITY LIGHTING		LS			(502)	
SECURITY FENCE		LM	675	153	(103)	
SUBTOTAL					8,308	
TOTAL CONTRACT COST					8,308	
SIOH (6.5 %)					540	
TOTAL REQUEST					8,848	
TOTAL REQUEST (ROUNDED)					8,800	
10. Description of Proposed Construction: Construct 14" PCC parking apron and taxiways with an aircraft rinse facility. Includes all utilities, site improvements, landscaping, security lighting, security fence, and all other support as necessary.						
11. REQUIREMENT: 38,295 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct an aircraft parking apron and taxiway with aircraft rinse facility. (New Mission) <u>REQUIREMENT:</u> A new aircraft parking apron and associated taxiway with aircraft rinse facility are required to support Cessna Citation 550 aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). <u>CURRENT SITUATION:</u> Reina Beatrix International Airport does not possess sufficient permanent aircraft parking space for assigned aircraft supporting SOUTHCOMs concept of operations. The airport has temporarily provided the west ramp but this area is inadequately sized to support the mission. Also, the west ramp will revert back to local airport officials within three years for future development. The ramp area does not provide adequate lighting or physical security. <u>IMPACT IF NOT PROVIDED:</u> The Air Force mission to support US Customs surveillance aircraft in support of SOUTHCOM, DoD, the State Department, and multi-agency counterdrug operations will be severely impacted <u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000														
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA																
4. PROJECT TITLE AIRFIELD PAVEMENT/RINSE FACILITY	7. PROJECT NUMBER HACC003022															
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures:</p> <p>(2) Basis:</p> <table data-bbox="243 714 1396 1134"> <tr> <td>(a) Standard or Definitive Design</td> <td>NO</td> </tr> <tr> <td>(b) Where Design was most recently used</td> <td>N/A</td> </tr> <tr> <td>(3) Design Allowance :</td> <td>440</td> </tr> <tr> <td>(3a) Contract Award</td> <td>01 Jan</td> </tr> <tr> <td>(4) Construction Start</td> <td>01 Mar</td> </tr> <tr> <td>(5) Construction Completion</td> <td>02 Aug</td> </tr> <tr> <td>(6) Energy Study/Life-Cycle analysis was/will be performed: No</td> <td></td> </tr> </table> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design	NO	(b) Where Design was most recently used	N/A	(3) Design Allowance :	440	(3a) Contract Award	01 Jan	(4) Construction Start	01 Mar	(5) Construction Completion	02 Aug	(6) Energy Study/Life-Cycle analysis was/will be performed: No	
(a) Standard or Definitive Design	NO															
(b) Where Design was most recently used	N/A															
(3) Design Allowance :	440															
(3a) Contract Award	01 Jan															
(4) Construction Start	01 Mar															
(5) Construction Completion	02 Aug															
(6) Energy Study/Life-Cycle analysis was/will be performed: No																

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000			
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA			4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE					
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 141-753	7. PROJECT NUMBER HACC003031		8. PROJECT COST (\$000) 860			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
EXPEDITIONARY SQUAD OPS/AMU/STORAGE					LS			597
SQUADRON OPERATIONS/AMU					SM	550	725	(399)
MAINTENANCE STORAGE					SM	370	535	(198)
SUPPORTING FACILITIES								207
ELECTRICAL GENERATOR/UTILITIES					LS			(102)
MECHANICAL UTILITIES					LS			(35)
CONCRETE FOUNDATIONS/SITE WORK					LS			(40)
SITE IMPROVEMENTS					LS			(30)
SUBTOTAL								804
TOTAL CONTRACT COST								804
SIOH (6.5 %)								52
TOTAL REQUEST								856
TOTAL REQUEST (ROUNDED)								860
EQUIP FROM OTHER APPROPRIATIONS (NON-ADD)								(225)
10. Description of Proposed Construction: Expeditionary modular steel structure built on reinforced foundation system (or trailers), with insulated roof system, HVAC, noise attenuation, and pre-wired communications and power distribution system. Includes delivery, clearance of site, set-up including provision and installation of a generator, and connection to all associated utilities.								
11. REQUIREMENT: 920 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct expeditionary squadron operations/aircraft maintenance unit. (New Mission) REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). This facility is required to support United States Customs Service and their two (2) P-3 aircraft and three (3) Cessna citations as well as provide a divert field for the United States Air Force aircraft from Curacao. CURRENT SITUATION: Aruba International Airport does not possess any excess facility space. The existing temporary operations area is inadequately sized, and does not provide all needed communications and power support. In addition, the Customs unit will be required to relocate from their operations space to enable the airport to demolish and construct the last phase of their new terminal. IMPACT IF NOT PROVIDED: The Air Force mission to support US Customs surveillance aircraft in support of SOUTHCOM, DoD, the State Department, and multi-agency counterdrug operations will be severely impacted ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.								

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
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3. INSTALLATION AND LOCATION

REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA

4. PROJECT TITLE SQUADRON OPERATIONS/AMU/STORAGE	7. PROJECT NUMBER HACC003031
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12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A

(3) Design Allowance : 43

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project 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>
Communications Equipment	3400	2001	225

1. COMPONENT AIR FORCE		FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 2000	
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA			4. PROJECT TITLE SMALL AIRCRAFT MAINTENANCE HANGAR/APRON			
5. PROGRAM ELEMENT 2.88.89F		6. CATEGORY CODE 211-111	7. PROJECT NUMBER HACC003025		8. PROJECT COST (\$000) 590	
9. COST ESTIMATE						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
SMALL EXPEDITIONARY AIRCRAFT MAINTENANCE HANGAR/APRON		LS			325	
AIRCRAFT MAINTENANCE HANGAR ACCESS APRON		SM	340	882	(300)	
SUPPORTING FACILITIES UTILITIES		LS			(25)	
SITE IMPROVEMENTS		LS			233	
PAVEMENTS		LS			(73)	
SUBTOTAL					(60)	
TOTAL CONTRACT COST					(100)	
SIOH (6.5 %)					558	
TOTAL REQUEST					558	
TOTAL REQUEST (ROUNDED)					36	
					594	
					590	
10. Description of Proposed Construction: Modular three-sided metal building with associated concrete slab foundation, utilities, pavements, site improvements, and all other necessary support. Includes an access apron.						
11. REQUIREMENT: 340 SM ADEQUATE: 0 SUBSTANDARD: 0 <u>PROJECT:</u> Construct a small expeditionary aircraft maintenance hangar/apron.(New Mission) <u>REQUIREMENT:</u> An expeditionary aircraft maintenance hangar with apron is required to maintain Citation 550 aircraft. The hangar is required to support scheduled maintenance and emergency repair of assigned aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). <u>CURRENT SITUATION:</u> Aruba International Airport does not possess spare hangar space. There are no facilities available for use as a maintenance hangar to perform maintenance and repair on the permanently assigned Citation aircraft. <u>IMPACT IF NOT PROVIDED:</u> Mission requirements will be difficult to meet. There will also be an increased risk of aborted missions. Personnel morale will be negatively impacted due to austere working conditions. <u>ADDITIONAL:</u> This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.						

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000				
3. INSTALLATION AND LOCATION REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA						
4. PROJECT TITLE SMALL AIRCRAFT MAINTENANCE HANGAR/APRON	7. PROJECT NUMBER HACC003025					
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures:</p> <p>(2) Basis:</p> <table data-bbox="227 714 1364 798"> <tr> <td>(a) Standard or Definitive Design</td> <td>NO</td> </tr> <tr> <td>(b) Where Design was most recently used</td> <td>N/A</td> </tr> </table> <p>(3) Design Allowance : 30</p> <p>(3a) Contract Award 01 Jan</p> <p>(4) Construction Start 01 Mar</p> <p>(5) Construction Completion 02 Mar</p> <p>(6) Energy Study/Life-Cycle analysis was/will be performed: No</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Standard or Definitive Design	NO	(b) Where Design was most recently used	N/A
(a) Standard or Definitive Design	NO					
(b) Where Design was most recently used	N/A					