



Department of the Air Force

Military Construction Program

**Fiscal Year (FY) 2010
Budget Estimates**

**Addendum to reflect terms
of the
U.S.-Colombia Defense Cooperation Agreement
as signed on 30 October 2009**

**Justification Data Submitted to Congress
16 November 2009**

1. COMPONENT AIR FORCE		FY 2010 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION PALANQUERO AIR BASE, COLOMBIA			4. COMMAND: Air Combat Command			5. AREA CONST COST INDEX Not Available				
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 08	0	0	0	0	0	0	0	0	0	0
END FY 2014	unk	unk	unk	unk	unk	unk	unk	unk	unk	unk
7. INVENTORY DATA (\$000)										
a. Total Acreage:										0
b. Inventory Total as of : (30 Sep 08)										0
c. Authorization Not Yet in Inventory:										0
d. Authorization Requested in this Program:										43,000
e. Authorization Included in the Following Program: (FY 2011)										0
f. Planned in Next Four Years Program:										0
g. Remaining Deficiency:										0
h. Grand Total:										43,000
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2010)										
CATEGORY		PROJECT TITLE		SCOPE		COST	DESIGN	STATUS		
CODE						\$,000	START	CMPL		
141-753	Air Base Development			3,140	SM	43,000	May-08	Sep-09		
						Total	43,000			
9a. Future Projects: Included in the Following Program: (FY2011)										
None										
9b. Future Projects: Typical Planned Next Four Years:										
None										
9c. Real Property Maintenance Backlog This Installation: (\$M)										N/A
10. Mission or Major Functions: This project enhances the U. S. Global Defense Posture (GDP) Strategy which includes development of a comprehensive and integrated presence strategy aligned with the principles of developing relations with partner nations. Palanquero enables the conduct of mutually agreed activities including counter-terrorism and counter-narcotics missions. It also supports mobility missions by increasing our mutual capability to support humanitarian assistance and disaster relief, if requested. Consistent with the U.S.-Colombia Defense Cooperation Agreement (DCA) as signed on October 30, 2009 any activities supported by this construction would be based on full respect for the principles of sovereignty, territorial integrity of states and non-interventionism.										
11. Outstanding Pollution and Safety (OSHA Deficiencies):										
a. Air pollution							N/A			
b. Water Pollution							N/A			
c. Occupational Safety and Health							N/A			
d. Other Environmental							N/A			

DD Form 1390, 9 Jul 02

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION PALANQUERO AB, COLOMBIA		4. PROJECT TITLE AIR BASE DEVELOPMENT			
5. PROGRAM ELEMENT 27576	6. CATEGORY CODE 141-753	7. PROJECT NUMBER HWBF108000	8. PROJECT COST (\$000) 43,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES					31,838
SQUAD OPS/ MAINTENANCE OPS FACILITY		SM	2,340	1,886	(4,413)
PARKING APRON		SM	9,000	2,070	(18,630)
MID-FIELD TAXIWAY		SM	7,000	200	(1,400)
CARGO APRON REPAIR		SM	7,000	130	(910)
TAXIWAY SHOULDER CONS		SM	8,000	33	(264)
FUEL ROAD		SM	1,500	180	(270)
200,000 GAL TANK AND FUEL POINT		LS			(3,617)
AIRCRAFT FIRE RESCUE ADAL		SM	800	2,152	(1,722)
ANTI- TERRORISM/FORCE PROTECTION - FACILITIES		LS			(612)
SUPPORTING FACILITIES					6,615
UTILITIES		LS			(2,600)
PAVEMENTS		LS			(1,085)
SITE IMPROVEMENTS		LS			(200)
COMMUNICATIONS		LS			(826)
FORCE PROTECTION/SECURITY		LS			(925)
STORM DRAINAGE		LS			(979)
SUBTOTAL					38,452
CONTINGENCY (5.0%)					1,923
TOTAL CONTRACT COST					40,375
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					2,624
TOTAL REQUEST					42,999
TOTAL REQUEST (ROUNDED)					43,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(4,200.0)
10. Description of Proposed Construction: Reinforced concrete foundation and concrete floor slab, structural steel frame, standing seam metal roof, masonry exterior, fire detection/protection, utilities, pavements, site improvements, SCIF, communication support, and all other necessary support for structural facilities. Construct concrete apron capable of supporting strategic airlift aircraft and refueling capabilities; the POL system will include a 200,000 gal fuel storage tank and necessary piping and offloading capabilities. This project will comply with antiterrorism/force protection requirements identified in DoD Unified Facilities Criteria. Apron strategic airlift & refueling adjoining existing apron Air Conditioning: 80 Tons					
11. Requirement: 139312 SM Adequate: 0 SM Substandard: 9000 SM PROJECT: Air Base Development. (Current Mission) REQUIREMENT: A fully functional airfield and ramp is essential for supporting the U.S. mission in Colombia and the missions of the United States Southern Command (USSOUTHCOM). This project at Palanquero best supports the COCOM's Theater Posture Strategy and demonstrates our commitment to this relationship. Development of this project provides a unique opportunity to support an important partner in a region					

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of the western hemisphere where security and stability are under constant threat from narcotics funded terrorist insurgencies, endemic poverty and recurring natural disasters. This project will accommodate transport/supply, fueling and operational aircraft. The outlined scope will construct approximately 135K SM of new strategic airlift capable apron with associated shoulders and appropriate airfield lighting and apron illumination systems, repair approximately 7K SM of existing cargo apron to meet strategic airlift and refueling aircraft requirements, construct approximately 8K SM of taxiway shoulders, and construct minimal necessary operational, maintenance, and operations support space to accommodate mutually agreed activities. This includes approximately 2300 SM of operations and maintenance space and 800 SM of operational support space and augmenting the existing aircraft refueling infrastructure with an additional 200,000 gallons of storage capacity and two new truck refueling points. Appropriate extensions and upgrades of the existing airfield lighting, electrical, water, and waste water systems will also be accomplished. All vertical construction will include appropriate anti-terrorism and force protection upgrades in accordance with the theater threat level. Additionally, minimal upgrades to existing base security systems will be accomplished.

CURRENT SITUATION: Access to Colombia will further its strategic partnership with the United States. Palanquero is unquestionably the best site for investing in infrastructure development within Colombia. Its central location is within reach of counter narco-terrorist operations areas; the runway and existing airfield facilities will reduce construction costs; its isolation maximizes Operational Security (OPSEC) and Force Protection and minimizes the U.S. military profile. The intent is to leverage existing infrastructure to the maximum extent possible, improve the U.S. ability to respond rapidly to crises, and assure access and presence at minimum cost. The taxiway and ramp/apron areas are deficient and in their current configurations severely limit the operational capabilities of this location. Additionally, the operations and support facilities need to be expanded to service a wide array of aircraft that mutually agreed activities may entail. Limited operations could be accomplished utilizing the existing infrastructure, but sustained operations require minimal construction outlined in this document.

IMPACT IF NOT PROVIDED: If these upgrades are not accomplished, it will severely limit the ability of USSOUTHCOM to support the U.S. Global Defense Posture (GDP) Strategy which includes development of a comprehensive and integrated presence strategy aligned with the principles of developing relationships with partner nations and ensuring mutual benefits between US and partner nations. Failure to provide funding for this project would restrict U.S. freedom of action to support partner nations. Not funding this project will also limit USSOUTHCOM's ability to support aerial counter narcotics missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements; new construction, however, using existing infrastructure to the maximum extent possible. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Development of this project will further the strategic partnership forged between the U.S. and Colombia and is in the interest of both nations. (Squadron/Maintenance Operations Facility: 2,340 SM = 25,178 SF; ADAL Aircraft Fire Rescue: 800 SM = 8,608 SF).

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements. Palanquero will provide joint use capability to U.S. Army, Air Force, Navy, Marine Corps, and Interagency aircraft and personnel in addition to building

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partner capacity of the Colombian forces.

This document updates the original DD Form 1391 submitted in May 2009 to reflect terms of the U.S. - Columbia Defense Cooperation Agreement as signed on October 30, 2009.

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12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			14-MAY-08
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2009			15%
* (d) Date 35% Designed			18-MAR-09
(e) Date Design Complete			30-SEP-09
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			2,760
(b) All Other Design Costs			1,380
(c) Total			4,140
(d) Contract			2,691
(e) In-house			1,449
(4) Construction Contract Award			10 FEB
(5) Construction Start			10 MAR
(6) Construction Completion			13 AUG
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
EQUIPMENT/FURNISHINGS	3400	2011	4,200