



Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2010

Budget Estimates

Justification Data Submitted to Congress

May 2009

1. COMPONENT AIR FORCE		FY 2010 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION PALANQUERO AIR BASE, COLUMBIA				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:										46,000
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:										46,000
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2010)										
CATEGORY		PROJECT TITLE		SCOPE		COST	DESIGN	STATUS		
CODE						\$,000	START	CMPL		
141-753	Air Base Development			4,312	SM	46,000	May-08	Sep-09		
						Total	46,000			
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 Cooperative Security Location (CSL) enhances the U. S. Global Defense Posture (GDP) Strategy which directs development of a comprehensive and integrated presence and basing strategy aligned with the principles of developing relations with partner nations. Palanquero provides an opportunity for conducting full spectrum operations throughout South America including CN missions. It also supports mobility missions by providing access to the entire continent, except the Cape Horn region, if fuel is available, and over half of the continent if unrefueled.										
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

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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) 46.000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES					34.314	
SQUAD OPS/ MAINTENANCE OPS FACILITY		SM	2.340	1.886	(4.413)	
BILLETING/FEEDING FACILITY - 250 PERS		SM	1.172	2.113	(2.476)	
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					40.929	
CONTINGENCY (5.0%)					2.046	
TOTAL CONTRACT COST					42.975	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					2.793	
TOTAL REQUEST					45.769	
TOTAL REQUEST (ROUNDED)					46.000	
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 Columbia and throughout the United States Southern Command (USSOUTHCOM) Area of Responsibility (AOR). Establishing a Cooperative Security						

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<p>Location (CSL) at Palanquero best supports the COCOM's Theater Posture Strategy and demonstrates our commitment to this relationship. Development of this CSL provides a unique opportunity for full spectrum operations in a critical sub region of our hemisphere where security and stability is under constant threat from narcotics funded terrorist insurgencies, anti-US governments, endemic poverty and recurring natural disasters. This project will accommodate transport/supply, fueling and operational aircraft in the AOR. 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 theater operations. This includes approximately 2300 SM of operations and maintenance space and 2000 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.</p> <p>CURRENT SITUATION: Access to Columbia will further its strategic partnership with the United States. The strong security cooperation relationship also offers an opportunity for conducting full spectrum operations throughout South America to include mitigating the Counternarcotics capability. Palanquero is unquestionably the best site for investing in infrastructure development within Columbia. Its central location is within reach of Andean Ridge counter narco-terrorist operations areas; the superb 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 crisis, and assure regional access and presence at minimum cost. Palanquero supports the mobility mission by providing access to the entire South American continent with the exception of the Cape Horn region if fuel is available, and over half of the continent unrefueled. Although the runway is fully capable of supporting strategic airlift and refueling airframes, the associated taxiway and ramp/apron areas are deficient and in their current configurations, severely limiting the extended operational capabilities of this location. Additionally, the operations and support facilities need to be expanded to service the U.S. aircraft anticipated in the area for future mission requirements. Limited operations could be accomplished with expeditionary resources utilizing the existing infrastructure, but sustained operations require minimal construction outlined in this document.</p> <p>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 directs development of a comprehensive and integrated presence and basing strategy aligned with the principles of developing relationships with partner nations, ensuring mutual benefits between US and partner nations, limited restrictions on U.S. freedom of action by partner nations and appropriate sharing of costs. Not funding this project will limit USSOUTHCOM to four other CSLs which are restricted to supporting aerial counter narcotics missions only and two other locations that, while not mission restricted, are too distant to accommodate mission requirements in the AOR.</p> <p>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</p>					

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<p>infrastructure to the maximum extent possible. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive orders. Development of this CSL will further the strategic partnership forged between the U.S. and Columbia and is in the interest of both nations, and improves the U.S. ability to respond rapidly to crisis, and assuring regional access and presence at minimal cost. A presence will also increase our capability to conduct Intelligence, Surveillance and Reconnaissance (ISR), improve global reach, support logistics requirements, improve partnerships, improve theater security cooperation, and expand expeditionary warfare capability. (Squadron/Maintenance Operations Facility: 2.340 SM = 25.178 SF; Billeting/Dining Facility: 1.172 SM = 12.611 SF).</p> <p>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, Marine, and U. S. Interagency aircraft and personnel in addition to building partner capacity of the Columbian forces.</p>					