

Force Protection Aerial Surveillance System (FPASS) (Desert Hawk)

Users: U.S. Air Force, Royal Army (UK)

Manufacturer: Lockheed Martin

Inventory: 108 Delivered/108 Planned (2006)



Background: FPASS is designed for ease of use by Air Force security personnel to improve situational awareness of the force protection battlespace by conducting area surveillance, patrolling base perimeters and runway approach/departure paths, and performing convoy over watch. The Air Force Electronic Systems Center developed FPASS to address a 1999 U.S. Central Command (CENTCOM) request for enhancing security at overseas bases. CENTAF refers to the FPASS vehicle as Desert Hawk. Each system consists of six aircraft and a laptop control station. Delivery of initial systems began in July 2002.

Characteristics:

	FPASS		FPASS
Length	2.7 ft	Wing Span	4.3 ft
Gross Weight	7 lb	Payload Capacity	1 lb
Fuel Capacity	n/a	Fuel Type	Battery
Engine Make		Power	
Data Link(s)	C2	Frequency	
	Video		

Performance:

Endurance	1 hr	Max/Loiter Speeds	
Ceiling	10,000 ft	Radius	6 nm
Takeoff Means	Bungee	Landing Means	Skid
Sensor	EO	Sensor Make	