

RQ-11 Raven (Pathfinder Raven)

Users: USSOCOM, U.S. Army

Manufacturer: AeroVironment

Inventory: 3,000 Delivered/10,000 Planned (2006)



Background: Raven was developed in 2002 from the “Flashlight” Small Unmanned Aircraft Systems (SUAS) and Pathfinder ACTD. In 2004, the U.S. Army introduced the RQ-11A Pathfinder Raven as an interim solution to an urgent need for unprecedented situational awareness and enhanced force protection at the maneuver battalion level and below. This earlier version has logged more than 22,000 hours in support to these units in the GWOT. On 5 October 2006, the program entered Full Rate Production, and the RQ-11B is in the process of being fielded to active component Brigade Combat Teams. IOC was reached in 2006. It can be either remotely controlled from its ground station or fly completely autonomous missions using GPS. Standard mission payloads include CCD color video or an infrared camera.

Characteristics:

	RQ-11		RQ-11
Length	3.4 ft	Wing Span	4.3 ft
Gross Weight	4 lb	Payload Capacity	1 lb
Fuel Capacity	n/a	Fuel Type	Battery
Engine Make		Power	
Data Link(s)	C2	Frequency	
	Video		

Performance:

Endurance	1.5 hr	Max/Loiter Speeds	
Ceiling	14,000 ft	Radius	6 nm
Takeoff Means	Hand launched	Landing Means	Stall
Sensor	EO	Sensor Make	

