

RQ-14 Dragon Eye

Users: U.S. Marine Corps

Manufacturer: AeroVironment

Inventory: 564 Delivered/564 Planned (2006)



Background: The RQ-14A Dragon Eye fulfills the first tier of the Marine Corps UA Roadmap by providing the company/platoon/squad level with an organic RSTA capability out to 2.5 nm. The first prototype flew in May 2000, with low rate production contracts (40 aircraft) awarded to AeroVironment and BAI Aerosystems in July 2001. In March 2003 the Marine Corps awarded a production contract to AeroVironment following a user operational assessment. IOC was achieved in 2003. The Dragon Eye program has resulted in several variants. The RQ-14B Swift is a system composed of three Dragon Eye UA and a Raven GCS. Evolution is an export version by BAI, and Sea-All is an ONR initiative for operation from a ship.

<http://www.mcwl.quantico.usmc.mil/factsheets/Dragon%20Eye%20Improvements.pdf>

Characteristics:

	RQ-14		RQ-14
Length	2.4 ft	Wing Span	3.8 ft
Gross Weight	4.5 lb	Payload Capacity	1 lb
Fuel Capacity	n/a	Fuel Type	Battery
Engine Make		Power	
Data Link(s)	C2	Frequency	
	Video		

Performance:

Endurance	45-60 min	Max/Loiter Speeds	
Ceiling	10,000 ft	Radius	2.5 nm
Takeoff Means	Bungee	Landing Means	

Sensor	EO	Sensor Make	
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