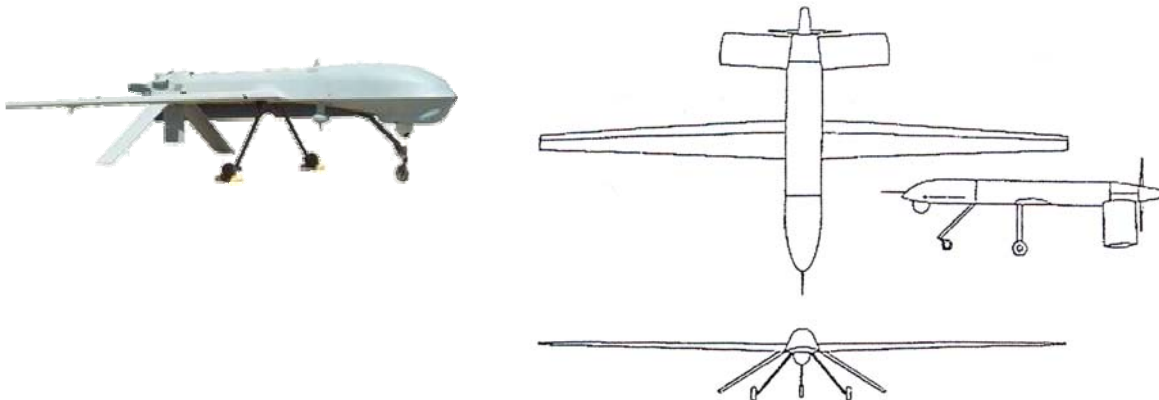


I-Gnat-ER/Warrior Alpha

Users: U.S. Army

Manufacturer: General Atomics Aeronautical Systems, Inc.

Inventory: 9 UA Delivered/17 UA Planned (2006)



Background: The Army acquired three I-Gnat-ER UA in FY04 as a result of a Congressional budget increase for CONOPS development for the Extended Range / Multi-Purpose (ER/MP) Warrior program. The Army subsequently deployed these assets to Iraq as a gap filler during the Hunter reconstitution. The I-Gnat-ER is slightly larger than the Gnat 750, has external hardpoints, an air-to-air data link ability, and more capable avionics. Two more UA were delivered in FY05. These two UA have SATCOM data links and are equipped with the Raytheon 17-inch MTS sensor/designator system. This configuration is now referred to as “Warrior Alpha” UA (a preliminary version of the ER/MP Warrior UA). Delivery of an additional 12 Warrior Alpha UA with SATCOM and SAR capability is planned for FY2006/7. The Army has had I-Gnat-ERs deployed to Iraq since March 2004.

Characteristics:

	I-Gnat – ER		I-Gnat – ER
Length	27 ft	Wing Span	49 ft
Gross Weight	2,300 lb	Payload Capacity	450 lb
Fuel Capacity	625 lb	Fuel Type	AVGAS
Engine Make	Rotax 914F	Power	115 hp
Data Link(s)	LOS / SATCOM	Frequency	C-band

Performance:

Endurance	30 hr	Max/Loiter Speeds	120/70 kt
Ceiling	25,000 ft	Radius	150 nm
Takeoff Means	Runway	Landing Means	Runway
Sensor	EO/IR	Sensor Make	Wescam MX-15

