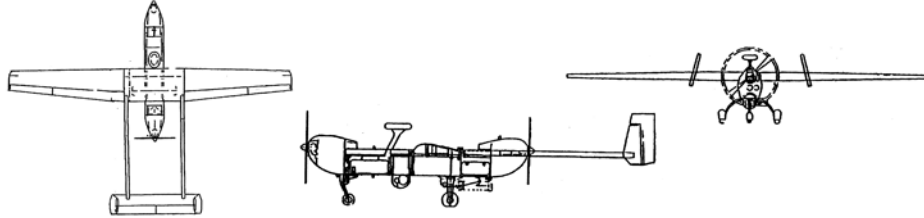


RQ-5A/MQ-5B Hunter

Users: U.S. Army

Manufacturer: Northrop Grumman – Sierra Vista, AZ (formerly TRW)/IAI

Inventory: 80 Delivered/54 In-Service (2006)



Background: The RQ-5 Hunter originated as a Joint Army/Navy/Marine Corps UAS program. It was terminated in 1996, but through the procurement of a limited number of Low Rate Initial Production (LRIP) systems, Hunter exists today. The modernization from the RQ-5A to the MQ-5B was initiated in FY04. The MQ-5Bs are modified with Heavy Fuel Engines (HFE) and are capable of carrying the Viper Strike and BLU 108 munitions. Hunter deployed to Macedonia to support NATO Balkan operations in 1999 and to Iraq in 2002, where it continues to support combat operations today.

Characteristics:

	RQ-5A	MQ-5B		RQ-5A	MQ-5B
Length	22.6 ft	23 ft	Wing Span	29.2 ft	34.25 ft
Gross Weight	1,620 lb	1,950 lb	Payload Capacity	200 lb	280 lb
Fuel Capacity	421 lb	HFE 280 lb	Fuel Type	MOGAS	JP-8
Engine Make	Moto Guzzi (x2) Gas Engine	Mercedes HFE (x2)	Power	57 hp (x2)	57 hp (x2) 56 hp (x2)
Data Link	LOS	LOS	Frequency	C-band	C-band

Performance:

Endurance	11.6 hr	20.5 hr	Max/Loiter Speeds	106/89 kt	110/70 kt
Ceiling	15,000 ft	18,000 ft	Radius	144 nm	144 nm
Takeoff Means	Runway	Runway	Landing Means	Runway/Wire	Runway/Wire
Sensor	EO/IR	EO/IR	Sensor Make	Tamam MOSP	Tamam MOSP