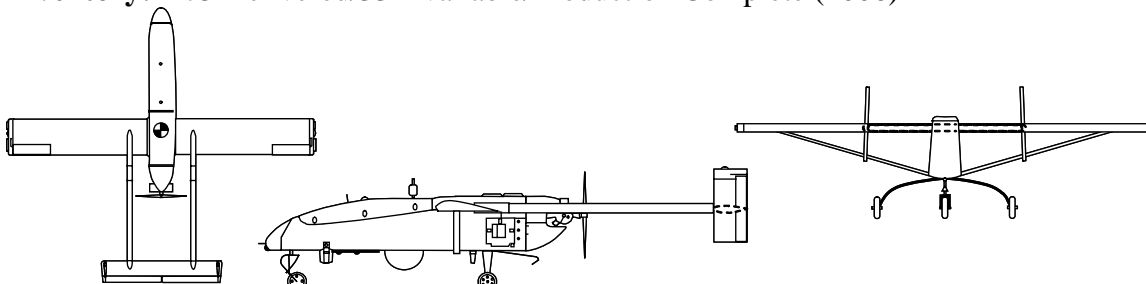


RQ-2 Pioneer

User Service: U.S. Marine Corps

Manufacturer: Pioneer UAV, Inc.

Inventory: 175 Delivered/33 Available/Production Complete (2006)



Background: The Navy/Marine RQ-2 Pioneer has served with Navy, Marine, and Army units, deploying aboard ship and ashore since 1986. Initially deployed aboard battleships to provide gunnery spotting, its mission evolved into reconnaissance and surveillance, primarily for amphibious forces. Launched by rocket assist, pneumatic launcher, or from a runway, it recovers on a runway with arresting gear after flying up to 5 hours with a 75 pound payload. It currently flies with a gimballed electro-optical/infra red (EO/IR) sensor, relaying analog video in real time via a C-band line-of-sight (LOS) data link. Since 1991, Pioneer has flown reconnaissance missions during the Persian Gulf, Bosnia, and Kosovo conflicts. It is currently flying in support of Marine Forces in OIF. The Navy ceased Pioneer operations at the end of FY02 and transferred assets to the Marine Corps. The Marine Corps is sustaining the Pioneer to extend their operations with it until replaced by the RQ-7 Shadow. <http://uav.navair.navy.mil/>.

Characteristics:

	RQ-2B		RQ-2B
Length	14 ft	Wing Span	17 ft
Gross Weight	452 lb	Payload Capacity	75 lb
Fuel Capacity	76 lb	Fuel Type	AVGAS
Engine Make	Sachs SF 350	Power	26 hp
Data Link(s)	LOS C2	Frequency	C-band UHF

Performance:

Endurance	5 hr	Max/Loiter Speeds	110/65 kt
Ceiling	15,000 ft	Radius	100 nm
Takeoff Means	RATO/Runway/ Pneumatic Launch	Landing Means	Net/Runway with Arresting Gear
Sensor	EO/IR	Sensor Make	Tamam POP 200/300

