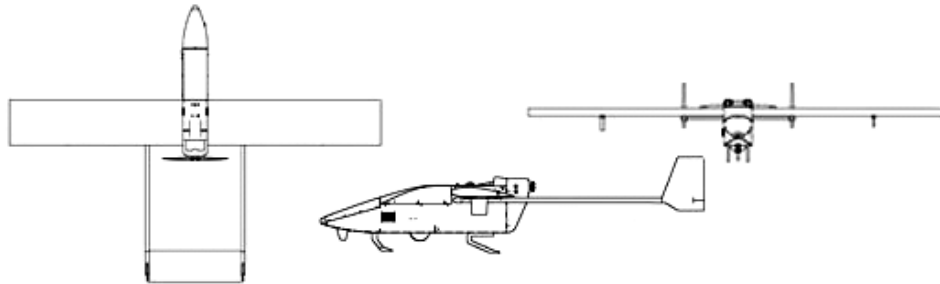


XPV-2 Mako

Users: USSOCOM

Manufacturer: NAVMAR Applied Sciences Corporation/BAI Aerosystems

Inventory: 14 Delivered/14 Planned (2006)



Background: Mako is a lightweight long endurance versatile unmanned aircraft capable of a variety of missions, yet of sufficiently low cost to be discarded after actual battle, if necessary. It is a single engine, high wing, Radio Controlled or computer assisted autopilot UA capable of daylight or infrared reconnaissance and other related missions. Although it is a relatively new aircraft, the recent modifications that included the addition of navigation/strobe lights, a Mode C transponder, dual GCS operational capability, and a new high resolution digital camera, made it a success during support to OIF.

Characteristics:

	XPV-2		XPV-2
Length	9.11 ft	Wing Span	12.8 ft
Gross Weight	130 lb	Payload Capacity	30 lb
Fuel Capacity	5 gal	Fuel Type	MOGAS/oil
Engine Make	3W 100cc	Power	9.5 hp
Data Link(s)	C2	Frequency	VHF/UHF
	Video		L-band Video Downlink

Performance:

Endurance	8.5 hr	Max/Loiter Speeds	75/50 kt
Ceiling	10,000' MSL	Radius	40 NM
Takeoff Means	Runway	Landing Means	Runway
Sensor	EO/IR	Sensor Make	BAI