

ShadowHawk® Unmanned Aerial System

FEATURES

The ShadowHawk® Unmanned Aerial System (UAS) is a multi-role platform capable of advanced Reconnaissance & Surveillance Operations.

The Piston power-plant for this UAS is capable of fully autonomous operations and can be programmed to execute up to 1,000 Digital GPS waypoints.

The Ground Control Station or GCS is completely portable as well as the Video downlink system. The video image can be stored on the internal hard drive of the computer or on an external drive. With access to the Internet or local area network, the Image can be transmitted to a central server for IP address access of the video.



ShadowHawk® Airframe Characteristics

Dry Weight:	49 lbs.	(22.2 kg)
Overall Length:	84.0 in.	(213.3 cm)
Height:	29.8 in.	(75.7 cm)
Width:	17.0 in.	(43.2 cm)
Rotor Span:	76.5 in.	(194.3 cm)
Usable Payload:	22 lbs.	(10 kg)
Range	9 miles	(15 km)
MTOW	70 lbs.	(31.75 kg)
*Endurance	Piston 3 hr.	
Optics Package	36x EO & FLIR Camera	

- Depending upon payload and environmental conditions



Ground Control Station



Video Control System



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