

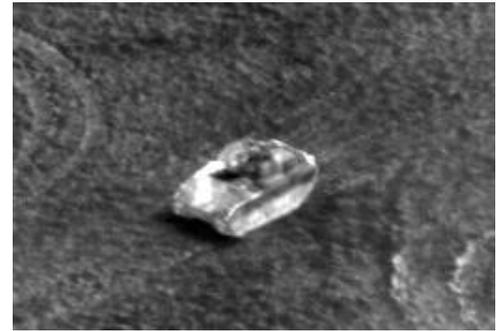
BUSTER SUAV

Sensors where you need them, when you need them

BUSTER SUAV is a fully autonomous, high endurance, man-portable system that provides a robust aerial sensor platform for night/day operations. Payloads demonstrated to date include uncooled IR cameras (up to 640 x 480), concurrent side and forward looking imagers (operator selectable), HDTV with full resolution downlink, and an acoustic detection/location system.

Upgrades under investigation:

- Heavy Fuel Engine
- Communications Relay
- On-the-Move C2



HDTV



640 x 480 CCD



640x480 UCIR



320x240 UCIR

Key System Attributes

- Fully autonomous system
- Dynamic retasking
- A/V Weight: <14lbs
- Payload: 1-3lbs
- Endurance: ~4hrs (payload dependent)
- Geo-referenced Imagery



Maximum Altitude	10,000 feet
Operational Altitude	200 ft AGL And Up
Radius of Action	10Km
Cruise Speed	65 Kts
Loiter Speed	32 Kts
Wing Span	48 inches

Video/Data Link	
Engine	
Fuel Type	
Navigation	
Battery	
Generator	

C-Band/UHF (mil spec)	
Piston, 1-cyl, 1.6 hp	
Gasoline	
GPS	
12 / 5 Vdc	
12 volt / 35 watts	