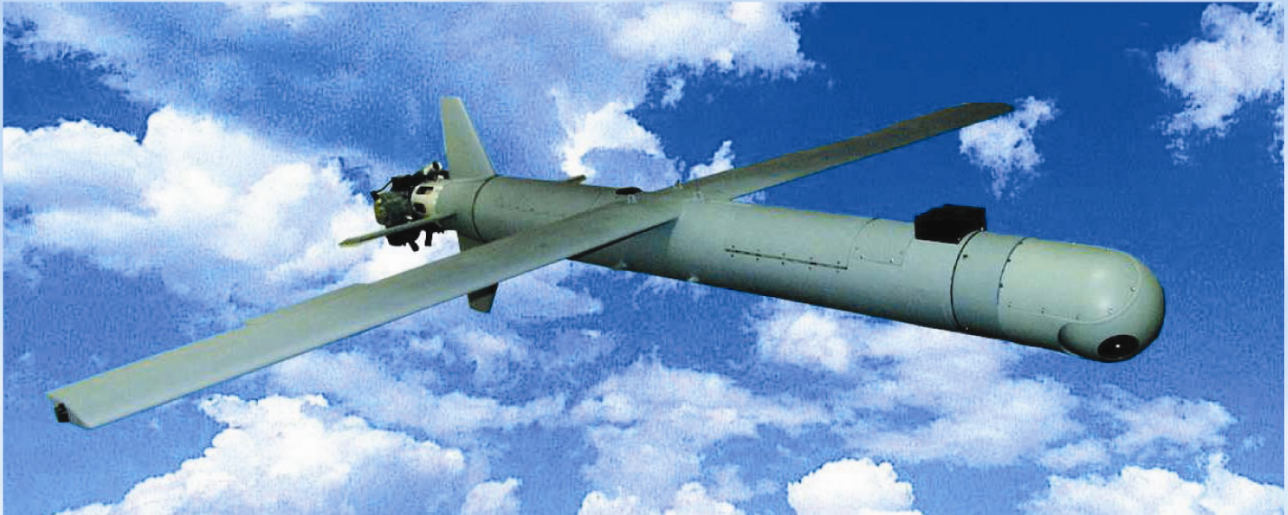


SPARROW UAV



Fully operational and affordable system to meet complex mission objectives

Sub-tactical UAV for :

- cost effective intelligence, surveillance and reconnaissance (ISR) operations
- situation awareness
- force protection and security
- remote warfare operations

Compact launch and recoverable UAV with high performance, stabilized, day/night EO payload for demanding surveillance and reconnaissance missions

Automatic launch and recovery system with fully autonomous flight using advanced avionics

Endurance of more than 4 hours with configuration weighing 40 kg with EO payload and at cruising speed

Easy operation :

- no need for external pilot
- automatic catapult launch and parachute recovery

Operational flexibility :

- two separate ground control elements consisting of, Mini Ground Control Station and Launch/Recovery Station
- Portable Video Receiving Station for front line forces

Minimal logistics :

- 2-man operation crew
- minimum auxiliary equipment for short deployment time

SPrognostic
Services Pte Ltd

627A Aljunied Road, #08-07 BizTech Centre, Singapore 389842
Tel: (65) 6741 7877 Fax: (65) 6741 7677
Email: sales@eprognostic.com Website: <http://www.epronostic.com>
Co. Reg. No. 199901723M

TECHNICAL SPECIFICATIONS

Operating Radius	>20 km (omni ant.), >120km (directional ant.)
Powerplant	2 cylinder, 2 stroke, gasoline engine (85/87 MOGAS with premix) 7.5 hp
Wingspan	2.44 m
Length	2.14 m
Max. Take-off Weight	40 kg (12 kg payload)
Endurance	4-6 hrs
Speed	60 – 100 knots IAS
Fuel Weight	8.5 kg
Payload	Day / Night electro-optical (3 km for man-sized target detection)
Datalink	2 RF command uplinks, real-time data & video downlink
Guidance / Tracking	Up to 100 waypoints. Each waypoint configurable in position, altitude, velocity & task. Waypoints can be created, modified & uploaded in flight
Launch	Catapult/pneumatic launcher system (automatic system)
Recovery	Parachute system (automatic system)
Crew	1 GCS operator, 1 launch / recovery operator
Setup Time	20 min after removal from shipping containers



Prognostic
Services Pte Ltd

627A Aljunied Road, #08-07 BizTech Centre, Singapore 389842
 Tel: (65) 6741 7877 Fax: (65) 6741 7677
 Email: sales@eprognostic.com Website: <http://www.epronostic.com>
 Co. Reg. No. 199901723M