EXPLORER

CIVILIAN PATROL UAV SYSTEM

Specifications:

Role	Patrol, research and payload test platform
Wingspan	4.51m (14 ft. 6 in)
Length	2.75 m (8 ft. 6 in)
Height	0.8 m (2 ft. 6 in)
Wing Area	1.94 sq. m (18.6 sq. ft)
Dry Weight	9 kg (19.8 lb)
Max Take off weight	20 kg (44 lb)
Fuel Capacity	10 litres
Power Plant	6 BHP Single or Twin-cylinder piston engine
Speed Range	30 - 160 kmph (20 - 100 mph)
Range (GPS/Autonomous)	120 km (75 miles)
Endurance	4-6 hours (enhanceable)
Recovery	Wheels or parachute
Stabilization	ID-AP5000 Digital Autopilot with Navigation and Stability modules
Tracking & Telemetry	ID-TM6 GPS and data telemetry module; GCS-1200 Ground Station; ATPS-1200 Antenna Tracking system.
Payload Capacity	6 kg (13 lb)
Typical Payloads	GSP-100 daylight TV camera. IR option. Digital still camera module. Research payloads. Combinations of payloads may be carried and activated as required.

INTEGRATED DYNAMICS

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