

Role Aerial Patrol, Reconnaissance and Surveillance Platform

Wingspan 4.51m (14 ft. 9 in)

Length 2.75 m (9 ft.)

Height 0.8 m (2 ft. 7 in)

Wing Area 1.94 sq. m (20.9 sq. ft)

Dry Weight 12 kg (26.5 lb)

Max Take off weight 30 kg (55 lb)

Fuel Capacity 12 litres

Power Plant 6 BHP Single or Twin-cylinder piston engine

Speed Range 60 - 160 kmph (40 - 100 mph)

Range (GPS/Autonomous) 120 km (75 miles)

Endurance 4 - 6 hours (Enhanceable)

Recovery VTOL

Stabilization ID-AP-5000 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 8 kg (17.6 lb)

Typical Payloads HD EO/IR Zoom and Thermal cameras; SAR; Laser rangefinder; Three - axis gyro stabilized gimbal Live Video Feed and on-board recording

# EXPLORER VTOL

AERIAL SHOT



IMAGERY



PAYLOAD

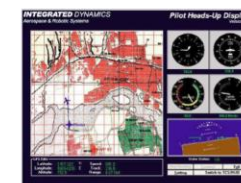
GSP-900



ATPS-1200

TRACKING

SCREEN SHOT



SOFTWARE

GROUND STATION



GCS-1200P

