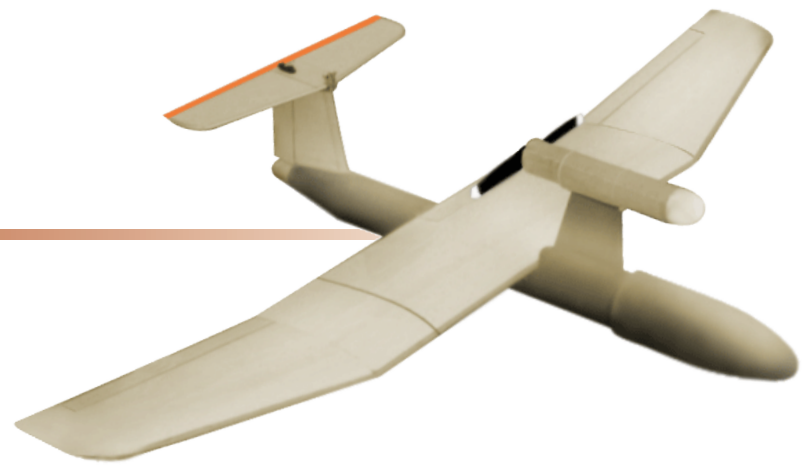


ROVER

ENG, CIVILIAN SCIENTIFIC UAV SYSTEM



Specifications:

Role	ENG, Experimental Payload testing, Aerial Photography
Wingspan	1.95m (6 ft.)
Length	0.16 m (4.5 ft.)
Height	0.3 m (1 ft.)
Wing Area	0.62 sq. m (6 sq. ft)
Dry Weight	<2.5 kg (5.5 lb)
Max Take off weight	5 kg (11 lb)
Propulsion	Electric motor
Batteries	Li-Ion batteries
Speed Range	30 – 100 kmph (20 – 60 mph)
Range (GPS/Autonomous)	>5 km (3.1 miles)
Endurance	1 hour (enhanceable)
Recovery	Deep Stall landing
Stabilization	ID-AP5000 Digital Autopilot with Navigation and Stability modules
Tracking & Telemetry	Video & data telemetry modules Laptop PC Ground Station.
Payload Capacity	1kg (2.2 lb)
Typical Payloads	Daylight TV camera/IR option. Digital still camera option.