

HG-1 & HG-1E

UNMANNED AERIAL VEHICLE

Description

The HG-1 & HG-1E are modular, fixed-wing unmanned aerial vehicles suited for wide range of applications, including those that require significant payloads and all-day flight. With a maximum payload of 12 lbs. and flight duration of up to 8 hours at full payload, it is uniquely capable of carrying multiple sensors for surveying large and complex landscapes as well as long duration reconnaissance missions.

Each model is configurable during manufacturing to fit multiple flight profiles.

Specifications

- 10 ft. Wingspan, 7 ft. in Length
- 15 lbs. Dry Weight
- Up to a 12 lbs. Payload
- 1-2 gal. Fuel Capacity
- 36 lbs. Max Takeoff
- 4-Stroke Gas or Electric Motor
- 2-Blade Propeller

Performance

- 300 ft./min. Climb Rate
- 6-8 hrs. Endurance
- 25 Knots Stall Velocity
- 35-45 Knots Cruise Velocity
- 60-80 Knots Burst Velocity
- 13,000 ft. ALS Max. Operating

