



MA Ninja Hawk & Eagle WingCopter

VERSATILE HYBRID VTOL-CRUISER

Versatile hybrid VTOL-cruiser air platform with retractable rotors for enhanced endurance and speed designed to conduct reconnaissance and surveillance missions.

The GCS provides several UAV flight control modes: Autopilot mode, Manual control mode, Pre-programmed mode, Point navigation mode, Return home mode.

Digital map: The system has the capability to load digital raster maps (CVRRG or CDRG) and the digital terrain elevation data (DTED) provided by the customer.

APPLICATIONS

- Chemical and radiation sensing
- Communications relay
- Environmental monitoring
- Firefighting & infrastructure damage assessment
- Intelligence, surveillance, and reconnaissance (ISR)
- Oil & gas pipeline monitoring
- Power line inspection
- Search & rescue operations
- Sensor and systems aerial testing platform
- Sovereign state border patrol
- Weather mapping and research
- Wildlife monitoring

SPECIFICATIONS (HAWK)

- **Wingspan:** 2.7 m
- **Wing area:** 110 sq dm
- **Length:** 1.6 m
- **Empty weight:** 5.5 kg
- **Payload capacity:** 5 kg
- **MTOW:** 7 kg + fuel
- **Cruise speed:** 90 kpm
- **Max. speed:** 120 kpm
- **Stall speed:** 50 kpm
- **Range:** 10 – 20 km
- **Max. altitude:** 3,000 m
- **Motor:** 6.7 ccs model, for diesel engine.
- **Endurance:** 2 hrs (battery), 3 hrs (fuel cells), 5 hrs (ic engine)
- **Sensors:** Video and thermal infrared cameras

M2K Technologies Private Limited

E-13/29, Harsha Bhawan, 1st Floor, Middle Circle, Connaught Circus, New Delhi 110001, India.

Mob: +91 98100 84313; dsinghal@m2kindia.com; www.m2kindia.com

Marques Aviation Ltd

5 Grosvenor Road, Birkdake, Southport, PR8 2HT, United Kingdom.

Phone: +44 (0)7721 784411; sales@marquesaviation.com; www.marquesaviation.com