

All-electric VAPOR Helicopter UAS combine an advanced autopilot, military grade components, and payload flexibility to deliver class-leading performance for defense, commercial and industrial applications. VAPOR's unique flight control system enables operators to plan, simulate and execute missions autonomously. A modular payload bay provides multi-mission capability with access to a variety of available integrated sensors, and thirdparty payloads including EO/IR, multispectral/hyperspectral, LIDAR and Drop Mechanism. Proprietary HeliSynth™ technology provides precision flight and payload control, flight path optimization and endurance capabilities.

SPECIFICATIONS

VAPOR 55

PROPULSION All-electric

GROSS WEIGHT 55 lbs (24.9 kg)

USEFUL LOAD 34 lbs (15.4 kg) (BATTERY + PAYLOAD)

ALLOWABLE

< 11 lbs (< 5 kg) PAYLOAD

WITH FULL ENDURANCE*

MAX CRUISE 60 minutes with full payload **ENDURANCE**

MAX HOVER

45 minutes with full payload **ENDURANCE**

PAYLOAD OPTIONS



Sensor



Hyperspectral Mapping









Multi-Payload Drop Mechanism



The VAPOR 55 tactical Helicopter UAS provides unprecedented ease of use, payload capacity up to 11 lbs., and the longest endurance of any electric helicopter in its class. A large payload bay provides access to a variety of sensors, with drop mechanism and third party payload options.

VAPOR 35

PROPULSION All-electric **GROSS WEIGHT** 32 lbs (14.5 kg) **USEFUL LOAD** 16 lbs (7.26 kg) (BATTERY + PAYLOAD) **ALLOWABLE** <5 lbs (2.27 kg) PAYLOAD WITH FULL ENDURANCE* **MAX CRUISE** 60 minutes with full payload **ENDURANCE** MAX HOVER 45 minutes with full payload **ENDURANCE**

PAYLOAD OPTIONS



Sensor

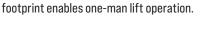






EO/IR Hyperspectral Mapping





^{*}Heavier Payload Configurations Available



Featuring an advanced blade design with tuned flapping dynamics,

battery charge. A modular payload bay provides the flexibility for a

variety of sensors (or dual sensor configurations). Reduced packout

the VAPOR 35 delivers up to one hour of flight time on a single