

P550[™], an autonomous all-battery Group 2 eVTOL UAS, redefines battlefield adaptability, setting a new standard for rapid deployment in any environment. Leveraging proven advanced AI and autonomy, P550 enables smarter, safer operations. P550's Modular Open Systems Approach (MOSA) enables seamless integration with third-party payloads, datalinks, control and mission software offering unmatched adaptability to evolving mission demands. With a multi-sensor payload capacity of up to 15 pounds and enhanced lethality options, P550 excels in dynamic, contested environments, providing superior situational awareness, precision targeting, and reliable force protection.

Redefining Battlefield Adaptability

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Distinctions



LINK RANGE 40 km Standard; Up to 60 km with DDL range depending on GCS Radio

WINGSPAN WEIGHT 17 ft (5 m) Up to 55 lb (24.9 kg) MGTOW LENGTH

9 ft (2.8 m)



_Specifications

Up to 15 lb (6.8 kg)
15-27 m/s (30-52 kts)
Max. Flight DA 14K ft (4267 m) Max. Launch DA 10K ft (3000 m)
Silvus; DDL
1-person operation
Vigilant Spirit GCS with Quattro STANAG 4586 (Baseline) & Kinesis GCS (Future)
IP-54 // -4 to 122 °F (-20 to 50 °C)

[MODULAR PAYLOAD]









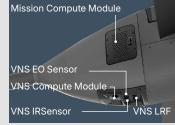
BASELINE ISR

ADVANCED ISR

[ADVANCED AI & AUTONOMY]

GUIDED MUNITION

ISR/EW/ RELAY



INTEGRATED VNS

_Key Features

AVACORE[™]/SPOTR-EDGE

- > Rugged, reliable, portable all-weather tactical eVTOL
- > Up to 15 pounds multiple modular mission payload capacity
- > Low logistics footprint with up to 5 hours of all-battery endurance
- > Advanced mission system enabling secure ATR/Autonomous missions
- > mDDL-FH // Advanced Day-Night VIO Navigation for A2/AD Ops
- > Modular architecture supporting 3rd party payloads, radios, and control options

[MISSION VARIANTS]



READY-TO-FLY IN <10 MIN Tool-free Connections for Easy Assembly and Teardown



MAN-PORTABLE // HMMWV, JLTV Durable Vehicle/Payload/GCS Cases for Portability, Storage, and Mission Prep



MISSION TURNAROUND <5 MIN Hot Swappable Batteries and Modular Payloads

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