

P550™ ALL-ELECTRIC VTOL UAS



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.

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Redefining Battlefield Adaptability

P550™

DISTINCTIONS



LINK RANGE

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



WINGSPAN

17 ft (5 m)

LENGTH

9 ft (2.8 m)



WEIGHT

Up to 55 lb (24.9 kg) MGTOW



ENDURANCE

Up to 5 hr

SPECIFICATIONS

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

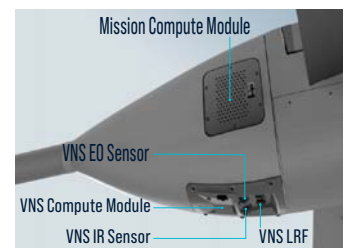
MODULAR PAYLOAD



ADVANCED AI & AUTONOMY



AVACORE™/SPOTR-EDGE



INTEGRATED VNS

KEY FEATURES

- » 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

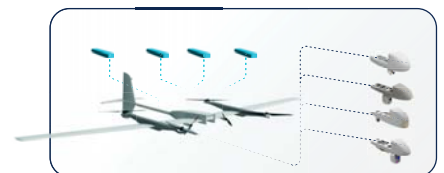
Tool-free Connections for Easy Assembly and Teardown

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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