

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.

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)
MGTO



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]



**BASLINE
ISR**



**ADVANCED
ISR**



**GUIDED
MUNITION**

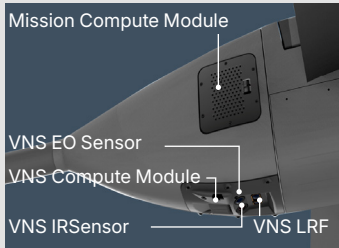


**ISR/EW/
RELAY**

[ADVANCED AI & AUTONOMY]



AVACORE™/SPOTR-EDGE

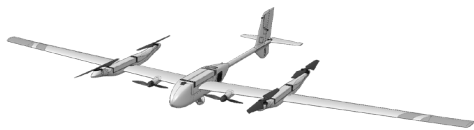


INTEGRATED VNS

_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]



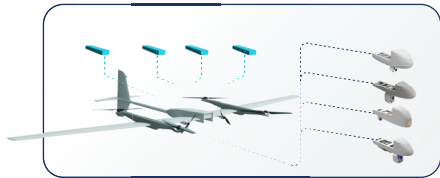
READY-TO-FLY IN <10 MIN

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