



SCALABLE BY DESIGN

We've focused on manufacturability and lifecycle sustainment, creating a modular, open architecture platform for rapid deployment, rapid refueling, rapid configuration changes, and rapid repair. Manufactured with a DOD compliant supply chain.

- 12+ hr endurance with 5kg payload consuming 100W
- 20+ hr endurance with minimal mission payload
- 5kg mission payload/releasable package while remaining 55lb GTOW
- Hydrogen electric powered
- 1000+ hr system Time Between Overhaul
- Under 5-minute assembly time out of box, no tools required
- Under 1-minute to swap mission payload, no tools required
- Under 1-minute to refuel (swap H2 cylinder), no tools required
- Multiple payload locations, each compliant to USSOCOM MOD Payload
- Less than 1-minute to change the center of gravity with a flight configuration change, no tools required
- Fully autonomous flight ready
- Less than 200m expected acoustic detection range
- CANbus architecture reports onboard system diagnostics and faults real-time
- AS9100 certified production ready
- Configurable in the field with no tools or software modifications required
- Significantly better endurance & payload capacity than other electric aircraft & significantly better acoustics and reliability than engine-powered aircraft.

Z1 VTOL sUAS

MODULAR

RELIABLE

MANUFACTURABLE

MILITARY GRADE

**ZEPHER
FLIGHT**
LABS



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