TYCHO.AI

HALLEY

FAST + AGILE GRP 1 UAS

[MULTI-MISSION VERSATILITY]

C-UAS Intercept
One-Way Attack
Swarm Formations
Low, Fast, Agile Flight
GPS-Denied + Degraded Ops



HALLEY GRP 1 VTOL UAS

AGILE AUTONOMY

FOR CONTESTED AND DENIED DOMAINS



[KEY FEATURES]

- **Versatile Tailsitter Airframe:** Vertical take-off and landing with seamless transitions from hover to efficient winged cruise, combining extensive range with best-in-class dash speed
- **Rapidly Deployable:** Foldable for backpack carry or launch remotely from a custom hardened container
- **Fully Autonomous or FPV:** Using the Tycho.AI Horizon autonomy stack, flexible operations from full autonomy to semi-autonomy to FPV via satcom
- **Kinetic and Custom Payloads:** Kinetic payloads for C-UAS intercept and one-way attack missions or custom payloads offering cost-effective upgrades that enhance lethality, efficiency, survivability, and strategic impact across domains

[SPECS]

WEIGHT	2.5 KG
DIMENSIONS	18" X 20" X 13"
RANGE	50 KM // 30 MI
XR RANGE *with optional wing tips	80 KM // 50 MI
MAX SPEED	200 MPH
PAYLOAD CAPACITY	2.2 LBS // 1 KG

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