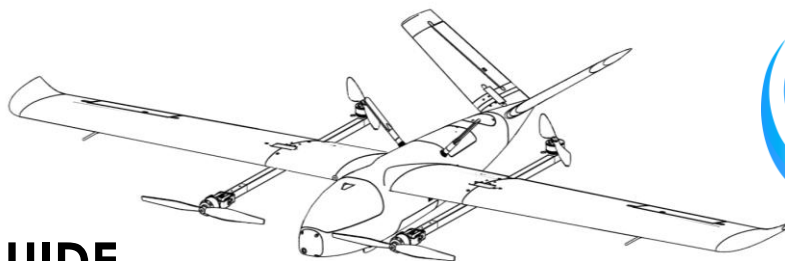


Brolga UAS

QUICK-START GUIDE



The Brolga User Manual must be fully read and understood prior to using this Quick-Start Guide

MISSION PLANNING

Weather suitable for operation Check

- Wind limit (steady): 8 m/s
- Wind limit (gust): 12 m/s
- Ambient temperature: 5 - 36°C

Mission uploaded and verified Check

- Altitude set correctly
- Transition heading facing into a headwind
- Geofence configured around the operations area
- Sufficient buffer between the waypoints and the geofence

Batteries Charged

- UAS batteries
- Herelink controller
- Laptop (if required)

ASSEMBLY

Wing and tail sections installed and latched Check

Propellers installed correctly (rotation and orientation) Check

UAS free of damage (punctures or cracks) Check

Battery installed and balanced using balance points Check

Aircraft level and stable on the ground Check

POWER-ON

Power on the Herelink controller Check

Power on the UAS Check

Connection established Check

Battery voltage sufficient Check

GPS lock achieved Check

No pre-arm checks failing Check

Mission loaded and visible on map Check

Control surfaces functioning correctly Check

Front motors tilting when commanded Check

Airspeed reading <2m/s while stationary Check

ARM & TAKEOFF

Launch area clear

Check



Slide to confirm

Monitor climb and transition

Check

Verify the UAS is tracking the mission waypoints correctly

Check

Monitor key system information throughout the entire mission

Check

- Airspeed
- Altitude
- Heading
- Battery voltage

FLIGHT MODE BUTTONS

A	QLOITER	VTOL hover and position hold
B	AUTO	Complete the uploaded mission
HOME	RTL	Return and land at launch point
C	LOITER	Fixed-wing circle around a point
D	n/a	Unassigned

EMERGENCY PROCEDURE

