
IF750 Preflight Checklist

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Checks Before Power ON

- ☐ Launch area is secure and personnel are positioned at a safe distance from the aircraft.
- ☐ The landing gear are fully seated in the aircraft, and firmly tightened.
- ☐ The landing gear ratcheting clamps face outboard.
- ☐ All four arms are lifted and secured into place.
- ☐ The GPS mast is lifted and latched on both sides.
- ☐ The propellers are mounted in the proper locations and are secured tightly (be sure screwheads are flush, and the screws are torqued to 0.9NM using the included torque driver.)
- ☐ The propellers rotate freely, and are free of nicks and other damage
- ☐ The antenna(s) is(are) plugged into the top of the hand controller or telemetry unit.
- ☐ (If applicable) The payload has been installed, balanced, and secured tightly.
- ☐ The batteries are properly strapped into the aircraft, and the balance plugs are on the bottom sides of the battery, free from obstructions.

Checks After Power ON

- ☐ Plug the battery cables into the aircraft one at a time.
- ☐ The aircraft battery level shown in QGC is above 50%, or a percentage sufficient for the mission.
- ☐ The ground station battery level is above 50%, or a percentage sufficient for the mission.
- ☐ The ground control station (laptop or HereLink) is connected to the aircraft.
- ☐ The GPS indicator LED is fading between green and red.
- ☐ At least 10 satellites are shown in QGC.
- ☐ The heading and attitude of the aircraft matches the heading and attitude shown in QGC (Rotate and tilt aircraft with a second person to be sure).
Note: The aircraft's compass is calibrated at the factory, and typically, doesn't need to be re-calibrated. Compass calibration may be necessary if significant hardware changes have been made, or if metal has been added to, or removed, from the aircraft.
See Calibrate the Compass in the IF750 User Manual.
- ☐ Position flight mode is indicated in QGC.

After Arming:

- ☐ Verify all propellers are spinning before takeoff.
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