UAV Checklist: UAV Name, Nickname, etc.
Pre-flight (Field Ops)

Make & Model -- S/N: xxxxxxxxx
FAA Registration: xxxxxxxxx
Extra Tracking Information

WARNING!!!
Verify correct Home-Point (HP) is set...
Verify / Set Return-To-Home (RTH) height...
Calibrate compass before commencing operations...
Monitor remaining flight time bar...

Inspire Compass Calibration Procedure:

Calibrating the Compass

IMPORTANT: Make sure to calibrate the compass in every new flight location. The compass is very sensitive to magnetic interference, which can cause erroneous compass readings leading to poor flight performance or even failures. Regular calibration is required for optimum performance.

- DO NOT calibrate the compass where there is a chance of strong magnetic interference, such as magnets, passing structures, and steel reinforcements underground.
- DO NOT carry ferromagnetic material with you during calibration such as keys or cellular phones.
- DO NOT calibrate beside massive metal objects.

Calibration Procedures

Choose an open space to carry out the following instructions.
1. Ensure that the compass is calibrated. If you did not calibrate the compass as part of your preflight preparations, or if you have moved to a new location since the last calibration, tap Aircraft Status Indicator on the app and select “Calibrate”. Then follow the on-screen instructions.
2. Hold and rotate the aircraft horizontally 360 degrees, and the Aircraft Status Indicator will display a solid green light.
3. Hold the aircraft vertically with nose pointing downward, and rotate it 360 degrees around the center axis. Recalibrate the compass if the Aircraft Status Indicator shows solid red.

When to Recalibrate
1. When compass data is abnormal, and the Aircraft Status Indicator is showing red and yellow.
2. When flying in a new location, or a location that is different from your last flight.
3. When the mechanical structure of the Inspire 1 has changed, i.e., changed mounting position of the compass.
4. When severe drifting occurs in flight, i.e., the Inspire 1 does not fly in straight lines.