



FLARM QUICK CHECKLIST

This Quick-Checklist is intended to support your FLARM installation and commissioning activities.

In any case, also consult the Installation and Operating Manuals.

We recommended filling out this Checklist and to store it together with the official aircraft files.

Aircraft registration: Aircraft type:
FLARM serial number:
Checks done by:
Place and date: Signature:

Check the following items during installation:

- Most up-to-date **Installation Manual** consulted? *most up-to-date v4.06*
- Radio antenna** fully attached by tight screwing?
- Radio antenna** including cap adequately placed?
- vertical position
- unobstructed radiation to all sides, neither metal nor carbon alongside or above
- doesn't touch cockpit canopy, is not bent and plastic is not rubbed of
- GPS antenna** plugged in?
- GPS antenna** adequately placed? Unobstructed view of the sky, neither metal nor carbon alongside or above
- Enough **spacing** between all radio and GPS antennae incl. those from other devices?
- Installation and wiring suitable even for severe **turbulence** and accelerations?
- No obstruction of canopy jettison or emergency exit** by installation and wiring?
- No **wiring** bent or under stress?
- All **wiring** correct, and remaining wires individually insulated?
- Separate **electrical fuse / circuit breaker** installed and accessible?
- Display** visible, **sound** audible and **push button** accessible?
- Device accessible for software and obstacle-data **updates**?

Check the following items after installation:

- Aircraft type configuration** correctly set with PC software?
Options are **Tow plane - Helicopter - Powered airplane - Glider**
- Most up-to-date **software-version** uploaded? *most up-to-date v4.06*
- Most up-to-date **obstacle-data** uploaded? *most up-to-date Jan 26, 2009*
- Device readiness** (after some minutes all Power/GPS/Send diodes are continuously on)?
Receive test (requires other aircraft with active FLARM on ground)?
- No interference or adverse effects** with other essential systems, e.g. compass, radio, FADEC?
- Official aircraft files** updated? (includes S/N, software-version, obstacle-data-version, aircraft type configuration, installation location device / display / GPS antenna / radio antenna / circuit breaker)
- Deadline for **mandatory software-update** noted? *currently January 2011*

Prior to each flight, always check the following items:

- Device readiness** (after some minutes all Power/GPS/Send diodes are continuously on, no errors displayed)?
Receive test (requires other aircraft with active FLARM on ground)?
- Most up-to-date **Operating Manual** consulted, and manual on board? *most up-to-date v4.06*
- Select appropriate **sound volume** and **operating mode**
- Most up-to-date **software-version** uploaded? *most up-to-date v4.04*
- Most up-to-date **obstacle-data** uploaded? *most up-to-date Jan 26, 2009*