



# 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 v5.00*
- 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 v5.00*
- Most up-to-date **obstacle-data** uploaded? *most up-to-date Feb 21, 2011*
- 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? *for v4: Feb 2011; for v5: Feb 2015*

## 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 v5.00*
- Select appropriate **sound volume** and **operating mode**
- Most up-to-date **software-version** uploaded? *most up-to-date v5.00*
- Most up-to-date **obstacle-data** uploaded? *most up-to-date Feb 21, 2011*