



Safety Equipment Requires Care and Maintenance

- Install and configure according to product-specific instructions. Configure your assigned aircraft address, type, and privacy needs.
- Verify the effectiveness of the installation and configuration after flight using online range analyzers, then improve if required. Repeat this whenever required, but at least annually.
- Update at least every 365 days to avoid firmware and/or obstacle database expiration.
- FLARM requires good GPS reception to operate. Install the GPS antenna with an unobstructed view of the sky in all flight attitudes and at least 30 cm (1 ft) away from any other antenna and from a compass.
- Radio range is key for early traffic warnings and depends on a good installation of radio antennas and cables. Radio signals require an unobstructed line of sight and must be vertically polarized; thus avoid conducting materials (metal, carbon) in any direction you expect FLARM to be effective. Nearby antennas, conducting materials, compass or cables may cause interference, reduce effectiveness and/or even damage your equipment. Keep your antennas at least 30 cm (1 ft) away from any other antenna, and without direct contact to your canopy. Do not use splitters for FLARM radio signals. Read the document "FTD-041 Application Note FLARM Antenna Installation" for further guidance on antennas.
- Avoid using non-approved third party antennas or antennas without proper shielding or insulation, as they may damage your equipment beyond warranty. Also, don't shorten antenna cables and don't bend them below specified minimum radius. Don't apply excessive force when mounting connectors as they may not fit (connector type, gender, polarity). Replace defective cables, connectors and antennas.
- Ensure that your FLARM display is properly configured and communicates correctly with the FLARM device.
- Use PowerFLARM for better performance, range and radio diversity.
- Familiarize yourself prior to the flight with your device and the technology in detail, to operate in a safe and efficient manner and know the limitations.
- In case of questions, consult the manual, then your local dealer, then the manufacturer of your equipment. ■