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Product
Airkit GI Antenna

Revision
None

Title
Installation Tips

Description

The term “GI” means Ground Independent. This means the Airkit GI does not require a ground plane from the airframe to operate. The antenna instead uses a dummy load on the base of the antenna.

For composite and wood aircraft, the installation requires the drilling of a single hole, typically on the top of the fuselage. The plastic centre terminal is fitted to the hole from the inside and secured by screwing on the antenna element.

For open airframe such as trikes, the Airkit GI antenna can be installed using an angle bracket. In these cases the plastic centre terminal is fitted to the bracket, and secured by screwing on the dummy load. The threaded stud for the antenna element should never be used for these types of installation.

Tips

Use sealant sparingly at the base of the antenna element. Apply only after the element has been well started on to the thread to ensure a good electrical contact.

Select a mounting position where there are no metal airframe members close and parallel to the antenna element.

Try to mount as far away from the engine as possible.

The Airkit GI antenna is not recommended for metal skin aircraft.

