



## Microair Avionics Pty Ltd

ABN 92 091 040 032

PO Box 5532  
Airport Drive  
Bundaberg West  
Queensland 4670 Australia

Phone: +61 7 4155 3048  
Fax: +61 7 4155 3049  
Email: info@microair.com.au  
Web: www.microair.com.au

**Product**  
Comant CI-292-1 Antenna

**Revision**  
None

## Title

### Installation Tips

### Description

The CI-292-1 is well made and offers good performance. It's design makes it a good choice for mounting on the topside of the airframe.

For Metal skin airframes use the manufacturer's drawing to template the bolt holes for the antenna base. Ensure that the location is clear of the ground by approx 50mm when the aircraft is in its normal stance. The Antenna must ground to the skin of the fuselage to achieve a ground plan.

For composite and wood airframes, it will be necessary to provide a ground plane on the inside of the fuselage to complete the installation. The ground plane is typically a circle of light gauge aluminium sheet, with a radius > 300mm to be affective.

### Tips

Use a sealant sparingly to ensure that the electrical connection to the skin of the fuselage is not isolated.

Mount the antenna as far away from the engine as possible.

Mount the antenna away from metal airframe members (such as undercarriage legs).

