TRIG WARRANTY

Trig Avionics warranty runs for a two-year period, starting from the date of installation.

This warranty covers repair and/or replacement at our option, of any parts found to be defective, provided such defects in our opinion are due to faulty material or workmanship and are not caused by tampering, abuse, or normal wear.

Our warranty service is provided FCA our location or our other associated Trig Service Centres.

Trig Avionics will not accept or pay for any charges for warranty work performed outside our factory without prior written consent.

This warranty applies only to products in normal use. It does not apply to units or circuit boards defective due to improper installation, physical damage, tampering, lightning or other electrical discharge, units with altered serial numbers, or units repaired by unauthorized persons or in violation of Trig Avionics service procedures.

Trig Avionics assumes no responsibility for any consequential losses of any nature with respect to any products or services sold, rendered, or delivered.

Out of Warranty Repairs

Trig provides product support beyond the warranty period of two years. After this period, any avionics requiring repairs should be returned to one of our Approved Trig Dealers. If a repair is necessary this will be charged at a standard rate, irrespective of the nature of the fault. Trig guarantees to repair or replace a product even if the cost of the repair exceeds our standard charge. If you wish to access our out of warranty support, then please contact your Approved Trig Dealer or Trig Support for further information.

TA14 INSTALLATION GUIDE

02457-00 AA

Trig Avionics
Hardwareweg 3
3821 BL Amersfoort
Netherlands

Thank you for purchasing a Trig TA14 transponder antenna.

This pack contains installation information and support and warranty information.

All our avionics are thoroughly tested prior to despatch and are designed to provide years of trouble free service. To access technical support for your Trig Avionics product you should first contact your Approved Trig Dealer.

If you have any further technical questions, then please access your closest Trig Service Centre through the support section of our website.

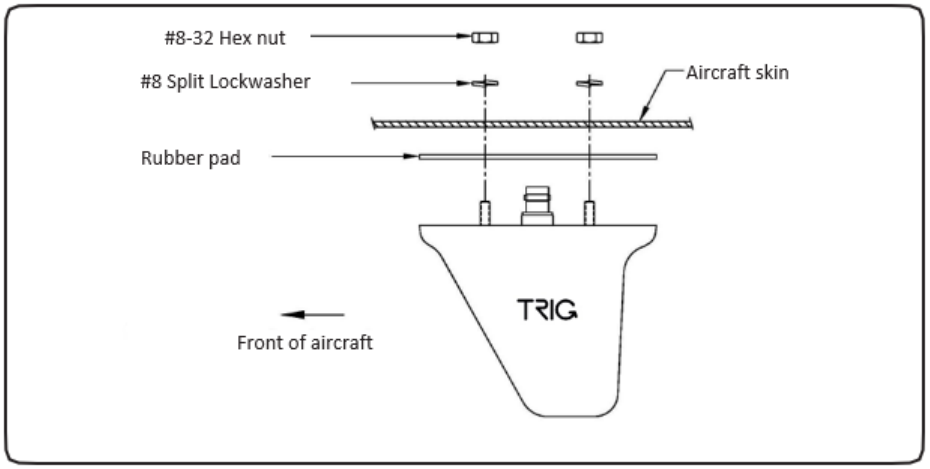
www.trig-avionics.com/support/

Thanks,

The Trig Team
enquiries@trig-avionics.com

INSTALLATION GUIDE

The following instructions are for fitting the antenna to a metal-skinned aircraft. If you are fitting the antenna to a composite aircraft you must add a metallic ground plane of not less than 150 cm^2 (24 square inches) behind the antenna.



1. The mounting location should be at least 18” from any other metal protrusions and on as flat a surface as possible, typically on the underside of the aircraft.
2. Using the template provided, drill two mounting holes and one hole for the connector.
3. Mount the antenna by placing the rubber pad (provided) between the antenna base and the aircraft skin. Insert the hardware provided, as shown and tighten all mounting screws securely to provide a good electrical contact to the aircraft skin or ground plane.
4. Connect the antenna to the aircraft radio using RG400 or similar 50 ohm coax cable, with a BNC type male connector attached to the antenna end of the cable (not supplied). Terminate the other end of the cable with a suitable connector to mate with the aircraft radio.

SPECIFICATION SHEET

TA14 – Transponder/ DME Antenna - blade

The TA14 is a broadband blade type antenna for transponder or DME application. The antenna has longer mounting studs for a variety of mounting locations.

The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 0.09 lb @ 250 mph.

The TA14 is certified to FAA TSO-C66c and TSO-C74c.

Specifications:

Frequency:	960 – 1220 MHz
Impedance:	50 ohm nominal
VSWR:	1.5:1 maximum
Polarization:	Vertical
Pattern:	Omni-Directional
Connector:	BNC female
RF Power capacity	2.5 kW Peak
Gain	Unity
Max. height/ weight	86 mm (3.4”) – 90 g (0.2 lb)