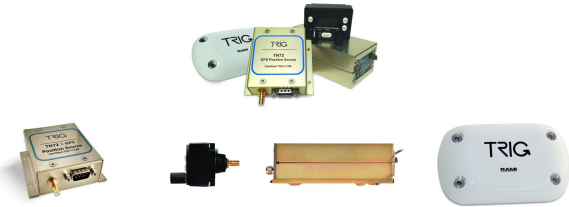


TN72 ADS-B BUNDLE



TN72 ADS-B BUNDLE

Trig has created the TN72 ADS-B Bundle for light-sport, experimental and home built aircraft owners operating in the US.

Used together the bundle is a highly affordable solution that is FAR91.227 compliant. This bundle will allow you to become ADS-B Out equipped and fly in 2020 rule ADS-B airspace.

The TN72 ADS-B Bundle includes:

- 1 x TT22 – Mode-S, 1090ES, certified compact transponder
- 1 x TN72 – FAR 91.227 compliant certified GPS position source
- 1 x TA70 – certified WAAS GPS Antenna

Contact your nearest Approved Trig Dealer now and benefit from our smart, affordable and future proof bundle that costs less than \$3000 (ex.tax).

FEATURES

COMPACT AND LIGHTWEIGHT

The ADS-B bundle installation options are versatile and practical. Each of the products within the bundle are lightweight and compact. The transponder hardware back box, and TN72 GPS can be installed away from your panel saving space and easing installation. The TC20 transponder control head includes a built in altitude encoder and can be installed in a 2 1/4" round mount or in a space saving compact mount.

ALREADY FLYING WITH TRIG?

If you are already a Trig pilot and flying with a TT22 transponder, then adding a TN72 GPS position source and GPS Antenna to your installation will provide ADS-B Out. This is a simple installation and makes sense – you already have half the solution.

ALTERNATIVE PRODUCTS

For installations where space is tight, we offer a highly compact puck GPS antenna called the **TA50**. This is an uncertified, lightweight and discreet. The antenna cable is available in 100cm or 300cm lengths. If you would prefer this option then ask your dealer to order the TT22 transponder, TN72 GPS position source and a TA50 antenna individually.

WARRANTY AND SUPPORT

All Trig products ship with a two year warranty, this starts from the date of installation not from the date of purchase. All software updates are free from our [Service Center \(in Kansas Wichita\)](#) and the team can turn this around for you in five working days (excludes shipping costs).

VERSIONS

Product	Included	Certification	Availability	Sales Part Number
ADS-B Bundle	TT22 – Mode S Transponder TN72 – GPS Position Source TA70 – WAAS GPS Antenna	FAR 91.227 compliant	The bundle is only available to purchase in the US. Pilots flying outside of the US can buy each item individually and may wish to swap the TT22 for a TT21 transponder.	02016-00

SPECIFICATION

Specification	TT22 Transponder	TN72 GPS Position Source	TA70 WAAS GPS Antenna
Type	Transponder Class 1 Mode S level 2ets ADS-B Class B1S	TABS GNSS	WAAS GPS antenna
Certification	ETSO C88A, C112C, C166A TSO C88b, C112c, C166b, approved for IFR and VFR flight	TSO-C199 Class B	TSO-C190
Compliance	ED-73C, DO-160F, DO-178B Level B, DO-254 Level C, DO-260B, DO-181D	TSO-C199 Class B, DO-160G	DO-301, DO-160G
Supply Voltage (DC)	9-33 V	11 – 33 V	4.5-14.5 VDC
Typical Consumption at 14v	idle: 0.15A active: 0.34 A	at 14V – 0.1A	40mA Typ / 60mA max
Nominal Transmitter Power	250 W at connector	N/A	N/A
Operating Temperature	for the transponder -40°C to +70°C for the controller -25°C to +70°C	-40°C to + 70°C	Operating temperature-40o – +105o
Cooling Requirement	no fan required	no fan required	N/A
Connector	N/A	GPS (power, ground and GPS data) – 9 way D type Antenna – 5V phantom power – QMA male	The TA70 has a screw TNC connector.
Weight	for transponder: 440g / 0.8 lbs for control head: 90g / 0.11 lbs	110 grams / 3.8 ounces	0.31 lbs
Dimensions	controller: H 1.8 x W 2.4 x L 2.1 inches transponder in tray: H 1.8 x W 2.6 x L 6.2 inches	H 1.2" x L 3.6" x W 2.5" (W with base flange 3.2")	1.59" x 2.87" x 4.71"

