

TN70 GPS RECEIVER



TN70 – ADS-B, FULL COMPLIANCE FOR CERTIFIED TYPES

If you're an aircraft owner looking for a fully compliant ADS-B Out solution, (usually in mandated airspace) then the TN70 is the ideal partner for a Trig transponder. The TN70 is simple to install and provides a great way to add a certified FAA TSO-C145 WAAS GPS receiver to complete your ADS-B Out installation.

FEATURES

- WAAS GPS receiver – kit includes Trig's TA70 antenna
- Meets TSO-C145 – compliant for 2020 ADS-B
- Complete your ADS-B Out solution
- Requires no panel space – lightweight and easy to install
- Compatible with Trig transponders

COMPATIBLE PRODUCTS

The TA70 certified WAAS antenna is designed to compliment the TN70. The TN70 comes with the TA70 antenna as a bundled kit, optimised for the best results. We do not sell the TN70 as a stand alone unit.

ADS-B

Trig are leaders in ADS-B technology (Automatic Dependant Surveillance Broadcast) we were the first company in the world to meet FAA TSO-C166b, the latest standard for ADS-B transponders. Every Trig transponder is Mode S, but also ADS-B capable. Once installed ADS-B equipment transmits your aircraft's precise location directly to other ADS-B equipped aircraft, improving your electronic visibility and safety. To learn more about ADS-B go to our [Knowledge Bank](#) article

VERSIONS

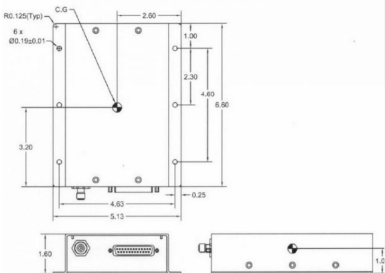
| Product/ Model | Type | Supply Voltage | ADS-B 2020 Compliance (US) | Does this GPS come with the TA70 certified antenna? | Sales Part Number |
|----------------|---------------------|----------------|---|---|-------------------|
| TN70 | GNSSU/GPS SBAS/WAAS | 9-23V | Yes – the TN70 will enable ADS-B Out and meets the latest FAA requirements. | Yes | 01381-00 |

SPECIFICATION

| Specification | TN70 GPS Receiver |
|------------------------------|--|
| Type | GNSSU/GPS, SBAS/WAAS |
| Certification | TSO-C145c, Beta 1 Receiver |
| Compliance | DO-229D, DO-178B level C, DO-254 level C D0-160F |
| Supply voltage (DC) | 9-32 Volts |
| Typical consumption (at 14v) | Typical: 0.2 Max: 0.3A |
| Operating temperature | -55°C to +70°C |
| Operating height | 110,000 feet |
| Cooling requirement | no fan required |
| Weight | 1.06 lbs |
| Dimensions (inches) | 1.6" x 4.13" x 6.5" |

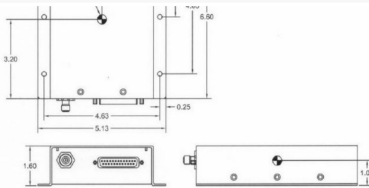
6.16 Physical Characteristics

Figure 3 shows the TN70 Receiver physical dimensions.



(Dimensions in Inches)

Figure 3: TN70 Physical Dimensions



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