TN72 GPS RECEIVER



In the U.S. the TN72 can be used by exprule (FAR91.227).

een fitting a TN72, it uses one of two different configuration options in the transponder settings (see below). The TN72 charae is the same in either installation, you may require a software update and you will need to install a TA50 or TA70 GPS serions.

TN72 GPS – TABS C199 (Traffic Awareness Beacon System) this configuration uses SIL 1/ SDA 1 in the transponder settings. TABS is the FAA technical standard that enables voluntary equipage of ADS-B Out. The TN72 using TABS is ideal for 'voluntary' equipage in Europe or where ADS-B Out is not mandated.

TN72 GPS – (X) SIL 3 configuration, this uses SIL 3/ SDA 2 in the transponder settings, typically in the U.S. and fully satisfies the technical requirements of FAR 91 227 for 2020 compliance. Light-sport, experimental and homebuilt pilots who have fitted a TN72 are now flying inside ADS a direpsee and here passed FAA compliance checks with flying colours.

Glider customers in the U.S. looking to get ADS-B equipped may wish to see our ADS-B gliding guidance document this highlights equipment and regulations, for both certified and experimental gliders. In the U.S. certified gliders and Part 23 aircraft, operating outside of U.S. 2020 rule ADS-B airspace can be use the TM72 to enhance visibility and trigger ADS-B In traffic.

Simple ADS-8 Out upgrade for all Tilig transporters
Statelle for Voluntary, use in both centrified and uncertified all conditions for the Mod 200 ADS (and the Mod 200 ADS (

Broadcastl and the first company in the world to ransponder is Mode S, but also ADS-B Out capab in directly to other ADS-B equipped aircraft – imp

Product	Transponder Configuration	ADS-B Suitability	Compliance	Supply Voltage	Antenna	Options	Sales Part Number
TN72	X (SIL 3)	U.S. – TN72 allows light-sport, home built and experimental aircraft to thy in U.S. 2020 rute ADS-B airspace.	FAR 91.227 (GPS source)	11-33V	Fit a TA70 antenna or TA 50 compact antenna	ADS-B – Light- sport Bundle available includes TT22, TN72 and TA70 antenna that can be ordered as a single kit.	TN72 01685-00-03 LSA Bundle 02016-00
		Can also be used by experimental gliders in U.S. 2020 rule ADS-B airspace.					
TN72	TABS (SIL 1)	Europe – ideal for voluntary VFR use	TSO-C199	11-33V	Fit a TASO compact antenna		TN72 01685-00-0
		U.S. – suitable for voluntary use (including certified gliders and Part 23 a/c) for use outside of ADS-B 2020 rule airspace.			or a TA70 certified GPS antenna (may be necessary in high wing	Conspicuity Bundle TT21/TN72 and TA50 (I.m) that can be ordered as a single kit	Conspicuity Bundle 02375-00
		Australia – approved for use in gliders 9 balloons			aircraft)		

pecification	TN72 GPS Receiver				
ype	TABS GNSS				
Certification	TSO-C199 Class B				
Compliance	TSO-C199 Class B, DO-160G				
upply voltage (DC)	11 – 33 V				
ypical consumption (at 14v)	at 14V - 0.1A				
perating temperature	-40°C to +70°C				
cooling requirement	no fan required				
Veight	110 grams / 3.8 ounces				
Connector	GPS (power, ground and GPS data) – 9 way D type Antenna – 5V phantom power – OMA male				

