

2020 COMPLIANCE IN ONE BOX

Stratus ESG is a TSO certified* transponder that provides 2020 compliance in one box. It's a 1090 MHz extended squitter (ES) transponder with built-in WAAS GPS. Designed to replace legacy transponders, Stratus ESG is a solid state transmitter that provides 310 watts nominal power output. Its modern keypad makes entering a squawk code easy. The convenient VFR button minimizes pilot keystrokes.

SIMPLE INSTALLATION

Stratus ESG is a form-factor replacement for existing transponders — such as the popular KT 76A/C** — so installation is more time-efficient compared to remote boxes that need to be integrated with your old transponder. A TSO'd WAAS GPS antenna is included in the kit, and Stratus ESG can reuse an existing transponder antenna. It also accepts both serial and parallel (e.g. Gray code) inputs, so you can reuse most altitude encoders.

WHAT TO CONSIDER WHEN ESTIMATING INSTALLATION

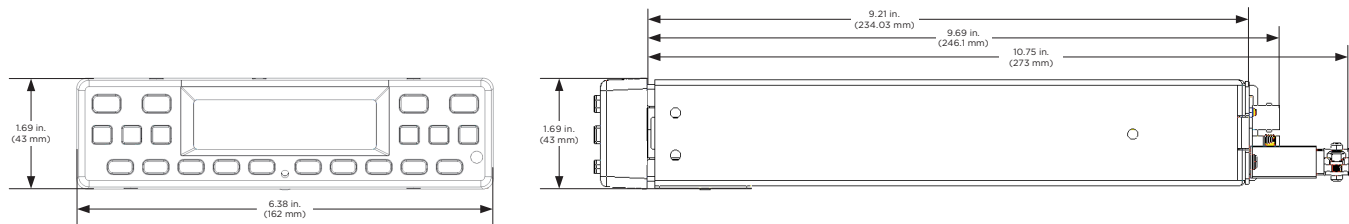
- Replace old transponder in panel
- Reuse existing transponder antenna
- Reuse existing altitude encoder
- Install WAAS GPS antenna (included in the kit)

FEATURES

- 1090ES (Mode S extended squitter)
- Built-in WAAS GPS
- Meets global mandates for ADS-B Out transponders
- Push-button operation
- Easy-to-use interface
- Pressure altitude monitor

STRATUS ESG TECHNICAL SPECS

Bezel Height	1.69 in. (43 mm)
Bezel Width	6.38 in. (162 mm)
Depth	10.75 in. (273 mm) front of panel to connector backshell
Weight	3.29 lbs. (1.49 kg) including rack and connectors
Operating Temperature	-20°C to 55°C
Storage Temperature	-55°C to 85°C
Power Input	9.0 to 36.0 VDC, 15 W typical
Cooling Input	No fan required
Environmental Compliance	DO-160G
Software Compliance	DO-178B Level C
Hardware Compliance	DO-254 Level C
TSO Compliance*	C112e (Level 2els, Class 1) C145d (Class Beta 1 GPS/WAAS) C166b (Class B1S)
Display	OLED
Transmitter Power	310 W



*Pending FAA certification. **KT 76A/C is a BendixKing product