

STRATUS
by APPAREO

ADS-B IN/OUT



ADS-B SIMPLIFIED



STRATUS
ESG

- ▶ 1090 ES Transponder
- ▶ Built-In WAAS GPS
- ▶ GPS Antenna Included



STRATUS **ESG**



READY FOR TAKEOFF

REPLACE YOUR OLD TRANSPONDER
AND BE ADS-B COMPLIANT FOR 2020



2020 COMPLIANCE IN ONE BOX

Stratus ESG is a TSO certified transponder that provides 2020 compliance in one box.

Comply with the ADS-B mandate by replacing your old transponder, and get an upgrade that feels like an upgrade.

- ▶ **1090 ES Transponder**
- ▶ **Built-In WAAS GPS**
- ▶ **GPS Antenna Included**

SIMPLE, LOW-COST INSTALLATION

Designed with the common 1.65" tall form factor, it's an easy replacement for your existing transponder. Here's what to consider for install time:

1. Replace old transponder in panel
2. Install GPS antenna (included in kit)
3. Reuse existing transponder antenna
4. Reuse existing altitude encoder

STRATUS ESGi

\$3,495

THE ULTIMATE ADS-B EXPERIENCE



The Stratus ESGi kit includes the certified transponder and a non-certified ADS-B receiver (Stratus 2i) that was designed to work only with Stratus ESG.

Stratus 2i has the same feature set as Stratus 2S, but without the battery or internal antennas. When connected to Stratus ESG, this receiver provides the same industry-leading ADS-B and AHRS experience on ForeFlight Mobile that pilots have come to expect from the Stratus product family.

STRATUS ESG FEATURES

ADS-B Out	✓
1090 ES Transponder	✓
Built-In WAAS GPS	✓
GPS Antenna Included	✓

STRATUS 2i FEATURES

ADS-B In	✓
Subscription-Free Weather	✓
Dual-Band ADS-B Traffic	✓
Backup Attitude (AHRS)	✓
Flight Data Recorder	✓
Pressure Altitude Sensor	✓

appareo.com/stratus

STRATUS ESG SPECIFICATIONS

FEATURES

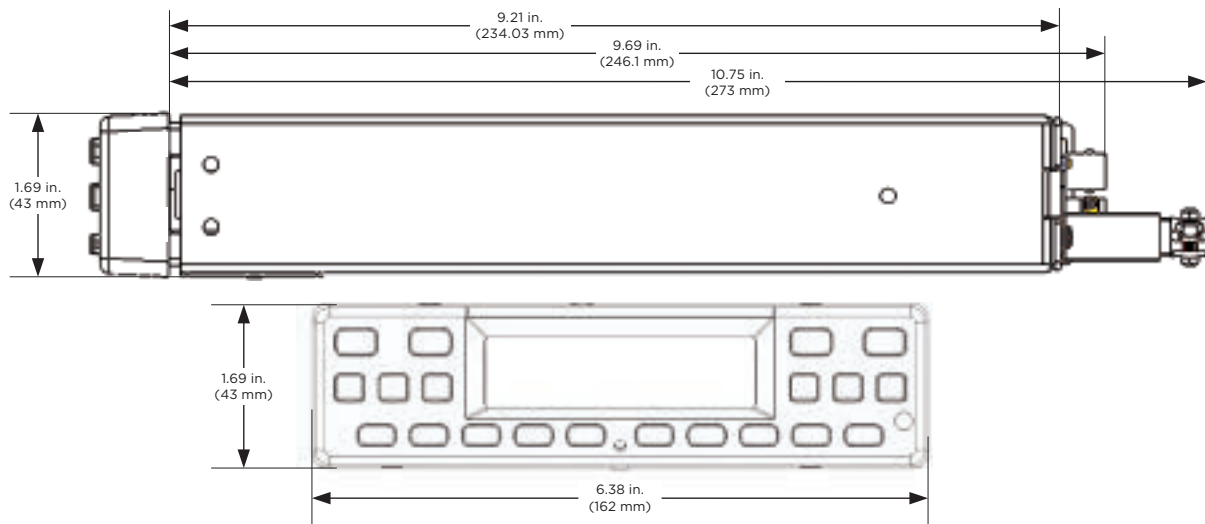
- ▶ 1090 ES (Mode S extended squitter)
- ▶ Built-in WAAS GPS
- ▶ Meets global mandates for ADS-B Out transponders
- ▶ Push-button operation
- ▶ Easy-to-use interface
- ▶ Pressure altitude monitor

TECHNICAL SPECIFICATIONS

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

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

DIMENSIONS



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