On January 1, 2020, per Advisory Circular (AC) 20-165B when operating in the airspace designated in 14 CFR § 91.225 all aircraft must be equipped with ADS-B Out avionics that meet the performance requirements of 14 CFR §91.227.

Today's systems are complex, not always configured properly or experience compatibility issues between GPS receivers and ADS-B transmitters, resulting in improper reporting of DO-260B squitter data. Having the right equipment to verify installations is beneficial to support STC certification per 20-165B and post approval for aircraft meeting STC configuration requirements.

Cobham AvComm's IFR6000/6015 and GPSG-1000, controlled with their new PC application, ADS-B INTEGRITY™ will provide you with data logging and dynamic positional data to assure the integrity of the system installation. This fast and convenient solution will provide comprehensive reporting for support of AC 20-165B, including dynamic test data contained within the FAA Operational Compliance Report, while eliminating expensive Operational Flight Evaluations (OFE's).
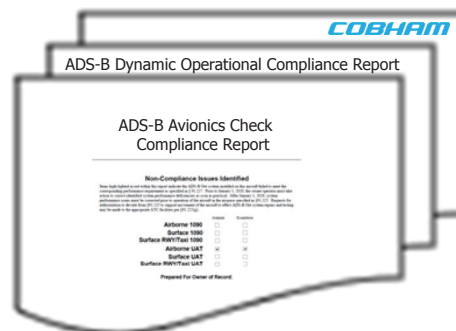

Test Categories

Test per 20-165B and **FAA ADS-B Aircraft Operation Compliance Report**

- Positional Accuracy
- VFR Code
- Ident
- Vertical Rate
- Aircraft Length
- Aircraft Width
- True Airspeed
- Magnetic Heading
- GPS Antenna Offset X
- GPS Antenna Offset Y
- GPS Latitude Position
- GPS Longitude Position
- Mode 3/A Code
- Mode S Address
- Anonymous Address
- Call Sign / Flight ID
- Aircraft Type
- GPS Altitude
- NACbaro
- NIC/NUC
- NACp
- GVA
- NACv
- SDA
- SILsupp
- Version
- Source Integrity Level
- Pressure Altitude
- UAT In
- 1090ES In
- Air / Ground State
- System Latency
- Velocity
- Val
- eVAL

PC Application

Compliance Reports

Benefits

- Verify Installations
- STC Support
- Troubleshoot issues prior to flight
- Eliminate Post STC Operational Flight Evaluations (OFE)
- Saves time / reduces expense
- Advisory Circular 20-165B Compliance
- ADS-B Aircraft Operation Compliance Report

For further information please contact:

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