

ADS-B INTEGRITY™ App

for System Installations



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.

VIAVI'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 Performance Report, while eliminating expensive Operational Flight Evaluations (OFE's).



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 Performance
- ADS-B Aircraft Operation Performance Report

Test Categories

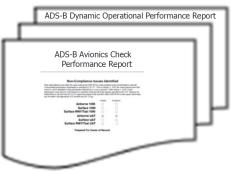
Test per 20-165B and FAA ADS-B Aircraft Operation Performance Report

- Positional AccuracyVFR CodeIdent
 - Ident
 Vertical Rate
- Aircraft LengthAircraft WidthTrue Airspeed
- Magnetic Heading
 GPS Antenna Offset X
 GPS Antenna Offset Y
- GPS Latitude PositionGPS Longitude PositionMode 3/A Code
- Mode S/A CodeMode S AddressAnonymous AddressCall Sign / Flight ID
- Aircraft TypeGPS Altitude

- NACbaroNIC/NUC
- NACpGVANACv
- NACVSDASILsupp
- Source Integrity LevelPressure AltitudeUAT In
- 1090ES InAir / Ground StateSystem Latency
- VelocityVal

Performance Reports

PC Application



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