FlightGear™ Radio Altimeter Cable Assembly

INTRODUCTION

Erroneous Radio Altimeter (Rad Alt) height indications are a frequent nuisance for flight crews and a costly problem for flight operations. More often than not, these spurious warnings are due to water ingress into the Rad Alt coax cables and/or Rad Alt antenna itself. The typical maintenance procedure to correct this problem has been to replace the antennas or the antenna cables every time a fault occurs!

To address this issue, Amphenol CIT has developed the FlightGear™ Rad Alt Cable Assemblies that are designed and proven to withstand the constant pressurization cycles and the harsh SWAMP (Severe Weather and Moisture Prone) environment of the aircraft belly. The FlightGear™ Rad Alt Cable Assemblies help to greatly reduce or eliminate the costly problems and aircraft maintenance associated with radio altimeters and water ingression frequently occurring in other standard coax cable assemblies.

With a full suite of engineering and manufacturing services, Amphenol CIT is capable of supporting any of your system installation and certification requirements no matter what aircraft you're flying.

When Performance Matters - Amphenol CIT has set the standard for interconnect solutions in the Aerospace, Defense, Medical, Industrial, T&M and more for over 70 years.

FEATURES

» Robust design and construction
» Special seals prevent water ingress into the cable and connector
» Compatible with OEM and Airframe requirements
» Available for multiple airframes
» Easy installation and maintenance
» Airworthiness Approved
» In-house engineering and certification services

TECHNICAL INFORMATION

» 6,000+ submerged pressurization life-cycles
» Flammability per 14CFR Part 25.869
» Vibration, Shock, Thermal Shock, Corrosion and Moisture Resistance per Mil-Std-202

Amphenol CIT
Cable & Interconnect Technologies

Learn More:
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