FlightGear™ ARINC 792 Ka, Ku, Ka/Ku Universal Installation

THE FUTURE OF CONNECTIVITY

Carlisle Interconnect Technologies (CarlisleIT) now offers ARINC 792 solutions for Ka, Ku, and Ka/Ku installations.

CarlisleIT’s FlightGear™ ARINC 792 adapter plate solution fulfills the requirements for a standardized installation, easier maintenance inspections, and overall lower cost of ownership. Conformance to the ARINC 792 standard also helps future-proof the SATCOM installation, and makes upgrades to next generation antennas and SATCOM system equipment easier and faster with commonality across entire fleets.

Designed to support a wide range of SATCOM systems, FlightGear ARINC 792 Ka, Ku, Ka/Ku Universal Installation improves speed-to-market and is preferred by aircraft manufacturers for electronically steered array antenna (ESA) installations.

KEY FEATURES & BENEFITS

» Custom Ka, Ku, or Ka/Ku radome based upon the customer’s antenna selection
» Durable and light-weight aluminum universal adapter plate
» Supports the complete range of aircraft frame spacing in a six (6) lug configuration per ARINC 792 standards
» Supports the wide range of available antennas on the market today
» The adapter plate design can accommodate additional equipment (QAE) and antenna cooling provisions under the radome
» Aerodynamic skirt conforms to aircraft fuselage without additional fasteners or sealants
» Supports antenna apertures up to 42”
» Provides easy upgrade path for future-proofing
» Easy recurring maintenance and inspection access
» End-of-lease restoration becomes an easy de-mod process as compared with current installations

INSTALLATION KITS

Installation kits include the following standard parts:
» Ka, Ku, or Ka/Ku radome
» Universal adapter plate
» Aerodynamic skirt to match fuselage radius
» External fittings for adapter plate mounting
» Internal intercostal structures for adapter plate mounting
» Integrated antenna foundation and cooling provisions based on customer’s antenna selection

TURNKEY PACKAGES

CarlisleIT can also provide turnkey packages, including:
» Fuselage penetrations for cables or wave guides
» Harnesses and RF cables for SATCOM system installation
» Interior installation structures including racks and avionics trays
» System integration design
» Certification via FAA, EASA, or regional authority
» Recurring shipment approvals on FAA Form 8130-3 or EASA Form 1
» Direct mounting options

See CarlisleIT’s line of IFE, Connectivity & Interiors products at: CarlisleIT.com/markets/commercial-aerospace/ifeci

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