

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

THE FUTURE OF CONNECTIVITY

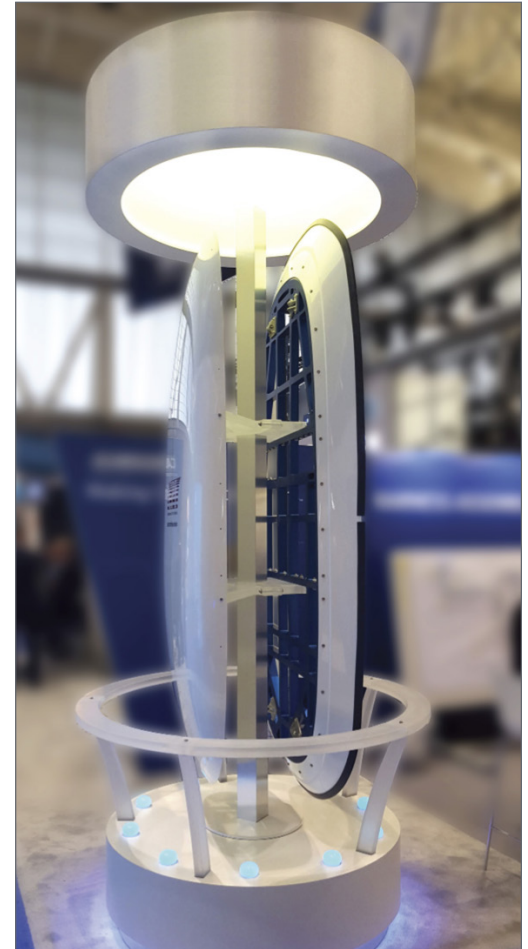
Amphenol CIT now offers ARINC 792 solutions for Ka, Ku, and Ka/Ku installations.

Amphenol CIT'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 (OAE) 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



FlightGear ARINC 792 Ka, Ku, Ka/Ku Universal Installation exhibition model as shown at various events.

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

Amphenol CIT 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