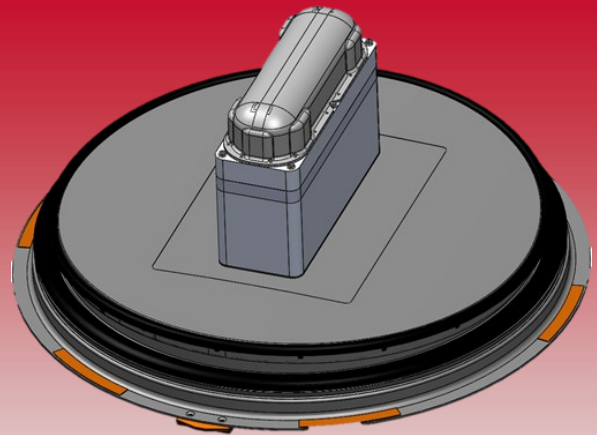




PART NUMBER:
0009A3000-10-310

BFT-2 Multi-Purpose Hatch System (MPHS)

- ▶ BILLET ALUMINUM CONSTRUCTION
- ▶ NO MODIFICATION TO AIRCRAFT
- ▶ FIELD REPLACEABLE SEALS AND HARDWARE
- ▶ FAA/DoD CERTIFIED
- ▶ BFT-2 TRANSCEIVER INSTALLED



R4 Integration, Inc. (R4) has designed and built the next generation C-130 Multi-Purpose Hatch System (MPHS) for installing customized user configurations of airborne antennas or sensors. The 0009A3000-10-310 MPHS includes a rugged next generation Blue Force Tracking (BFT-2) Transceiver. By replacing the existing forward escape hatch, the MPHS provides the customer a “Roll On/Roll Off” communications capability **without modification** to the aircraft, allowing for rapid installation to meet short notice or critically needed communication capabilities while retaining the aircraft venting capability. The MPVHS for use with the next generation Blue Force Tracking (BFT-2) network.

SPECIFICATIONS

ELECTRICAL

Throughput - (based on Inmarsat-4, 200 kHz channel)

Forward Link: 122 kbps and higher
Return Link: 2.8 kbps and higher per transceiver

Transmission Security

Link Encryption: AES 256-bit bulk encryption of the user data plane and the network control data plane
NIST Certification: FIPS-140-2 Level 2

MECHANICAL

Height Above Aircraft

8 Inches

Weight

48 LBS

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