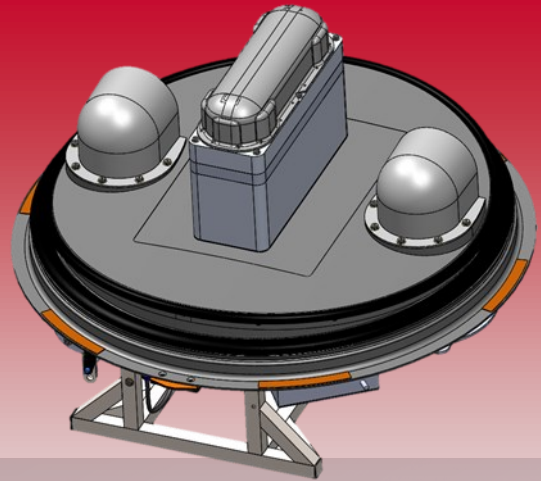




PART NUMBER:
0009A3000-30-370

BFT-2 Multi-Purpose Vented Hatch System (MPVHS)

- ▶ **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 Vented Hatch System (MPVHS) for installing customized user configurations of airborne antennas or sensors. The 0009A3000-30-370 MPHS includes a rugged next generation Blue Force Tracking (BFT-2) Transceiver. By replacing the existing center escape hatch, the MPVHS 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

R4 Integration, Inc.
45 Beal Parkway, NE
Fort Walton Beach, FL 32548
Patent # US 9,016,631 B2
FAA STC # ST02495LA

www.r4-integration.com
Email: info@r4-integration.com