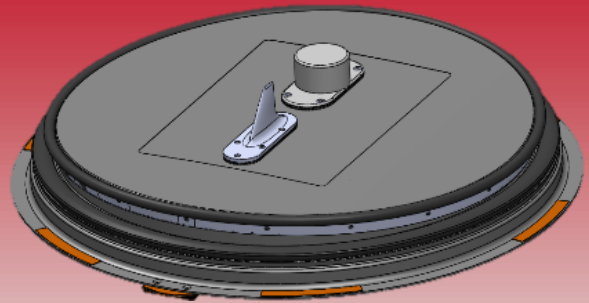




**PART NUMBER:**  
**0009A3000-10-350**

## Quadband and L-Band Blade Multi-Purpose Hatch System (MPHS)

- ▶ BILLET ALUMINUM CONSTRUCTION
- ▶ NO MODIFICATION TO AIRCRAFT
- ▶ FIELD REPLACEABLE SEALS AND HARDWARE
- ▶ FAA/DoD CERTIFIED
- ▶ L BAND COVERAGE 950-1300 MHz
- ▶ L,S,C,KU QUADBAND ANTENNA



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 0009A3000-10-350 MPHS includes a L,S,C and Ku Quadband antenna and an L-Band blade antenna designed for Link 16, JTIDS, MIDS, TACAN, DME, IFF and ATC Transponders. By replacing the existing forward 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.

R4 provides a complete “Turn Key” solution to include a Portable Airborne Communication Terminal (PACT) that provides full 30—2000 MHz LOS, BLOS, Voice/Data capability with an integrated Intercommunication System for multiple operators, aircraft interface/control, and ground station capability.

### SPECIFICATIONS

#### ELECTRICAL

Frequency	Blade Antenna: 950 - 1300 MHz
	Quadband Antenna: L-Band 1625-1850 MHz S-Band 2200-2500 MHz C-Band 4400-4950 MHz 5250-5820 MHz Ku-Band 14.40-14.83 GHz 15.15-15.35 GHz

Gain (typical)	Blade Antenna: +3 dBi
	Quadband Antenna: L-Band +3dBi S-Band +4dBi C-Band +5dBi Ku-Band +5dBi

RF Power	Blade Antenna: 200 Watts
	Quadband Antenna: 50 Watts

#### MECHANICAL

Height Above Aircraft	2.5 Inches
Weight	21 LBS

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FAA STC # ST02495LA

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