

# BFT-2

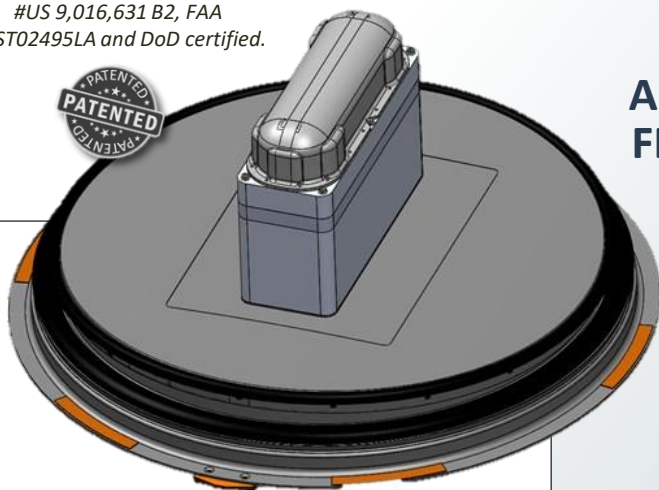
# MPHS

Multi-Purpose Hatch System

R4 Integration, Inc. (R4) has developed the next generation C-130 Multi-Purpose Hatch System

(MPHS) for installing customized airborne antenna and sensor configurations. The **0009A3000-10-310 MPHS** includes a rugged next generation Blue Force Tracking (BFT-2) Transceiver for airborne applications. By simply replacing the existing forward escape hatch, our MPHS provides a "Roll On/Roll Off" rapid installation **without modification** to the aircraft. It requires no tools or special equipment to install and is proven to meet any short notice and critical communication needs.

#US 9,016,631 B2, FAA  
STC #ST02495LA and DoD certified.



## ANTENNA FEATURES

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

## SPECS

HEIGHT ABOVE AIRCRAFT: 8"  
WEIGHT: 48 lbs.

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

**R4**  
INTEGRATION

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PART NUMBER:  
**0009A3000-10-310**