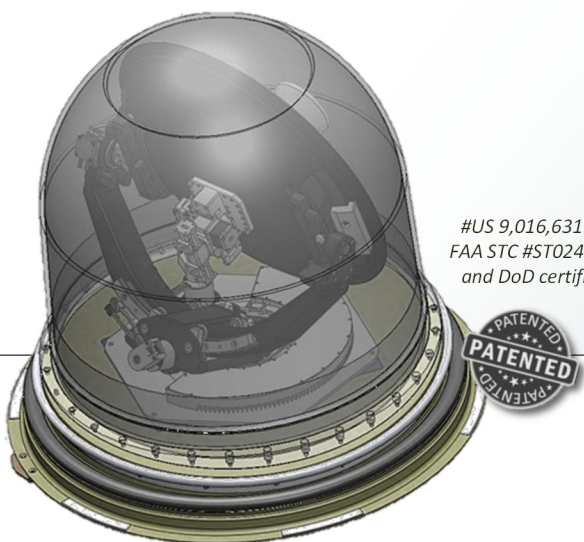


Ku/Ka Band SATCOM

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 **0009A3000-10-450 MPHS** includes a 45cm Ku/Ka band antenna system designed for airborne applications. It is used to receive and transmit voice and data to and from the aircraft over virtually any Ku/Ka band satellite network. By replacing the existing forward escape hatch, the MPHS provides a "Roll On/Roll Off" (RO/RO) rapid installation, **without modification** to the aircraft to meet any short notice and critical communication needs. R4's complete "turnkey" solution includes a SelectTech C-130 SATCOM Kit with BLOS, Voice/Data capability, an integrated intercom system for multiple operators, aircraft interface/control and ground stations.



ANTENNA FEATURES

- BILLET ALUMINUM CONSTRUCTION
- NO MODIFICATION TO AIRCRAFT
- FIELD REPLACEABLE SEALS AND HARDWARE
- FAA/DoD CERTIFIED
- 45cm PARABOLIC ANTENNA
- DUAL BAND Ku/Ka BAND SATCOM

SPECS

HEIGHT ABOVE AIRCRAFT: 18.5"
WEIGHT: 57 lbs.

FREQUENCY

Ku-Band: Receive: 10.95 - 12.75 GHz
Transmit: 13.75 - 14.5 GHz
Ka-Band: Receive: 18.3 - 21.2 GHz
Transmit: 28.1 - 31.0 GHz

ANTENNA TRACKING

Azimuth: 360° (70 deg/sec)
Elevation: 0 - 100° (65 deg/sec)
Roll: +/- 20° (50 deg/sec)

INTERFACE

10/100 BaseT Ethernet



850.226.6913
info@r4-integration.com

PART NUMBER:
0009A3000-10-450