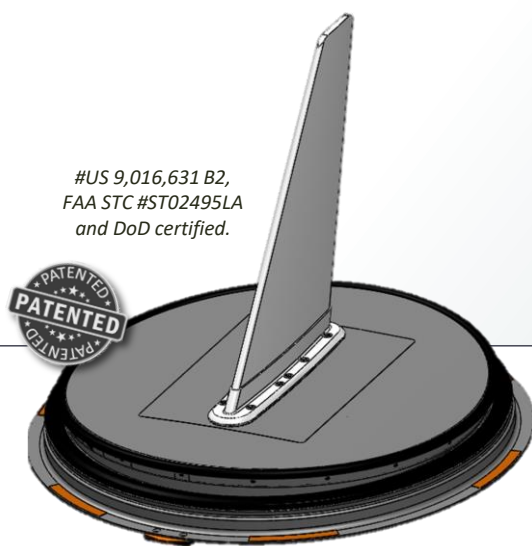


V/UHF MULTIBAND

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 **0009A3000-10-130 MPHS** includes a rugged multifunction V/UHF Cellular Band and High Band LOS antenna designed for airborne applications and is compatible with virtually any UHF/VHF communication system. By replacing the existing forward escape hatch, the MPHS provides a "Roll On/Roll Off" rapid installation, **without modification** to the aircraft to meet any short notice and critical communication needs. R4's complete "turnkey" solution includes a Portable Airborne Communication Terminal (PACT) with full 30-2000 MHz LOS, 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
- FREQUENCY COVERAGE,
30 - 512 MHz, 800 - 900 MHz,
900 - 2400 MHz

SPECS

HEIGHT ABOVE AIRCRAFT: 16"
WEIGHT: 24 lbs.

FREQUENCY

Comm Band: 30 - 400 MHz
Cellular Band: 800 - 900 MHz
High Band: 900 - 2400 MHz

GAIN (TYP)

-22 dBi average @ 30 MHz
-10.0 dBi average @ 88 MHz
+0.0 dBi average @ 108 - 174 MHz
+2.0 dBi average @ 225 - 400 MHz
-7.0 dBi average @ 800 - 900 MHz
-10.0 dBi average @ 1,000 - 2,400 MHz

RF POWER

100 W

R4
INTEGRATION

850.226.6913
info@r4-integration.com

PART NUMBER:
0009A3000-10-130