



PART NUMBER:
0009A3000-30-490

GPS with Repeater **Multi-Purpose Vented Hatch System (MPVHS)**

- ▶ **BILLET ALUMINUM CONSTRUCTION**
- ▶ **NO MODIFICATION TO AIRCRAFT**
- ▶ **FIELD REPLACEABLE SEALS AND HARDWARE**
- ▶ **FAA/DoD CERTIFIED**
- ▶ **GPS ANTENNA 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 0009A3000-30-490 MPVHS includes a rugged GPS Antenna and a GPS Source GLI-Echo II Quad Output Repeater System.

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.

SPECIFICATIONS

ELECTRICAL

Frequency

GPS L1 - 1575.42 ± 15 MHz
L2 - 1227.60 ± 15 MHz

Gain (typical)

GPS - L1 Band +4.6dBi, L2 Band +1.8 dBi
Echo II: 15dB—56dB (33dB nominal)

RF Power

-85dBm to -65dBm (Adjustable Range 20dB)

MECHANICAL

Height Above Aircraft

0.5 Inches

Weight

42 LBS

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