

## NEXT GEN C-130 SATCOM Multi-Purpose Hatch System

R4 Integration, Inc.'s (R4) universal C-130/L-100 Multi-Purpose Hatch System (MPHS) can provide any model C-130A-J and L-100/L-382 a roll-on/roll-off communication or sensor capability. With USAF approval, an FAA STC and a recent Honeywell contract award; **MPHS is a proven force multiplier.**

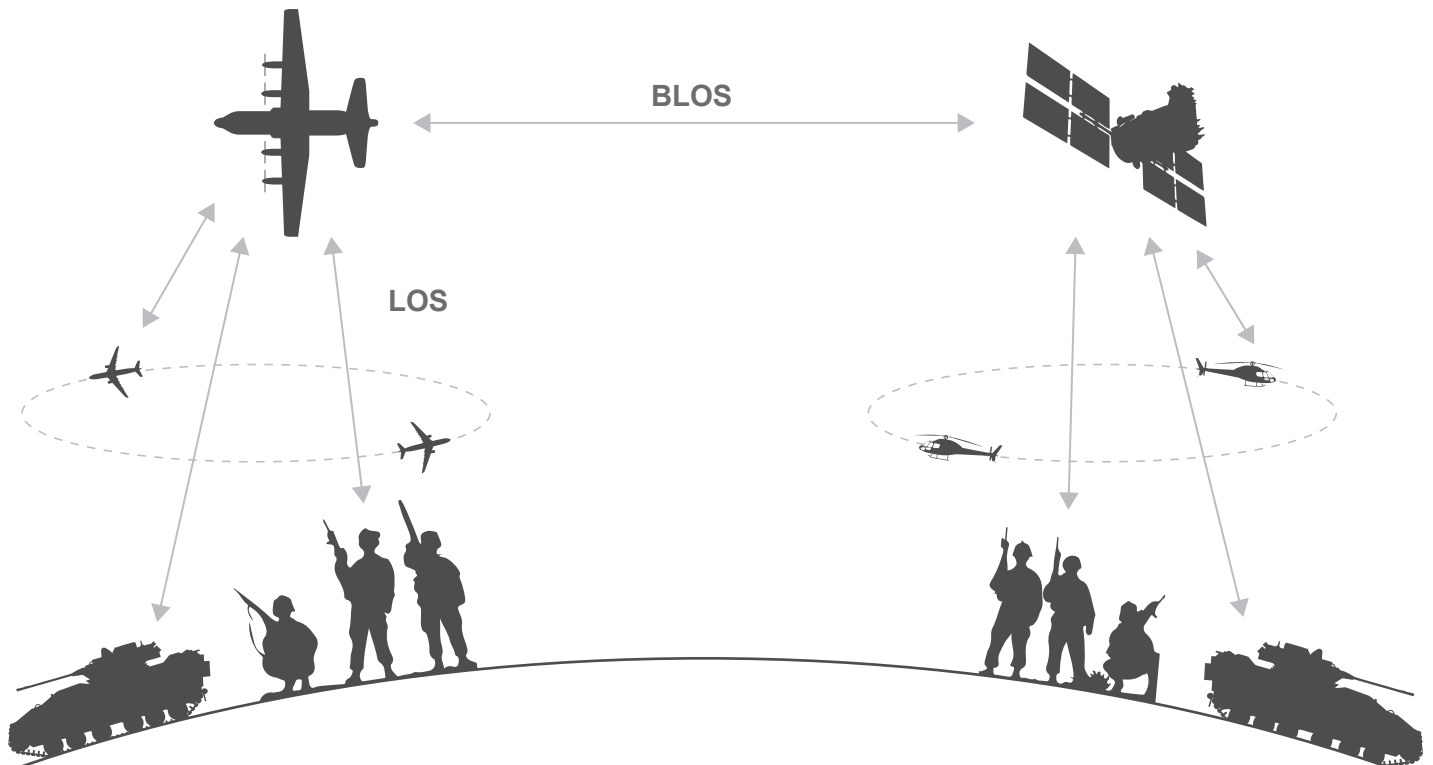


- **Integrated GPS**
- **Line of Sight**  
VHF/UHF/L-Band
- **Beyond Line of Sight**  
INMARSAT, IRIDIUM, THURAYA  
Ku, Ka, X

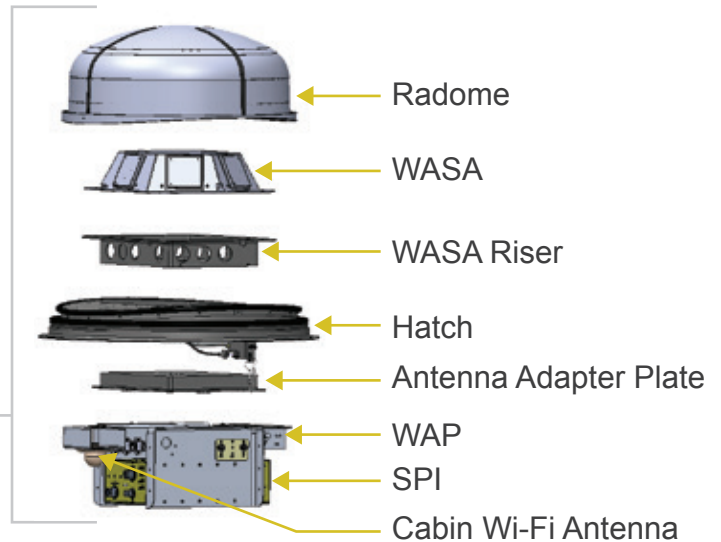
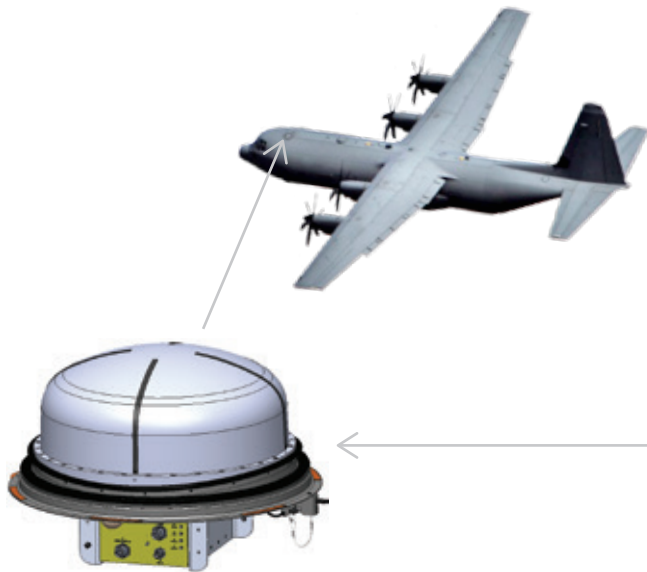
**NO COMPONENT INSTALLATION REQUIRED**  
**ROLL-ON / ROLL-OFF**

CAGE CODE **5XBE4**

Multi-Purpose Hatch System incorporates any antenna for Geographic / Network / Sensor independence. This flexible, configurable, multifunctional system applies to MEDEVAC, SAR, Executive Transport and ISR.



## LiveAero - Iridium Broadband/Wifi



STC #ST02495LA

**LiveAero Sub-Assembly of MPHS**  
(PN 0009A3000-10-390)

## SYSTEM CAPABILITIES

### Data Capable

- Broadband bi-directional at 134 KBPS Wi-Fi  
– Upgradeable to Iridium NEXT/Certus

### Satellite Phone

- Make and receive calls anywhere

### Fleet Tracking

- Track Aircraft in near real time w/optional tracker unit

### Streaming Video

- Capable of streaming video in real time for increased situational awareness with optional video compression system

### Connectivity

- Search and Rescue
- Transfer of Time-Critical Information
- MEDEVAC
- Transfer Patient Vital Information Optional - Zoll X Triage System
- Executive Transport
- Email
- Internet
- Weather
- Flight Planning

## KEY FEATURES

Self-Contained System on MPHS

Wide body Antenna Subsystem Assembly (WASA) installed under radome

Contains the antenna elements/electronics for transmitting and receiving to/from satellite constellations

- Contains an integrated GPS Antenna
- Automatically locates and tracks satellites using a static antenna array
- Contains no moving parts
- Mounted on top of MPHS structure and covered by a radome
- Pole to Pole coverage - No Exceptions - At exceptionally low service cost