

# C-130 E2H ECS® FLIGHT STATION UPGRADE

P/N: LE21001-101



**NEW ECS REFRIGERATION UNIT**



**COMPLETED INSTALLATION**

The C-130 E2H ECS® Flight Station Upgrade replaces the legacy C-130 30 PPM ECS System. The upgrade applies to legacy C-130B/E/H and variants C-130K, C-130R. Installation requires a minimum of four technicians and 660 man hours.



## CRITICAL ISSUES

- OUTDATED 1950S TECHNOLOGY
- HIGH FAILURE RATE
- HEAVY MAINTENANCE
- LOW SYSTEM OUTPUT

## FEATURES AND BENEFITS

- MEETS CURRENT FLIGHT STATION AVIONIC COOLING REQUIREMENTS
- IMPROVED RELIABILITY
- AFFORDABLE, EASY INSTALLATION
- INCREASED FLIGHT STATION COOLING CAPACITY
- INCREASED OUTPUT: LEGACY 30 PPM VS. UPGRADED 70 PPM=230% INCREASE
- SIMPLIFIED LOGISTICS: COMPONENTS SUPPORTED BY THE DOD
- UTILIZES C-130H HONEYWELL REFRIGERATION UNIT P/N 2200440-7-3, NSN 1660-01-275-5646
- IMPROVED SAFETY: INCLUDES FOUR ENGINE PRESSURE REGULATING BLEED AIR SHUT OFF VALVES, MAINTAINING A BLEED AIR MANIFOLD PRESSURE OF 50 PSI DURING NORMAL OPERATIONS
- ECS SYSTEM INTERCONNECT BETWEEN THE FLIGHT STATION AND CARGO COMPARTMENT

