

P/N: LE21001-101

C-130 E2H ECS® Flight Station Upgrade



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- » Outdated 1950s Technology
- » Heavy Maintenance
- » High Failure Rate
- » Low System Output

Features and Benefits

- » Meets current flight station avionics 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



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