

RC-135

The eyes and ears of U.S. and allied forces

The RC-135 Rivet Joint reconnaissance aircraft supports theater and national level consumers with near real-time on-scene intelligence collection, analysis and dissemination capabilities for competition, crisis and conflict phases of operations. L3Harris provides concurrent Program Depot Maintenance and Mission System upgrades for the U.S. Air Force's (USAF) extensively modified RC-135 reconnaissance fleet. This enables a nose-to-tail overhaul every four years. The vast sensor suite upgrades enable detection, identification and geolocation throughout the electromagnetic spectrum.

L3HARRIS' ROLE

As the industry-leading provider of ISR and mission-critical solutions, L3Harris continues to deliver and sustain the highest-performing tools to address the United States Air Force's and the Royal Air Force's most sensitive missions in both traditional and rapid-response environments.

L3Harris values its long-standing partnership with the Royal Air Force, proudly supporting its missions with RC-135 Airseeker reconnaissance aircraft that demonstrate proven reliability and performance. Like the USAF Rivet Joint, Airseeker offers near real-time on-scene intelligence collection, with analysis and dissemination capabilities.



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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



FEATURES

- > High-demand, low-density fleet includes 25 aircraft: 17 US Rivet Joint, 3 UK Rivet Joint, 3 Cobra Ball and 2 Combat Sent
- > Air refueling capability allows nearly unlimited flying ranges
- > Detect, identify and geolocate signals throughout the electromagnetic spectrum
- > Latest avionics suite enables worldwide navigation and safe passage (fully compliant with worldwide air traffic control mandates)
- > Continue to expand the boundaries on reach back operations with increasing bandwidth and extended range via the airborne capability extension system (ACES)
- > Each upgrade enhances automation, speed of information dissemination and information integration to ensure continued mission visibility

BENEFITS

- > Operating at the tactical edge, the processing, communications, and long-range stand-off sensing capability of Rivet Joint makes it an ideal hub in the Advanced Battle Management System (ABMS) / Joint All-Domain Command and Control (JADC2) sensing grid