

SNC[®]

C-130 Radio Frequency Counter Measures (RFCM)

High Performance Electronic Support and Protection Countering Modern Threats for C-130 Aircraft

Sierra Nevada Corporation (SNC) modified C-130J aircraft to incorporate counter measures for the Special Operation Forces (SOF) with accurate and timely situational awareness information, improving aircraft survivability.

Electronic Protection for the C-130

SNC is developing and integrating advanced RFCM systems for the AC/MC-130J to provide threat detection, precision geolocation, and active countermeasure capabilities. Advanced system processing and robust spectrum support significantly improve aircraft survivability in the modern threat environment. SNC's approach to aircraft survivability emphasizes full platform integration leveraging platform datalinks, integrated processing, and common tactical display systems. SNC used its electromagnetic and aerodynamic modeling expertise to maximize the performance of the installed system.

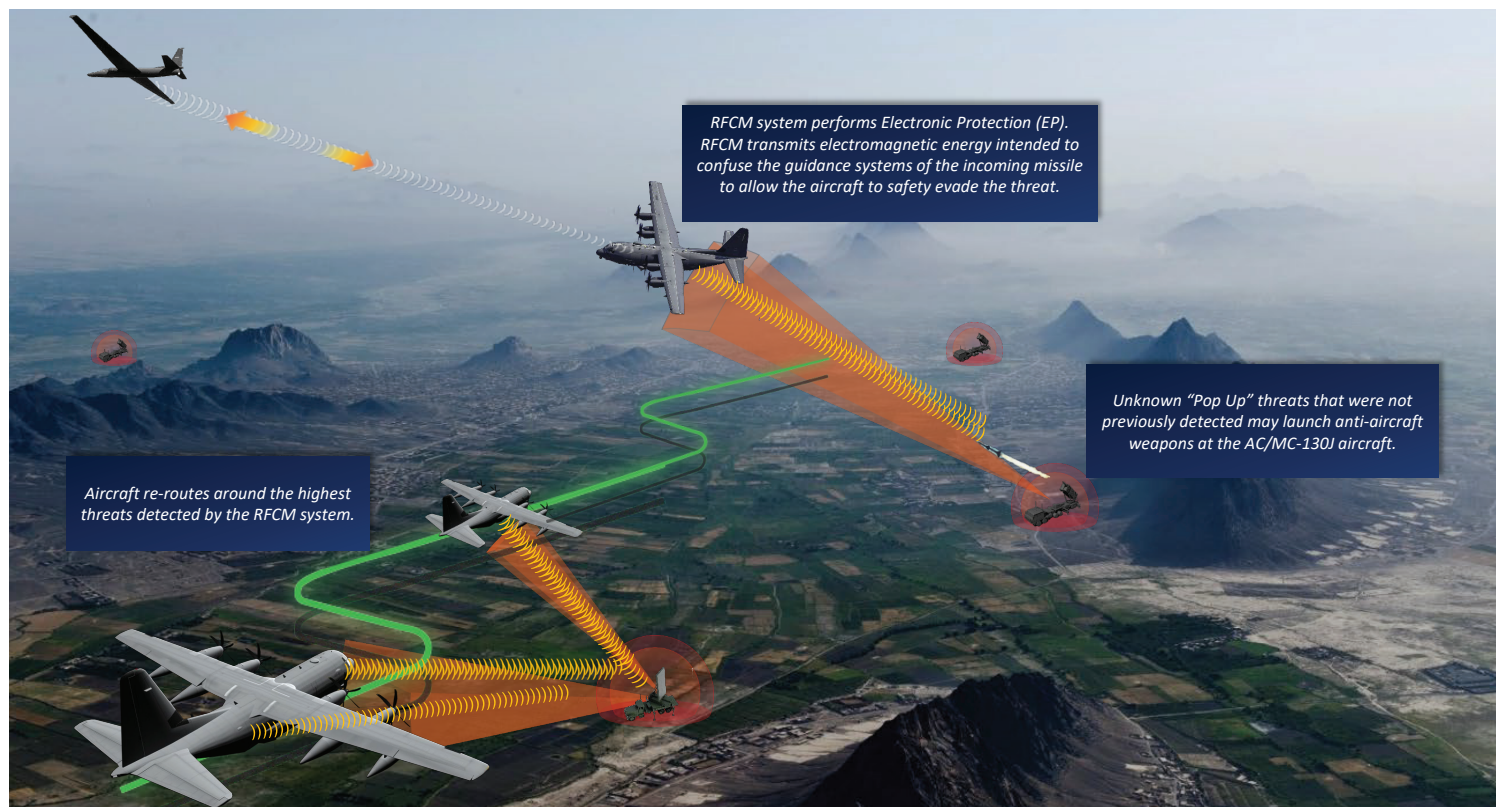
SNC is a leading integrator for special mission aircraft, including USSOCOM AC-130J and MC-130J aircraft. As a significant supplier to the AC-130J Ghost Rider Precision Strike Package and the prime contractor for the MC-130J Commando II Airborne Mission Networking systems, SNC brings novel approaches to integrating innovative technology to airborne platforms.

Benefits

- Adds next generation Electronic Warfare (EW) capabilities while preserving cargo capabilities of host aircraft
- Centralized EW processor enables low system weight and electrical power
- Receive subsystem contains Low Band (LB), Mid-Band (MB), and MB/High Band (HB) receive paths
- Transmit subsystem provides wide azimuth and elevation coverage with four compact, high power transmit antennas
- Crew interface can be hosted on existing TACVIEW displays for alternate user interface

Start a conversation with us today.

Call us at **303.795.0604** or
email us at **ias@sncorp.com**



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