

BAE SYSTEMS

Compass Call

Disrupting enemy command and control



System overview

Compass Call is an airborne tactical electronic attack weapon system that disrupts enemy command and control communications, radars, and navigation systems to restrict adversary battlespace coordination. The weapon system supports the suppression of enemy air defenses by preventing the transmission of essential information between adversaries, their weapon systems, and control networks. Compass Call has provided attack capability on the EC-130H since 1981 and is now being cross-decked onto the new EC-37B platform. BAE Systems serves as the mission system engineering, integration, and testing lead as well as the mission system prime contractor.

Proven electronic attack capability with enhanced precision, performance, and reliability



Key features and benefits

- Stand-off jamming denies adversarial use of communications and radars
- Radar jamming prevents adversarial situational awareness
- Modern digital signal processing ensures support of advanced missions
- Size, weight, and power of EC-37B platform enables the addition of new capabilities as mission needs evolve
- Modular architecture ensures support of conventional and irregular warfare environments

Future innovation

To meet new mission requirements and combat advanced threats, the Compass Call system will integrate with various aircraft in the future. The system will specifically be re-hosted on the Gulfstream G550, designated as the EC-37B when it enters service as a 21st century electronic attack platform. The future possibilities for the system are vast, as the advanced technology combined with new aircraft integration will result in increased performance at faster speeds, longer ranges, and higher altitudes. The total system provides crews with the utmost confidence today and tomorrow.

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