

SNC[®]

RAPCON-X[™]



RAPCON-X[™], The Future of AISR

At Sierra Nevada Corporation (SNC), innovation and strategic problem solving never stop. SNC has a demonstrated history of developing solutions for difficult challenges and understands this process is never ending. We have a legacy of delivering solutions, both hardware and software, to the U.S. Department of Defense and international customers. SNC has demonstrated the ability to deliver turnkey contractor-owned, contractor operated (COCO) services that include aircraft, flight operations, maintenance operations and logistics support.

SNC's RAPCON-X is our newest airborne intelligence, surveillance and reconnaissance (AISR) capability. Built with a current production commercial derivative aircraft (CDA), RAPCON-X offers high reliability, superior range, endurance and an operational envelope that enhances survivability and the ability to operate in peer-to-peer and near-peer environments.

RAPCON-X, Defining Rapid Configurability

Designed for the future, today. RAPCON-X is designed from the start using model-based system engineering (MBSE). Digital modeling significantly reduces the time required to integrate new systems as they are developed and become available. RAPCON-X comes ready with COMINT, SIGINT and ELINT capability. Designed for worldwide operations, RAPCON-X is engineered ready for ASE installation. The open architecture mission equipment package (MEP) and easily configured mission fairing allow for rapid mission modification without aircraft redesign. This design eliminates OEM and vendor lock, allowing for best-of-breed mission equipment. SNC's forward-looking design process and engineering techniques position the RAPCON-X as one of the most capable and rapidly configurable AISR platforms.

Specifications

• Operating Mission Altitude	>45,000 ft MSL
• Mission Endurance Time	>14 Hours
• Ferry Range	>6000 NM
• Fully Modernized Avionics	GATM/NextGen 2020
• MGW T/O Distance	6500 ft
• Landing Distance	2300 ft
• High Band Width BLOS, ELINT, COMINT, SIGINT RADAR	> 35/35 MBS



Mission Ready Today, Mission Ready for Tomorrow

Rapidly Configurable

- True open architecture - 3U VPX chassis
- On-board / off-board mission processing
- High bandwidth phased array BLOS
- Adaptable mission fairing design
- Reconfigurable mission floor plan
- Self-contained mission capability



Rapidly Configurable, Adaptable, Expandable

Future Ready, Today

The RAPCON-X's large body design provides the space and available excess electrical power that easily accommodates today's mission equipment, while providing room for substantial growth for tomorrow's future mission requirements.

Mission Ready, Wherever the Mission is.

RAPCON-X's design and operational envelope enable enhanced survivability. Engineered for ASE combined with the deep-sensing, stand-off capability, it allows operations in the peer-to-peer, near-peer and A2/AD environment. As a self-contained, fully mission capable system-of-systems, RAPCON-X is immediately deployable for worldwide operations without special support equipment requirements. RAPCON-X arrives ready to complete the mission, wherever the need is.