

REPUBLIC OF KOREA AIR FORCE (NEXT-GEN) AIRBORNE EARLY WARNING & CONTROL (AEW&C)

The L3Harris Conformal AEW&C will fly higher, faster and longer at significantly lower cost than existing AEW&C platforms to dominate current and future aerial threats.

L3Harris, IAI/ELTA Systems and Korean Air offer the next generation of survivable, agile and true 360-degree coverage AEW&C aircraft based on two decades of partnership with ROK.

AEW&C TEAM

This AEW&C Team has delivered a number of Conformal Airborne Early Warning (CAEW) aircraft, ROK's P-3C upgrades, RC-800 Baekdu programs and ROK special surveillance aircraft over the past 20 years. This includes the Italian Air Force CAEW aircraft operating in a battle zone for NATO missions since 2017. It also includes the Israeli Air Force CAEW aircraft both of which have maintained mission availability rates over 95%.

This multi-year development, investment, integration and testing process ensures that the ROK AEW&C program will be low-risk, low-cost and delivered on time.

Korean Air and other ROK industry partners will be involved in the design, integration, certification and testing. This partnership will ensure the ROK Air Force will not have to wait on foreign assistance to maintain the system when operational.

PERFORMANCE

- > Since 2017, Italy's CAEW aircraft, fielded by IAI/ELTA, has exceptional operational availability and the fleet will be doubled by 2027.
- > Italian CAEW operational availability numbers are unmatched by any existing AEW platform with a 97% operational availability rate and more than 35,000 flight hours logged worldwide.
- > The aircraft flies at 37,000 feet above the majority of civil aviation traffic.
- > The U.S. Army ARES, hosted on a Bombardier Global-series aircraft, has operated with high tempo for more than a year in support of U.S. Army Pacific Command with an operational availability greater than 95%.
- > L3Harris' recent schedule performance leads the industry with 98% on-time delivery rate of ISR aircraft, with 185 of 188 delivered on or ahead of schedule.



THE MODERN PLATFORM WILL PROVIDE:

- > An airborne solution fully compliant to ROKAF AEW requirements, including uncompromised continuous 360-degree air surveillance coverage
- > An existing combat-proven, high-performance solution with no compromise to aircraft performance
- > Short time to station and high-mission altitude
- > Increased survivability and range from high-altitude operation
- > Interoperability with NATO and allied forces
- > Modern and sustainable aircraft and mission systems for high mission availability
- > A highly experienced team in the design and manufacture of complex special mission aircraft
- > A high Technology Readiness Level (TRL) solution that will achieve the critical delivery schedule for operational capability
- > Low-cost aircraft and mission system maintenance supported completely by Korean industry and ROKAF
- > Designed to meet current and future advanced threats



EXPERIENCE

The team combines the exceptional special mission aircraft experience of L3Harris and IAI/ELTA.

L3Harris, as prime contractor, brings extensive experience as the leading special mission aircraft integrator of multiple international ISR programs on a large-class business jet; the U.S. Air Force's EA-37B Compass Call Cross Deck program, U.S. Army's Airborne Reconnaissance and Electronic Warfare (ARES) program, U.S. Army's Theater-Level, High-Altitude Expeditionary Next Airborne ISR-Radar (ATHENA-R) program and an international Dassault Falcon 2000 maritime ISR program.

IAI/ELTA is supplying its advanced fifth-generation conformal dual-band Gallium Nitride AESA radar, which is integrated with its Battle Management Command and Control system, a solution that is currently operational in Asia, Europe and the Middle East.

Bombardier Defense's Global 6500 aircraft has already proven itself as a

highly reliable civil and military platform with an exceptionally low per-flight hour operating cost.

This solution leverages the existing and sophisticated CAEW system delivered by IAI/ELTA and is currently in operation for NATO by the Italian Air Force supporting operations in Ukraine.

IN-COUNTRY PARTNERSHIP

Korean Air will provide local production using an existing and highly capable local industrial base. The arrangement will grow a new AEW&C aircraft solution that is Korean made, Korean operated and Korean maintained.

The technology transfer involved in this partnership will support higher aircraft readiness rates with improved mission and aircraft availability and lower operational costs.

Korean industry will be participating in each phase of the installation to ensure direct transfer of the knowledge required to complete follow-on production aircraft and systems in the ROK. Korean industry

will be engaged in the cross-decking, integration, certification and maintenance of aircraft and mission system.

This partnership helps ensure the ROK Air Force will not have to wait on foreign assistance to maintain the radar system. The L3Harris/ELTA team will transfer this capability to Korean industry partners, providing full control of this critical military capability.

IN SUMMARY

The result is a highly capable and flexible AEW&C system fielded on an FAA-certified platform, with the low-cost, high-operational availability and high-sustainment benefits of an advanced business jet.

The unique, low-drag conformal configuration enables exceptional platform and radar performance, while the mission suite will allow the Global 6500 AEW&C to perform a variety of missions, including lower life-cycle costs for large-scale air force command and control operations.



ROKAEWC

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