

PRESS NOTE

Leonardo at Seoul ADEX 2023 to strengthen its partnership with Korea and promote its latest helicopters and defence electronics

- Leonardo looks to strengthen their ongoing relationship with key defence industry to meet the needs of the Korean government
- Leonardo looks to support key Korean partners with export opportunities
- Leonardo is working with local partners to expanding its support network in Korea for its fleet of helicopters

Seoul October 16, 2023 - Leonardo will attend the Seoul International Aerospace and Defence Exhibition (Seoul ADEX) - stand 199 in Hall F - from October 17-22. Leonardo has decades of heritage in Korea providing the latest helicopters, such as the world-class AW159 helicopter, currently in service with the Republic of Korea Navy and defence & security electronics. Today, the Republic of Korea's key civil and military forces conduct operations using a wide range of high technology Leonardo equipment.

At ADEX, the two world class helicopters AW101 and AW189 will be shown at the Leonardo booth to learn more on the latest technologies, high performances and superior solution on mission capability.

The **AW101** embodies advanced design and technology coupled with long range and endurance, which provide operational persistence for all missions. The versatility of the AW101 platform and a full range of on-board equipment allow operators to configure the helicopter for a wide range of roles including Maritime, Battlefield/Personnel Recovery and SAR. This mission versatility, combined with the most spacious cabin in its class featuring large side sliding doors and rear access ramp, makes the AW101 the most advanced, flexible and capable multi-role helicopter available today.

The **AW101** is by design able to operate in extreme weather conditions; it is fitted with a de-icing system and rated to operate in temperatures ranging between -45 and +50 °C. The aircraft's control systems allow the AW101 to maintain a stable hover in 74 km/h (40 kn) crosswinds. The AW101 is a medium-lift helicopter used for a range of applications by several countries including the UK, Italy and Canada among many others, and has been ordered by Norway in a search-and-rescue configuration which includes Leonardo's Osprey AESA radar. The AW101 is a true multi-role helicopter capable of performing a wide range of roles including specialized roles like airborne mine counter measures, amphibious support and transport.

The **AW189** is Leonardo's latest twin-engined, super-medium helicopter for civil and public service applications. Leonardo is a main helicopter partner of Korea, having previously also provided the Super Lynx for the RoK Navy, the AW139 helicopter for the Korea Coast Guard and several regional fire services, the **AW119K** for the Korean National Police and the GrandNew and **AW169** for Emergency Medical Services (EMS) operations.

The AW189 is the superior multi-mission solution for today's demanding operations, combining exceptional payload and range with outstanding technology and safety. The type has proven extremely successful not only in the energy support market but also in the public service one for search and rescue, MEDEVAC, firefighting, disaster relief and law enforcement and has already been chosen by several operators in Asian countries for these roles.

Another major area of focus for Leonardo at Seoul **ADEX** will be the company's RAT31 DL/M radar, a L-band solid-state 3D surveillance radar, designed to protect large portions of territory thanks to its wide range. The sensor is part of a family of long-range systems with surveillance, air defence, and missile capabilities, including ballistic missiles, in support of homeland security and operational missions. The RAT 31 DL/M can adapt to the challenges posed by a broad range of operational scenarios, including those where it has to face jamming and heavy clutter at the same time. Its highly reliable technology allows for a "graceful degradation", meaning that even if some modules fail, the radar sustains its overall performance.

Leonardo has sold over 70 RAT 31 (Fixed and Mobile version) in 18 countries worldwide. The radar is a crucial component of NATO's air defence capabilities; its architecture meets the Alliance standards, enabling full interoperability during multinational missions.

[Link to the video](#)

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Leonardo, a global high-technology company, is among the top world players in Aerospace, Defense and Security and Italy's main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries that include Leonardo DRS (defense electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber & Security Solutions and Space). Listed on the Milan Stock Exchange (LDO), in 2021 Leonardo recorded consolidated revenues of €14.1 billion and invested €1.8 billion in Research and Development. The company has been part of the Dow Jones Sustainability Indices (DJSI) since 2010 and has been confirmed among the global sustainability leaders in 2021. Leonardo is also included in the MIB ESG index.

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