
PRESS RELEASE

Leonardo's latest air defense radar technology joins NATO training range in Greece

Farnborough, 21 July 2022 - Leonardo's Kronos Grand Mobile High Power (GM HP) radar has been chosen by the Greek Air Force as the integrated air and missile defence system to be used at the NAMFI (NATO Missile Fire Installation), the Alliance's range based in the Isle of Crete. It will ensure high air safety levels during exercises. The award has been announced at Farnborough International Airshow.

The sensor, delivery of which is expected by 2024, will contribute to Coalition Armed Forces' high-quality training, as well as to testing and validation of systems.

Kronos Grand Mobile High Power is a multifunctional C-band radar designed for air and sea surveillance and defence. It is the latest evolution of the Kronos family, able to deliver greater performance through the integration of more powerful TRMs (Transmit-Receive Modules). The sensor's Active Electronically Scanned Array (AESA) technology draws on Leonardo's fully-owned GaAs (Gallium Arsenide) and GaN (Gallium Nitride) manufacturing capability, based on patented technology. It is developed at the company's in-house foundry, a high tech site specialising in the production of monolithic microwave integrated circuits (MMIC - Monolithic Microwave Integrated Circuits).

Designed for both land and naval use and available in fixed and mobile configuration, all Kronos radar systems have multifunction and multi-mission capabilities optimized for multiple threats. In addition, the family of sensors includes a new development in L-band, Kronos Power Shield, specifically designed for long range ATBM (Anti Tactical Ballistic Missile) capabilities.

Several customers around the world, including in Europe, the Middle East, Asia Pacific and South America, already use the advanced Kronos radar technology as the core sensor of their integrated air and missile defence system, with more than 40 radars in service. Kronos Grand Mobile High Power has already been chosen as the surveillance and engagement radar for the Italian version of the SAMP/T New Generation surface-to-air missile system of the Eurosam Consortium (MBDA (66,6%) and Thales Group (33,3%)).

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 2020 Leonardo recorded consolidated revenues of €13.4 billion and invested €1.6 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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