

## **Thales trusted by Hellenic Civil Aviation Authority to support the modernisation of the Greek civil aviation Navigation Aids infrastructure**

- Hellenic Civil Aviation Authority awarded Thales a contract to supply ground-based navigation systems for safer landing and approach at airport.
- This new project between Greece and Thales confirms the trusted relationship lasting more than 30 years in civil aviation.
- Thales has more than 10,000 NAVAIDS systems installed worldwide.



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**Hellenic Civil Aviation Authority has awarded Thales a contract to support the modernisation of the Greek civil aviation Navigation Aids infrastructure. This turnkey contract includes the supply of 10 Doppler VHF Omnidirectional Range (DVOR), 13 Distance Measuring Equipment (DME) and 6 Instrument Landing systems (ILS). It also comprises of the installation of the instruments on 18 different sites across the country, from remote mountain peaks, to major hubs such as the Athens International Airport.**

The Navigation Surveillance capabilities will ensure all-weather, en-route navigation and approach services and will significantly increase both safety and air traffic efficiency.

- Navigation Aids (NAVAIDS) are physical devices on the ground that assist pilots defining the aircraft's position during landing, takeoff as well as during the flight to accurately navigate through the airspace.

- The DVOR and DME are ground-based radiofrequency and processing beacon systems that provide bearing and distance to the aircraft crew to verify the position and to navigate in the air space within the predefined routes and flight procedures (the sky “highways”) in full situation awareness and safe conditions.
- The ILS (Instrumental Landing System) is a ground-based radiofrequency system, installed at the airport runway that generates an electromagnetic path for the pilots to follow during the critical landing maneuver. The ILS increases safety and reliability and, as a result, enhances the efficiency of approach and landing procedure especially under poor weather and visibility conditions.

All these instruments must run 24 hours a day, 7 days a week, without any unpredicted service interruptions to ensure the safety of air travelers. These systems are fully designed and manufactured by Thales to ensure the highest level of precision, interoperability and reliability.

Over 60% of this project will be executed locally in collaboration with Greek Industries including Thales Hellas, highlighting the country’s technical expertise in delivering critical infrastructures.

*"This award is a testament to the Hellenic Civil Aviation Authority’s renewed confidence in Thales as a partner to provide advanced ground-based air navigation systems. We are proud to support Greece’s initiative to provide an even safer and more efficient airspace for travellers."* **Christophe Salomon, Executive Vice President, Thales - Land & Air Systems.**

## About Thales

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum computing – to build a confident future crucial for the development of our societies. The Group provides its customers – businesses, organisations and governments – in the defense, aeronautics, space, transport, and digital identity and security domains with solutions, services and products that help them fulfil their critical role, consideration for the individual being the driving force behind all decisions.

Thales has 81,000 employees in 68 countries. In 2020 the Group generated sales of €17 billion.

## About Thales in Greece

Thales has been active in Greece for 45 years, expanding its historical presence in Defence, to serve Air Traffic Control, Transport and Space markets.

Thales is long-standing partner to the Hellenic Armed Forces, providing avionics and mission systems for the Mirage 2000 and Rafale aircraft, as well as large-scale air defence systems for the Air Force and the Navy. Thales tactical radios, optronic systems and surveillance radars are also in service with the Army.

Thales has also implemented the ACCS system in Larissa for NATO with its local engineers. Greek engineers are now deployed across Europe to support the system. Thales has supplied much of the country’s air traffic control systems as transport solutions, including mainline signalling for the

new rail line between Kiato and Rodonafini as well as supervision and communication systems for the Athens metro.

In the Space domain, Thales also supplies the Hellasat 3 communications satellite, which entered into service in 2017.

Thales is also a leader in civil identity and biometric solutions, standing ready to support Greece in the creation of a state-of-the-art digital identity program.

**Local cooperation**

Thales supports an ecosystem of local industry partners in development projects for Greece and is an active member of industry organisations, including SEV (Hellenic Federation of Enterprises), HASDIG (Hellenic Aerospace & Defence Industries Group) and EVIDITE (Greek Space Association). Thales Hellas also an accredited supplier of defence systems to the Greek Ministry of Defence

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