

Leonardo to provide protection system for Bombardier Global 7500 aircraft selected for Middle Eastern government VVIP use

- **The Leonardo Miysis Directed Infrared Countermeasure (DIRCM) is a lifesaving piece of equipment, protecting aircraft from latest-generation infrared (IR) missile threats**
- **The *Global 7500* aircraft will be equipped with Miysis DIRCM in its VVIP government transport role**
- **The contract follows Miysis DIRCM having been ordered by the UK, Canada and three other NATO customers, as well as a number of non-NATO customers**

Rome, 29th June 2021 - Leonardo is under contract to provide its Miysis Directed Infrared Countermeasure (DIRCM) for a Middle Eastern government customer's new VVIP transport aircraft. Miysis will be installed on a Bombardier *Global 7500* aircraft, the first of its type to be selected by a government customer. The Miysis DIRCM will provide complete spherical protection for the aircraft and, uniquely for a system of its size, can output more than enough laser energy to protect the *Global 7500* aircraft from even the most modern infrared-guided (heat-seeking) missile threats.

The aircraft is expected to enter service in 2022. Miysis is well-suited for installation on other Bombardier aircraft in the *Challenger* and *Global* families.

Miysis DIRCM works by shining a high-powered laser onto an incoming missile's targeting system, 'dazzling' it and guiding the missile away from the aircraft. Leonardo's experience in laser and precision targeting enables this to happen at lightning-fast speed. Unlike competing products, Miysis DIRCM can defend against multiple, simultaneous incoming missiles and the latest generation of shoulder-launched infrared threats known as Man-Portable Air Defence Systems (MANPADS). Crucially for such a life-saving piece of equipment, the Miysis DIRCM has been independently verified to have a 100% success rate, with UK and international customers conducting extensive analysis and live fire trials.

This contract, which will see Miysis DIRCM protecting VVIP passengers, demonstrates the trust which customers put in the capability. It builds on the market success of Miysis, which has been acquired by the UK for its Shadow R1 surveillance aircraft, Canada for its CP-140 Aurora maritime patrol aircraft and three other NATO customers, as well as a number of non-NATO customers.

Drawing on Leonardo's decades of DIRCM experience, Miysis is the smallest, lightest and least power-hungry DIRCM system on the market. Its fully synchronised multi-head operation ensures spherical protection around the aircraft, even if a threat passes from one hemisphere to another. Miysis is suitable for a wide range of aircraft, providing more than enough energy for a large business jet or transport while also being compact enough for a light helicopter. Miysis can operate as a standalone DIRCM system in concert with a missile warning system or can integrate with a range of defensive aid suites.

Leonardo, a global high-technology company, is among the top ten world players in Aerospace, Defence 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 such as 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 and Space). Listed on the Milan Stock Exchange (LDO), in 2019 Leonardo recorded consolidated revenues of €13.8 billion and invested €1.5 billion in Research and Development. The Group has been part of the Dow Jones Sustainability Index (DJSI) since 2010 and is named as sustainability global leader in the Aerospace & Defence sector for the second year in a row of DJSI in 2020. Bombardier, Challenger, Global and Global 7500 are registered or unregistered trademarks of Bombardier Inc. or its subsidiaries.