



Leonardo and Diamond Aircraft boost capability of DA62 Mission Surveillance Aircraft with Gabbiano Ultra-Light TS-80 radar

- The Leonardo Gabbiano Ultra-Light TS-80 radar joins the Gabbiano Ultra-Light TS-20 as an 'off-the-shelf' radar option for the Diamond DA62 MSA (Mission Surveillance Aircraft)
- The integration will expand the surveillance range of the DA62 MSA, widening the scope of missions it can perform and expanding its market potential
- Leonardo's Gabbiano radars have been selected by fourteen international customers and have been installed on a wide variety of platforms. The TS-80 variant is named for the 80 watts of power it is able to output to achieve long-range surveillance

15th November 2019 – On the occasion of Dubai Air Show 2019, Leonardo and Diamond Aircraft Industries are announcing that they will be expanding their collaboration to integrate Leonardo's **Gabbiano Ultra-Light TS-80 radar** onto the **Diamond DA62 MSA (Mission Surveillance Aircraft)**. The radar will be integrated into Leonardo's on-board ATOS (Airborne Tactical Observation and Surveillance) mission system, boosting the surveillance range of the platform, widening the range of missions it can perform and expanding its market potential. The Integration is expected to be complete by early 2020 and the Gabbiano Ultra-Light TS-80 equipped platform is available for order now.

The news follows Leonardo and Diamond Aircraft's announcement this June that they are teaming up to offer the DA62 MSA, a version of Diamond's twin-engine DA62 aircraft specially tailored for maritime and over-land surveillance missions, with Leonardo's ATOS mission system at its heart. At launch, the platform was equipped with Gabbiano Ultra-Light TS-20 radar, now in this latest development the two companies have agreed to also integrate the Leonardo Gabbiano Ultra-Light TS-80 radar as an 'off-the-shelf' fit, providing even longer ranges for the extensive suite of Gabbiano-family radar modes and giving potential customers a wider range of options to choose from.

The DA62 MSA is the latest variant of Diamond Aircraft's successful Special Mission Aircraft portfolio. The all-carbon-fibre, twin-engine aircraft is equipped with a state-of-the-art glass cockpit and a fully integrated autopilot. It is powered by two turbo charged jet-fuel engines which enable the aircraft to stay airborne for up to eight hours due to their superb fuel efficiency. The carbon fibre material provides for unlimited airframe life and is not subject to corrosion, even when operated in saline and humid environments. Together, fuel efficiency and the unlimited airframe life combine for extremely low direct operating costs, making the DA62 MSA the most cost-efficient Special Mission Aircraft in its class.

Gabbiano-family radars have been selected by fourteen international customers and have been installed on a wide variety of platforms. The TS-80 variant is so named because of its ability to output 80 watts of power, delivering long-range surveillance. The radar also features a highly-competitive

mean-time-between-failure rate of 2500 hours and a 360° antenna group with wide-elevation scan (+20°/-55°).

Like the Gabbiano Ultra-Light TS-20, the Gabbiano Ultra-Light TS-80 comes equipped with the full Gabbiano family mode suite, which has been continuously expanded over more than 10 years. This includes air-to-sea surveillance with Track While Scan (TWS), high resolution ground mapping (Spot/Strip-SAR), ship target imaging and classification with ISAR mode and navigation with ground mapping and weather avoidance.

About Diamond Aircraft Industries

Performance. Efficiency. Safety.

Diamond Aircraft, headquartered in Austria with production facilities in Canada and China, is among the leading aircraft manufacturers in General Aviation. Founded in 1981, Diamond has pioneered many aviation firsts and achieved numerous milestones and industry expert accolades. Today, Diamond Aircraft has more than 1,000 employees worldwide and offers the most complete range of certified piston aircraft models: from the 2-seat single DA20 to the stunning 7-seat DA62. With its complete line of piston aircraft including a dedicated flight training concept with Single Engine Piston (DA40 NG, DA40XLT) and Multi Engine Piston (DA42-VI, DA42-L360) trainers, along with type-specific flight training simulators and proprietary engines, Diamond Aircraft is the only sole source provider in the fleet training market. Diamond Aircraft also made a footprint in the special mission market with the remote sensing turnkey solutions DA42 MPP and DA62 MPP and the soon to be certified aerobatic turboprop tandem trainer series DART. Diamond Aircraft uses proprietary lead-free jet fuel piston engines, made by Austro Engine GmbH (a 100% subsidiary of Diamond Aircraft Austria), for the DA40NG, DA42-VI and DA62. Every one of Diamond's aircraft shares a common DNA, incorporating leading edge technology, not for the sake of innovation, but for superior performance, efficiency and safety. Over 5,000 Diamond airplanes are flown by private pilots, professional flight training operators and institutions worldwide.

For more information, visit Diamond's newsroom at www.diamondaircraft.com/en/about-diamond/newsroom, contact the Media Relations department at media@diamondaircraft.com, or follow us at facebook.com/diamondaircraftind, instagram.com/diamondaircraftind, or youtube.com/DiamondAircraftMedia.

About Leonardo

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 2018 Leonardo recorded consolidated revenues of €12.2 billion and invested €1.4 billion in Research and Development. The Group has been part of the Dow Jones Sustainability Index (DJSI) since 2010 and became Industry leader of Aerospace & Defence sector of DJSI in 2019.

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