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SCHIEBEL CAMCOPTER® S-100 COMPLETES SUCCESSFUL FLIGHT TRIALS IN FINLAND

Vienna, 17 September 2019 – After chosen for one of the companies for test trials by the Border and Coast Guard Division of the Finnish Border Guard, Schiebel's proven CAMCOPTER® S-100 Vertical Takeoff and Landing (VTOL) Unmanned Air System (UAS) performed a five-day maritime surveillance demonstration aboard Offshore Patrol Vessel (OPV) *Turva*.

The intense flight trials took place at the end of August in the Gulf of Finland. Day and night, the S-100 completed given scenarios including searching, locating and recognizing objects as well as surveillance for maximum situational awareness. In addition to top Finnish Border Guard officials, representatives of the Finnish Defence Forces, Finnish Customs, the Ministry of Agriculture and Forestry, as well as Finnish Meteorological Institute, among others, attended the event. The test was part of the ongoing Valvonta2 - project (Surveillance2) that is lead by Finnish Border Guard and funded by European Maritime and Fisheries Fund (EMFF).

The CAMCOPTER® S-100 was selected for the shipboard trials because of its outstanding reputation as a proven and reliable UAS for intelligence, surveillance and reconnaissance (ISR) missions. The S-100, a compact unmanned helicopter, offers a high degree of versatility and is well known to accommodate a wide variety of innovative and market-leading payloads, tailored to meet customers' specific requirements.

To comply with its assigned tasks, the S-100 was equipped with the state-of-the-art L3Harris Wescam MX-10 Electro-Optical/Infra-Red (EO/IR) camera, the Overwatch Imaging PT-8 Oceanwatch wide-area maritime surveillance payload and an Automatic Identification System (AIS) receiver.

"As we have seen during the trials, maritime ISR and search operations can derive significant benefits from the use of UAS," said Hans Georg Schiebel, Chairman of the Schiebel Group. "As a robust VTOL platform, the CAMCOPTER® does not require any additional takeoff or recovery equipment, which makes it perfect for OPVs with small deck sizes. We are very pleased with the outcome of the trials and hope to be back in Finland soon."

About Schiebel:
Founded in 1951, the Vienna-based Schiebel Group focuses on the development, testing and production of state-of-the-art mine detection equipment and the revolutionary CAMCOPTER® S-100 Unmanned Air System (UAS). Certified to meet AS/EN 9100 standards, Schiebel has built an international reputation for producing quality defense and humanitarian products, which are backed by exceptional after-sales service and support. With headquarters in Vienna (Austria), Schiebel now maintains production facilities in Wiener Neustadt (Austria) and Abu Dhabi (UAE), as well as offices in Washington, DC (USA) and Shoalhaven (Australia).

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About the CAMCOPTER® S-100:
Schiebel's CAMCOPTER® S-100 Unmanned Air System (UAS) is an operationally proven capability for military and civilian applications. The Vertical Takeoff and Landing (VTOL) UAS requires no prepared area or supporting equipment to enable launch and recovery. It operates by day and by night, under adverse weather conditions, with a beyond line-of-sight capability out to 200 km / 108 nm, over land and sea. Its carbon fiber and titanium fuselage provides capacity for a wide range of payload / endurance combinations up to a service ceiling of 5,500 m / 18,000 ft. In a typical configuration, the CAMCOPTER® S-100 carries a 34-kg / 75-lbs payload up to 10 hours and is powered with AVGas or JP-5 heavy fuel. High-definition payload imagery is transmitted to the control station in real time. In addition to its standard GPS waypoint or manual navigation, the S-100 can successfully operate in environments where GPS is not available, with missions planned and controlled via a simple point-and-click graphical user interface. The high-tech unmanned helicopter is backed by Schiebel's excellent customer support and training services.

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