

# SCHIEBEL PRESS

## **SCHIEBEL CAMCOPTER® S-100 SUCCESSFULLY CONCLUDES SEARCH AND RESCUE FLIGHT TRIALS IN NORWAY**

**Vienna, 7 October 2019 – Schiebel successfully demonstrated the shipboard integration of its CAMCOPTER® S-100 as well as its impressive search and rescue (SAR) capabilities to the Norwegian Coast Guard on board of the *KV Svalbard* from 16 to 27 September 2019.**

The outstanding flight trials included a successful search and rescue mission, where the Vertical Takeoff and Landing (VTOL) Unmanned Air System (UAS) CAMCOPTER® S-100 and a manned Sea King helicopter teamed up in a simulated “man over board” operation.

The “man over board” dummy was found by the CAMCOPTER® S-100, which was equipped with the Overwatch Imaging PT-8 Oceanwatch wide-area maritime surveillance payload, the high-quality L3 Harris Wescam MX-10 real-time Electro-Optical/Infra-Red (EO/IR) camera and the Schiebel-designed harpoon system, which supports takeoff and landing in conditions up to Sea State 5. The images were transmitted in real time to the operational room on board of the *KV Svalbard* and a local land based control centre via its Radionor’s Maritime Broadband Radio (MBR) link where it was disseminated via the internet and broadcast to the Joint Rescue Center. Subsequently, the manned helicopter retrieved the dummy from the water to the deck of the *KV Svalbard*.

“This successful search and rescue trial is another great example of Schiebel continuously staying ahead of the curve. The S-100 is the only VTOL UAS outside of the United States that is routinely flying from ships and in addition it is capable to carry a multitude of payloads. Especially for maritime search and rescue missions, the capabilities of the S-100 convince customers, given its compact size and it being able to scan vast areas for small objects,” said Hans Georg Schiebel, Chairman of the Schiebel Group.

### **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).

### **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

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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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