

## SCHIEBEL WINS NORWAY'S TENDER FOR UNMANNED AIR SYSTEM DEPLOYMENT IN THE ARCTIC

**Norway's Andøya Test Center selected Schiebel's marketleading CAMCOPTER® S-100 Vertical Takeoff and Landing (VTOL) Unmanned Air System (UAS) for extensive search and rescue trials as part of the Arctic 2030 project.**

The CAMCOPTER® S-100 was selected for its exemplary international reputation and its successful record of accomplishments in the maritime domain with customers all around the world. In a typical configuration, the CAMCOPTER® S-100 operates six hours continuously and is able to simultaneously carry multiple payloads, offering significant payload flexibility to the user. Therefore, the S-100's missions deliver aerial views that reach considerably farther than manned helicopters.

The S-100 also offers a number of key advantages for naval operations in the Arctic. As a VTOL platform, the CAMCOPTER® does not require any additional start or recovery equipment and its minimal footprint is perfect for off-shore patrol vessels (OPVs) with small deck sizes. The S-100 also distinguishes itself through its ability to perform in the harshest weather conditions, flying at temperatures down to -40°C. This has been successfully proven in a series of intensive trials, such as the Canadian icebreaker operations. In this particular case, the CAMCOPTER® S-100 was deployed 60 nautical miles north of Fogo Island, providing a wide-view image of the ice structure as well as identifying the boundaries between flat and rough ice.

The goal of the Andøy Municipality project is a demonstration of VTOL UAS use in the Arctic region in an effort to increase maritime safety. For this purpose, the CAMCOPTER® S-100 will be equipped with an Electro-Optical/Infra-Red (EO/IR) camera gimbal, an Overwatch Imaging PT-8 Oceanwatch payload, an Automatic Identification System (AIS) receiver and a Maritime Broadband Radio (MBR) by Radionor. Such a combination of payloads is intended to strengthen emergency preparedness in the region and provide search and rescue mission support.

Tests are scheduled to commence in the fall of 2019 with the UAS being deployed from Norwegian Coast Guard vessels in Andfjorden, Northern Norway. More operations are planned in Spitsbergen in the spring of 2020.

"This is clearly an important milestone in the project," said Gunnar Jan Olsen, General Manager of the Andøya Test Center. "We have already gained some experience with the Schiebel CAMCOPTER® S-100 UAS during an impressive demonstration in 2017. We believe that these current, more extensive S-100 trials will demonstrate that maritime safety in the Arctic can effectively be increased with the help of VTOL UAS."

"The CAMCOPTER® S-100 has performed a series of challenging demonstration flights in the Arctic over the years and has proven its operational value and mission effectiveness," added 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), Shoalhaven (Australia) and Phnom Penh (Cambodia).

### 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.