

SCHIEBEL DEMONSTRATES THE CAMCOPTER® S-100 MARITIME CAPABILITIES FOR THE BRAZILIAN NAVY

Vienna, 5 June 2014 – Schiebel’s dedication to the maritime domain and its ability to respond to the evolving unmanned systems requirements lead to a series of trials for the Brazilian Navy from 2nd to 5th June near São Pedro da Aldeia, Brazil, from the Brazilian Amazonas Class Ship APA.

Schiebel’s unmanned helicopter CAMCOPTER® S-100 convinced representatives of the Brazilian Navy and Ministry of Defense of its outstanding capabilities as a VTOL UAS (Unmanned Air System), after series of sorties were flown from the sea near Cabo Frio, Brazil (160 km east from Rio de Janeiro). In support, a number of presentations were given over four days to the attending officers, covering the unique maritime capabilities of the S-100.

The demonstration flights were conducted using scenarios agreed with the Brazilian Navy and designed to evaluate the capabilities of its payloads: L3 Wescam MX-10, Selex ES SAGE ESM, Selex PicoSAR Radar and AIS (Automatic Identification System), highlighting the extensive portfolio of available payloads for the CAMCOPTER® S-100. All trials were carried out during both day and night at ranges out to 44 nautical miles with target detection out to 90 nautical miles.

The programme successfully demonstrated the CAMCOPTER® S-100 capability to meet the operational needs of Maritime Commanders in such complex, dynamic environments.

About Schiebel:

Founded in 1951, the Vienna-based Schiebel Group of companies 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). Schiebel has built an international reputation for producing quality defense and humanitarian products, which are backed by exceptional after-sales service and support. Since 2010 Schiebel offers the new division composite and is able to supply high-tech customers with this high-quality carbon fiber technology. All products are quality-controlled to meet ISO 9001 standards. 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 Phnom Penh (Cambodia).

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About the CAMCOPTER® S-100:

Schiebel's CAMCOPTER® S-100 Unmanned Air System (UAS) is a proven capability for military and civilian applications. The Vertical Takeoff and Landing (VTOL) UAS needs no prepared area or supporting launch or recovery equipment. It operates in day and night, under adverse weather conditions, with a beyond line-of-sight capability out to 200 km, both on land and at sea. The S-100 navigates via pre-programmed GPS waypoints or is operated with a pilot control unit. Missions are planned and controlled via a simple point-and-click graphical user interface. High definition payload imagery is transmitted to the control station in real time. Using "fly-by-wire" technology controlled by a triple-redundant flight computer, the UAV can complete its mission automatically. Its carbon fiber and titanium fuselage provides capacity for a wide range of payload/endurance combinations up to a service ceiling of 18,000 ft. In its standard configuration, the CAMCOPTER® S-100 carries a 75 lbs/34 kg payload up to 10 hours and is powered with AVGas or heavy fuel.

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