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CAMCOPTER[®] S-100 SUPPORTS ROVER VIDEO SURVEILLANCE SYSTEM CAPABILITY

Vienna, 8 June 2010 – Schiebel successfully tested and integrated the ROVER (Remotely Operated Video Enhanced Receiver) system. This “receive only” system allows ground personnel to see the images from cameras and sensors that are carried by a UAV or manned aircraft platform.

The integration of ROVER with the CAMCOPTER[®] S-100 as a rotary wing UAS provides the user on the ground with capabilities previously unavailable when using similar systems on fixed wing UAV platforms.

In service to military units for several years, the ROVER system has evolved into a man portable system, capable of delivering real time intelligence to field commanders. The information is shown on a small monitor or laptop. The whole ROVER system device may be carried in a backpack. All information is transmitted directly from the UAS to the ROVER. This creates a significant awareness advantage for any unit commander. With a ROVER system transmitter equipped CAMCOPTER[®] S-100, the UAV operator and ground units are looking at the same image; allowing for precise target recognition by having multiple eyes on the actual image.

“The integration of ROVER into the CAMCOPTER[®] S-100 will greatly improve the field commander’s situational understanding and decision making process. This is particularly important in today’s diverse, quickly changing and dynamic operational scenarios.” says Neil Hunter, Managing Director of Schiebel.

ROVER is the choice of the U.S. military and a number of NATO countries. Its integration with the CAMCOPTER[®] S-100 is significant upgrade in the UAV’s ability to offer precise, real time close in aerial support to personnel in the field.

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 Aircraft 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 Warrenton VA (USA), and Phnom Penh (Cambodia).

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About the CAMCOPTER® S-100:

The Schiebel Group's CAMCOPTER® S-100 Unmanned Aircraft 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 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 simple point-and-click graphical user interface and 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 AV 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 and, in the standard configuration, carries a 75 lbs/34kg payload for over 6 hours.

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