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SCHIEBEL DEMONSTRATES CAMCOPTER® S-100 AS DRONE MOTHERSHIP

Vienna, 18 November 2026: Schiebel, together with OSIRIS Poland, has successfully demonstrated the CAMCOPTER® S-100 Unmanned Air System (UAS) as an airborne carrier, deployer and communications relay for a small Unmanned Air System (sUAS) during a proof-of-concept demonstration in Austria.

During the demonstration, the CAMCOPTER® S-100 carried and deployed an OSIRIS HSCD-1 (High-Speed Camera Drone) whilst in forward flight. Following release, the small drone was operated through a communications link relayed via the S-100, successfully demonstrating the concept of using the larger UAS as a drone mothership as well as an airborne control and video relay.

The concept combines the range and endurance of the CAMCOPTER® UAS series with the speed and agility of smaller unmanned systems. By transporting an sUAS closer to its intended area of operation / target and maintaining the communications link after deployment, the Schiebel UAS can significantly extend the operational reach and endurance of smaller drones beyond the limitations of conventional ground-based launch and operation.

The successful proof-of-concept opens up a range of potential applications, particularly in the Counter-Unmanned Air System (C-UAS) domain. While the demonstration was conducted with an inert variant, the concept can also support high-speed interceptor drones equipped with effectors or any other sUAS for a wide range of applications. Acting as a force and capability multiplier, the CAMCOPTER® S-100, S-300, S-101 and S-301 systems can serve as carrier, launch platform and airborne communications relay for smaller unmanned systems and loitering munitions, extending their operational reach and flexibility.

“This proof-of-concept demonstrates the incredible potential of combining the mature and proven CAMCOPTER® with smaller, specialised unmanned systems,” said Hans Georg Schiebel, Chairman of the Schiebel Group. “The successful integration of the OSIRIS HSCD-1 demonstrates a concept that can also be applied to high-speed interceptor drones, opening up new possibilities for diverse operational scenarios.”

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About Schiebel:
Founded in 1951 in Vienna, the globally operating Schiebel Group focuses on the development, design and production of the revolutionary CAMCOPTER® S-100, S-300, S-101 and S-301 Unmanned Air Systems (UAS). Certified to meet AS/EN 9100 standards, Schiebel has built an international reputation for producing high-tech military, commercial and humanitarian products, which are backed by exceptional after-sales service and support. Schiebel has facilities in Vienna and Wiener Neustadt (Austria), Toulon (France), Manassas, VA (USA), Abu Dhabi (UAE), 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 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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