

[Home](#) > [News](#) > [Air Warfare](#) > Bigger bang for your buoys: Schiebel makes headway on S-300 at Paris Air Show



TRAINING THAT DELIVERS.

FSI DEFENSE

GET STARTED >

Bigger bang for your buoys: Schiebel makes headway on S-300 at Paris Air Show

22nd June 2023 - 12:30 GMT by Harry Lye in Paris



Schiebel's S-100 and S-300 Camcopters. (Photo: Schiebel)

The rotary-wing UAS maker – famed for its S-100 Camcopter – is making strides with the development of its S-300, a larger aircraft that will offer expanded payload options and more persistence.



Speaking to *Shepherd* at Paris Air Show, Schiebel business development director Neil Hunter said a ground-based test rig of the aircraft, also known as an 'Iron Bird', would be 'flown' either by the end of this year or early next.

This would pave the way for the first actual flight of the S-300 in 2024.

The Camcopter S-300 is a larger variant of the S-100 manufactured by Schiebel. The VTOL-capable UAV is intended for ISR missions, partially those in the maritime environment.

RELATED ARTICLES

[Paris Air Show: Safran and MTU join forces to power next-gen European rotorcraft](#)

[Paris Air Show: MBDA open to commonality across European future fighter weapons](#)

[Paris Air Show: Eurofighter confident it can sell up to 200 jets in the next two years](#)

According to Schiebel, the S-300 features a high level of commonality with the S-100, allowing users familiar with that system to transition without additional operator training.

Schiebel is aiming for the S-300 to have an MTOW of around 600kg, half of which would be payload capacity.

At full load, the rotary drone maker believes the system could fly for as long as five to six hours. This endurance would only increase if less weight is carried.

Hunter said with a 50kg payload, the drone could fly for as long as 20 hours.

In a boon for commonality, the same ruggedised GCS laptops that control the S-100 can be used to pilot the S-300.

To maximise the capabilities of the aircraft, Schiebel is working on the integration of SATCOM to allow for beyond line-of-sight flight.

At Paris Air Show, the company held a handover ceremony for the aircraft's rotor head.

While the S-100 is highly capable, the S-300 would allow for carrying a much more powerful maritime search radar – something that could be of interest to many naval customers.

Helping
Artificial intelligence
to serve our
democracies

MOST VIEWED

MOST SHARED



Why the F-36 fighter jet remains a force to be reckoned with



Fourth Triton UAS delivery for US Navy sees completion of first operational orbit



Indonesia orders CM400a radars to enhance its patchy air surveillance



Paris Air Show: Eurofighter confident it can sell up to 200 jets in the next two years

YOU MAY ALSO LIKE



Uvision sees loitering munition market blooming and diverging at Paris Air Show



Fourth Triton UAS delivery for US Navy sees completion of first operational orbit



What will future military drones look like?



Paris Air Show: MBDA open to commonality across European future fighter weapons

An aircraft the size of the S-300 could also carry as many as eight sonobuoys, giving a much greater envelope to undertake uncrewed anti-submarine warfare (ASW) missions.

Schiebel also sees CONOPS for the aircraft in the land domain for a range of missions, including resupply and search and rescue.

Schiebel has already seen some interest from S-100 operators in trading up to the S-300.

Navies like those of France and the UK are exploring larger rotary-wing UAS for a range of missions through their respective projects.


France is developing the Airbus VSR700, and the UK has contracted Leonardo for Proteus – a developmental effort to support the RN's Future Maritime Aviation Force.

The UK has already procured the S-100 under the guise of Peregrine.

The contract for Peregrine, formerly known as [Flexible Tactical Uncrewed Air System \(FTUAS\)](#), sees Schiebel's S-100 Camcopter equipped with a Thales I-Master radar to aid the situational awareness of [Duke-class Type 23 frigates](#) when they are deployed.

Unlike a traditional helicopter, rotary-wing UAS can be much more cost-effective due to the lack of crew and cheaper associated operational costs.

Peregrine was also on show at Paris Air Show on Thales' stand.





AUTHOR

Harry Lye


Harry Lye is Senior Naval Reporter at Shephard Media.


Harry joined the company in 2021, ...


[Read full bio](#)




SHARE TO

 FACEBOOK

 TWITTER


 LINKEDIN

MORE FROM AIR WARFARE




Indonesia orders GM400a radars to enhance its patchy air surveillance

Indonesia has inked a long-awaited deal for multiple air surveillance radars that will close gaps in the military's ability to monitor aircraft movements.




Paris Air Show: Ukraine to benefit from billion-dollar AMRAAM deal

Ukraine will benefit from a new \$1.15 billion AMRAAM contract awarded to RTX – the company formerly known as Raytheon – by the US Air Force.



Lockheed calls for 'forward-looking approach' on F-35 engine at Paris Air Show

Lockheed Martin emphasises the need for more power and cooling, suggesting a potential requirement for an Adaptive Engine Transition Program (AETP) performance-related improvement, a programme that was recently revived by the House Armed Services Committee.



Paris Air Show: Eurofighter confident it can sell up to 200 jets in the next two years

Eurofighter expressed confidence in expanding its customer base and emphasised ongoing negotiations with potential buyers, including Poland, while a deal with Saudi Arabia remains gridlocked.


Get expert news and analysis direct to your inbox

Sign up to Shephard's monthly Decisive Edge newsletters and daily/weekly news updates. You can customise your mailing preferences on the next page.

EMAIL *

 Type your work email

JOB TYPE*



By submitting this form you agree to the terms as outlined in our [Privacy Policy](#). You can opt-out of emails at any time.

SIGN UP

NEWS

Connect with us on socials



News

[Latest news](#)

[Subscribe](#)

[Contact us](#)

Shephard

[Our mission](#)

[Marketing solutions](#)