

Date  
28 April 2020Reference  
CU 20:028 E

## Saab's New Fighter Radar in the Air

Saab has successfully completed the first air trials with its new fighter X-band Active Electronically Scanned Array (AESA) radar, which will be offered as a new addition to Saab's PS-05/A radar family.

Saab continues to develop core AESA technology and has now successfully completed the first air trials with the new X-band AESA radar. The trials were flown successfully, collecting data while detecting and tracking objects.

The radar is designed for fighter aircraft and can be adapted to a variety of platforms. [As Saab previously announced](#), a version of the new AESA antenna has been sold to a U.S. Government customer.

"This is an important step in the development of our new fighter AESA radar. We see great possibilities for the radar, and its modular, adaptable and scalable design means it can also be used for a range of other applications", says Anders Carp, SVP and head of Saab's business area Surveillance.

The host aircraft during the air trial was a Gripen D aircraft, which is currently offered with Saab's latest Mk4 radar. The new version of the radar can be offered to Gripen C/D operators, as an upgrade.

The new AESA radar features GaN, a material that gives lower power consumption and improved heat resistance. This enables wider bandwidth and greater reliability, availability and efficiency. The new fighter X-band AESA radar will, for example, have better performance against small targets, enhanced Electronic Counter-Countermeasures (ECCM) capability as well as improved ability to support more advanced weaponry.

**For further information, please contact:**

Saab Press Centre,  
+46 (0)734 180 018  
[presscentre@saabgroup.com](mailto:presscentre@saabgroup.com)

[www.saabgroup.com](http://www.saabgroup.com)  
[www.saabgroup.com/YouTube](http://www.saabgroup.com/YouTube)  
Follow us on twitter: @saab

*Saab serves the global market with world-leading products, services and solutions within military defence and civil security. Saab has operations and employees on all continents around the world. Through innovative, collaborative and pragmatic thinking, Saab develops, adopts and improves new technology to meet customers' changing needs.*

---

**Saab AB (publ)**

Postal address  
SE-581 88 Linköping  
Sweden

Telephone  
+46 (0)13 18 00 00

Telefax  
+46 (0)13 18 72 00

Registered office  
Linköping

Registered No  
556036-0793

VAT No  
SE556036079301

Internet address  
[www.saabgroup.com](http://www.saabgroup.com)