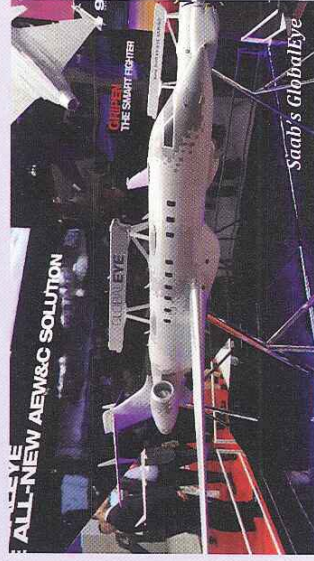


Saab's GlobalEye redefines Airborne Surveillance Market

Saab has extended its airborne early warning and control portfolio, with the introduction of the GlobalEye multi-role airborne surveillance system. GlobalEye combines Saab's all-new Erieye ER (Extended Range) radar and mission system with the high-end Global 6000 jet aircraft from Bombardier. "With GlobalEye we expand and sharpen our offering, targeting customers looking to maximise their return on investment in extended AEW&C capabilities as a national asset to benefit their country," stated Micael Johansson, head of Saab's business area Electronic Defence Systems.

The multi-role GlobalEye automatically detects and tracks air and surface targets over a huge area. Ground surveillance of moving vehicles can be conducted through long-range, wide-area ground moving target indication (GMTI) radar modes. With the Erieye ER radar, detection and tracking ranges have been significantly increased compared to existing airborne radars, and against the smallest targets. The GlobalEye system can track very low-observable air and sea targets, including 'stealthy' aircraft, cruise missiles or submarine periscopes, even in heavy clutter and jamming environments. The GlobalEye integrates a comprehensive suite of sensors, including signals intelligence, and advanced self-protection equipment with a newly-developed command, control and communication system. Cost-effective system availability is assured through the combination of a small organisational footprint and Saab's in-service support.

A key aspect of the GlobalEye system is the Global 6000 ultra-long-range jet aircraft from Bombardier, which offers the latest avionics and combines ideal size for multi-role and extended AEW&C with outstanding performance. It is a high speed aircraft with impressive short field performance and low operating costs. Thanks to the Global 6000 platform GlobalEye mission endurance can extend up to 11 hours. The launch customer for GlobalEye is the United Arab Emirates, which ordered the system as the Swing Role Surveillance System (SRSS), in November 2015. (see *Vayu 1/2016*)



Textron Systems Shadow V2 UAV

Textron at Singapore air show

Almost two years after the merger of two famous brands in general aviation, Textron Aviation made its first appearance at the Singapore air show. The company had five aircraft on display, from its high-performance Cessna TTx piston single to its Citation CJ4 business jet. The merged company enjoys a dominant position in many sectors in Asia, said Chris Bogaars, vice president for international sales for Asia-Pacific. "The Citation fleet is the most successful in this region. One new aircraft being pitched at the Asian market that was not on the static display area is the Scorpion light attack/surveillance aircraft, although Textron is promising to take the first production version to the UK's Royal International Air Tattoo and Farnborough show in July. "The aircraft is very applicable to the maritime patrol environment in Asia-Pacific," says Russ Bartlett, president of Beechcraft Defense. "The magic of the Scorpion is that you can put a variety of sensors or equipment in its payload bay. You can do a lot of things very affordably." He said that the Scorpion has been "designed as an ISR [intelligence, surveillance and reconnaissance] aircraft first, and strike aircraft second" and is "positioned at a price point and cost per flight hour that just isn't catered for, significantly under single-engine fighter jets".

