



SAAB



RBS 70 NG

Safeguarding your skies

Enhancing your capabilities and securing your safety in the sky

The RBS 70 New Generation (NG) utilises state-of-the-art components and technology to provide a highly integrated and modular air defence system to safeguard your skies.

With its modular concept and cutting-edge technology, the RBS 70 NG provides a scalable and long-term solution to evolving ground-based air defence requirements.

Specifically designed to allow for highly flexible deployment options, the RBS 70 NG may be alternately applied as a man-portable air defence system (MANPADS), as a vehicle integrated air defence system, or as a fully remote controlled configuration for long-term stationary air defence missions.

The RBS 70 NG sight enhances the capability of the BOLIDE missile by reducing tracking noise through the implementation of an auto-tracker function. Less noise will result in even higher manoeuvrability, and advanced precision.

The core of RBS 70 NG is the new generation sight module with:

- Integrated high resolution thermal imager
- Advanced cueing aids to improve reaction times and target acquisition
- Auto-tracker to support the operator during the engagement and increasing the hit probability throughout the missile range
- Improved guidance, further increasing system performance both for manual and auto-tracker engagements
- Built-in video recording for after-action review



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RBS 70 NG MODULAR CONCEPT

The NG sight is a compact integrated guidance unit with integrated thermal imager, built-in auto-tracker and advanced cueing aids. In addition to the MANPADS configuration, the modular design of the NG sight unit allows for deployment on an almost unlimited number of vehicle types, as well as network integration and remote control. The RBS 70 NG provides a scalable and long-term solution to the evolving ground-based air defence requirements.

MISSILES

The modular design allows the RBS 70 NG to reuse all existing generations of RBS 70 missiles up to the new BOLIDE fourth generation all-target VSHORAD missile. With the use of the BOLIDE missile, the RBS 70 NG provides highly effective against all threats. The combined shaped-charge and pre-fragmented warhead makes the system uniquely capable of defeating armoured air targets such as attack helicopters and CAS aircraft, as well as armoured ground targets like APCs.



TRAINING EQUIPMENT



The RBS 70 NG employs a training concept built around commercially available PC-based classroom trainers, allowing for a range of scenarios, from basic operator training up to co-operative training for the complete air defence unit. Outdoor training is performed either with the combat equipment supported by the built-in recording function for after-action review, or by using the simulator.

Systems features

- Integrated thermal imager
- Built-in auto-tracker
- Visual cueing and target designation
- Compatible with all RBS 70 missiles
- All target capability (with BOLIDE missile)

Technical data

Guidance method	Laser beam-riding missile
Effective range	220–9,000 m
Altitude coverage	0–5,000 m
Deployment time	30 secs
Reloading time	< 5 secs (MANPADS)
Max velocity (BOLIDE)	Mach 2
Reaction time	< 1 sec

