



KONGSBERG

RBS70 Training System

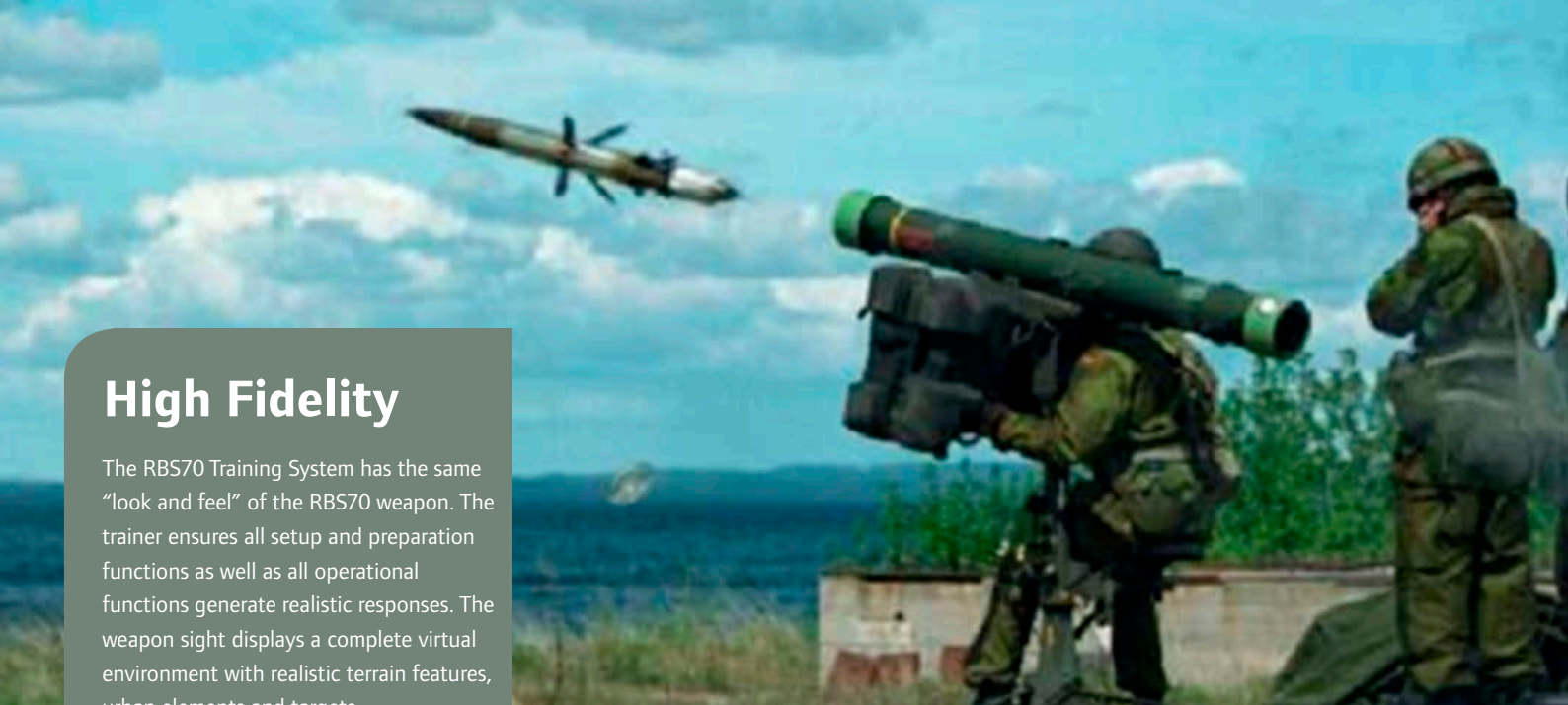
- the next generation trainer for the Robot System 70



The RBS70 Training System is the next generation trainer for the RBS70 Weapon System. The scalability of the RBS70 Training System enables it to function as a stand-alone trainer or be integrated into a complete Air Defence battery trainer. 40 trainers have been delivered to the Norwegian and Swedish Armies.

The RBS70 Training System

RBS70 Training System is a complex weapon system. In order to maximize its performance in a wartime situation, all operators have to function as a team. This requires each team member to obtain a competence level built up by acquiring basic knowledge of the system, achieving key skills, and developing coordination capabilities. The RBS70 Training System facilitates complete Basic Training, Skill Training, Team Training as well as Tactical Training for the system.



High Fidelity

The RBS70 Training System has the same "look and feel" of the RBS70 weapon. The trainer ensures all setup and preparation functions as well as all operational functions generate realistic responses. The weapon sight displays a complete virtual environment with realistic terrain features, urban elements and targets.

All target models include detailed features enabling target recognition and identification. The coarse and fine aiming of the RBS70 Sight in the trainer is equal to that of the real equipment.

Any changes to the settings for the proximity fuse, height correction and wind correction generate appropriate effects. Heat dissipation during the fly-out of the missile as well as the booster separation is modelled in the visual system. 3D-battle sound and sound effects are also incorporated into the system simulation.

Customised to your training needs

Mobile

The KONGSBERG RBS70 Training System can be delivered as a highly mobile system, complete in cases ruggedized for transportation in any climate. Installation and set-up is very simple and can be completed in approximately 15 minutes.

Scalable

The RBS70 Training System is a fully scalable system. The system can be utilized as a stand-alone RBS70 simulator and with one instructor station. Or it can be integrated with other systems including weapon terminals and other sensors in the Air Defence battery for complete Air Defence battery training. The customer is able to scale the training environment to achieve the desired level of training fidelity.

Cost effective

The RBS70 Training System uses COTS components replacing the costly bespoke parts of the earlier simulator sights such

as gyro, mirror, and CRT. All simulation is handled by a standard Windows PC workstation with high-end 3D graphics for realistic visual and sound simulation.

Open standards

The RBS70 Training System has a distributed architecture based on the High Level Architecture (HLA). This ensures modularity of the system and flexibility to expand the system to meet future requirements. KONGSBERG provides unique training aids across an extensive range of applications where human factors and skill are essential for optimum system performance and operational effectiveness.



Complete Air Defence Training Centre