

Improve your mission safety:
reliable testing for
self-protection systems



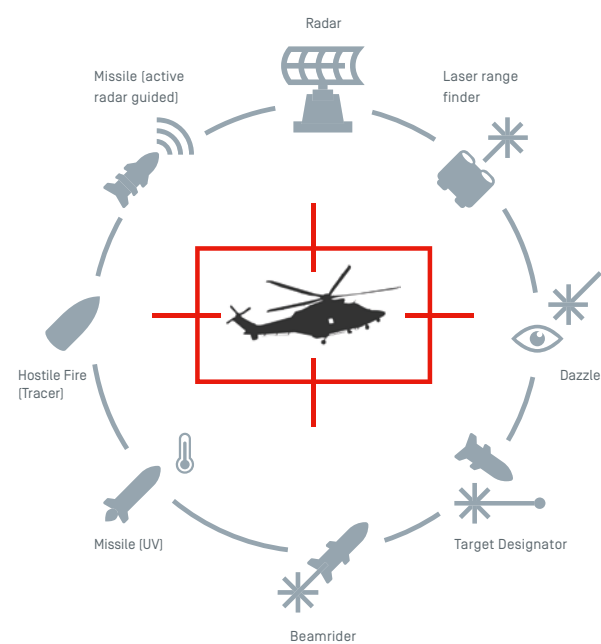
MISSIM MK3:
THE COMPACT ALL-IN-ONE TEST DEVICE

For sovereign security.

Are you sure that your self-protection system is working?

➤ During military operations or humanitarian deployments in conflict zones, helicopters and air systems and their crews are confronted with complex threats. This requires absolute trust – in all capabilities and in all systems. Mission and flight safety always has priority, and self-protection systems are often essential for survival. Are you really sure that your systems are working as required?

A BROAD SPECTRUM OF THREATS



OUR CONTRIBUTION TO SECURITY

Together with our customers and partners, we work for a secure future – day after day. With missim MK3 we have developed a test device for self-protection systems, which contributes to safety. In addition to our future-oriented solutions, we focus on comprehensive life-cycle management. Our experts will advise you individually and personally.

The compact all-in-one test device for self-protection systems

➤ Make sure your self-protection systems are working as required: with our innovative all-in-one test device missim MK3 you can easily and quickly check the functionality of your systems and get a reliable “Go/No-Go” result for the flight. The compact, multifunctional sensor tester is compatible with most of the self-protection systems.

MISSIM MK3 FEATURES AT A GLANCE

➤ SIMULATION OF VARIOUS THREAT SCENARIOS

Simulates several threat types including radar, laser, UV and IR with a large selection of pre-programmed scenarios.

➤ TEST WITH YOUR OWN SCENARIOS

Individual programming with generic or specific scenarios, which can be securely deleted if required.

➤ HIGH COMPATIBILITY

missim MK3 is compatible with the sensors of most of the self-protection systems and requires no modification to the air system.

➤ USER-FRIENDLY DESIGN

Handy device with optimal ergonomics and intuitive user interface. Designed and produced in Switzerland.

➤ COMPREHENSIVE SERVICE PACKAGE

Support and warranty, training, field service and life-cycle management by experienced RUAG specialists.



red**dot** winner 2024



Handy device with optimal ergonomics and clear display



Practical transport box can be easily stowed on board

➤ Your advantages



RELIABLE TESTING

You will quickly receive a functional confirmation of the sensors and a reliable “Go/No-Go” result for the flight.



ALL-IN-ONE DEVICE

Cross-spectrum EW threat simulation with a single portable device which allows to test own scenarios and individual sequences.



SIMPLE AND FLEXIBLE USE

You can use the handy and intuitive test device missim MK3 independent of self-protection system and platform in all weather conditions.



LONG TERM UPGRADES

Due to our regular software updates and continuous enhancements of the functions, you benefit from sustainable high-performance of the test device.



COUNTERMEASURE ADVANCED SAFETY TEST EQUIPMENT (CAST)

For testing dropping systems, the CAST electronic chaff and flare simulator can be integrated directly into the self-protection system. You can use the simulator together with the sensor tester missim MK3.



INTEGRATED SELF-PROTECTION SYSTEM

For decades, air forces all over the world have been putting their trust in the reliability and effectiveness of our self-protection solutions. The integral system alerts to any threats and activates effective counter-measures if attacked from the ground or from the air.



Improved mission safety at lower costs

➤ Our reliable missim MK3 test device increases safety and gives aircrew the confidence they need in their self-protection system, allowing them to concentrate fully on their mission. Thanks to one test device for all sensors, costs are reduced.

MAXIMUM SAFETY

Time-saving, reliable functional testing of self-protection systems ensures operational readiness and improves mission and flight safety.

REDUCED COSTS

By using a single test device for all sensors, you reduce your operational costs and logistics effort.

SUSTAINABLE SOLUTION

Continuous updates and enhancements of the functions as well as comprehensive service package guarantee a sustainable operation of the device.

With the test device missim MK3, I can quickly and reliably test the functionality of all self-protection systems before every flight. The device is handy and easy to use.

Daniel Kurt, Chief Pilot – Factory Flight Test RUAG

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