



# Flight Line Tester

Verification of  
defensive aids system



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# Flight Line Tester

The Flight Line Testers are Aircraft Ground Equipment for on-platform tests and can be used stand-alone as well as in a complete system test controlled by VeriDAS.

The main differentiator is, that the Flight Line Testers are directly coupled with the aircraft sensors. Therefore, a precise and repeatable test signal is provided independent from environmental conditions, distance and operator. The Flight Line Testers are suitable to use in outdoor and harsh conditions due to their Military Standard specifications.

## A suite of tools to simulate all the threats



The **Zero Voltage Tester** is a hand-held device which is inserted into a Cartridge Dispenser Module instead of a magazine. Any stray voltage is discharged and the zero voltage test verifies that no voltage is present on the firelines.

The **Chaff/Flare Dispenser Payload Simulator** has the same functions as the Zero Voltage Tester. It is directly inserted into the Cartridge Dispenser Module to simulate the presence of a real magazine. Additionally the tester is able to simulate good, missing and faulty ammunition as well as different ammunition code settings.





The **Optical Threat Generator** Flight Line Tester is used to test the laser warning receiver by stimulating the sensors with a laser threat from various directions over a 180 degree field of view and successively at low-band, mid-band and high band wavelengths. Threat indication is confirmed by reading the data off the Milbus.

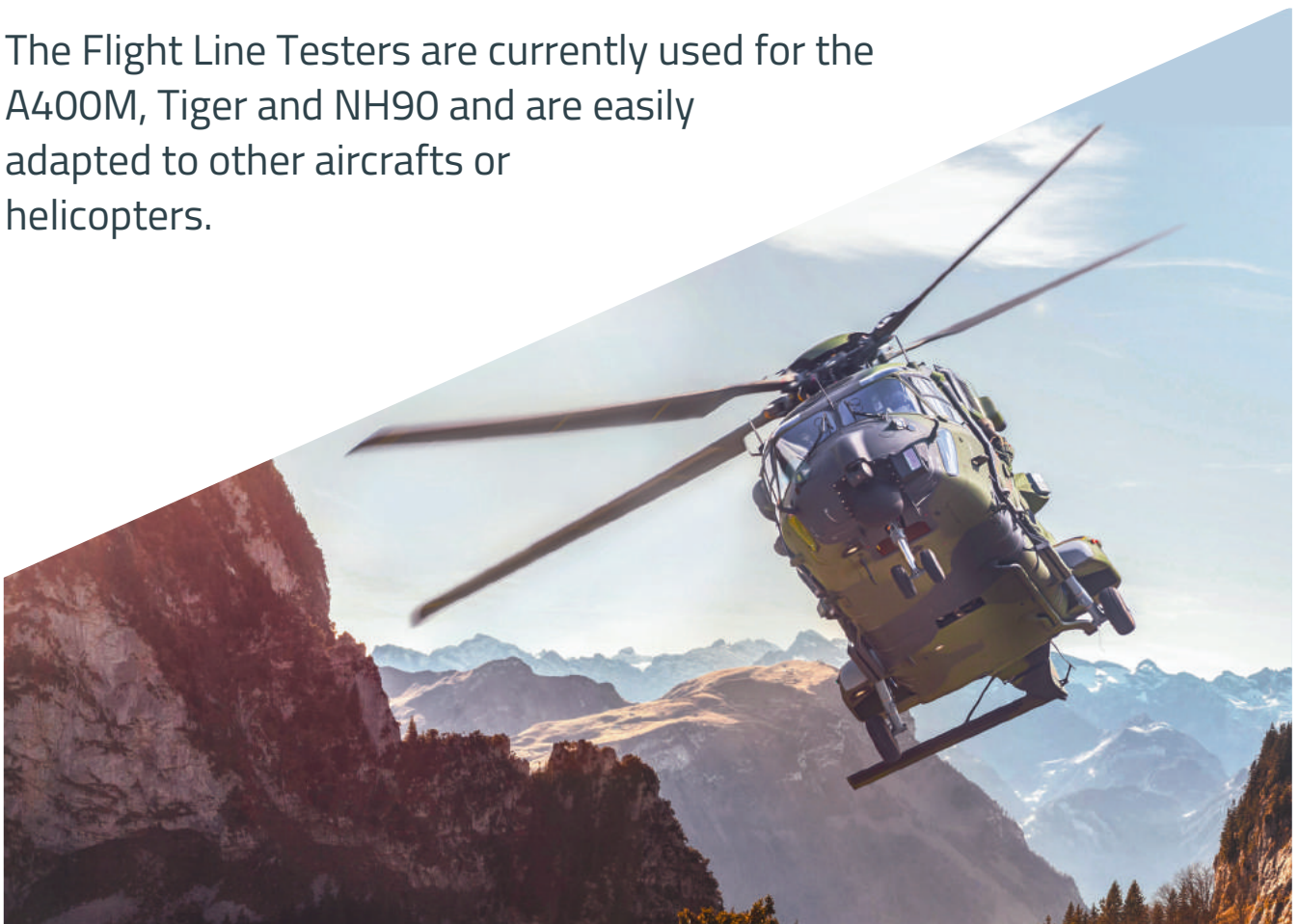


The **Ultra Violet Stimulator** Flight Line Tester verifies the missile launch detection system performance in recognizing threats by stimulating its sensor units with UV light under different angles of incidence.

## Application Area

For aircraft and helicopters equipped with an Expendable Dispensing System (EDS), the Flight Line Tester contributes to enhanced mission availability, by providing a tool for quick and exhaustive on-aircraft testing of the EDS in airfield environments.

The Flight Line Testers are currently used for the A400M, Tiger and NH90 and are easily adapted to other aircrafts or helicopters.



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