



Part Number: EU02156-01-FG

UV GRIFFEN™ -50

IN-FLIGHT CONFIDENCE TEST & OPEN RANGE TRAINING

The Ultraviolet (UV) Griffen-50 is a medium range electro-optical (EO) system designed to stimulate UV Missile Warning Systems (MWS) such as AN/AAR-47, -54, -57 (CMWS) , -60 (MILDS) and MAWS 200/300. This ruggedized, military specification (MIL-SPEC) system can be used as an independent confidence Go/No-Go Test Set while the aircraft is airborne, post-mission or as a rapidly deployable training aid. Griffen can be operated from typical stand-off ranges 500 m to 5 km. The Griffen can also be used with an additional optional filter as a pre-mission flight-line Go/No-Go confidence test set. Griffen can be programmed with threat profiles and the batteries externally charged using a communication serial data port. Griffen is sufficiently rugged for cross-country movement and operation and can be remotely controlled.

TEXTRON Systems

Electronic Systems

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UV GRIFFEN-50

SYSTEM PERFORMANCE



Typical Operating Range
> 5 km



Number of Test Profiles
9



Battery Life
> 100 engagement operations



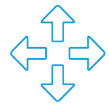
UV Wavelengths
Solar blind



User Interface
Switches, rotary switch,
indicators and trigger switch
and GUI



Weight (including battery)
< 4.2 kg



Typical Beam Divergence
4.5 deg (half power)



Aiming
Day or thermal night sight



Dimensions (including handle)
112 (W) x 252 (H) x 341 (L) mm



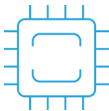
Maximum Profile Length
16 sec



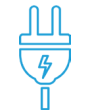
Remote Control Connection
RS 232/422 serial port



Mounting Configuration
Handheld or monopod



Memory Media Type
Easily accessible internal
memory card



Power
Internal rechargeable battery



Maximum Peak-Pulse On-Axis
Radiant Powers
2.0 W.sr-1



Standard Color
NATO green

PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

- Threat library profiles compatible with all in-service UV MWS
- Designed to perform rapid flight-line confidence test at safe distances around operationally ready rotary wing and jet aircraft with optional filter
- Can be remotely controlled from a PC for extended safety and laboratory operations
- Rugged design, including ATEX compliant for flight-line operations
- Easily removable memory card, if required for security aspects
- BarMan software available for programming of threat profiles and remote control
- Power is supplied from an internal battery or external power supply

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