THALES

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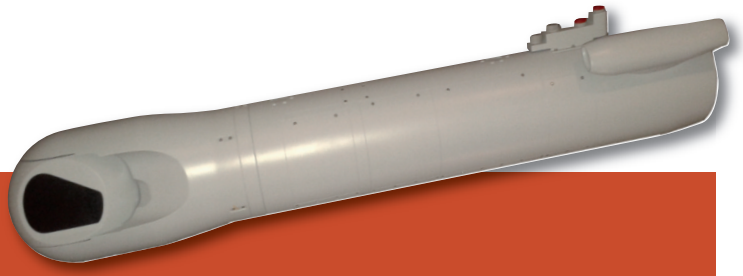
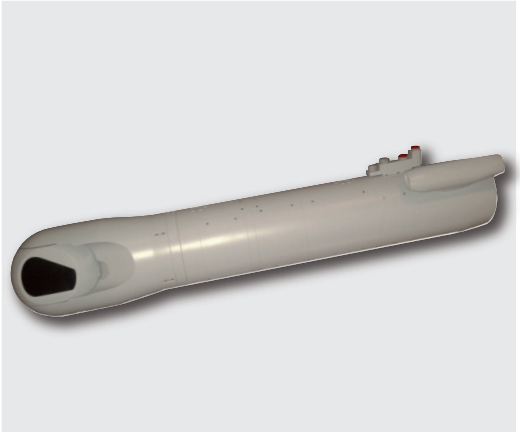
- Designed around operational feedback from users
- Benefits from Thales 40 years of expertise in reconnaissance and laser designation systems
- First pod to cover the entire critical decision chain from intelligence gathering to weapon delivery
- Plug & fight system for integration on all existing and future fighters
- Ordered by French Air Force & Navy



AIRBORNE OPTRONICS

TALIOS

New generation multi-function targeting pod



TALIOS

New generation multi-function targeting pod

MISSIONS

Multifunction: from targeting to NTISR

Air-to-Ground

- Compatible with laser guided weapons, INS/GPS guided missiles and imagery-guided weapons
- Attacks in autonomous or cooperative mode, using integrated laser spot tracker and laser marker
- Long range damage assessment capability
- Target recognition capability
- Positive identification in complex environment
- 3D localization
- Integrated navigation FLIR
- Real-time data-link transmission

Reconnaissance

- Medium range day/night small targets reconnaissance

Air-to-Air

- Day/night visual airborne target identification

KEY FEATURES

- A complete new modular design based on new technologies to allow implementation of additional features during the life cycle
- HD sensors (IR and TV) with outstanding long range capabilities to strike from Close Air Support to stand off distances
- Powerful laser provides the aircraft with both stand-off range and tactical capacity
- Robust new generation tracking systems
- Friendly user interface (flags, Picture in Picture, lethal and risk area indicator, enhanced symbology…)
- On-line status and repair maintenance mode

TECHNICAL CHARACTERISTICS

Open architecture and a high level of functional integration. All features embedded within the pod, no specific functions needed in the aircraft

IR Imagery

- Continuous electronic zoom 4.8° to 0.12°
- Spectral band: 3-5 µm
- Field of View:
  - Wide FoV: 4.8° x 3.6°
  - Narrow FoV: 1° x 0.75°

TV Imagery

- Continuous electronic zoom 4.8° to 0.06° (with PiP)
- Spectral band: 0.7 – 0.9 µm
- Field of View: 0.77° x 0.58°

Laser range-finding

- Wavelength: 1.5 µm
- Eye-safe

Laser designation

- Wavelength: 1.06 µm
- STANAG 3733

Laser spot tracker

- Wavelength: 1.06 µm

Laser marker

- Wavelength: 0.8 µm

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