

- ▷ Benefits from Thales 40 years of experience in optronic pod designing and manufacturing for armed forces.
- ▷ Multi-function pod with a laser designation function to provide a day/night smart weapons guidance capability as well as a full suite of sensors for navigation and air-to-air target identification roles.
- ▷ Currently in service, combat proven and integrated on Mirage 2000, Mirage F1, RAFALE, SEM, SU-30, Tornado and Typhoon.



AIRBORNE OPTRONICS

DAMOCLES

Multi-function Targeting pod





DAMOCLES

Multi-function Targeting pod

MISSIONS

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
- 3D localisation
- Integrated navigation FLIR

Reconnaissance

- Medium range day/night small targets reconnaissance

Air-to-Air

- Day/night visual airborne target identification

KEY FEATURES

- Powerful laser and high resolution imagery provide the aircraft with a stand-off range and tactical ground/air defence system survivability
- Advanced technology featuring state-of-the-art staring array detector effective at long range
- Robust new generation tracking systems
- Superior image processing



TECHNICAL CHARACTERISTICS

Imagery

- 3rd generation detector
- Spectral band: 3-5 μm
- Field of View:
 - Wide FoV: $4^\circ \times 3^\circ$
 - Narrow FoV: $1^\circ \times 0.75^\circ$
 - Electronic magnification: x2

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

