DAMOCLES is a multifunction optronic system with performance brings to Air Force a huge advantage during navigation, strike or air to air defence mission. It takes benefit of the experience of THALES in designing and manufacturing targeting pods for more than 30 years.

In service, integrated on Mirage 2000, Mirage F1, RAFALE, SEM, SU-30 and Tornado
DAMOCLES
3rd Generation Multi-function Targeting pod

MAIN FEATURES
• Advanced technology featuring state-of-the-art staring array detector
• Robust new generation tracking systems
• Superior image processing, 3D location, laser spot detection
• Powerful laser and high resolution imagery provide the aircraft with a long stand-off range and tactical ground/air defence system survivability
• Combat proven

MISSIONS AND FUNCTIONS

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
• High laser energy providing long security range and high level of survivability
• Damage assessment capability at long range
• 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

TECHNICAL CHARACTERISTICS

Imagery
• 3rd generation detector
• Spectral band: 3-5 μm
• Field of View:
  - wide FoV: 4° x 3°
  - narrow FoV: 1° x 0.75°
  - 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