



SNIPER[®] POD

Combat Proven, Multi-Mission Capable



PD151-227



PD151-228



PD151-229



PD151-230



PD151-231



PD151-232

Specifications

Field of Regard

Pitch	+5 deg; -155 deg
Roll	Continuous
Diameter	11.9 in (30.5 cm)
Length	98.2 in (252 cm)
Pod Only Weight	446 lb (202 kg)
MTBF	>600 hrs

Sniper® Pod

"Sniper has set an international benchmark for next generation electro-optical targeting performance." - Aviation Week

Sniper® pod is an electro-optical targeting system in a single, lightweight pod that is compatible with the latest precision-guided weapons for detecting, identifying and engaging multiple moving and fixed targets in air-to-air and air-to-ground engagements. In addition to fulfilling strike mission requirements, Sniper pod is changing the way armed forces operate in theater to meet the challenges of non-traditional intelligence, surveillance and reconnaissance (NTISR).

With capabilities including long-range target detection and identification and continuous stabilized surveillance, Sniper pod enables aircrews to find and destroy targets outside of jet noise ranges. Sniper pod's two-way video datalink for communicating with forward-deployed forces, superior imagery and weapon-quality coordinates allow pilots to make rapid targeting decisions.

As the most widely deployed targeting system for fixed-wing aircraft in use by United States forces, Sniper pod is also the targeting system of choice for more than 15 international air forces. Sniper pod's common hardware and software configuration allow for rapid "plug-and-play" integration on multiple platforms, and the modular design easily supports technology upgrades. The system is operational on the F-15, F-16, F-18, B-1, B-52 and A-10.

With an enhanced capabilities roadmap including upgraded sensors, advanced processors and automated NTISR modes, Sniper pod continues to provide mission-critical capabilities for aircrew survivability and mission success.

Features

- 1K high-definition, mid-wave targeting forward-looking infrared
- 1K high-definition television
- Solid-state digital data recorder enabling cockpit playback and non-traditional intelligence, surveillance and reconnaissance
- Precision long-range geocoordinate generation
- Laser lead guidance supporting precise delivery of traditional laser-guided weapons on moving targets
- Passive detection, tracking and ranging for air-to-air and air-to-ground targets
- Combat-proven moving target tracker algorithms enable automatic reacquisition up to 10 seconds of obscuration
- Diode-pumped laser with cockpit selectable tactical and eye-safe wavelengths
- Laser spot tracker for acquiring laser designations for air and ground sources
- Two-way data link with full-motion video and meta data
- Laser marker illumination for night vision goggles and target coordination
- User-selectable collateral damage circle symbology to estimate weapon damage area
- Two-level maintenance with automatic optical boresight alignment
- Optimized line replaceable unit partition enabling two-level maintenance, streamlined sustainment and minimal lifecycle costs

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