



SNIPER[®] ADVANCED TARGETING POD

Combat Proven, Multi-Mission Capable

Sniper® Advanced Targeting Pod

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

Sniper 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 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 enables aircrews to find and destroy targets outside of jet noise ranges. Sniper's two-way video datalink for communicating with forward-deployed forces, superior imagery, and weapon-quality coordinates allow pilots to make rapid targeting decisions.

Sniper is the most widely deployed targeting system for fixed-wing aircraft in use by United States forces and is also the targeting system of choice for more than 16 international air forces. Sniper'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 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 geo-coordinate 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
- Two-way datalink with full-motion video and meta data
- Combat-proven moving target tracker algorithms enabling 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
- Laser marker illumination for night vision goggles and target coordination
- User-selectable collateral damage circle display 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 life cycle costs
- Global Scope™ advanced sensor software suite for video and metadata playback, advanced scene visualization and point of interest planning



F-15



F-16



CF-18



B-1



B-52



A-10

PD151-270



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

Lockheed Martin Corporation
Missiles and Fire Control
Business Development
Phone: (407) 356-4464
Fax: (407) 356-7199
www.lockheedmartin.com/mfc

© Copyright 2014 Lockheed Martin Corporation. SNIPER is registered in the U.S. Patent and Trademark Office by Lockheed Martin Corporation; GLOBAL SCOPE is a trademark of Lockheed Martin Corporation. All rights reserved.

Aircraft platforms photos courtesy of the U.S. Air Force. S014-0001-14