

SNIPER® ADVANCED TARGETING POD



LOCKHEED MARTIN 

Sniper Advanced Targeting Pod (ATP) is a proven electro-optical targeting system housed in a single, lightweight structure. Chosen by the U.S. Air Force and more than 20 international allies, Sniper ATP completes the most challenging precision targeting and non-traditional intelligence, surveillance and reconnaissance missions in air-to-ground, maritime and air-to-air environments.

With capabilities including long-range target detection, identification and continuous stabilized surveillance, Sniper ATP enables aircrews to find and destroy targets outside of threat ranges. Sniper ATP's video datalink capability, superior imagery and weapon quality coordinates also enable pilots to make rapid targeting decisions, improving their survivability.

As the "targeting pod of choice" for air forces worldwide, Sniper ATP must rapidly integrate across diverse aircraft platforms. Purposefully designed with an open mission systems architecture, Sniper ATP easily "plugs-and-plays" using common hardware and software configurations. It is interoperable across a variety of multinational aircraft, including variants of the F-15, F-16, F-18, B-1, B-52, A-10 and F-2.

Lockheed Martin continuously invests in Sniper ATP's capabilities, ensuring it can meet both fourth- and fifth-generation targeting requirements. Current enhancement efforts include two-color laser spot tracking and advanced nontraditional intelligence, surveillance and reconnaissance modes. Sniper ATP's open mission systems architecture again ensures that these upgrades can be made rapidly – a capability essential to operating in today's changing threat environment.

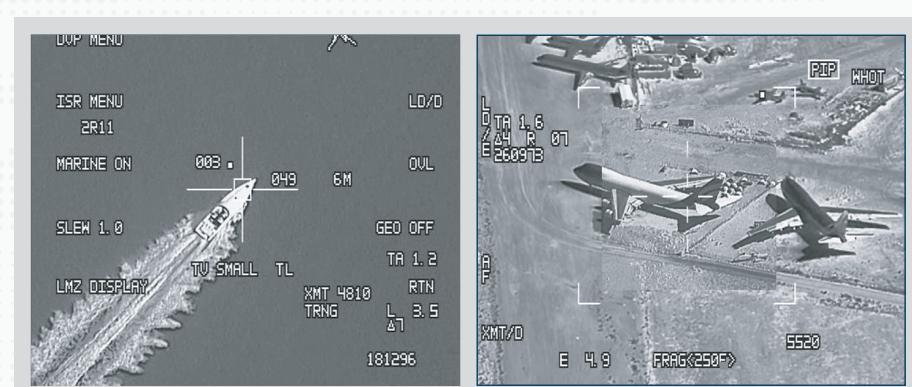
Sniper ATP's award-winning sustainment program provides maintenance, repairs and obsolescence support for customers worldwide. Its availability rate, mean time between maintenance event rate, and mean time between failure rate are the best in the industry, ensuring Sniper ATP is always ready when warfighters need it – no matter where they're located.



Sniper ATP

FEATURES

- High-definition, forward-looking infrared (FLIR)
- High-definition television
- Diode-pumped laser with cockpit-selectable, tactical and eye-safe wavelengths
- Precision, long-range geo-coordinate generation
- Two-color laser spot tracker for acquiring laser designations for air and ground sources
- Passive detection, tracking and ranging for air-to-air and air-to-ground targets
- Datalink with full-motion video and metadata
- Combat-proven moving target tracker algorithms enabling automatic reacquisition after obscuration
- Laser marker illumination for night vision goggles and target coordination
- Laser-lead guidance for precise delivery of traditional laser-guided weapons on moving targets
- Solid-state digital data recorder for cockpit playback and non-traditional intelligence, surveillance and reconnaissance
- 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, ease of upgrades and minimal life cycle costs
- Global Scope® advanced sensor software suite for video and metadata playback, advanced scene visualization and point of interest planning (nontraditional intelligence, surveillance and reconnaissance)



FLIR Imagery