**Mission**
Sniper Advanced Targeting Pod is a long-range precision targeting system that supports the precision strike mission. It provides positive target identification, autonomous tracking, coordinate generation, and precise weapons guidance from extended standoff ranges.

**Features**
The Sniper ATP is a single, lightweight pod with much lower aerodynamic drag than the legacy systems it replaces. The Sniper possesses advanced targeting technology and its image processing allows aircrews to detect and identify tactical-size targets outside threat rings for the destruction of enemy air defense mission, as well as outside jet noise ranges for urban counter-insurgency operations. It offers a 3-5 times increase in detection range over the legacy LANTIRN system. It has been successfully integrated on a variety of aircraft to include the F-15E, the F-16 Block 30/40/50, and the A-10. Sniper ATP is also being integrated on the B-1.

Sniper ATP incorporates a multi-spectral sensor capability with a high-resolution, mid-wave third-generation FLIR and a CCD-TV. Advanced sensors, combined with advanced image processing algorithms and rock-steady stabilization produce target identification ranges that permit operations minimizing exposure to many threat systems. The dual-mode laser offers an eye safe mode for urban combat and training operations, along with a laser-guided bomb designation laser for guiding in these precision munitions.

For target coordination with ground and air forces, a laser spot tracker, a laser marker, and a TV quality video down link which is currently in flight test to joint terminal air controllers improve rapid target detection/ identification. Sniper ATP provides high-resolution imagery highly sought after for the non-traditional intelligence, surveillance, and reconnaissance mission. Sniper ATP is being used in Operation Iraqi Freedom on F-15Es and F-16s.

For ease of maintenance, Sniper ATP’s revolutionary optical bed design, optimal partitioning, and diagnostic capabilities permit true two-level maintenance, eliminating costly intermediate-level support. Automated built-in test permits a flightline maintainer to isolate and replace an LRU in under 20 minutes to get the pod back up to full mission capable status. Spares are ordered through a user-friendly website offering in-transit visibility to parts shipment.

**Background**
In August 2001, the U.S. Air Force announced Lockheed Martin's Sniper as the winner of the ATP competition. The contract provides for pods and associated equipment, spares, and support of the F-16 and F-15E aircraft for the total force, active-duty Air Force and Air National Guard. Follow-on acquisitions are expected for the A-10 and B-1.

**General Characteristics**
**Primary Function:** Positive identification, automatic tracking and laser designation  
**Prime Contractor:** Lockheed Martin  
**Length:** 94 inches (239 centimeters)
Diameter: 11.9 inches (30 centimeters)
Weight: 440 pounds (199 kilograms)
Aircraft: F-15E, F-16 Block 30/40/50, A-10, B-1
Sensors: Mid-wave third generation FLIR, dual mode eye-safe, laser designator, CCD-TV, laser spot tracker and laser marker
Date Deployed: January 2005
Inventory: Not available.

Point of Contact
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