

LaGS

Laser Guided Sidewinder

Air-to-Surface Sidewinder for precision CAS / UCAS targets in time sensitive environment





Combination of Air-to-Air and LaGS (Air-to-Ground) on external stores



- LaGS is the latest modification of the European AIM-9L Sidewinder family. It features a Semi Active Laser (SAL) guided precision strike Air-to-Surface missile for Close Air Support (CAS) and Urban Close Air Support (UCAS) in a time sensitive environment (TST – Time Sensitive Targeting).
- Having Sidewinder AIM-9L already in-service on various platforms around the world LaGS immediately transfers the Air-to-Air capability into an Air-to-Surface application.
- This new capability is achieved by only modifying the Guidance and Control Section (GCS) of the AIM-9L without any modification of the carrying platform.

Characteristics and Unique Features

- Precise day and night capable weapon system for CAS and UCAS operations in time sensitive environment
- Provides lethality against a variety of moving and fixed targets
- Combines proven legacy missile components with a new capability for above mentioned operations
- Unchanged aircraft interface
- Force multiplier (any platform with integrated Sidewinder receives immediate Air-to-Surface capability)
- Pin-point accuracy, CEP approx. 1m
- Launch envelope outside man pad ranges
- Cost-effective Air-to-Surface weapon based on existing and qualified hardware
- Fulfills current and future requirements for challenging scenarios

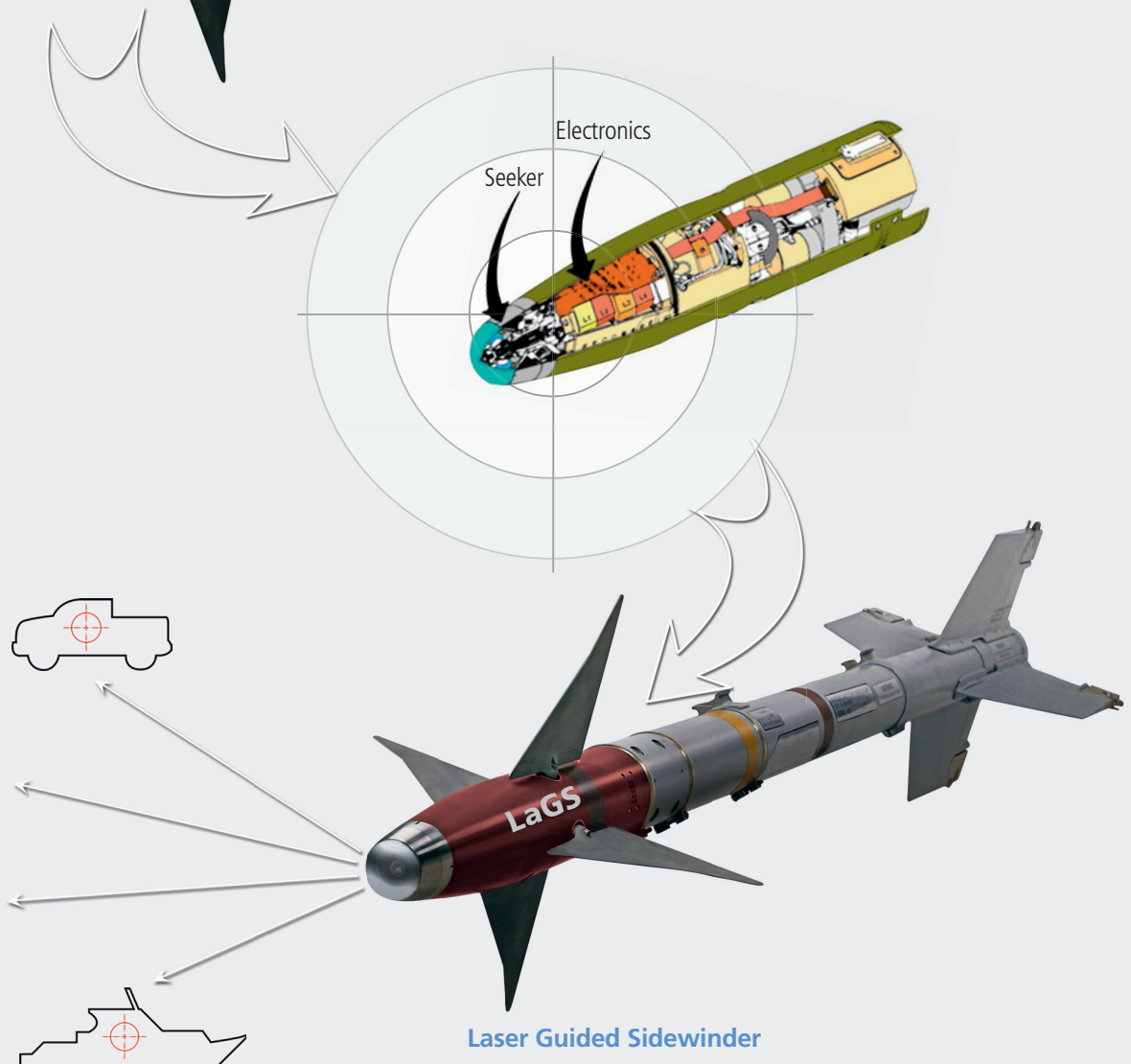
Target Spectrum

- Pick-up trucks
- Trucks
- Artillery Vehicles
- Multiple Rocket Launchers
- Gun Sites and MANPADS
- Light Armored Personnel
- Carriers Communication Installations
- Aircraft and Helicopters on Ground
- Point targets in dense urban environment
- Small Naval Crafts
- other



Sidewinder AIM-9L

Modifications of Guidance and Control Section in the area of Seeker and Seeker electronics



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LaGS Summary

- Sidewinder Air-to-Surface missile with pin-point accuracy
- Modification of existing, in-service Sidewinder AIM-9L
- No modification of platform required
- Alternate use of existing hardware (legacy Sidewinder)
- High compatibility with existing logistical concept for legacy Sidewinder
- Growth potential for future requirements