

ALP

ALL ALTITUDE RADAR



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ASELSAN All Altitude Radar is a multifunction AESA Air Surveillance Radar System that can be used not only as the main search radar for the ground based air defense systems but also as a gap filler radar to cover the areas which cannot be covered by other long range radar systems.

System can perform target detection and tracking functions within medium/long range (>100 NM) and low/ medium/high altitude and can identify targets by using its onboard Secondary Surveillance System (Mod-5/S capable).

AIR is a member of ASELSAN's Scalable S-Band Radar Family. Improved system mobility is one of the main advantages of the being integrated on 8x8 tactical wheeled vehicle including power generator and communication equipment. System is compact enough to be transported by an A400M aircraft.

2 operators can prepare the system for transport or operation within 15 minutes.

The system has the ability to detect and warn for ballistic objects (Sense and Warn). System offers a dedicated mode for weapon locating, reporting point of launch enabling precise counter-fire and generating automated alarms by calculating point of impact.

General Features

- 3D Detection and Tracking Fighters, Helicopters, Hovering Helicopters, Unmanned Air Vehicles (UAVs), Cruise Missiles
- Multiple target tracking, Classification of targets, Jammer direction finding
- Identification of targets with integrated Mode-5 IFF
- Remote operation with Command Control System

Technical Specifications

- Operating Frequency : S-Band
- Instrumented Range : > 110 NM
- Target Track Capacity : > 1000
- Azimuth Coverage : 360°
- Elevation Coverage : -6° / +70°