ALP 110

aselsan

MULTIFUNCTION AESA AIR SURVEILLANCE RADAR SYSTEM

#Radar



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MULTIFUNCTION AESA AIR SURVEILLANCE RADAR SYSTEM

ALP 110 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).

ALP 110 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.

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

The system has the ability to detect and warn for ballistic objects such as Rocket Artillery and Mortar (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.



Features

- 3D Detection and Tracking Fighters, Helicopters, Hovering Helicopters, Unmanned Air Vehicles (UAVs), Cruise Missiles
- Multiple Target Tracking
- Classification of Targets
- Identification of Targets with Integrated
- Mode-5 IFF
- Jammer Direction Finding
- Remote Operation with Command Control System

Technical Specifications

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





Specifications are subject to change without any notice. | All tolerances are within ±10%.

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