



# Lanza Radar LTR-25

## Long Range Tactical Radar

The LTR-25 is a state-of-the-art, full solid-state three dimensional (3D) long range radar developed by Indra, which incorporates years of experience together with the latest technological advances.



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It also includes an Identifier Friend or Foe and Secondary Surveillance Radar (IFF/SSR), capable of providing target identification through interrogation and automatic processing of transponders replies in modes 1, 2, 3/A, C, 4, S and 5.

The LTR-25 integrates a 3D Primary Surveillance Radar (SR) based on a pencil beam architecture which provides long range coverage.

The main function of the SR is the detection of non-cooperative aircrafts within the instrumented coverage volume, even under adverse conditions, including clutter and ECM environment. Target coordinates provided by the LTR-25 include target altitude (3D position).

The LTR-25 has been designed as a tactical deployable radar, with the capability of being transported by a variety of means, (road, air -aircraft or helicopter-rail or sea). All the LTR-25 associated equipment is completely integrated, so that all operative, transportable and deployable capabilities of the system are maintained.

- Commonality with other members of Lanza family.
- 3D Pencil Beam Technique.
- L-Band Radar.
- Fully digital beam forming.
- Multiple long range 3D coverage.
- Distributed solid state transmitter and receiver.
- Monopulse technique in elevation and azimuth.
- Digital signal and data processor.
- ECCM capabilities.
- Anti-clutter capabilities.
- High availability.
- Automatic fault detection & isolation.
- Simplified and "user-friendly" operational control.
- Automatic calibration.
- Tactical radar.
- Local/Remote Radar Control Console (LRCC).
- TBM detection and tracking.
- Transportable in a single C-130.



**Mission: Back up of Air Defence Network and Force Projection.**

**Up to 250 NM instrumented range.**

**NATO DADR (Class II) compliance.**

**Tactical. Deployable in less than 2 hours.**

**Two trucks / One C-130.**



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