

ROLE FIT CAPABILITY – SURVEILLANCE RADAR



The C-130 is a versatile and reliable mainstay of many tactical transport fleets.
This role fit enhancement provides operators with:

Expanded mission capability to C-130 operators.

High performing Surveillance capability without the need for a dedicated airframe.

On demand capability when the tactical situation requires it.

Mission Setting

- Adaptable, capable and effective performance allowing agile response to military and civil operations (Search And Rescue, humanitarian & disaster relief)
- Capability available on demand

Benefits

- Provides multi-role, multi-mission capability, without the need for a dedicated asset
- Ability to do more with an existing platform
- Modular and scalable allowing for future capability growth
- Minimal aircraft downtime to reconfigure for different mission types
- No loss of ISR capability during aircraft maintenance – swap equipment to a different aircraft
- Significant cost savings with comparable performance to a dedicated ISR aircraft
- Allows future growth of ISR capability at minimal cost
- Simplified future upgrade path as technology evolves

Solution

The Role Fit Surveillance Radar product encompasses the real-time decision making power of cutting edge data acquisition and processing with the flexibility of reconfigurable mission profile for your C-130. Provides the backbone to a modular and scalable family of role fit capabilities.

Core System

- Mission Management System (MMS)
- AESA Multi-mode Leonardo Osprey 30 Radar
- Compatible with a range of permanent and role fit satcom solutions
- 463L master pallet system compatible with existing cargo handling systems
- 2 Panel radar solution with unrestrictive field of view
- Proven market leading equipment packaged in a unique and innovative solution
- Discrete conformal radome
- No permanent modification to the aircraft required and no reduction of aircraft performance
- Expandable modular sensor functions that can be upgraded at any time to integrate into the core system by design



For a full set of capabilities please contact the Marshall Aerospace Sales team or take a look at our website

