



LADS Maintenance

LADS is designed as a total hydrographic data acquisition system of which maintainability and system availability are key characteristics. LADS maintenance comprises three levels.

First Line Maintenance

- The isolation and replacement of faulty equipment in the aircraft.
- Built in tests and diagnostics in the airborne equipment.
- Plug-in Field Replaceable Units (FRUs) with commercial and special to type equipment to allow rapid repair and turnaround of the system.

Second Line Maintenance

Confirmation of equipment status and minor repairs are carried out in a fully equipped Field Maintenance Facility providing:

- Storage of complete set of FRUs in anti-shock cases, basic consumables and tools.
- Commercial and special to type test equipment.
- Temperature and humidity controlled workshop.
- Full set of diagnostic/servicing documentation.

Where faults cannot be remedied by minor repair at second line level the complete FRU is shipped to the maintenance depot in an anti-shock transit case.

Third Line Maintenance

- Repair at depot.
- Release of equipment to field following repair and test certification.

