



Easy Maintenance

The EC130 B4 simple design allows for simplicity and ease of maintenance and thus ensures an increased reliability. All the advanced technologies that have been integrated in this new generation helicopter contribute to help the pilot in his daily maintenance tasks (maintenance data edited by the VEMD, modular design of the TURBOMECA ARRIEL 2B1 engine...).

The pilot can perform most of the maintenance tasks without the need of specific tools. This self-sustained maintenance has considerably reduced the operating costs of the aircraft.

Easy Maintenance

The EC130 B4 has been designed with a full "Integrated Logistic Support" process: support activities have been taken into account during the design and development phase.

- Low maintenance cost: simple and easy to maintain
- Maximum Availability: most of maintenance tasks possible by the operator
- Convenient customer service network
- Innovative maintenance with the full integrated services (SatisFly Service)



Operational maintenance

- Possibility to perform maintenance tasks by operator
- Reconditioning through part exchange or modules offered to operators for every system (including mechanical assemblies)

MGB (freewheel, gears, output for hydraulic unit...)
TGB (gears)

Scheduled maintenance

- Upon operator's choice, these maintenance tasks may be performed:
 - blocked whole inspection or
 - distributed inspection
- Limited only to 3 types of inspections
 - forecast man-hours confirmed by experience.
- Complementary inspection
 - > every 100 hours or every 12 months
- Basic inspection -> every 500 hours or every 24 months
- Major inspection -> every 12 years

Unscheduled maintenance

- Repairs, removal, unusual inspections, on-condition maintenance -> 1500 flight hours for 5000 flight hours (0,30 mH/FH)
- Maintenance Follow up
- Time Before Overhaul (TBO)

Maintenance tooling

- No test benches required
- Limited number of tools for scheduled maintenance



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