



CVOR 431

Conventional VHF Omnidirectional Radio Range



- ▶ More than 390 operational systems worldwide
- ▶ Optimised to achieve complete en-route coverage
- ▶ Unrivalled performance with exceptional high signal quality and long term stability
- ▶ System design based on Microprocessor technology
- ▶ Low life cycle cost thanks to excellent reliability and module commonality between CVOR and DVOR
- ▶ Extremely high stability due to the digital signal generation and control

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OPERATIONAL FUNCTIONS

- Short and medium range navigation for en-route and technical guidance
- Providing reliable information for safe and efficient navigation

KEY FEATURES

- Single or dual system with either 50 or 100 watt output power
- Easily interfaced with any DME or TACAN antenna
- Automatic ground check and analysis
- Enhanced safety with continuous self testing of monitoring
- Exceeding ICAO Annex 10 and EUROCAE ED-52 requirements
- Incremental power supply capacity allows powering the CVOR and collocated DME
- Available as a mobile version

SAFETY

- Software meets ED-109 safety objectives
- Independent transmitters and monitors
- Fail-safe with redundant shutdown paths
- Real time verification of monitor processing with test signal generator

EASE OF MAINTENANCE

- Simplified maintenance thanks to extensive BIT data and measurements
- Automatic fault location to module
- Full remote monitoring and control
- Mean Time To Repair: less than 30 minutes
- Easy module replacement with no turning or mechanical adjustments
- Maintenance using a standard PC



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