



## ILS 420

### Instrument Landing System



- ▶ More than 600 systems sold worldwide
- ▶ Certified for operations according to ICAO CAT I, II and III
- ▶ Highly resistant to severe weather conditions
- ▶ Latest solid state technology design
- ▶ Enhanced reliability, stability and noise immunity thanks to integrated narrow band super heterodyne receiver technology
- ▶ Versatile system configurations

# ILS 420

## Instrument Landing System

### OPERATIONAL FUNCTIONS

- Offering the very latest features and capabilities for safe airport landing aids
- Designed to enhance all weather safety and performance

### KEY FEATURES

- Flexible configuration:
  - Meets the needs of CAT I to CAT III airports
  - Antenna configurations adaptable to local site conditions
- Highly compatible with any type of antenna including previous antenna systems
- Medium and Wide Aperture Antennas cover all Localizer sensitive areas as recommended by ICAO
- Super heterodyne receiver technology in monitoring circuits
- Near and far field monitors, including course path and width position available
- Compliant with ICAO Annex 10

### EASE OF MAINTENANCE

- Simple maintenance thanks to the human/machine interface with a complete functional LCD front panel
- Common module concept for low maintenance cost
- User friendly remote monitoring system

### SAFETY

- Triple redundant control logic hardware
- Dual transmitters and monitors to meet safety requirements with high margin
- Automatic monitor verification checks
- Mean time To Repair (MTTR): less than 30 minutes



Thales - 02/11 - Technical characteristics are given for information and are subject to change without prior notice.

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