

DISTANCE MEASURING EQUIPMENT RADIO BEACON **DME 734**

IS USED TO FORM SIGNALS WITH DME FORMAT, THAT CONTAINS INFORMATION ABOUT REMOVAL OF AIRCRAFT FROM PLACE OF RADIO BEACON INSTALLATION AND IDENTIFICATION SIGNAL

KEY PECULIARITIES

- conformity with FAR and ICAO requirements
- small amount of devices
- reduced power consumption of prime equipment
- forms part of «Complex 734» with single unified system of control and management
- unification with «Complex 734» products

GENERAL CHARACTERISTICS

- 100 % backup of prime equipment
- possibility to set and change parameters from remote control and monitoring system (RCMS)
- distance monitoring and control
- the beacon maintenance mode is uninterrupted, 24-hour, does not require constant staff assistance
- power supply from monophase network voltage alternating current 220 V, with 50 Hz frequency
- power, consumed by prime equipment is not above 300 VA

OPERATING CONDITIONS

for devices set in heated space and installations (inside operating room or ATC tower):

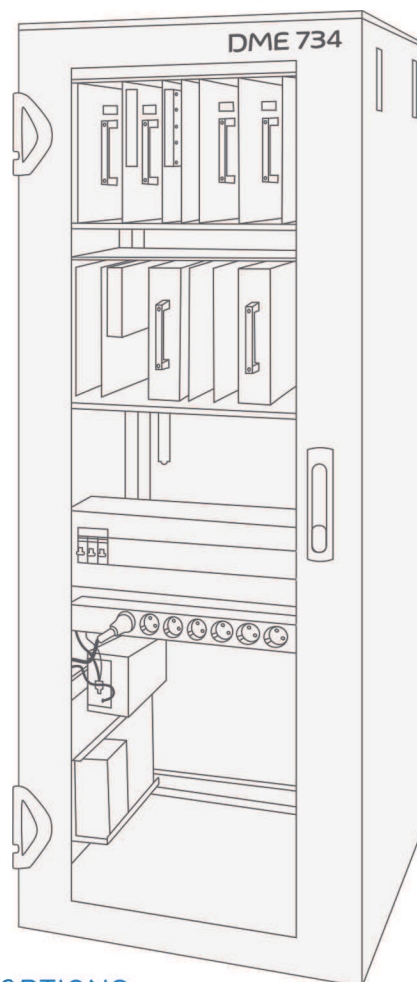
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|--------------------------------|--|
| the ambient temperature | from -10°C to +55°C |
| relative air humidity at +25°C | below 80% |
| atmosphere sub pressure | below 700 hPa (525 millimeter of mercury column) |

for devices set in the outdoor air or not heated space:

| | |
|--|--|
| the ambient temperature | from -50°C to +70°C |
| relative air humidity at +25°C | below 98% |
| atmospheric condensed precipitation | hoarfrost, dew |
| atmospheric precipitation | rain, snow |
| air-flow rate for antenna-feeder devices, km/h | below 200 |
| atmosphere sub pressure | below 700 hPa (525 millimeter of mercury column) |

TECH SPECIFICATIONS

| | |
|----------------------|------------------|
| frequency range, MHz | from 960 to 1215 |
| power output, W | 200 or 1500 |
| channels | 126X and 126Y |



OPTIONS

- antenna system: directional or omnidirectional
- installation to GP 734 case for 200 W variant
- installation to VOR 734 case for 1500 W variant
- installation in complexes SP-75, SP-80, SP-90, RMA-90
- device Synthesizer-2 ILS/VOR to control DME 734 parameters in the beacon coverage area
- installation in already existent technical areas and containers
- security and fire alarms
- video monitoring
- distance monitoring and control: wire line, fiber-optic link or radio channel