

NONDIRECTIONAL «LOCATING» RADIO BEACON **NDB 734**

IS USED FOR NONDIRECTIONAL EMISSION OF HIGH FREQUENCY OSCILLATIONS,
THAT ARE MODULATED BY IDENTIFICATION SIGNAL OR VOICE COMMUNICATION

KEY PECULIARITIES

- conformity with FAR and ICAO requirements
- «cold» reserve of all main devices to provide safety
- possibility to use antennas of different types: «umbrella», «T-type», «L-type» and others
- 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 «Complex734» products

GENERAL CHARACTERISTICS

- possibility to set and change parameters from remote control and monitoring system (RCMS 734)
- 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 600 VA
- the presence of an automatic antenna matching device

OPERATING CONDITIONS

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

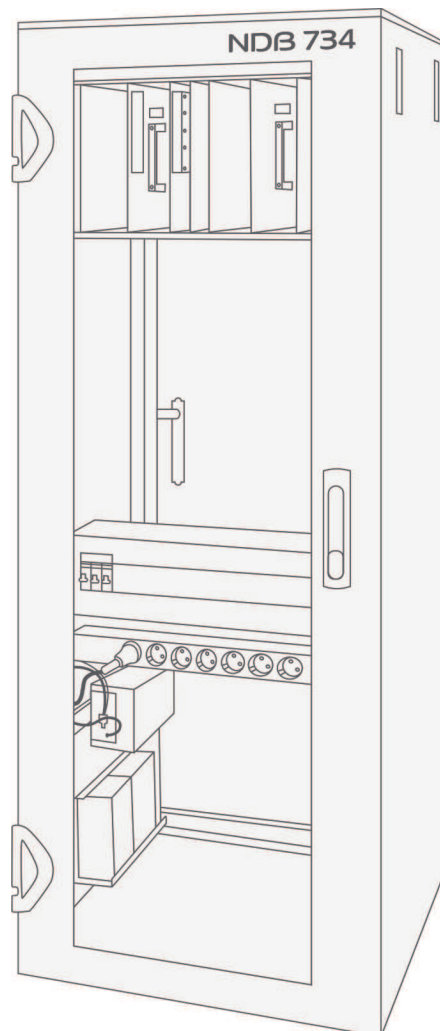
the ambient temperature	from -10°C to +55°C
relative air humidity at +25°C	below 80%
atmosphere sub pressure	below 700 hPa (525 millimeter of mercury column)

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 190 to 1750
power output, W	from 20 to 200



OPTIONS

- installation of Marker 734 and FFM 734 to NDB 734 case
- installation in already existent technical areas and containers
- security and fire alarms
- video monitoring
- distance monitoring and control through wire line, fiber-optic link or radio channel