

MARKER RADIO BEACON **MARKER 734**

IS USED FOR GENERATION AND EMISSION OF AMPLITUDE-MODULATE HIGH-FREQUENCY SIGNALS IN A PARTICULAR AREA SECTOR. BEACON SIGNAL RECEPTION PROVIDES THE AIRCRAFT WITH INFORMATION ABOUT PIVOT POINT TOWARD RUNWAY THRESHOLD OR ROUTE

KEY PECULIARITIES

- utilization as inner, intermediate, outer airway beacon
- 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

- 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 monophas network voltage alternating current 220 V, with 50 Hz frequency
- power, consumed by prime equipment is not above 15 VA

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

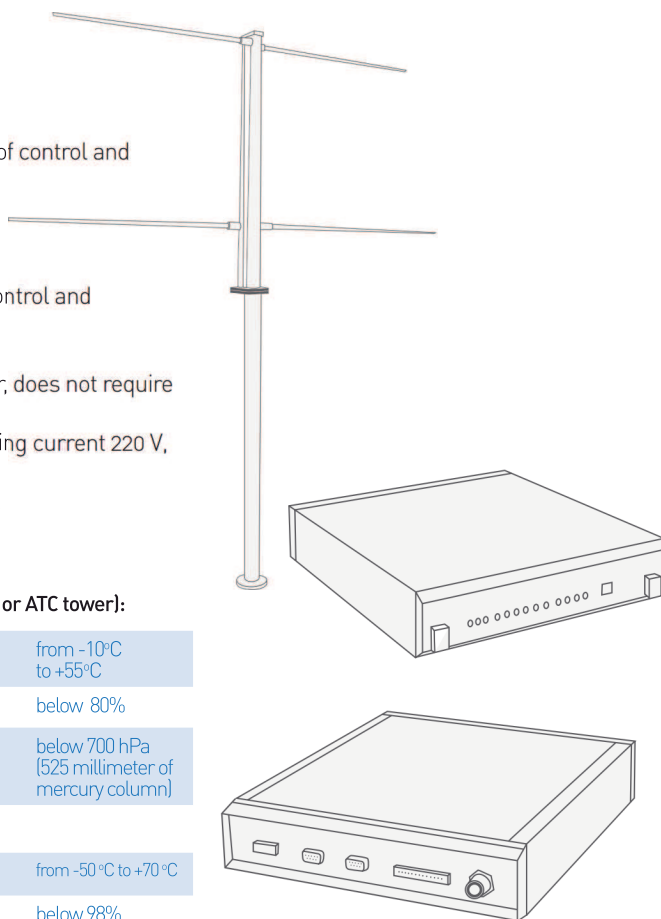
operation (carrier) frequency, MHz	75
power output, W	from 0,1 to 1,3
modulating signal frequency and types of manipulations:	Frequency, Hz Manipulations

for international airports:

on inner radio beacon	3000	dot
on intermediate radio beacon	1300	dot-dash
on outer radio beacon	400	dash

for airports in Russia and CIS countries:

on inner radio beacon	3000	dot
on near radio beacon	1300	dot
on outer radio beacon	400	dash



OPTIONS

- uninterrupted power supply work above 5 hours
- possibility to deliver in NDB 734 complex
- possibility of coupling: PAR-10, PMP-200, PARSEC and others
- 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