

AERODROME RADIO BEACON RL 3301



RL3301 is designed to operate as a non-directional beacon and additionally as medium power telegraphic or telephone radiostation. The beacon can be controlled automatically or manually by local or remote control. It is equipped with reserve transmitter to ensure continuous operation.

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GENERAL DATA

FREQUENCY RANGE

150 KHz - 2 MHz

OUTPUT POWER

800 W

DISTANCE COVERAGE

min. 300 km

RADIATION PATTERN

omnidirectional

CONTROL

manual (local or remote)
automatic

POWER SUPPLY

AC mains 3 x 380 V
or supplying generator type PAB 4 - 3/400-01

OPERATING CONDITIONS

(inside the vehicle body)
temperature - 10 to + 50°C
humidity - μ p to 98 % at + 35°C

THE BEACON CONSISTS OF :

- Transmitter NP 2306 (main and reserve)
- Radiomarker NR 2307 (main and reserve)
 - operation frequency 75 MHz
 - output power 12 W
 - polarization vertical
- Transceiver RS 6106
 - frequency range 110 to 150 MHz
 - output power 6 W
 - receiver sensitivity 2 μ V
- Radio communication receiver OR 1205
 - frequency range 100 KHz - 30 MHz
 - sensitivity 3 μ V at frequency 0,1 to 1,5MHz
- Vehicle Star 266 with the body type 541
- Antenna system - umbrella antenna 22m