



Short-Range Navigation System

RSBN-4NM

RSBN-4NM ground radio beacon is intended for:

- continuous indication of aircraft or helicopter position for crew during flight;
- aircraft automatic homing to prescribed point in the system operational range;
- ground control of an aircraft working with the beacon.

Main features:

- the basic navigation aid for air route, approach and landing of civil and AF aircraft and helicopters, equipped with airborne RSBN facilities;
- accuracy is higher than other similar systems;
- format of signals is not specified by ICAO, but principal specifications are met or exceeded;
- operation regardless of visibility conditions;
- there are no analogues.

Specifications:

Accuracy of range detection	$\pm 200 \text{ m} \pm 0,03 \%$ of a distance
Accuracy of azimuth detection, °	$\pm 0,25$
Flight altitude:	Operational range:
35 000 m	500-550 km
20 000 m	450 km
5 000 m	250 km
250 m	> 50 km