



ИИБСМ-441Д

Inertial measurement unit of micronavigation system is designed for delivery of high resolution navigation data to radio location system

The article ensures operation of trajectory instability compensation system, as well as for inclusion of registered radio holograms and radar images into service data

Parameters:

Ambient temperature, °C.....	minus 60 to 60
Lowered atmospheric pressure, kPa (mmHg).....	8 (60)
Lowered air humidity (at temperature of 35°C), %.....	98 max
Geographic latitude, degree.....	±90
Geographic longitude, degree.....	±180
Carrier flying altitude, m.....	15000
Speed, km/h.....	2500
Carried piloting angles, degrees:	
- true heading.....	±180
- roll angle.....	±180
- pitch angle.....	±90
Angular speed components, degree/s.....	±200
Apparent acceleration components, m/s ² :	
- along X-axis.....	±20
- along Y-axis.....	minus 40 to 90
- along Z-axis.....	±20

