

SSKM-R

Satellite aircraft tracking system terminal

SSKM-R is designed for transmission of the information about the aircraft location and other aircraft parameters (SSKM-R2), voice communication and exchange of the text messages via Iridium satellite communication channel (SSKM-R1).



Key user benefits:

- Designed acc.to United Nations AFF standard;
- Voice communications via iridium satellite system;
- Channel encoding of the transmitted data with 256 bit key;
- Alarm signal entry from control panel;
- Short text message receiving/transmission by control panel.

SSKM-R components:

- PU-R1 control panel;
- BSPP-R1, R2 transceiver;
- ASA-R1 antenna.

Approved by Rosaviation



SSKM-R1 - voice and data

SSKM-P2 - only data

Specifications:

Parameter	Value
Satellite communication channel	Iridium
Data volume in one package, Rx/Tx, bytes	
SSKM-R1	1890/1960
SSKM-R2	270/340
Weight, kg	
ASA-R1 antenna	0.6
BSPP-R1, R2 transceiver	0.6
PU-R1 control panel	0.35
Dimensions (WxHxD), mm	
ASA-R1 antenna	195 x 80 x 50 (above fuselage)
BSPP-R1, R2 transceiver	161 x 80 x 45
PU-R1 control panel	171 x 65 x 21
Maximum altitude for operation, m	15 200
DC over supply, V	18-30.3
Power consumption (Tx/Rx), max	
at temperature higher - 5 °C, max	7/20
at temperature below - 20 °C, max	25
Operating temperature, °C	
ASA-R1 antenna	from - 55 to + 70
PU-R1 control panel	from - 20 to + 55
BSPP-R1, R2 transceiver	from - 45 to + 55