



90K6E

MOBILE 3D SURVEILLANCE
RADAR



UKROBORONPROM
Ukrainian Defence Industry



ISKRA
STATE ENTERPRISE «SCIENTIFIC
AND PRODUCTION COMPLEX

90K6E

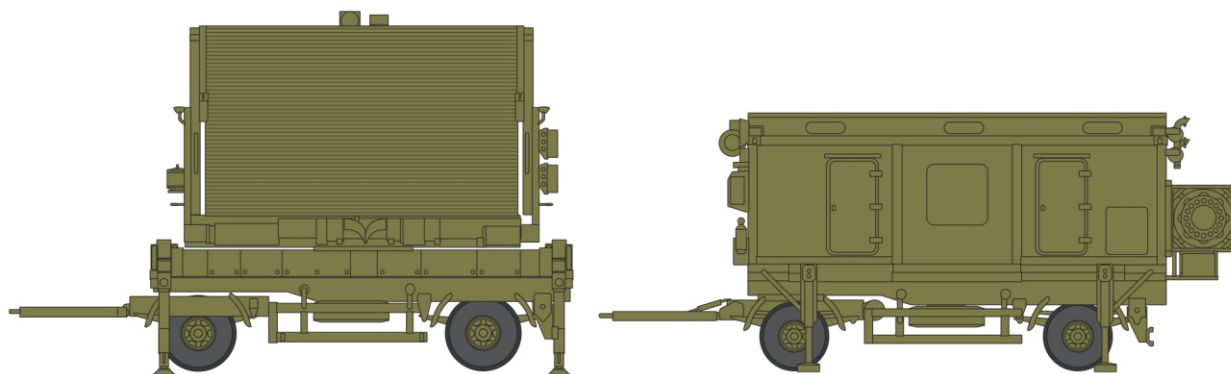
MOBILE 3D SURVEILLANCE RADAR

Mobile 3D air surveillance radar with transistorized transmitter, intended for low, medium and high flying targets detection is designed to be used:

- as target designation system in anti-aircraft missile troops;
- as an information link in AD and AF units.

The radar can be transported by C-130 Hercules aircraft.

MAIN SPECIFICATIONS



MAXIMUM RADAR OPERATION LIMITS:

■ in range, km	500
■ in azimuth, deg	360
■ in elevation, deg	0...70

TARGET DETECTION RANGE, RCS=3-5M² (AT P=0,5 F=10⁻⁶), km:

■ at flight altitude ≥10 km	360
Transmitter type	Solid State
Transmitter peak power, kW	32
Number of beams in vertical plane	16
Clutter suppression, dB	50
Jamming cancelling, dB	20
Number of tracking targets, more than	500
IFF equipment	built-in



Operating frequency
range
S



Scanning interval
5, 10 s,
20 s (option)



Antenna type
DAPAR



Number of transport
units
2



Deployment/
stowage time
15...20 min



STATE ENTERPRISE «SCIENTIFIC
AND PRODUCTION COMPLEX «ISKRA»
84, Magistralna St.,
Zaporizhzhia, 69071, Ukraine.
Fax: +38 (061) 271-21-63
Tel.: +38 (061) 271-21-52, 271-22-79
E-mail: iskra@iskra.zp.ua
www.iskra.zp.ua



ISKRA
SCIENTIFIC AND PRODUCTION
COMPLEX



UKROBORONPROM
Ukrainian Defence Industry

“UKROBORONPROM”
36, Dehtiarivska str.,
Kyiv, 04119, Ukraine.
Tel.: +38044-458-46-81
Fax: +38044-586-24-77
E-mail: kanc@ukroboronprom.com
www.ukroboronprom.com
Press Office: tel.: +38044-586-24-72
pr@ukroboronprom.com

