



80K6T

MOBILE 3D SURVEILLANCE
RADAR



UKROBORONPROM
Ukrainian Defence Industry

STATE ENTERPRISE «SCIENTIFIC
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«ISKRA»

80K6T

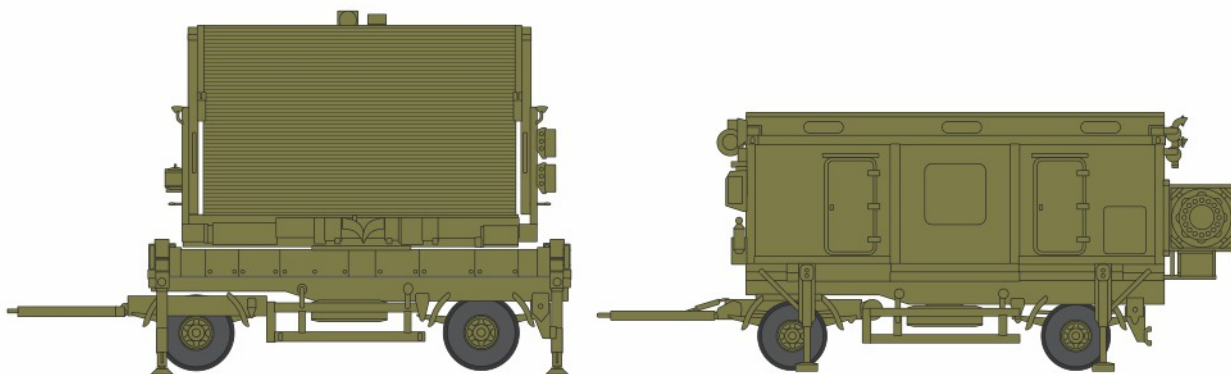
MOBILE 3D SURVEILLANCE RADAR

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
■ in altitude, km	40

TARGET DETECTION RANGE, RCS=3-5M² (AT P=0,5 F=10⁻⁴), km:

■ at flight altitude 10 km	350
Transmitter type	Solid State
Transmitter peak power, kW	30
Number of beams	16
Clutter suppression, dB	50
Jamming cancelling, dB	20
Track throughput, more than	300
IFF equipment	built-in



Operating frequency
range

S



Scanning interval, s

5, 10, 20



Antenna type

DAPAR



Number of transport
units

2



Deployment (closing-
down) time, min

15...20



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