

Delivery of target complexes and simulators of air targets

Target complexes MK-80 and MK-122



Target complexes are designed to simulate modern and promising air targets when training combat crews of short-range and short-range air defense systems.

Targets (simulators of air targets) were developed on the basis of 122 mm rockets 9M22U and 9M28 of the Grad multiple launch rocket system, as well as 80 mm unguided aircraft missiles of the S-8 type, in which an air target simulator is installed instead of the standard warheads.

In terms of its flight, technical and radar characteristics, the target makes it possible to simulate modern small-sized

high-speed air attack weapons that perform maneuvers like “slide”, “dive” or attacking a ground target from a half dive.

Air target simulators ATS-80IK and ATS-122IK



Main characteristics air target simulators

TECHNICAL SPECIFICATIONS	ATS-80IK	ATS-122IK
Caliber, mm	80	122
Length, mm (at most)	500	800
Length of ATS with missile part, mm, (no more)	1550	3000
Weight of the ATS with missile part, kg, not more	15	70
Average speed in the area of application, m/s	250	300
Maximum flight time, s	40	60
Maximum flight range, km with missile part 9M28, at an altitude of 3.5 km	6	–
with missile part 9M22U, at an altitude of 5.4 km	–	12
Flight altitude range, km	1-4	2-5,4
Visibility range in the optical wavelength range (with a meteorological visibility range of at least 10 km) km, not less	5	5

Visibility time in the optical range, s, not less	35	35
Infrared radiation range, μm	2,5-6	2,5-6



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