

CKE-1N collimator target sight

The CKE-1N collimator target sight is intended for solving the task of a bullet meeting its target and for directing the gunfire of ZUR-23-2KG and ZU-23-2K guns when combating airborne targets flying at the maximum speed of 500 m/sec, maneuvering with its course, speed or moving with uniform, straight-line motion.

It can be used as well in 23mm- guns and anti-aircraft sets, type ZU-23-2K (ZUR-23-2KG) in the conditions of limited visibility.

In the following anti-aircraft target sights CKE-1N, CKE-2N and CP-1N there were used optical systems containing among other things noctovisor module. This device on the semitransparent panel allow simultaneous projection of a movable sight mark aiming the equipment at advance point and of target's image together with its surroundings – coming from noctovisor module; the images overlap.

Basic tactical and technical data

Optical system magnifying power	1x
Executable angle of allowance	0 ÷ 20°
Executable aiming angle	0 ÷ 1,5°
Total angle of allowance of night vision module	12°
Night Vision module magnifying power	1x
Detection of a target at night:	
■ a single soldier	600 m
■ a jeep	1500 m
■ a helicopter	2500 m
Range of distances entered:	
■ by means of the manual switch	15, 20 hm
■ by means of the switch pedal	10 hm
■ automatically	2 ÷ 24 hm
Setting of main direction azimuth	manually
Setting of main direction elevation	manually
Range of indicated azimuth angle	0 ÷ 5999
Range of indicated elevation angle	0 ÷ 1499
Power supply	12 ± 2 V
Sight weight	≤ 14,5 kg

