MALYUTKA

Anti-tank missile

MALYUTKA SYSTEM

Malyutka system consists of the following elements:

- Malyutka rocket
- Launching box
- Control panel

LAUNCHING BOX 9P111-2

Launching box 9P111-2 is intended for storage of the following items:

- rocket 9M14P1,
- warhead with the fuze,
- launching rail for launching the rocket,
- 16 m of 4-fiber cable which on one end has a 4-pole plug for attaching to the control panel

9S415M for launching and guiding the rocket and on the other end has a 6- pole connector which is attached to the rocket plug and launching rail,

- coil for winding the cable,
- 2 belts for fixing the launching box to the ground.

Launching box is anticipated for maximum 10 firings after which it is returned to the manufacturer for inspection and overhaul (possible damage due to products of combustion of powder gases of the rocket motor). A new warranty period for 10 new firings is provided after performed overhaul.

CONTROL PANEL 95415M

Control panel contains a battery 11 RV4J which serves for supplying the panel with the voltage of 12V, a spyglass 9816, a joystick for guiding the rocket.

A button for launching the rocket is located on the top of the panel, as well as the switch for the selection of one of the four rockets that can be launched and guided individually to the target. On the front side of the panel, there are four 4-pole connectors to which maximum 4 rockets can be attached. Inside the panel there are 2 electronic boards that serve for processing a signal coming from the rocket's gyroscope and sending a command signal for guiding towards the rocket.

This panel, unlike the Russian panel, is much more modern and modernized- instead of 11 electronic module as there are in the Russian model, our panel has only 2 plates with electronics.

MALYUJKA 9M14P1-2T

The wire guided antitank missile with semiautomatic guidance system (SACLOS) 9M14P1 (and improved 9M14PB1) is an effective antitank combat weapon with ranges up to 3000 m, high hit probability.

TECHNICAL DATA



- Maximum firing distance 3000 m
- Minimum firing distance 500 m
- Penetration of warhead after ERA 750 mm
- Mean flight velocity 120 m/s
- Caliber 125 mm
- Length 985 mm
- Wing span 393 mm
- Transverse dimensions of missile with folded wings 185 x185 mm
- Rocket mass 12,6 kg
- Temperature range -30°C to +50°C
- Guiding system manually with POLK 9K11 (hit probability ≥60%) and semi-automatically with POL M83 (hit probability ≥80%)

PACKING

- 1 set in a wooden case
- Case dimension 1051 x 340 x 350 mm
- Case gross weight 30 kg
- Case volume 0.13m^3

UN no. 0287
Hazard class 1.1 D

MALYUJKA 9M14P1-2F

TECHNICAL DATA



- Maximum firing distance 3000 m
- Minimum firing distance 500 m
- Overpressure of warhead at 7 m open space ≥0,3 bar
- Mean flight velocity 120 m/s
- Caliber 125 mm
- Length 866 mm
- Wing span 393 mm
- Transverse dimensions of missile with folded wings 185 x185 mm
- Rocket mass 12,6 kg
- Temperature range -30°C to +50°C
- Guiding system manually with POLK 9K11 (hit probability ≥60%) and semi-automatically with POL M83 (hit probability ≥80%)

PACKING

- 1 set in a wooden case
- Case dimension 1051 x 340 x 350 mm
- Case gross weight 30 kg
- Case volume 0.13m^3

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