CALIBRE 125 MM



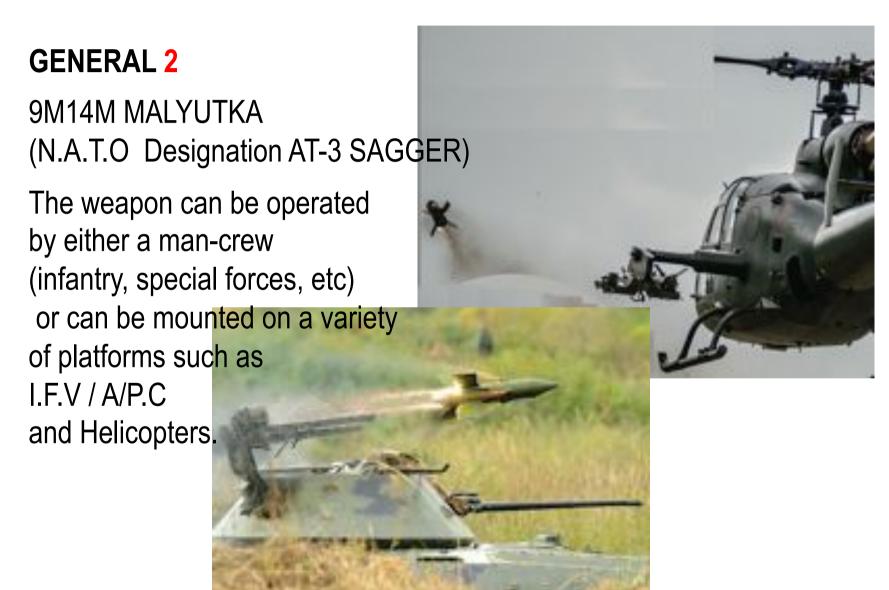
#### **GENERAL 1**

9M14M MALYUTKA (N.A.T.O Designation AT-3 SAGGER)

Wire Guided
Anti-Tank Missile
with high hit probability
at ranges up to 3000 m
with either Manual
or



Semi-Automatic Guidance System.



Ref.1414 BROCHURE

#### **DESCRIPTION 1**

9M14M MALYUTKA
System comprises
three (3) main elements:

Designation Description

9M14P1 ROCKET

9P111-2 LAUNCH BOX

9S415M CONTROL PANEL

#### **DESCRIPTION 2**

LAUNCH BOX 9P111-2

The Launch Box is used for storage of the following elements:

- Rocket 9M14P1
- Warhead with fuze
- Launch Rail
- Fibre Cable, 16 m long, with 4-poles plug for attachment to control panel
- Winding Reel
- Two (2) belts for secure fixing of the Box on the ground

Service life of the Launch Box is ten (10) firings. After the 10 firings it is mandatory to return to factory for inspection and if necessary for repair and overhaul. Damages are caused mainly from rocket motor hot gases of the burnt propellant

Ref. 1414 BROCHURE

#### **DESCRIPTION 3**

CONTROL PANEL 9S415M

The Control Panel comprises the following elements:

- Power Cell (Battery) 12 V
- Optical Sight (for manual guidance)
- Joystick for guidance commands
- Six (6) Plug Connector

#### **DESCRIPTION 4**

CONTROL PANEL 9S415M

A Launch Button located at the top of the Control Panel and also a Selector Switch for selection of one of four (4) rockets that may be launched and individually guided to the target.

On the front side of the Panel there are four 4-Pole Connectors onto which up to four (4) rockets can be attached.

Internally the Control Panel contains a number of Electronic Circuit Boards for Signal Processing and Command Signals sending to the rocket and receiving from the Rocket Gyroscope.

#### **SPECIFICATIONS**

CALIBRE	125 mm
ROCKET LENGTH	985 mm
ROCKET MASS	12.6 Kg
WING SPAN	393 mm
RANGE MINIMUM	500 m
RANGE MAXIMUM	3000 m
VELOCITY	120 m/s
PENETRATION	750 mm
HIT PROBABILITY (MANUAL)	> 60%
HIT PROBABILITY (SEMI-AUTO)	> 80%
OPERATING TEMP. RANGE	-30 °C to +50 °C

#### **PACKING / PACKAGING**

1 SYSTEM IN A WOODEN CASE

CASE DIMENSIONS 1051 X 340 X 350 mm

CASE VOLUME 0.13 m<sup>3</sup>

HAZARD CLASS 1.1D

U.N No. 0287