

GLOSSARY

ACRONYMS AND ABBREVIATIONS

AA	avenue of approach
AAR	after-action review
advn	advance
ALES	antitank launch effects simulator
amp	ampere
APC	armored personnel carrier
ARTEP	Army Training and Evaluation Program
ASI	additional skill identifier
asst	assistant
ATGM	antitank guided missile
az	azimuth
batt	battery
BCU	battery coolant unit
BDU	battle-dress uniform
BFV	Bradley fighting vehicle
BIT	built-in test
BMP	fighting vehicle manufactured by the former Soviet Union
BRDM	scout car manufactured by the former Soviet Union
BST	basic skills trainer
BTR	personnel carrier manufactured by the former Soviet Union
CARC	chemical-agent resistant coating
cbt	combat
CCW	counterclockwise
CGP	commander's ground pointer
CLU	command launch unit
CTRS	contrast
CU	control unit
CVI	combat vehicle identification
DC	direct current
DDC	Detector Dewar Cooler
dir	direction
DKIE	decontamination kit individual equipment
DS	direct support
DTR	data terminal ready
ECU	environmental control unit
ETM	elapsed time meter
EM	electromagnetic
EOD	explosive ordnance disposal

ESAF	electronic safe, arm and fire
FERC	field-expedient range card
fltr	filter
FM	field manual
FNC	fiber-nickel-cadmium
FO	forward observer
FOV	field of view
FPF	final protective fire
FPL	final protective line
FPS	feet per second
FSO	fire support officer
FTT	field tactical trainer
FTX	field training exercise
GCU	guidance control unit
GEU	guidance electronics unit
gnr	gunner
GRP	gunner's reference point
GST	gunner's skills test
GTA	graphic training aid
GTC	gunner's training course
HE	high explosive
HEAT	high-explosive antitank
IAW	in accordance with
IBCT	Interium Brigade Combat Team
IFV	Infantry fighting vehicle
IR	infrared
I ² R	imaging infrared
IS	instructor station
JGC	Javelin gunner's course
JIG	Javelin instructor guide
kmph	kilometers per hour
LAW	light antitank weapon
LCD	liquid crystal display
LOS	line of sight
LTA	launch tube assembly
LTD	laser target detector
MEL	maximum engagement line
METL	mission essential task list

METT-T	mission, enemy, terrain, troops, and time available
MILES	multiple, integrated, laser engagement system
MITS	Multiple integrated targeting system
MOPP	mission oriented protective posture
MOUT	military operations on urbanized terrain
MRE	meals ready-to-eat
msl	missile
MSR	missile simulation round
MTP	mission training plan
NBC	nuclear, biological, chemical
NFOV	narrow field of view
NSN	national stock number
NVD	night vision device
NVG	night vision goggle
NVS	night vision sight
OES	officer education system
OPFOR	opposing force
OPORD	operation order
OPTIC	optical element
PDF	principal direction of fire
PE	practice exercise
PMCS	preventive maintenance checks and services
POI	program of instruction
ROE	rules of engagement
RPG	rocket-propelled grenade manufactured by the former Soviet Union
RSTA	reconnaissance, surveillance, and target acquisition
SBCU	simulated battery coolant unit
SCLU	simulated command launch unit
SG	student guide
SINGARS	Single-Channel Ground and Airborne Radio System
SMR	simulated missile round
SOP	standing operating procedure
SR	simulated round
SS	student station
STP	soldier's training publication
STRAC	standards in training commission
STRAP	system training plan
STX	situational training exercise
TDC	Training Device Course

TM	technical manual
tng	training
TOW	tube-launched, optically tracked, wire-guided
TRP	target reference point
VCR	video camera recorder
vert	vertical
VOA	visible optics assembly
WFOV	wide field of view

DEFINITIONS

Δ T (Delta-T)	Delta (Δ) is a Greek Letter that stands for change or difference. T stands for temperature.
absorbers	Protect CLU from damage during handling and movement
aft end cap	Protects the round from damage during handling and movement; permanently attached to round.
ATTK SEL	attack select. switch between the top attack mode and the direct attack mode.
backlighting	Indirect IR signature that indicates the presence of a target.
battery coolant unit	Provides electrical power and seeker cooling for the missile.
basic skills trainer	An indoor/shipboard training device that can train and test the gunner's skills in a wide variety of situations.
carry handle	Used to lift and carry the round.
CLU interface connector	Provides electrical interface with the round.
CTRS	contrast. The contrast is adjusted by moving the GATE ADJ/CTRS & BRT switch horizontally (left and right).

DFOV	day field of view. The power switch is in the DAY position, the Javelin is in mode. The status indicator located on the CLU display. This appears as a green indicator light when the day FOV is selected.
daysight	Optical system that works similar to a telescope. Develops a magnified, visible-light target image for the gunner.
desiccant	Used to prevent moisture from gathering in the missile and causing possible missile malfunctions. It is located inside forward end cap.
DIR	Direct attack mode. When the DIR indicator light is lit the direct attack mode is selected.
elapsed time meter	Records total operating hours of CLU. It is located in battery compartment.
electronic safe, arm and fire	Controls arming and ignition of the missile motors, arming, and detonation of the warhead charges.
eyepiece	Allows viewing of CLU display image. Contains diopter adjust ring that gunner uses to focus CLU display image, eyecup.
face shield absorber	Shields gunner's face from possible launch debris and helps protect CLU from damage during handling and movement.
FLTR SEL switch	filter select. The filter select switch is used to select the night vision sight (NVS) filter. The NVS filter prevents the CLU from being detected by enemy countermeasures.
fire trigger	Used to initiate missile firing sequence
FOC ADJ switch	focal adjust. Used to adjust the focus of the CLU display image during NVS (NFOV or WFOV) operation.
forward end cap	Protects the round from damage during handling and movement. It provides environmental and electromagnetic interference (EMI) protection for the missile. It is removed prior to missile firing.

field tactical trainer	Designed to be used as an outdoor trainer and is equipped with the MILES.
GATE ADJ/CTRS and BRT	gate adjust/contrast and brightness. It serves two functions depending on whether the CLU display image is from the NVS or the seeker. In the NVS mode the controls adjusts the brightness and contrast. In the seeker mode the controls control the track gates by moving them in or out horizontally and vertically.
humidity indicator	Displays status of relative humidity inside CLU. It is located on right side of CLU. It displays the status of relative humidity inside LTA. Located on the forward end cap.
latch assembly	Latch assembly together with the alignment fork and latch release provide the mechanical interface with the CLU.
launch tube assembly	Serves as a handling container and launch platform for the missile. Provides environmental and electromagnetic interference (EMI) protection for the missile.
left handgrip controls	Consists of focus adjust (FOC ADJ), sight select (SGT SEL), and filter select (FLTR SEL) switches.
lock-on	Simulated seeker lock-on has been commanded.
locking pin	Locks the forward end cap latch in place and prevents movement.
missile simulation round	Simulates the weight and balance of the round and has CLU and BCU connectors.
night vision sight	Optical system that converts an IR target image into a visible-light target image for the gunner.
power switch	Four-position rotary switch used to place the Javelin into operation.

right handgrip controls	Consists of gate adjust (GATE ADJ), contrast & brightness (CTRS & BRT), and attack select (ATTK SEL) switches.
round interface bracket	Round interface bracket together with the alignment pin and round interface catch provide the mechanical interface with round.
round interface connector	Provides electrical interface with the CLU.
seeker trigger	Used to initiate seeker mode of operation and seeker lock-on.
shoulder pad	Provides point of balance and support when round is placed on gunner's shoulder.
shoulder strap	Provides a means of carrying the round. Can be placed on gunner's shoulder or diagonally across chest.