

Modern Spearhead – Master ATGW System Data Tables - Version 1.01 - 05 August 2006

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These pages have been formatted to print equally suitably on international A4, or US Letter sized paper.

ATGW System	Value	Range	Year	Notes	Type
Infantry Antitank Weapons					
Bazooka	2	3"			
LAW (e.g. 66mm)	3	3"		US, UK	
MAW (e.g. Carl Gustav)	3	3"		UK	
94mm LAW80	4	6"	1988-06	UK	
N-LAW	5	6"	2005+	UK	
RPG-2/RPG-7	3	3"	1950-00	USSR, Warpac	
RPG-16	3	6"	1976+	USSR, Warpac	
RPG-29	4	6"	1989+	USSR, Warpac	
European					
ADATS	4	30"			
Bill	5	18"		TA	
Bill 2	5	21"	1999+	TA	
Cobra & Cobra 2000	2	15"			
Dragon WH2000	5	9"			
Entac	2	18"			
Eryx	5	9"			
HOT	5	24"			
HOT 2	6	30"			
Mamba	2	18"			
Mathogo	2	24"			
Milan	3	18"			
Milan 2; Milan 2T; Milan 3	5	24"			
Mosquito	5				
SS10	2	12"			
SS11	2	24"			
SS12	3	24"			
Sparviero	4	24"			
Spear	4	30"			
TRIGAN	6	21"			
India					
Nag	6	30"		TA	F&F
Iran					
I-Raad	4	30"			
Raad	2	30"		AT-3 Copy	MCLOS
Saeqah-2	4	9"			
Toophan	3	30"			
Toophan-2	4	30"			
Towsan-1	4	30"	2000+	AT-5 Copy	SACLOS
Israel					
LAHAT	5	30"			
MAPATS	5	30"			
Nimrod	6	30"		TA	
Spike-MR Gil	5	18"		TA	F&F
Spike	5	30"		TA	F&F
Japan					
Type 64 MAT-1/KAM-3D	2	15"			
Type 79 MAT-2/KAM-9	3	30"			
Type 87 MAT-3	4	18"			
Type 96 MAT-4	6	30"		TA	F&F
Type 01	5	18"		TA	F&F

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People's Republic of China					
HJ-73 & HJ-73B	2	30"		AT-3 Copy	MCLOS
HJ-73C	3	30"		AT-3 Copy	SACLOS
HJ-73D	4	30"		AT-3 Copy	SACLOS
HJ-8	4	24"		Pakistani " <i>Baktar Shikan</i> "	
HJ-8E	4	30"			
HJ-9	5	30"			
South Africa					
ZT-3 Swift	5	30"			
ZT-35 Ingwe	5	30"			
ZT-6 Mokopa	6	30"			
Soviet Union & Warsaw Pact					
Drakon 3M7	3	30"	1968-70	-	SACLOS
Falanga 9M11	2	18"	1965+	AT-2 Swatter	MCLOS
Falanga-M 9M17; <i>Skorpion</i> on Mi-24	2	24"	1698+	AT-2 Swatter-B	MCLOS
Falanga-PV 9M17P; <i>Fleyta</i> on Mi-24	2	30"	1969+	AT-2 Swatter-C	SACLOS
Shmell 2P26 & 2P27	2	12"	1960+	AT-1 Snapper-A	MCLOS
Malyutka 9M14; Malyutka-M 9M14M	2	30"	1963+	AT-3 Sagger-A & B	MCLOS
Malyutka-P 9M14P	3	30"	1969+	AT-3 Sagger-C	SACLOS
Malyutka-2	4	30"	1992+	AT-3 Sagger-D	SACLOS
Fagot 9M111	3 ²	18"	1973+	AT-4 Spigot-A	SACLOS
Fagot 9M111-2	3	24"	1976+	AT-4 Spigot-B	SACLOS
Faktoriya 9M111M ¹	4	24"	1978+	AT-4 Spigot-C	SACLOS
Konkurs 9M113	4	30"	1974+	AT-5 Spandrel	SACLOS
Konkurs-M 9M113M	5	30"	1985+	AT-5 Spandrel-B 1978?	SACLOS
Shturm 9M114 (1983+ on Mi-24)	4	30"	1976+	AT-6 Spiral	SACLOS
Metis 9K115	3	³ 9"	1978+	AT-7 Saxhorn	SACLOS
Kobra 9K112	4	30"	1980+	AT-8 Songster (<i>Minimal Use</i>)	SACLOS
Ataka 9M120 (or Shturm-VM)	5	30"	1992+	AT-9 Spiral-2 (Imp. AT6)	SACLOS
Bastion, Sheksna, & Basna-2 9M117	3	30"	1983+	AT-10 Stabber-A	SACLOS
Arkan 9M117M	4	30"	1990+	AT-10 Stabber-B	SACLOS
Arkan 9M117M1	5	30"	1995+	AT-10 Stabber-C	SACLOS
Svir 9M119; Refleks 9M119	5	30"	1976+	AT-11 Sniper	SACLOS
Invar 9M119M; Invar-M 9M119M1	6	30"	1989+	AT-11 Sniper-B	SACLOS
Ataka & Vikhr 9M120; Sheksna 9K118	3	30"	1983+	AT-12 Swinger	SACLOS
Shturm-S & Vikhr-K 9M120M	4	30"	1990+	AT-12 Swinger-B	SACLOS
Metis-M 9K115-2 with 9M131	6	15"	1994+	AT-13 Saxhorn-2 1983?	SACLOS
Kornet 9M133	6	30"	1994+	AT-14 Spriggan	SACLOS
Khrizantema 9M127	6	30"	2004+	AT-15 Springer	F&F
Vikhr-M 9K121 (on Ka-50 & Su-25)	6	Aerial	1990+	AT-16	F&F
United States					
Dragon	2	9"			
Dragon-II	3	12"	1985+		
Javelin	5	18"		TA	F&F
Shillelagh	3	24"			
TOW	3	24"			
TOW-ER	3	30"			
ITOW	4	30"	1982+		
TOW2	5	30"			
TOW2A	5	30"			
TOW2B	6	30"	1991+	TA	

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United Kingdom					
Bantam	2	18"			
Beeswing	4	24"			
Malkara	3	30"			
Swingfire	4	30"			
Vigilant	2	12"			
Air-launched fire & forget equivalents					
Hellfire, Brimstone, Maverick, Kh25	6	Aerial		TA	F&F

TA = Top Attack Capable, F&F = Fire & Forget.

Dates in *Italics* to be confirmed. All dates are theoretical so actual date in service and issued to frontline troops may be considerably later and/or it may appear only in one format (e.g. vehicle mounted) of several at that time (e.g. man-pack, helicopter).

Notes:

1. Firing Post/Launcher can also fire the Konkurs (AT-5) Missile.
2. The Fagot (AT-4 Spigot-A) appeared in MSH originally with a factor of 4 – the errata corrects this reducing the factor to 3. Later versions have factor 4 as per the original MSH data.
3. The Metis (AT-7 Saxhorn) originally had a range of 12" assigned to it when MSH was published – the errata and this reference corrects this reducing it correctly to 9".

To determine the ATGW value of your platoon take the base value from above and adjust as follows:

- +1 If missile system is not marked Top Attack (TA) capable above and it is being launched from a Helicopter (i.e. surrogate TA capability).
- +1 If the stand includes 6 or more launchers and is not a Helicopter – examples such as a Rifle Platoon with 2 reusable RPG-7 per section (3 sections = 6 RPG), or an AT Platoon with 3 APCs each carrying 2 ATGW teams (such as some Soviet AT-4 Fagot Platoons) apply. Excludes disposable LAW launchers – only applies to full ATGW systems and reusable Infantry AT like the RPG-7.
- 1 If a stand has only 1-2 launchers in total and is not a Helicopter (such as a West German PanzerGrenadier Platoon with 1 Milan Launcher);
- 1 If the stand has limited ammunition for its launchers, typically an average of about 5 rounds or less (examples are BMP-1's, Soviet MBT launched ATGWs, French AMX-13, and some smaller Helicopters);
or the stand is Infantry with only disposable Infantry Anti-Tank Weapons and no reusable ones (such as an infantry platoon with LAW in each section but no MAW in platoon);
or the stand is equipped with a system considered to perform poorly in action and/or to have design issues or require excessive maintenance (e.g. Kobra in original T-64B, or US 152mm Shillelagh in M60A2).
- +1 If weapons are short range (3" only) Infantry AT Weapons (such as disposable LAW, or reusable RPG-7) and it is a unit of Combat/Assault Engineers with Demolition Charges and other tools or explosives usable to assist in AT combat.

Note: For Helicopters it is assumed all 3-4 Helicopters the stand represents have the ATGW.

The modified total is the ATGW factor for the Platoon – It can never be more than 6 or less than 1 so if it is adjust it up or down to 6 or 1 as appropriate. Some units will need two different ATGW factors, one for their main ATGW, and one for their light close-range Infantry AT weapons (the later can be used while Combat Moving or in Ambush, unlike the full ATGW systems), or you can choose to ignore the secondary short range Infantry ATGW factor.

Determine the effective range from the table above (Note: we arbitrarily limit all systems to a maximum range of 30" (3,000 metres) for a combination of game-play and reasonable realism simulation reasons.