

## ***A & A GAME ENGINEERING PRODUCT SUPPORT***

Product Support sheets come in the following types:

- Clarifications – these are more general clarifications about game play in response to questions from players.
- Corrections and Amendments – these include corrections to errors in game data, typing errors, and mistakes in game play that have come to light. These may come in two alternatives:
  - applicable to the most recent edition.
  - applicable to previous editions. These items will all have been incorporated into the latest edition on sale.
- New Rules – These rules will have been developed in response to requests from players. They may also have been developed from House Rules (see below).
- House Rules and player suggestions. House rules that are tested and work well may be incorporated into the basic rules if the author(s) approve.

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# ***OFFICER'S HANDBOOK***

## **UPDATED NATIONAL DATA TABLE**

### **SOVIET UNION**

**DATE: 15TH NOVEMBER 2017**

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#### ***What is in this document ?***

This document contains an updated list of vehicles.

New entries can be identified by a thicker left-hand table margin.

Modified entries have a thicker right-hand table margin and the bottom margins of cells in the table where there has been a change is also thicker.

Some of the vehicles that have been added are because we have them in our collections and have overlooked them while doing the original work.

Other vehicles have had their data altered where we have been able to get more technical specifications of the originals. This is particularly the case of wheeled self-propelled weapons.

Details of the vehicles concerned are summarised below, including in some cases relevant remarks.

- The BM-13-16, BM-13-24, BM-13DD-16, BM-13DD-24 and BM-31-12 Rocket launchers have updated speeds and costs.
  - The same applies to the BM-8-36, -40 and -48 vehicles. In the case of the 1st two there is now a variation in the speeds, while in the last one the speeds remain unchanged, though the cost has been revised.
  - The speeds and cost of the GAZ SPAA truck have been updated.
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Date	Type	Armament		Movement in cm			‘Squish’ Size	Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes Vehicles are Fully-tracked unless otherwise indicated i.e. [½]-tracked [w]heeled	Cost
		Turret	Hull	RR	CC	BG		F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2			
<b>Tanks</b>																	
1932	BT-5	45-L46, MG(0:35)	—	50	50	30	2	3	1	4	3	2	—	—	1	50	
1939	BT-7M	45-L46, MG(0:35)	—	50	50	25	2	4	1	4	3	2	—	—	1	50	
1944	IS-2	122-L45, MG(0:35)	MG(0:20)	40	25	15	3	10	9	12	11	10	8	7	5	199	
1940	KV-1A	76.2-L32, MG(0:35)	MG(0:20)	40	25	15	3	9	8	6	5	4	3	—	2	119	
1941	KV-1B	76.2-L41, MG(0:35)	MG(0:20)	40	25	15	3	13	8	7	6	5	4	—	2	164	
1942	KV-1C	76.2-L41, MG(0:35)	MG(0:20)	35	25	10	3	13	8	7	6	5	4	—	2	151	
1942	KV-1S	76.2-L41, MG(0:35)	MG(0:20)	40	30	15	3	9	6	7	6	5	4	—	2	129	
1943	KV-85 (IS-1)	85-L51, MG(0:35)	MG(0:20)	40	30	15	3	9	6	10	9	8	7	—	3	148	
1931	T-26A-2	2x MG(0:35)	—	40	25	15	1	2	2	—	—	—	—	—	No	19	
1932	T-26A-5	37-SA18, MG(0:35)	—	40	25	15	1	2	2	2	1	—	—	—	1	23	
1933	T-26B-1	45-L46, MG(0:35)	—	35	20	10	2	2	2	4	3	2	—	—	1	35	
1936	T-26B-2	45-L46, MG(0:35)	—	35	20	10	2	2	2	4	3	2	—	—	1	45	
1937	T-26S (T-26C)	45-L46, MG(0:35)	—	35	20	10	2	3	2	4	3	2	—	—	1	47	
1940	T-34	76.2-L32, MG(0:35)	MG(0:20)	45	40	20	3	9	5	6	5	4	3	—	2	116	
1941	T-34/76 B/C	76.2-L41, MG(0:35)	MG(0:20)	45	40	20	3	9	5	7	6	5	4	—	2	121	
1944	T-34/85 (early)	85-L51, MG(0:35)	MG(0:20)	45	40	20	3	9	6	10	9	8	7	—	3	150	
1944	T-34/85 (late)	85-L51, MG(0:35)	MG(0:20)	45	40	20	3	12	6	10	9	8	7	—	3	169	
1933	T-37A	MG(0:35)	—	50	35	15	1	1	1	—	—	—	—	—	No	18	
1937	T-38	MG(0:35)	—	40	30	15	1	1	1	—	—	—	—	—	No	16	
1940	T-40	12.7-HMG(2:60), MG(0:35)	—	45	35	15	1	1	1	1	1	—	—	—	No	55	
1941	T-60	20-L62, MG(0:35)	—	40	30	15	1	4	2	2	1	—	—	—	1	28	
1942	T-60A	20-L62, MG(0:35)	—	40	30	15	1	7	3	2	1	—	—	—	1	39	
1941	T-70	45-L46, MG(0:35)	—	45	35	15	2	8	2	4	3	2	—	—	1	54	
1942	T-70A	45-L46, MG(0:35)	—	45	35	15	2	9	2	4	3	2	—	—	1	56	
<b>Close Support Vehicles</b>																	
1936	BT-7A	76.2-L16, MG(0:35)	—	50	50	30	2	4	1	—	—	—	—	—	2	86	
1940	KV-2	152-L25, MG(0:35)	MG(0:20)	35	25	10	4	11	8	—	—	—	—	—	6	238	
1944	SU-122	—	122-L21.9	40	25	15	3	7	5	—	—	—	—	—	7	137	
1933	T-28A	76.2-L16, MG(0:35)	2x MGT(0:35)	40	30	15	3	3	2	—	—	—	—	—	2	98	
1938	T-28B (M-1938)	76.2-L26, MG(0:35)	2x MGT(0:35)	30	25	10	3	5	2	—	—	—	—	—	2	93	
1940	T-28C	76.2-L26, MG(0:35)	2x MGT(0:35)	30	25	10	3	8	2	—	—	—	—	—	2	97	
1941	T-28E	76.2-L26, MG(0:35)	2x MGT(0:35)	30	25	10	3	8	4	—	—	—	—	—	2	107	
1935	T-35	76.2-L19, MG(0:35)	—	35	25	10	3	3	2	—	—	—	—	—	2	114	
		2x 45-L46, 2x MG(0:35)	2x MGT(0:35)							4	3	2	—	—	1	45 and MG Turrets have 180° arcs, please refer to rules.	

{AP//HE as indicated; Smoke if gun is 76.2mm or greater}

{HE//Smoke; HC as indicated; T-35 45mm have AP//HE}

Date	Type	Armament		Movement in cm			'Squish' Size		Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes Vehicles are Fully-tracked unless otherwise indicated i.e. [½]-tracked [w]heeled	Cost
		Turret	Hull	RR	CC	BG	F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2					
<b>Armoured Cars</b>																		
1935	BA-6	45-L46, MG(0:35)	MG(0:20)	50	20	10	1	1	1	1	4	3	2	—	—	1	[w]	31
1938	BA-10	45-L46, MG(0:35)	MG(0:20)	60	25	15	1	2	1	4	3	2	—	—	—	1	[w]	34
1939	BA-10M	45-L46, MG(0:35)	MG(0:20)	60	35	15	1	2	1	4	3	2	—	—	—	1	[w]	35
1935	BA-20	MG(0:35)	—	60	35	15	1	1	1	—	—	—	—	—	—	No	[w]	16
1941	BA-64	MG(0:35)	—	60	40	20	1	1	1	—	—	—	—	—	—	No	[w]	17
<b>Self-Propelled Anti-tank Guns</b>																		
1944	ISU-122	—	122-L45	40	25	15	3	10	9	12	11	10	8	7	5	—	—	164
1943	ISU-152	—	152-L27.9	40	25	15	3	10	9	11	10	9	8	—	7	—	—	162
1942	SU-76	—	76.2-L42	45	30	15	2	4	2	7	6	5	4	—	2	—	—	55
1943	SU-76M	—	76.2-L42	45	35	15	2	5	2	7	6	5	4	—	2	—	—	59
1943	SU-85	—	85-L55	50	40	20	3	7	5	10	9	8	7	—	3	—	—	118
1944	SU-100	—	100-L54	45	35	20	3	7	5	13	12	11	10	9	4	—	—	136
1943	SU-152	—	152-L27.9	40	30	15	3	9	6	11	10	9	8	—	7	—	—	137
1942	SU-57	—	57-M1 (US)	55	35	20	2	1	1	8	7	6	5	—	No	[½]	—	49
			57-Zis-2							7	6	5	4	2	No	(T48 GMC supplied under Lend Lease)	—	53
1944	with HE capability		57-M1 (US)							8	7	6	5	—	2	—	—	57
<b>Self-Propelled Artillery (Restricted Use rules apply to Rocket Launchers)</b>																		
1941	BM-8-24 (T-40)	—	24-rail 82-RL	40	30	15	1	4	2	—	—	—	—	—	3	—	—	51
1941	BM-8-24 (T-60)	—	24-rail 82-RL	45	35	15	1	1	1	—	—	—	—	—	3	—	—	46
1942	SU-76	—	76.2-L42	45	30	15	2	4	2	—	—	—	—	—	2	—	—	97
1943	SU-76M	—	76.2-L42	45	35	15	2	5	2	—	—	—	—	—	2	—	—	101
1941	BM-8-36 (on typical vehicle - ZIS-5 truck)	—	36-rail 82-RL	50	25	15	1	—	—	—	—	—	—	—	4	—	—	57
1941	BM-8-40 (on typical vehicle - GAZ-AA truck)	—	40-rail 82-RL	55	25	10	1	—	—	—	—	—	—	—	4	—	—	57
1941	BM-8-48 (on typical vehicle - ZIS-6 truck)	—	48-rail 82-RL	50	20	10	1	—	—	—	—	—	—	—	4	—	—	56
1942	BM-13-16 (on typical vehicle - Studebaker US6)	—	16-rail 132-RL	55	30	15	1	—	—	—	—	—	—	—	5	—	—	85
1942	BM-13-24 (on typical vehicle - ZIS-6 truck)	—	24-rail 132-RL	50	25	10	1	—	—	—	—	—	—	—	7	—	—	114
1942	BM-13DD-16 (on typical vehicle - Studebaker US6)	—	16-rail 132-RL	55	30	15	1	—	—	—	—	—	—	—	5	—	—	95
1942	BM-13DD-24 (on typical vehicle - ZIS-6 truck)	—	24-rail 132-RL	50	25	10	1	—	—	—	—	—	—	—	7	—	—	128
1944	BM-31-12 (on typical vehicle - Studebaker US6)	—	12-rail 300-RL	55	30	15	1	—	—	—	—	—	—	—	7	—	—	84
<b>Anti-aircraft Vehicles</b>																		
1943	ZSU-37	37-M1939 (2)	—	45	35	15	2	4	2	—	—	—	—	—	No	Anti-aircraft (2)	—	58
1940	GAZ-64 AA	Quad MG (3)	—	65	40	20	1	—	—	—	—	—	—	—	No	[w] CV; Anti-aircraft (3)	—	34

Date	Type	Armament		Movement in cm			'Squish' Size		Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes Vehicles are Fully-tracked unless otherwise indicated i.e. [½]-tracked [w]heeled	Cost
		Turret	Hull	RR	CC	BG	F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2					
<b>Flamethrower Vehicles (Restricted Use rules apply to the Flame Weapon)</b>																		
1941	KV-8	FT(2), 45-L46	MG(0:20)	40	25	15	3	13	8	4	3	2	—	—	—	1	{AP//HE} CDW	260
1933	OT-26 (KhT-26)	FT(2), MG(0:35)	—	35	20	10	2	2	2	—	—	—	—	—	—	No		140
1941	OT-34	76.2-L32, MG(0:35)	FT(1)	45	40	20	3	9	5	6	5	4	3	—	—	2	{AP//HE}	164
1942	OT-34	76.2-L41, MG(0:35)	FT(2)	45	40	20	3	9	5	7	6	5	4	—	—	2	{AP//HE}	219
1938	OT-130	FT(2), MG(0:35)	—	35	20	10	2	2	2	—	—	—	—	—	—	No		140
1939	OT-133	FT(2), MG(0:35)	—	35	20	10	2	3	2	—	—	—	—	—	—	No	CDW	151
<b>Fully-tracked Transport and Towing Vehicles</b>																		
1937	T-20 Komsomolets	—	MG(0:20), Cargo (1)	45	35	20	1	1	—	—	—	—	—	—	—	No	Armoured cab	23
1937	STZ-5 Stalins	—	Cargo (2)	30	20	10	1	—	—	—	—	—	—	—	—	No	Artillery tractor	18
<b>Other Vehicles</b>																		
1943	PT-34	76.2-L41, MG(0:35)	MG(0:20)	45	40	20	3	9	5	7	6	5	4	—	—	2	{AP//HE; Smoke} Mine Roller	161
1943	T-34 STU	76.2-L41, MG(0:35)	MG(0:20)	45	40	20	3	9	5	7	6	5	4	—	—	2	{AP//HE; Smoke} Dozer	141
1941	Tachanka	12.7-HMG(2:35)	—	30	20	10	1	—	—	1	—	—	—	—	—	No	[w] Horse drawn; CV	35