

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.

OFFICER'S HANDBOOK

UPDATED NATIONAL DATA TABLE

UNITED STATES

DATE: 15TH NOVEMBER 2017

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.

- We have added the M3A1 Scout car, with its alternative armament versions as an Armoured Car, which allows players to make use of these vehicles in their role as reconnaissance vehicles, but without the option of carrying troops.
- In the Self-propelled Anti-tank guns the speeds and cost of the M6 37mm GMC have been updated.
- We have updated the entries for the M3/M3A1 and M5A1 Half-tracks and the M3A1 White Scout Car, to reflect the standard weapon fit, which should be the 0.5-in Heavy Machine Gun.

There are two alternative weapon fits which add either one or two 0.3-in MGs. In operational use these may or may not have been part of the equipment of the Infantry being conveyed, however it is equally likely that these weapons had been "acquired" along the way, which is the view which we have taken (for simplicity).

- The speeds and cost of the armed Willys Jeep have been updated.
 - We have also added an option for the Jeep to carry a .5-in HMG.
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Date	Type	Armament		Movement in cm			'Squish' Size	Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes	Cost	
		Turret	Hull	RR	CC	BG		F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2				
Tanks																		
1942	M3 Grant	37-L53, MG(2:35)	MGF(3:20) 75-L31	40	30	15	3	7	4	5	4	4	4	—	—	1	CDW; LL(b); LL(s)	135
1942	M3 Lee	37-L53, 2x MG(2:35)	MGF(3:20) 75-L31	40	30	15	3	7	4	5	4	4	4	—	—	1	CDW; LL(b); LL(s)	148
1940	M3 Stuart	37-L53, MG(2:35)	MGF(3:20), MG(2:20)	50	45	25	2	5	3	5	4	4	4	—	—	1	CDW; LL(b); LL(s)	99
1942	M3A1 Stuart	37-L53, MG(2:35)	MG(2:20)	50	45	25	2	5	3	5	4	4	4	—	—	1	CDW; LL(b); LL(s)	91
1942	M3A3 Stuart	37-L53, MG(2:35)	MG(2:20)	50	40	20	2	5	3	5	4	4	4	—	—	1	CDW; LL(b)	91
1942	M4A1 Sherman	75-L40, MG(2:35)	MG(2:20)	40	30	15	3	9	4	7	6	5	4	—	—	3	LL(b) Fit 'Culin' Hedgerow Cutter +20	116
1944	M4A1(76) Sherman	76-L52, MG(2:35)	MG(2:20)	40	30	15	3	9	4	10	9	8	7	—	—	3	LL(b) Fit 'Culin' Hedgerow Cutter +20	130
1942	M4A2 Sherman	75-L40, MG(2:35)	MG(2:20)	45	30	15	3	9	4	7	6	5	4	—	—	3	LL(b); LL(s) Fit 'Culin' Hedgerow Cutter +20	119
1944	M4A2 Sherman DD	75-L40, MG(2:35)	MG(2:20)	45	30	15	3	9	4	7	6	5	4	—	—	3	Amphibious	143
1944	M4A2(76) Sherman	76-L52, MG(2:35)	MG(2:20)	45	30	15	3	9	4	10	9	8	7	—	—	3	LL(b); LL(s) Fit 'Culin' Hedgerow Cutter +20	133
1942	M4A3 Sherman	75-L40, MG(2:35)	MG(2:20)	45	35	15	3	9	4	7	6	5	4	—	—	3	LL(b) Fit 'Culin' Hedgerow Cutter +20	122
1944	M4A3(76) Sherman	76-L52, MG(2:35)	MG(2:20)	40	30	15	3	9	4	10	9	8	7	—	—	3	LL(b) Fit 'Culin' Hedgerow Cutter +20	130
1943	M4A4 Sherman	75-L40, MG(2:35)	MG(2:20)	40	30	15	3	9	4	7	6	5	4	—	—	3	LL(b) Fit 'Culin' Hedgerow Cutter +20	116
1944	M4A3E2 Sherman Jumbo	75-L40, MG(2:35)	MG(2:20)	40	25	15	3	15	8	7	6	5	4	—	—	3	Fit 'Culin' Hedgerow Cutter +20	180
1945	M4A3E8 Sherman	76-L52, MG(2:35)	MG(2:20)	40	30	15	3	9	4	10	9	8	7	—	—	3	Fit 'Culin' Hedgerow Cutter +20	130
1943	M5A1 Stuart	37-L53, MG(2:35)	MG(2:20)	50	35	20	2	5	3	5	4	4	—	—	—	1	CDW; LL(b) Fit 'Culin' Hedgerow Cutter +20	86
1945	M24 Chaffee	75-L40, MG(2:35)	MG(2:20)	50	35	15	2	5	2	7	6	5	4	—	—	3	LL(b)	89
1945	M26 Pershing	90-L53, MG(2:35)	MG(2:20)	45	30	15	3	15	8	13	12	11	10	9	—	3	LL(b)	234
Close Support Vehicles																		
{HE//Smoke; HC as indicated; Sherman 75mm as indicated}																		
1944	LVT(A)4	75-L16	Cargo (2)	35	25	15	2	1	1	Direct Fire only; No Area Fire					3	{HC (PEN 2d6+1)} Amphibious; Cannot tow guns	110	
1944	M4(105) Sherman	105 How, MG(2:35)	MG(2:20)	40	30	15	3	9	4	Direct Fire only; No Area Fire					4	{HC (PEN 2d6+3)} LL(b)	156	
1944	M4A3(105) Sherman	105 How, MG(2:35)	MG(2:20)	40	30	15	3	9	4	Direct Fire only; No Area Fire					4	{HC (PEN 2d6+3)} LL(b)	156	
1944	T34 Sherman Calliope	75-L40, MG(2:35) 60-tube 4.6-in. RL	MG(2:20)	45	35	15	3	9	4	7	6	5	4	—	—	3	{AP//HE; Smoke} {HE} Rocket Launcher; Single Shot. See Special Vehicles and Weapons	158

Date	Type	Armament		Movement in cm			'Squish' Size	Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes	Cost
		Turret	Hull	RR	CC	BG		F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2			
Close Support Vehicles (continued)																	
1944	T34E2 Sherman Calliope	75-L40, MG(2:35) 60-tube 7.2-in. RL T21 Chemical charge	MG(2:20)	45	35	15	3	9	4	7	6	5	4	—	3	{AP//HE; Smoke}	163
1944	T40 Sherman Whizzbang (Smoke) Cannot use 75-L40 unless RL is jettisoned (see below)	75-L40, MG(2:35) 20-tube 7.2-in. RL T21 Chemical charge	MG(2:20)	45	35	15	3	9	4	7	6	5	4	—	3	{AP//HE; Smoke}	148
To jettison the launcher an Order must be issued, next carry out a Test using the Reloading a Rocket Launcher rules.																	
Armoured Cars																	
1939	M3A1 White Scout car	0.5-in.HMG(3:35)	—	60	35	20	1	1	1	1	—	—	—	—	No	{w}; LL(b); LL(s)	37
	Alternative armament a	0.5-in.HMG(3:35), MG(2:35)	—							1	—	—	—	—	No		49
	Alternative armament b	0.5-in.HMG(3:35), 2x MG(2:35)	—							1	—	—	—	—	No		62
1943	M8 Greyhound	37-L53, MG(2:35)	—	60	35	15	2	1	1	5	4	4	—	—	1	{AP//HE} [w] CDW	52
1943	M20	0.5in. HMG(3:35)	—	60	35	15	2	1	1	1	—	—	—	—	No	{w}	38
Self-Propelled Anti-tank Guns																	
1942	M10 Wolverine	76-L52	—	45	35	15	3	6	3	10	9	8	7	—	3	LL(b), LL(s) Fit 'Culin' Hedgerow Cutter +20	101
1944	M18 Hellcat	76-L52	—	60	55	25	2	3	1	10	9	8	7	—	3		87
1944	M36	90-L53	—	45	35	20	3	7	3	13	12	11	10	9	3		131
1942	M6 37mm GMC	—	37-L53	60	50	25	1	—	—	5	4	4	—	—	1	{w} CV; CDW	36
Self-propelled Artillery																	
1942	M7 Priest	0.5-in.HMG(3:35)	105-How	40	30	15	2	7	1	1	—	—	—	—	No	LL(b)	183
1943	M8 HMC	75-L16	—	50	35	20	2	4	3	—	—	—	—	—	4	{HC (PEN 2d6+3)}	138
1944	M12	—	155-M1917	40	30	15	3	3	2	—	—	—	—	—	3	{HC (PEN 2d6+1)}	339
1944	M40 Long Tom	—	155-M4A1	40	20	10	3	1	1	—	—	—	—	—	7		366
1942	M4/M4A1 MMC	0.5-in.HMG(3:35)	81-Mortar	55	40	20	1	1	1	1	—	—	—	—	No	{½}	89
1944	M21 MMC	0.5-in.HMG(3:35)	81-Mortar	50	35	20	2	1	1	1	—	—	—	—	No	Mortar fires to rear {½}	99
1942	T12 (M3) GMC	—	75-L33	55	40	20	2	2	1	—	—	—	—	—	2	{HC (PEN 2d6+1)} [½]	95
1941	T19 HMC	—	105 How	55	40	20	1	1	1	—	—	—	—	—	4	{HC (PEN 2d6+3)} [½]	160
1943	T30 HMC	—	75-L16	50	35	20	2	1	1	—	—	—	—	—	3	{HC (PEN 2d6+1)} [½]	120

Date	Type	Armament		Movement in cm			'Squish' Size	Armour		Direct Fire Range, To Hit modifier and Penetration					HE #	Notes	Cost
		Turret	Hull	RR	CC	BG		F	S	35cm +1	50cm +0	60cm -1	70cm -2	85cm -2			
Anti-aircraft Vehicles																	
1943	M13/14 MGMC			55	35	20	2	1	1	Range 35					No	[½] Anti-aircraft (4)	68
1943	M15 CGMC			55	35	20	2	1	1	Range 35 or 55					No	[½] Anti-aircraft (5) 37 alone has Range 55(2)	76
1943	M16/17 MGMC			55	35	20	2	1	1	Range 35					No	[½] Anti-aircraft (6)	85
1944	T13E2			60	35	15	2	2	2	Range 35					No	[w] LL(b); Anti-aircraft (4)	60
Flamethrower Vehicles (Restricted Use rules apply to the Flame Weapon)																	
1944	LVT(A)4 Ronson	FT(2)	Cargo (2)	35	25	15	2	1	1						No	Amphibious	181
1944	M3 Satan	37-L53, MG(2:35)	FT(2)	50	40	20	2	5	3	4					1	{AP//HE} CDW Fit 'Culin' Hedgerow Cutter +20	182
1944	M4A1R3 Sherman Zippo	75-L40, MG(2:35)	FT(4)	40	30	15	3	9	4	7 6 5 4					2	{AP//HE; Smoke} Fit 'Culin' Hedgerow Cutter +20	310
1944	M4A3R5 Sherman Zippo	FT(4), MG(2:35)	MG(2:20)	45	35	15	3	9	4						No	{AP//HE; Smoke} Fit 'Culin' Hedgerow Cutter +20	321
Fully and Half-tracked, and Wheeled Transport and Towing Vehicles																	
1941	M2A1	0.5-in.HMG(3:35)	Cargo (1)	55	40	20	1	1	1						No	[½]	48
1941	M3/M3A1	0.5-in.HMG(3:35)	Cargo (1)	50	35	20	2	1	1						No	[½]	57
	Alternative armament a	0.5-in.HMG(3:35), MG(2:35)													No		69
	Alternative armament b	0.5-in.HMG(3:35), 2x MG(2:35)													No		82
1941	M5A1	0.5-in.HMG(3:35)	Cargo (1)	50	35	15	2	1	1						No	[½]; LL(b); LL(s)	55
	Alternative armament a	0.5-in.HMG(3:35), MG(2:35)													No	[½]	68
	Alternative armament b	0.5-in.HMG(3:35), 2x MG(2:35)													No		80
1939	M3A1 White Scout car	0.5-in.HMG(3:35)	Cargo (1)	60	35	20	1	1	1						No	[w]; LL(b); LL(s)	48
	Alternative armament a	0.5-in.HMG(3:35), MG(2:35)													No		61
	Alternative armament b	0.5-in.HMG(3:35), 2x MG(2:35)													No		73
	Unarmed version														No		24
1943	M3 tractor	0.5-in.HMG(3:35)	Cargo (3)	50	25	15	3								No	[w]; LL(b); LL(s)	78

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			
Other Vehicles																	
1944	T40 Sherman Whizzbang (Demolition) Cannot use 75-L40 unless RL is jettisoned.	75-L40, MG(2:35)	MG(2:20)	45	35	15	3	9	4	7	6	5	4	3	{AP//HE; Smoke}	152	
	To jettison the launcher an Order must be issued in order to carry out a Test using the Reloading a Rocket Launcher rules. If successful the launcher is jettisoned.	20-tube 7.2-in. RL T27 Demolition charge								(Max. Range 25cm); No Area Fire Restricted Use Rules apply					5	{HE}; See Special Vehicles and Weapons	
1943	LVT(A)1	37-L53, MG(2:35)	2x MG(2:35) Cargo (2)	35	30	15	2	1	1	5	4	4	4	1	{AP//HE} CDW; Amphibious; Cannot tow guns	108	
1943	LVT(A)2	0.5-in.HMG(3:35)	Cargo (2)	35	25	15	2	1	1	1	1	1	1	No	Amphibious; Cannot tow guns	66	
1942	M29 Weasel	—	Cargo (1)	50	50	30	1	1	1	1	1	1	1	No	Amphibious; Cannot tow guns	31	
1944	M4A4 Sherman Dozer	75-L40, MG(2:35)	MG(2:20)	40	30	15	3	9	4	7	6	5	4	3	{AP//HE; Smoke} Dozer; LL(b)	136	
1941	LVT1 Water Buffalo	—	2x MG(2:35) Cargo (2)	30	20	10	2	—	—	—	—	—	—	No	Amphibious; Cannot tow guns; LL(b)	46	
1942	LVT2 Water Buffalo	0.5-in.HMG(3:35)	2x MG(2:35) Cargo (2)	35	30	15	2	—	—	1	—	—	—	No	Amphibious; Cannot tow guns; LL(b)	84	
1943	LVT4 Water Buffalo	2x 0.5-in.HMG(3:35)	2x MG(2:35) Cargo (2)	35	30	15	2	—	—	1	—	—	—	No	Amphibious; Cannot tow guns; LL(b); LL(s)	113	
1942	DUKW	—	Cargo (2)	60	25	15	1	—	—	—	—	—	—	No	[w] Amphibious; Cannot tow guns; LL(b); LL(s)	36	
1942	DUKW (Armed)	0.5-in.HMG(3:35)	Cargo (2)	35	30	15	1	—	—	1	—	—	—	No	[w] Amphibious; Cannot tow guns; LL(b); LL(s)	65	
1942	Willys Jeep (Armed) Alternative armament	MG(2:35) 0.5-in.HMG(3:35)	—	65	50	25	1	—	—	—	—	—	—	No	[w] CV	27	
										1	—	—	—	No		38	