

M4A3 SHERMAN (Sherman IV)														
1,690 produced from June 1942 to September 1943														
ER: 15/20			Speed: 26 mph (12.7)				Weight: 33.4 tons				Crew: 5 (commander, gunner, loader, driver, co-driver)			
Main Gun: 75mm M3/2" smoke mortar			Ammo: 97/4,750/300				Traverse: (hydraulic) 24°/second				Elevation: -10° to +25°			
Coaxial: M1919A4			Bow: M1919A4				AA: M2 HB .50 caliber				Sight: M55, M38			
Hit Locations														
Attack Angle	Turret Face		Turret Flank		Turret Rear		Upper Hull		Lower Hull		Hull Flank		Hull Rear	
20mm/28mm														
0°	96	94	53	52	53	52	341	267	341	267	39	38	45	42
15°	103	100	57	55	56	54	367	285	367	285	40	39	48	45
30°	146	136	75	70	75	70	508	382	508	382	53	49	66	60
45°	299	266	141	126	141	126	905	655	905	655	95	85	135	113
37mm/47mm														
0°	92	91	51	50	51	50	219	184	219	184	37	37	41	39
15°	97	95	53	52	53	51	231	193	231	193	38	37	43	42
30°	129	123	66	63	66	63	302	246	302	246	47	44	56	53
45°	242	223	114	105	114	105	501	398	501	398	77	71	97	85
50mm/57mm														
0°	91	90	50	50	50	50	176	160	176	160	37	36	39	38
15°	94	93	52	51	51	50	185	167	185	167	37	37	41	40
30°	122	118	62	61	62	61	234	209	234	209	44	43	53	51
45°	218	208	103	98	103	98	375	331	375	331	69	66	83	77
75mm /76.2mm														
0°	88	88	49	49	49	49	131	130	131	130	36	36	37	37
15°	91	90	49	49	49	49	136	135	136	135	36	36	38	38
30°	112	112	58	57	58	57	166	164	166	164	41	40	48	47
45°	189	188	89	89	89	89	254	250	254	250	60	60	66	66
85mm/88mm														
0°	88	87	48	48	48	48	120	117	120	117	35	35	36	36
15°	89	89	49	49	49	48	124	121	124	121	35	35	38	37
30°	110	109	56	56	56	56	149	145	149	145	40	39	46	46
45°	181	179	86	85	86	85	225	218	225	218	58	57	62	61
90mm/100mm														
0°	87	87	48	48	48	48	115	107	115	107	35	35	36	35
15°	89	88	48	48	48	48	119	110	119	110	35	35	37	37
30°	108	106	56	54	56	54	142	130	142	130	39	38	46	44
45°	178	171	84	81	84	81	213	193	213	193	56	54	60	57
122mm /128mm														
0°	86	85	47	47	47	47	93	89	93	89	34	34	34	34
15°	86	86	47	47	47	47	95	91	95	91	34	34	35	35
30°	102	101	52	52	52	52	110	106	110	106	37	36	42	42
45°	160	157	75	74	75	74	159	152	159	152	51	50	51	50
Armor Protection														
Armor Detail	Front				Side				Rear		Top/Bottom			
Hull	51mm@56°				38mm@0°				38mm@22°		25mm@0° (front) 13mm@0° (rear)			
Superstructure	51mm@56°				-				-		19mm@0°			
Turret	76mm@30°				51mm@5°				51mm@0°		25mm@0°			
Mantlet	89mm@0°				-				-		-			

NOTE: In Britain, this tank was rearmed with the 17-pounder and designated Sherman IVC (Firefly).