



United States Modern Gun Table

25mm M242	D	S	Pen.	9	8	7	6	5	4					
APDS (M791)	8	14	Range	100	300	500	700	900	1000					
When RoF is ac			To Hit	1 ^{3.5}	2 ^{4.6}	3 ^{5.7}	4 ^{6.8}	5 ^{7.9}	6 ^{8.10}	7 ^{9.11}	8 ^{10.12}	9 ^{11.13}	10 ¹²	11 ¹³
			Range	250	300	350	400	450	500	550	625	700	850	1000
25mm M242	D	S	Pen.	14	13	12	11	10	9	8	7			
APDSFS (M919)	8	14	Range	100	250	400	550	700	850	1000	1200			
When RoF is ac			To Hit	1 ^{3.5}	2 ^{4.6}	3 ^{5.7}	4 ^{6.8}	5 ^{7.9}	6 ^{8.10}	7 ^{9.11}	8 ^{10.12}	9 ^{11.13}	10 ¹²	11 ¹³
DU			Range	275	325	375	400	450	500	550	650	750	900	1200

75mm M5	D	S	Pen.	10	9	8	7	6						
APHE (M62)	6	10	Range	25	125	400	725	1100						
When RoF is 9			To Hit	1 ^{4.7}	2 ^{5.8}	3 ^{6.9}	4 ^{7.10}	5 ^{8.11}	6 ^{9.12}	7 ^{10.13}	8 ^{11.14}	9 ^{12.15}	10 ¹³	11 ¹⁴
			Range	225	300	350	400	450	500	550	625	750	900	1100

76mm M1A2	D	S	Pen.	13	12	11	10	9	8	7	6			
APHE (M62)	6	10	Range	25	150	300	450	600	750	900	1100			
When RoF is 8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	250	300	350	400	450	500	550	625	750	900	1050
76mm M1A2	D	S	Pen.	21	20	19	18	17	16	15	14	13	12	11
HVAP (M93)	7	10	Range	25	100	200	275	375	450	575	675	775	875	975
When RoF is 8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	275	300	350	425	450	525	575	650	750	925	1100

76mm M32	D	S	Pen.	15	14	13	12	11	10	9	8			
APHE	6	10	Range	100	250	400	550	700	850	1000	1150			
When RoF is 8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	250	300	350	400	450	500	550	650	775	900	1050
76mm M32	D	S	Pen.	23	22	21	20	19	18	17	16	15	14	13
HVAP	7	10	Range	100	200	275	375	450	525	600	700	800	900	1000
When RoF is 8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	275	300	350	425	450	525	600	700	825	950	1100
76mm M32	D	S	Pen.	31	30	29	28	27	26	25	24	23	22	21
APDS (M646)	7	10	Range	100	200	300	400	500	600	725	825	950	1075	1200
When RoF is 8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	275	350	450	500	550	600	650	700	850	1000	1200

90mm M3	D	S	Pen.	16	15	14	13	12	11	10	9			
APHE (M82)	5	9	Range	25	225	375	625	825	1050	1250	1500			
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	300	400	525	575	650	700	750	800	950	1100	1500
90mm M3	D	S	Pen.	25	24	23	22	21	20	19	18	17	16	15
HVAP (M304)	7	9	Range	100	225	350	450	525	625	700	800	900	1000	1100
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵
			Range	300	400	525	600	650	725	800	875	1000	1125	1250

90mm T15E2	D	S	Pen.	18	17	16	15	14	13	12				
AP (T33)	6	9	Range	100	300	500	775	1250	1400	1500				
When RoF is 4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10	11
			Range	300	400	525	575	650	700	750	800	950	1100	1500
90mm T15E2	D	S	Pen.	28	27	26	25	24	23	22	20	19	18	17
HVAP (T44)	7	9	Range	25	175	275	375	450	525	625	725	800	900	1000
When RoF is 4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10	11
			Range	300	400	525	600	650	725	800	875	1000	1125	1250

90mm M36,M41	D	S	Pen.	20	19	18	17	16	15	14	13	12	11	10		
APHE (M318)	5	9	Range	100	200	300	425	550	675	800	925	1100	1250	1500		
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵		
			Range	300	400	525	575	650	700	750	800	950	1100	1500		
90mm M36,M41	D	S	Pen.	29	28	27	26	25	24	23	22	21	20	19	18	17
APDS (T-65)	7	9	Range	100	200	300	400	500	600	700	825	950	1075	1250	1375	1500
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵		
			Range	300	400	525	600	650	750	850	975	1050	1250	1500		
90mm M36,M41	D	S	Pen.	22												
HEAT (M431)	6	9	Range	all												
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵		
			Range	200	275	375	475	600	650	750	850	950	1050	1250		
90mm M36,M41	D	S	Pen.	9	D	S	18	D	S	27	D	S	36	D	S	
HESH	3	6	Range	all	3	6	all	6	8	all	9	10	all	12	12	
When RoF is 7			To Hit	1 ^{5.9}	2 ^{6.10}	3 ^{7.11}	4 ^{8.12}	5 ^{9.13}	6 ^{10.14}	7 ^{11.15}	8 ¹²	9 ¹³	10 ¹⁴	11 ¹⁵		
			Range	200	275	375	475	600	650	750	850	950	1050	1250		

105mm M68	D	S	Pen.	38	37	36	35	34	33	32	31	30	29	28	27	26
APDS (M392)	6	9	Range	75	175	275	400	500	625	750	875	1000	1150	1300	1475	1625
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11		
1961			Range	300	400	525	625	750	875	1000	1100	1250	1450	1600		
105mm M68	D	S	Pen.	36												
HEAT (M456)	5	8	Range	all												
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11		
1967			Range	200	275	375	475	625	750	875	975	1175	1400	1450		
105mm M68	D	S	Pen.	12	D	S	24	D	S	30	D	S	48	D	S	
HESH (393A1)	4	7	Range	all	4	7	all	6	8	all	8	9	all	10	10	
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11	12	13
1967			Range	200	275	325	400	500	700	875	975	1175	1400	1500	1750	2000

105mm M68	D	S	Pen.	41	40	39	38	37	36	35	34	33	32	31	30	29	28
APDS (M728)	6	9	Range	50	150	250	350	450	575	700	825	950	1100	1225	1400	1550	1650
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11			
1974			Range	300	400	525	625	750	875	1000	1100	1250	1450	1600			
105mm M68	D	S	Pen.	43													
HEAT (M456A2)	5	8	Range	all													
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11	12	13	14
1979			Range	200	275	375	475	625	750	875	975	1175	1400	1500	1750	2000	2500

105mm M68	D	S	Pen.	43	42	41	40	39	38	37	36	35	34	33	32	31	30
APDSFS (M735)	6	9	Range	75	175	275	375	500	600	725	850	1000	1125	1275	1425	1600	1775
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11			
1979			Range	300	400	550	650	775	900	1050	1175	1325	1475	1650			

105mm M68	D	S	Pen.	46	45	44	43	42	41	40	39	38	37	36	35	34	33
APDSFS (M774)	5	9	Range	25	125	225	325	450	550	675	825	950	1100	1250	1425	1575	1775
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11			
1982			Range	300	400	550	650	775	900	1050	1175	1325	1475	1650			

105mm M68	D	S	Pen.	53	52	51	50	49	48	47	46	45	44	43	42	41	40	
APDSFS (M833)	5	9	Range	75	175	275	275	500	625	750	875	1025	1175	1325	1500	1675	1875	
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11				
1986			Range	300	400	550	650	775	900	1050	1200	1375	1550	1800				
105mm M68	D	S	Pen.	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47
APDSFS (M900)	5	9	Range	75	175	275	375	475	575	700	800	925	1075	1200	1350	1500	1650	1825
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11				
1991			Range	325	425	550	650	775	900	1050	1200	1375	1550	1800				

120mm M256	D	S	Pen.	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34
APDSFS (M827)	6	9	Range	75	175	250	350	450	550	650	775	875	1000	1125	1275	1400	1550	1700	1875	2025
When RoF is 6				To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵						
1986				Range	325	425	550	650	775	900	1050	1250	1500	2000						

120mm M256	D	S	Pen.	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48
APDSFS (M829)	4	9	Range	50	150	225	325	425	500	600	725	825	950	1050	1175	1325	1450	1600	1750	1900	2075
When RoF is 6				To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵							
1988				Range	325	425	550	650	775	900	1050	1250	1500	2000							

120mm M256	D	S	Pen.	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54
APDSFS (M829A1)	4	9	Range	50	125	225	300	400	500	600	700	825	950	1050	1200	1325	1475	1600	1775	1925	1950
When RoF is 6				To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵							
1991				Range	325	425	575	675	775	900	1050	1250	1500	1950							

120mm M256	D	S	Pen.	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	
APDSFS (M829A2)	4	9	Range	75	175	275	375	475	575	700	825	925	1075	1200	1350	1500	1650	1800	1975	2150	2350	
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11								
1994			Range	325	425	575	675	775	900	1050	1250	1500	1950	2350								

120mm M256	D	S	Pen.	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	
APDSFS (M829A3)	4	9	Range	25	125	225	325	450	550	675	825	950	1100	1250	1425	1575	1775	1950	2175	2375	2400	
When RoF is 6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11								
2003			Range	325	425	575	675	775	900	1050	1250	1500	1950	2400								

152 mm GS	D	S	Pen.	43																
HEAT (M409)	4	6	Range	all																
When RoF is 2.5				To Hit	1 ¹⁰	2 ¹¹	3 ¹²	4 ¹³	5 ¹⁴	6 ¹⁴	7	8	9	10	11					
1967				Range	200	275	375	500	625	750	875	975	1175	1375	1450					

165 mm M57	D	S	Pen.	15	D	S	30	D	S	45	D	S	60	D	S	75	D	S
HESH (M123A1)	2	4	Range	all	2	4	all	5	6	all	8	8	all	11	10	all	14	12
When RoF is 2				To Hit	1 ¹¹	2 ¹²	3 ¹³	4 ¹⁴	5 ¹⁵	6	7	8	9	10	11			
1960				Range	150	200	250	300	350	400	450	500	550	600	700			