

HP 『海軍砲術学校』 公開資料

5-INCH 38-CALIBER GUN

OP 551 (2d Rev.)

Range	Angle of elevation		Increase in angle of elevation for 100 yards, increase in range	Angle of fall	Time of flight	Striking velocity	Drift	Danger space for a target 20 feet high	Maxi- mum ordi- nate		
1	2	2a	2b	3	4	5	6	7	8		
<i>Yards</i>	°	'	<i>Minutes</i>	<i>Minutes</i>	°	'	<i>Seconds</i>	<i>F. S.</i>	<i>Yards</i>	<i>Yards</i>	<i>Feet</i>
10,000	10	55	655	14	20	31	22.00	955	69	18	2,060
10,100	11	09	669	13	20	55	22.34	952	71	17	2,125
10,200	11	22	682	13	21	20	22.69	949	73	17	2,195
10,300	11	35	695	13	21	45	23.04	946	75	17	2,265
10,400	11	48	708	12	22	10	23.39	943	77	16	2,340
10,500	12	00	720	13	22	36	23.73	940	80	16	2,415
10,600	12	13	733	14	23	01	24.08	937	82	16	2,490
10,700	12	27	747	14	23	27	24.43	935	85	15	2,565
10,800	12	41	761	15	23	53	24.79	932	87	15	2,645
10,900	12	56	776	14	24	19	25.15	930	90	15	2,725
11,000	13	10	790	14	24	46	25.51	927	93	14	2,810
11,100	13	24	804	15	25	12	25.88	925	95	14	2,895
11,200	13	39	819	15	25	38	26.25	923	98	14	2,980
11,300	13	54	834	15	26	05	26.62	921	101	14	3,065
11,400	14	09	849	16	26	32	26.99	918	104	13	3,155
11,500	14	25	865	16	26	59	27.36	916	107	13	3,245
11,600	14	41	881	16	27	26	27.74	914	110	13	3,340
11,700	14	57	897	16	27	53	28.12	913	113	13	3,435
11,800	15	13	913	16	28	20	28.50	911	116	12	3,530
11,900	15	29	929	16	28	48	28.89	909	119	12	3,630
12,000	15	45	945	16	29	16	29.28	908	123	12	3,730
12,100	16	01	961	17	29	44	29.67	907	126	12	3,835
12,200	16	18	978	17	30	12	30.07	906	129	11	3,940
12,300	16	35	995	17	30	40	30.47	904	133	11	4,050
12,400	16	52	1,012	18	31	08	30.87	903	136	11	4,160
12,500	17	10	1,030	18	31	37	31.28	902	140	11	4,270
12,600	17	28	1,048	19	32	05	31.69	901	144	11	4,385
12,700	17	47	1,067	18	32	34	32.11	900	148	10	4,505
12,800	18	05	1,085	18	33	02	32.53	900	152	10	4,625
12,900	18	23	1,103	18	33	31	32.96	899	156	10	4,745
13,000	18	41	1,121	19	34	00	33.38	898	160	10	4,870

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55.18-LB. A. A. COMMON PROJECTILE MARK 55

I. V. 2500 F. S.

Change of range for variation of +10 feet per second initial velocity	Change of range for variation of -1 pounds in weight of projectile	Change of range for variation in density of air of -10 per cent	Change of range for variation of temperature of air of -10° F.	Change of range for wind component in plane of fire of 10 knots	Change of range for motion of gun in plane of fire of 10 knots	Change of range for motion of target in plane of fire of 10 knots	Deviation for lateral wind component of 10 knots	Deviation for lateral motion of gun perpendicular to line of fire, speed of 10 knots	Deviation for lateral motion of target perpendicular to line of fire, speed of 10 knots	Change in height of impact for variation of 100 yards in sight bar
10	11	12	12a	13	14	15	16	17	18	19
<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Yards</i>	<i>Feet</i>
48	-29	501	14	78	46	124	53	71	124	112
48	-30	506	14	80	46	126	55	71	126	115
48	-30	512	14	82	46	128	56	72	128	117
48	-31	518	13	84	46	130	57	73	130	120
48	-32	524	13	86	46	132	58	74	132	122
49	-33	531	13	87	47	134	59	75	134	125
49	-34	537	12	89	47	136	61	75	136	127
49	-35	543	12	91	47	138	62	76	138	130
49	-35	549	12	93	47	140	63	77	140	133
50	-36	555	11	95	47	142	65	77	142	136
50	-37	561	11	97	47	144	66	78	144	138
50	-38	567	10	99	47	146	67	79	146	141
50	-39	573	10	101	47	148	69	79	148	144
50	-39	579	10	104	46	150	70	80	150	147
51	-40	585	9	106	46	152	72	80	152	150
51	-41	591	9	108	46	154	73	81	154	153
51	-42	597	8	110	46	156	74	82	156	156
51	-43	604	8	112	46	158	76	82	158	159
51	-44	610	8	114	46	160	77	83	160	162
52	-45	616	7	116	46	162	78	84	162	165
52	-46	623	7	119	46	165	80	85	165	168
52	-46	629	6	121	46	167	81	86	167	171
52	-47	636	6	124	46	170	83	87	170	175
52	-48	642	6	126	46	172	85	87	172	178
53	-49	649	5	128	46	174	86	88	174	181
53	-50	656	5	130	46	176	87	89	176	185
53	-51	663	4	132	46	178	89	89	178	188
53	-52	669	4	134	46	180	90	90	180	191
53	-53	676	3	137	46	183	92	91	183	195
54	-54	683	3	139	47	186	94	92	186	199
54	-55	690	3	141	47	188	95	93	188	202