

FIRING TABLES
FOR
MORTAR, 60-MM, M2
FIRING SHELL, H. E., M49A2 WITH
FUZE, P. D., M52B1 (Plastic)
CARTRIDGE, IGNITION, M5A1
WEIGHT OF FUZED PROJECTILE—2.73 LB.

FT 60-D-2
(ABRIDGED)

Range	Elevation	Charge	Elevation	Charge
Yards	Degrees		Degrees	
200	73 1/2	0	82 3/4	1
225	71 1/4	0	82	1
250	68 3/4	0	81	1
275	65 3/4	0	80	1
300	62 3/4	0	79	1
325		0	78	1
350			77	1
375			76	1
400			75	1
425			74	1
450	79 1/4	2	73	1
475	78 3/4	2	71 3/4	1
500	78	2	70 3/4	1
525	77 1/4	2	69 1/2	1
550	76 1/2	2	68 1/4	1
575	76	2	67	1
600	75 1/4	2	65 3/4	1
625	74 1/4	2	64 1/2	1
650	74	2	63	1
675	73 1/4	2	61 1/2	1
700	72 1/2	2	59 3/4	1
725	71 3/4	2		
750	71	2		
775	70 1/4	2		
800	69 1/2	2		
825	68 3/4	2		
850	67 3/4	2	73 3/4	3
875	67	2	73 1/4	3
900	66 1/4	2	72 3/4	3
925	65 1/4	2	72 1/4	3

Range	Elevation	Charge	Elevation	Charge
Yards	Degrees		Degrees	
925	65 1/4	2	72 1/4	3
950	64 1/4	2	71 3/4	3
975	63 1/4	2	71	3
1000	62 1/4	2	70 1/2	3
1025	61 1/4	2	70	3
1050	60 1/4	2	69 1/2	3
1075	59	2	68 3/4	3
1100	57 3/4	2	68	3
1125			67 1/2	3
1150			66 3/4	3
1175			66 1/4	3
1200			65 1/2	3
1225			64 3/4	3
1250			64	3
1275	69 3/4	4	63 1/4	3
1300	69 1/4	4	62 1/2	3
1325	68 3/4	4	61 3/4	3
1350	68 1/4	4	61	3
1375	67 3/4	4	60	3
1400	67 1/4	4	59 1/4	3
1425	66 3/4	4	58 1/4	3
1450	66	4	57 1/4	3
1475	65 1/2	4	56 1/4	3
1500	65	4	55	3
1600	62 1/2	4		
1700	60	4		
1800	56 3/4	4		
1900	53	4		
2000	47	4		
2017	45	4		

Print on ivory-coloured A4 paper (approximately 100-120gsm).
 Print on both sides to produce one Firing Table.

When printing, be sure to disable any fitting options in the
 print dialogue to ensure the final print is the correct dimensions.



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DEFLECTION CONVERSION TABLE DEFLECTION IN MILS

Range in yards	DEFLECTION IN YARDS														
	1	10	20	30	40	50	75	100	125	150	175	200	300	400	500
500	2.0	20	41	51	61	102	152	201	250	297	318	388	550	687	800
600	1.7	17	34	51	68	85	127	168	209	250	289	328	472	599	708
700	1.5	15	29	44	58	73	109	145	160	215	250	284	412	529	632
800	1.8	13	25	38	51	64	95	127	158	189	219	250	355	472	569
900	1.4	11	22	34	45	57	85	113	141	185	195	223	328	426	517
1000	1.0	10	20	31	41	51	78	102	127	152	176	201	297	388	473
1100	.93	9	18	28	37	48	69	92	115	138	161	189	271	355	435
1200	.85	8	17	25	34	42	64	85	106	127	148	168	249	328	402
1300	.79	8	16	23	31	39	59	78	98	117	136	155	231	301	374
1400	.73	7	15	22	29	36	55	73	91	109	127	145	215	283	349
1500	.68	7	14	20	27	34	51	68	85	102	118	135	201	265	328
1600	.63	6	13	19	25	32	48	64	80	95	111	127	189	250	309
1700	.60	6	12	18	24	30	45	60	75	90	104	119	178	235	291
1800	.57	6	11	17	23	28	42	57	71	85	99	113	168	228	276
1900	.54	5	11	16	21	27	40	54	67	80	94	107	160	211	262
2000	.51	5	10	15	20	26	38	51	64	76	89	102	132	201	250

Deflection for one turn of traversing handwheel — 10 mils.

NOTES — Use of firing table:

1. Where two elevations and two charges are available for selection, select the charge which will give the greatest latitude without changing the charge, for example:

Range 850 use $67\frac{3}{4}$ degrees—charge 2.

2. In firing on targets involving searching fire, select elevation in degrees that will permit use of same charge throughout, for example:

Zone 800 to 900 use charge 2 with corresponding elevations.

3. Note that for ranges greater than 1500 yards, it will be necessary to interpolate to obtain elevations corresponding to ranges containing 25 yards increments.

4. This table, FT 60-D-2, supersedes FT 60-D-1.

L. H. CAMPBELL, JR.,
Major General, Chief of Ordnance.

Ord. Dept., U. S. A.
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