

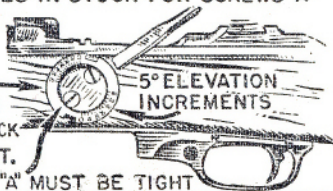
GRENAD LAUNCHER SIGHT M15

FOR M1903, M1903A1, M1903A3, M1,
RIFLES AND M1 CARBINE,
USE LOCATING JIG FOR LOCATING AND
DRILLING HOLES IN STOCK FOR SCREWS "A"

NO. 1

MOUNTING

PLATE
JIG LOCATES ON
LEFT SIDE OF STOCK
IN RECEIVER CUT.



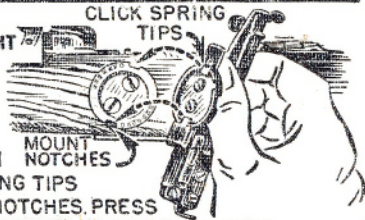
SCREWS "A" MUST BE TIGHT

NO. 2

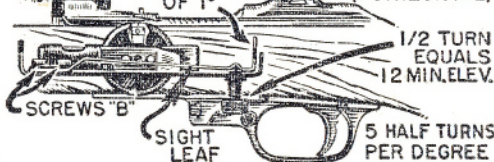
TO PUT SIGHT
ON, PLACE
SIGHT

AGAINST
MOUNTING
PLATE WITH

CLICK SPRING TIPS
IN MOUNT NOTCHES. PRESS
DOWN AND ROTATE TO POSITION NO. 3



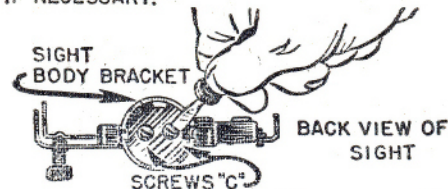
NO. 3 TO ZERO (HORIZONTAL)



TO ADJUST FOR HORIZONTAL ZERO, LOOSEN
SCREWS "B" & MOVE SIGHT LEAF EITHER RIGHT
OR LEFT AS REQUIRED AND FIRMLY TIGHTEN
SCREWS "B" AFTER ADJUSTMENT

NO. 4 TO ZERO VERTICALLY

TO OBTAIN VERTICAL ZERO, SET SIGHT TO "0"
DEGREE MARK AND SET ADJUSTABLE REAR SIGHT
TO FIRST LINE BELOW THE PEER. ESTIMATE
AMOUNT OF VERTICAL ROTATION NECESSARY.
REMOVE SIGHT, LOOSEN SCREWS "C", ROTATE
SIGHT BODY BRACKET ESTIMATED AMOUNT,
SECURELY TIGHTEN SCREWS "C" AND REPLACE
SIGHT. REPEAT PROCEDURE
IF NECESSARY.



RESTRICTED

RA PD 22655

RANGE TABLES

FRAGMENTATION HAND GRENADE MK II WITH
GRENADE PROJECTION ADAPTER M1

Angle of Elevation	Position on Launcher	Range (Yards)		
		M1903 Rifles	M1 Rifles	Carbines
45°	6	—	60	35
45°	5	60	80	50
45°	4	80	105	65
45°	3	105	130	85
45°	2	Not fired at these angles and positions because time of flight is greater than delay time of grenade fuze (4.0 to 4.8 sec.)		
45°	1	115	140	100
45°	Full	140	165	115
30°	2	115	140	90
30°	1	140	165	105
30°	Full	175	175	115
30°	With M7 Auxiliary Grenade Cartridge	225	225	170
30°	Full	225	225	170

FRAGMENTATION IMPACT RIFLE GRENADE M17

Angle of Elevation	Position on Launcher	Range (Yards)		
		M1903 Rifles	M1 Rifles	Carbines
45°	6	—	55	40
45°	5	55	80	55
45°	4	80	105	75
45°	3	105	130	90
45°	2	130	155	110
45°	1	155	185	125
45°	Full	200	200	135
60°	Full	170	170	120
30°	With M7 Auxiliary Grenade Cartridge	260	260	175
45°	Full	290	290	195
60°	Full	245	245	165

AT GRENADE M9A1 AND RIFLE PRACTICE GRENADE M11A1 AND M11A2 (LOW ANGLE FIRE . . . ANTI-TANK)

Angle of Elevation	Position on Launcher	Range (Yards)		
		M1903 Rifles	M1 Rifles	Carbines
5°	All firings at full position	55	55	35
10°		105	105	70
15°		150	150	100
20°		185	185	125
25°		215	215	150
30°		235	235	165
35°		250	250	180
40°		260	260	185
45°		255	255	185
60°		215	215	155
30°	Full	315	315	240
45°	Full	330	330	260
60°	Full	270	270	220

AT GRENADE M9A1 AND RIFLE PRACTICE GRENADE M11A1 AND M11A2 (HIGH ANGLE FIRE . . . ANTI-PERSONNEL)

Angle of Elevation	Position on Launcher	Range (Yards)		
		M1903 Rifles	M1 Rifles	Carbines
30°	6	—	70	50
45°	6	—	80	55
30°	5	70	90	70
45°	5	80	105	80
30°	4	90	120	95
45°	4	105	135	110
30°	3	120	150	115
45°	3	135	165	130
30°	2	150	180	135
45°	2	165	200	150
30°	1	180	210	155
45°	1	200	230	170

CAUTIONS

1. When using the M7 auxiliary grenade cartridge, the rifle will NOT be fired from the shoulder. Serious injury to the firer may result.
2. The M7 auxiliary cartridge will be used with the carbine only in an emergency when increased range is necessary. When used, firing should be from a sandbag rest or equivalent, with the butt of the stock turned sideways to avoid stock breakage.
3. NEVER USE BALL AMMUNITION WHEN FIRING GRENADES.

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