

# REGISTRATION/SPECIAL CORRECTION WORK SHEET

For use of this form, see TC 3-09.81; the proponent agency is TRADOC.

## SECTION I. REGISTRATION COMPUTATION

ACHIEVED RANGE				DEFLECTION CORRECTION				
1	CHART RANGE		(10 METERS)	7	CORRECTED DEFLECTION (REGISTRATION)		(1 MIL)	
2	REGISTERING PIECE DISPLACEMENT (F-/B+)		(10 METERS)	8	REGISTERING PIECE DISPLACEMENT CORRECTION [6] (L+/R)		(1 MIL)	
3	ACHIEVED RANGE ( [1] + [2] )		(10 METERS)	9	ADJUSTED DEFLECTION ( [7] + [8] )		(1 MIL)	
<b>REGISTERING PIECE DISPLACEMENT CORRECTION</b>				10	CHART DEFLECTION		(1 MIL)	
4	LATERAL DISPLACEMENT (L/R)		(5 METERS)	11	TOTAL DEFLECTION CORRECTION ( [9] - [10] ) (L+/R-)		(1 MIL)	
5	ACHIEVED RANGE ( [3] )		(10 METERS)	12	DRIFT CORRECTION ( ~ ADJUSTED ELEVATION ) (L)		(1 MIL)	
6	REGISTERING PIECE DISPLACEMENT CORRECTION ( [4] ÷ [5] ) L+/R-		(1 MIL)	13	GRAPHICAL FIRING TABLE (GFT) DEFLECTION CORRECTION ( [11] - [12] )		(1 MIL)	
<b>GFT SETTING (MANUAL METHOD)</b>							DEFLECTION CORRECTION	
14	GFT	CHARGE	LOT	RANGE	ELEVATION	TIME	TOTAL	GFT
15	GFT	CHARGE	LOT	RANGE	ELEVATION	TIME		
16	GFT	CHARGE	LOT	RANGE	ELEVATION	TIME		
<b>GFT SETTING (COMPUTER METHOD)</b>								
17	BCS AMMUNITION AND FIRE UNIT REGISTRATION	RANGE	RANGE CORRECTION	TIME CORRECTION	DEFLECTION CORRECTION			
18	HAND-HELD CALCULATOR RESIDUALS	DEFLECTION CORRECTION		FUZE K	RANGE K			
19	FADAC RESIDUALS	DEFLECTION ±		FUZE ±	RANGE K ±			

REMARKS

## SECTION II. HASTY CORRECTIONS

INITIAL CHART DATA		DEFLECTION _____ RANGE _____ TARGET _____				DATE-TIME GROUP _____			
P L A T O O N	POSITION LATERAL CORRECTION (LEFT/RIGHT)	HASTY POSITION DEFLECTION CORRECTION ~ (a)	PLATOON COMPARATIVE MUZZLE VELOCITY VARIATION	HASTY MUZZLE CORRECTION ~ (c)	POSITION RANGE CORRECTION (FORWARD - BACK +)	HASTY POSITION QUADRANT ELEVATION CORRECTION	TOTAL QUADRANT ELEVATION CORRECTION (d) + (l) = g	CORRECTED QUADRANT ELEVATION - SITE FIRED = ELEVATION	TIME TO FIRE (ELEVATION GAGE LINE OVER (h)) READ TIME
	a	b	c	d	e	f	g	h	i
	5 METERS	AS LISTED	0.1 METER PER SECOND	AS LISTED	5 METERS	AS LISTED	1 MIL	1 MIL	0.1

## SECTION III. SPECIAL CORRECTIONS

INITIAL CHART DATA		DEFLECTION _____ RANGE _____ TARGET _____				DATE-TIME GROUP _____						
P L A T O O N	G U N N U M B E R	POSITION LATERAL CORRECTION (LEFT/RIGHT)	100/R ( GRAPHICAL FIRING TABLE)	POSITION DEFLECTION CORRECTION (LEFT/RIGHT) (a) x (b) = 100	PLATOON COMPARATIVE VELOCITY ERROR (INCREASE/ DECREASE)	MUZZLE VELOCITY UNIT CORRECTION FACTOR (TABLE F. APPROPRIATE FT) DECREASE + INCREASE -	MUZZLE VELOCITY RANGE CORRECTION (d) x (e) =	POSITION RANGE CORRECTION (FORWARD -) (BACK +)	TOTAL RANGE CORRECTION (l) + (g) =	POSITION QUADRANT ELEVATION CORRECTION (h) ÷ COLUMN 5 TABLE F APPROPRIATE FT)	CORRECTED RANGE (h) ~ 10 METERS + INITIAL RANGE)  (_____)	TIME TO FIRE (FUZE SETTING ~ (l)
		a	b	c	d	e	f	g	h	i	j	k
		5 METERS	1 MIL	1 MIL	0.1 METER PER SECOND	0.1 METER	1 METER	5 METERS	1 METER	1 MIL	10 METERS	0.1