

E6350088
Reference B6896631

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>62nd INFANTRY</i>		B. LOCATION <i>17th Army 603945</i>		C. UNIT IDENT CODE <i>W2L5K4</i>	
2. SERIAL NO. <i>10196631</i>		3. NOUN NOMENCLATURE <i>M109</i>		4. LINE NO. <i>295387</i>	5. MODEL	6. NATIONAL STOCK NUMBER <i>1405 0-276-2A13</i>	
7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES <i>7000</i>
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>not in Park</i>							
B. REMARKS							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY			C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT CODE
B. LOCATION					☐ 1 TOE ☐ 2 TD ☐ 3 Contractor		
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN	(3) MFR. CODE			
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools 22. Data Transcribed							
23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY		26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION (Select One)	
						☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	
JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE		

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

CONTROL COPY 3

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6350088
16 Jul 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0698
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .407818

THE AMR FOR THIS RIFLE IS: 1.089

CENTROIDAL DISTANCES

0 TO	1	.35246
1 TO	2	.200848
1 TO	3	.143951
1 TO	4	.325859
1 TO	5	.289614

4
5
3 1
2
+ <----POA

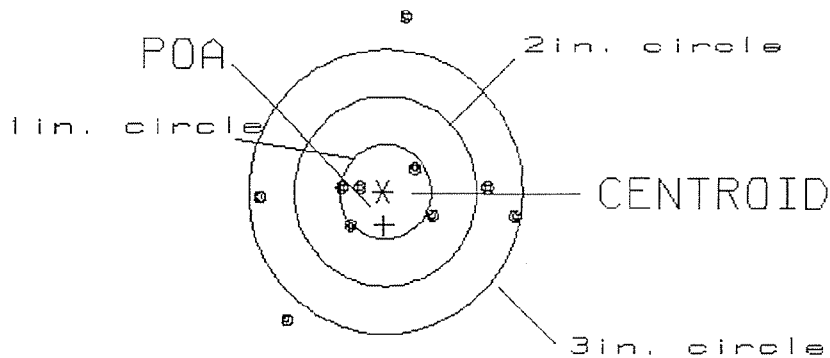
PATTERN #: 010

POA TO CENTROID: .353
 MIN RADIUS : .265
 MEAN RADIUS : .980
 MAX RADIUS : 1.850
 CENTROID X : -.018
 CENTROID Y : .352

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6350000.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.87

3

VS= 3.14

5

GS= 3.42

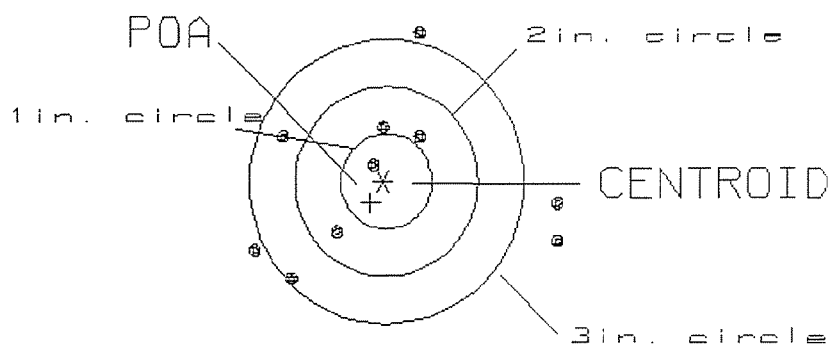
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .267
 MIN RADIUS : .263
 MEAN RADIUS : 1.179
 MAX RADIUS : 1.957
 CENTROID X : .140
 CENTROID Y : .228

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6350000.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.26

1

VS= 2.55

4

GS= 3.26

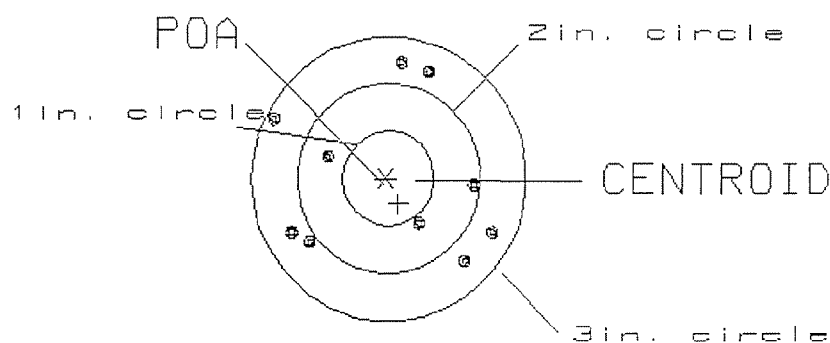
6

PATTERN #: [3]
 POA TO CENTROID: .304
 MIN RADIUS : .619
 MEAN RADIUS : 1.075
 MAX RADIUS : 1.406
 CENTROID X : -.137
 CENTROID Y : .271

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6350000.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.39

0

VS= 2.10

3

GS= 2.66

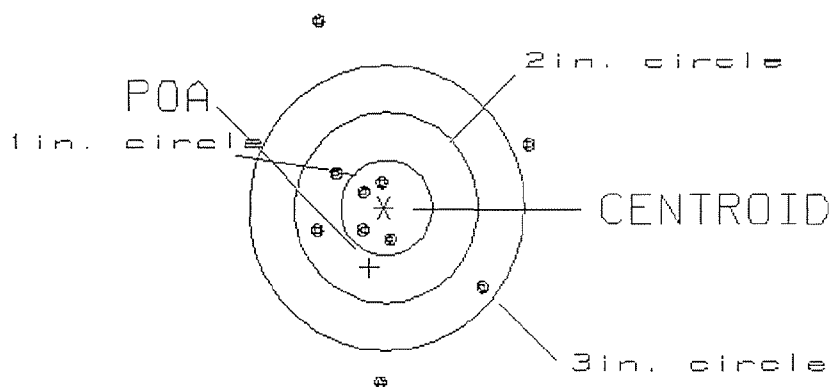
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .648
 MIN RADIUS : .252
 MEAN RADIUS : .956
 MAX RADIUS : 2.101
 CENTROID X : .152
 CENTROID Y : .630

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6350008.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.23

4

VS= 3.85

6

GS= 3.90

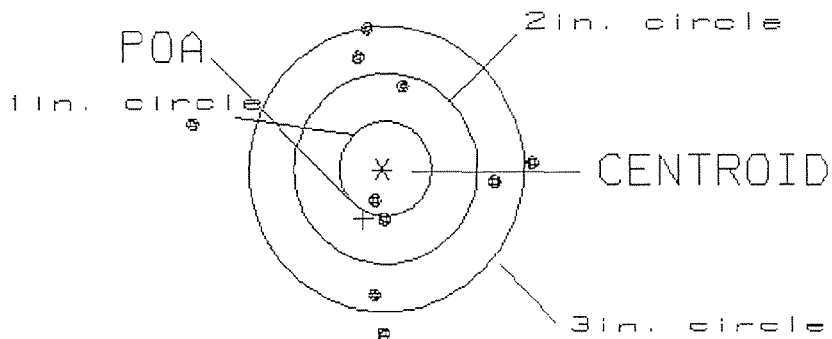
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PATTERN #: 5
 POA TO CENTROID: .569
 MIN RADIUS : .341
 MEAN RADIUS : 1.255
 MAX RADIUS : 2.190
 CENTROID X : .212
 CENTROID Y : .528

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6350000.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.75

1

VS= 3.15

3

GS= 3.77

7