

C6225136

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

BARBER - M24 0049746 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-15587

INITIAL CUSTOMER ORDER NO.

ATTN: FRED MARTIN M-24 W/10X-M3A SCOPE

FPS

DATE RECEIVED 07/21/93	DATE OPENED 07/21/93	DATE CODE EM 10-92	SERIAL NUMBER C6225136	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS		HARD CASE		SCOPE MNTS W/1 SWIVEL	SCOPE BASE

FROM:

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CUST NO: 059697 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049746

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	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 03		PD AUTHENTICATION <i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Consolidated Equip Pool</i>		B. LOCATION <i>Ft. Benning, GA 31905</i>			C. UNIT IDENT CODE <i>W04255</i>		
2. SERIAL NO. <i>C6225136</i>		3. EQUIPMENT NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1008 01 240 2136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>H</i>	8. UTILIZATION CODE <i>Q</i>	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS
									13. STARTS
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>See ATTACHED DA 2404</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	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE					
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)					22. Data Transcribed				
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools									
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)									
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									

BARBER - M24-0049750

ASAAW1 1005-01-240-2136 EA 00004 W33BQ9 3194-0102 CMBBAN MCZ

03

AWI AF 5145.00

Supply & Services Division Remington Arm Co. Inc.

Box 224

ATTN: Custom Shop

20580.00

Fort Benning, GA 31905-5182 14 Hoefler Ave.

Contract: #DAA21-87-G001

Elmton, NY 113357

3194 F 4

SN: C6225117, 35896620

C6225236, C6225131

REF: W33V5Z 3189-0001

Rifle 7.62 MM M24 (Sniper)

RT-3196

Bx
Contains

236

RT-3196

4

26

SHIP US REGISTERED

RETURN RECEIPT REQUESTED

PHILADELPHIA

SEP 27

FORM APPROVED, QMS, 10/1/85

DOO SINGLE USE, 10/1/85, 17, SECRET AT DOCUMENT

MAINTENANCE REQUEST				PAGE NO 1	NO OF PAGES 1	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 03	PD AUTHENTICATION <i>Surgeon Major</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Consol Equip Pool</i>		B. LOCATION <i>Ft. Benning GA 31905</i>		C. UNIT IDENT CODE <i>W04255</i>	
2. SERIAL NO. <i>66225136</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO.	5. MODEL <i>M24</i>	6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>4</i>	8. UTILIZATION CODE <i>Q</i>	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS
							13. STARTS
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	☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	
☐ B Handling	☐ D Normal Op	☐ F Inspection	☒ H Other	☐ 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>SEE ATTACHED DA 2404</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)	
B. LOCATION						19. AMS ACCT. CODE	
						☐ 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	H. PARTS COST
		(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 <i>Surgeon Major</i>		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	

BARBER - M24 0049793

DOC IDENT		FROM		FSC		NIN		ADD		QUANTITY		DOCUMENT NUMBER		REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		DISTRIBUTION		PROJECT		REC'D DATE		UNIT PRICE																																																																																											
A5ZAW1		1005-01-240-2135		EA		00003		W33BQ9		2276-0101		CMBBAN MGZ		03														5145.00																																																																																											
SHIPPED FROM										SHIP TO										MARK FOR										PROJECT										TOTAL PRICE																																																																															
Supply & Services Division										Remington Arms Co Inc																														DOLLARS										CTI																																																																					
Whse 224										ATTN: Custom Shop																																																																																																													
Fort Benning, GA 31905										14 Hoefer Ave																																																																																																													
										Ellion, NY 13357																				CONTRACT #DAA21-87-G001										5435.00																																																																															
WAREHOUSE LOCATION										TYPE OF CARGO										UNIT PACK										UNIT WEIGHT										UNIT CUBE										UFC										NMFC										FREIGHT RATE										DOCUMENT DATE										MAT COND										QUANTITY																			
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)										FREIGHT CLASSIFICATION NOMENCLATURE																				SN: B6896599, C6725136																																																																																									
										ITEM NOMENCLATURE																				C6225383																																																																																									
W										Rifle 7.62 MM M24 (Sniper)																																																																																																													
SELECTED BY AND DATE										TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE																																																																															
PACKED BY AND DATE										NO OF CONTAINER(S)										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION																																																																															
SHIP US REGISTERED										RETURN RECEIPT REQUESTED																																																																																																													
AA										CC										DD										EE																																																																																									
FIRST DESTINATION ADDRESS										DATE SHIPPED																																																																																																													
13 TRANSPORTATION CHARGEABLE TO										14 BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)										15 RECEIVER'S DOCUMENT NUMBER																																																																																																			

DD Form 1348-1, SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225136
4 Nov 1992

CENTROIDAL DISTANCES

0 TO	1	.130602
1 TO	2	.668887
1 TO	3	.533634
1 TO	4	.277683
1 TO	5	.180602

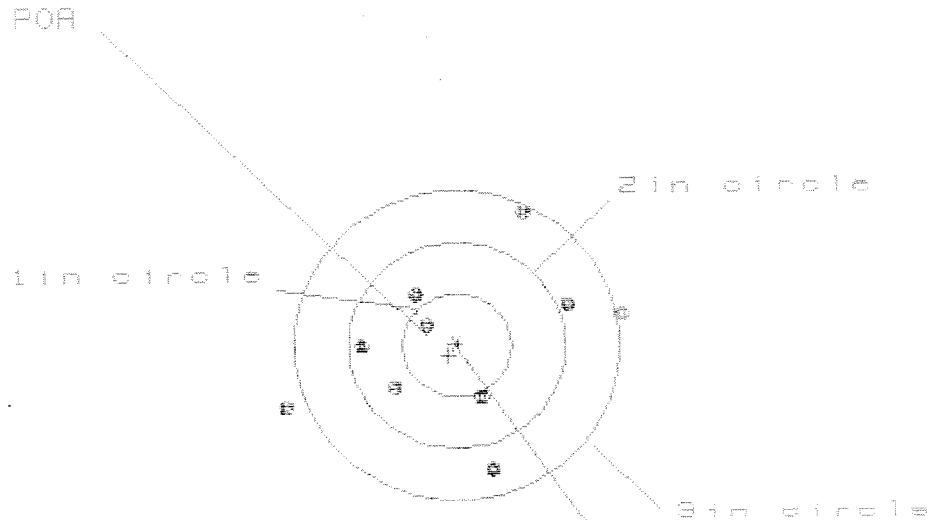
$\frac{0^2 + 1^2 + 2^2 + 3^2 + 4^2}{5}$
 $\leftarrow$ POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1618
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0496
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .169232
 THE AMR FOR THIS RIFLE IS: 1.026

4 Nov 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06225136

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.075

VS= 2.551

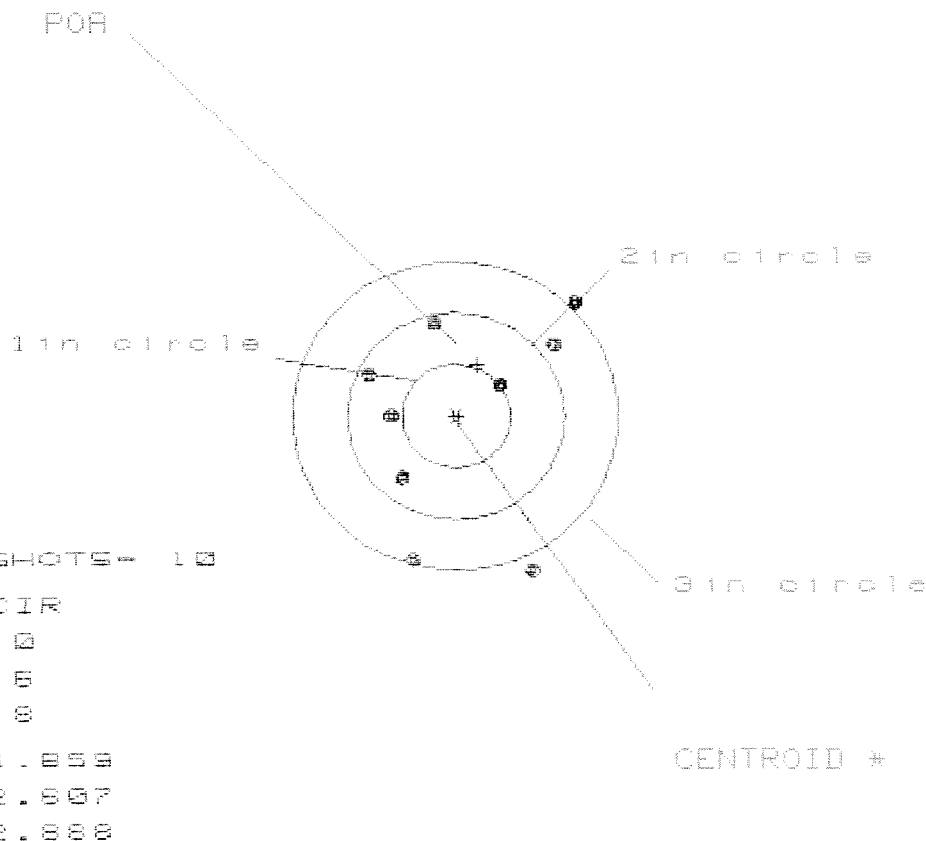
GS= 3.192

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.533	1.361	.979
MINIMUM X	-1.542	-1.051	-.880
MAXIMUM Y	1.330	1.264	1.289
MINIMUM Y	-1.222	-1.287	-1.262
CENTROID X	.079	.251	.080
CENTROID Y	.104	.169	.144
POA TO CENTROID in.	.130	.302	.165
MIN RADIUS	.356	.497	.340
MEAN RADIUS	1.017	.959	.871
MAX RADIUS	1.652	1.376	1.438
HORIZONTAL SPREAD	3.075	2.412	1.859
VERTICAL SPREAD	2.551	2.551	2.551
EXTREME SPREAD	3.193	2.566	2.566
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

4 Nov 1992

FILE:/PATTERNING/CENTERFIRE_PATT/CG225136

CENTERFIRE PATTERNS # 2

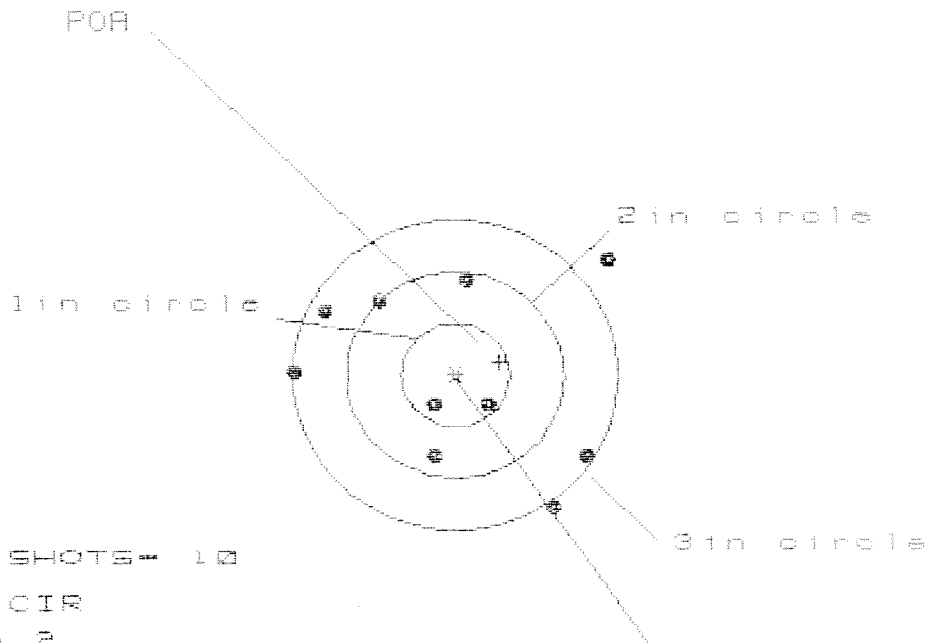


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.879	1.160	1.158
MINIMUM X	:	-.788	-.699	-.554
MAXIMUM Y	:	1.109	.943	.856
MINIMUM Y	:	-1.498	-1.522	-1.484
CENTROID X	:	-.282	-.283	-.428
CENTROID Y	:	-.503	-.337	-.455
POA TO CENTROID in.	:	.542	.440	.624
MIN RADIUS	:	.518	.500	.350
MEAN RADIUS	:	1.011	.905	.799
MAX RADIUS	:	1.667	1.561	1.418
HORIZONTAL SPREAD	:	1.859	1.859	1.712
VERTICAL SPREAD	:	2.607	2.465	2.260
EXTREME SPREAD	:	2.888	2.888	2.451
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

4 Nov 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225136

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.904

VS= 2.395

GS= 3.098

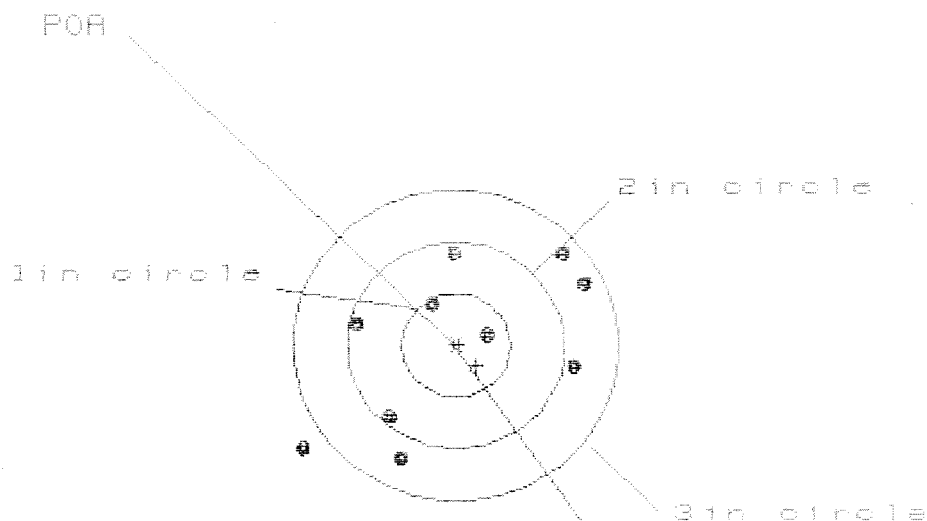
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.322	1.450
MINIMUM X	:	-1.532	-1.380	-1.252
MAXIMUM Y	:	1.133	1.004	.862
MINIMUM Y	:	-1.262	-1.136	-.792
CENTROID X	:	-.403	-.555	-.683
CENTROID Y	:	-.125	-.251	-.109
POA TO CENTROID in.	:	.421	.609	.691
MIN RADIUS	:	.286	.112	.280
MEAN RADIUS	:	1.097	.992	.931
MAX RADIUS	:	1.779	1.529	1.652
HORIZONTAL SPREAD	:	2.904	2.702	2.702
VERTICAL SPREAD	:	2.395	2.140	1.654
EXTREME SPREAD	:	3.098	2.827	2.827
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

4 May 1992

FILE:/PATTERNING/CENTERFIRE_PATT/08225136

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.621

VS= 2.053

GS= 3.060

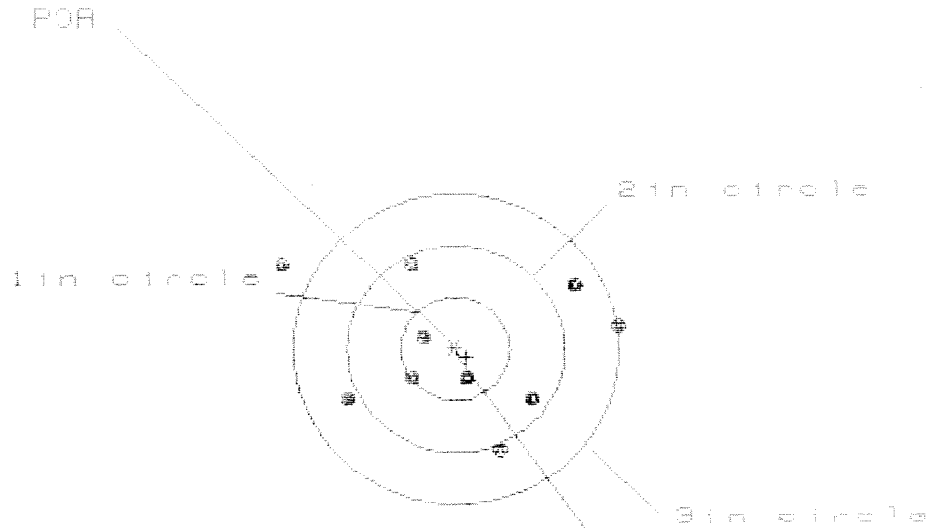
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.220
MINIMUM X	-1.401
MAXIMUM Y	.932
MINIMUM Y	-1.121
CENTROID X	-.183
CENTROID Y	.196
POA TO CENTROID in.	.268
MIN RADIUS	.305
MEAN RADIUS	1.029
MAX RADIUS	1.718
HORIZONTAL SPREAD	2.621
VERTICAL SPREAD	2.053
EXTREME SPREAD	3.060
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

4 Nov 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6225136

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 3.038

VS = 1.857

GS = 3.087

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.455
MINIMUM X	-1.583
MAXIMUM Y	.853
MINIMUM Y	-1.084
CENTROID X	-.100
CENTROID Y	.088
POA TO CENTROID in.	.128
MIN RADIUS	.324
MEAN RADIUS	.974
MAX RADIUS	1.771
HORIZONTAL SPREAD	3.038
VERTICAL SPREAD	1.857
EXTREME SPREAD	3.087
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6725136

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel RB		7/24/89	WB
620	Apply Coatings (Barrel Action)		7/23/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		7/27/89	JO

op. #	BARBER - M24 0049763 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/27/89	AC
	I) Firing Pin Indent							
	J) Assemble Stock						7/30/89	RW
	K) Assemble Swivel Studs						7/31/89	WB
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						8/2/89	JS
	A) Headspace							
	B) Trigger Pull	2.71	2.57	2.55	2.55	2.58	8/2/89	JS
	C) Function						8/2/89	JS
660	Pack						8/3/89	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225/36

DATE 27 July 89

TESTER J.W.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58		2.51	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57		2.51	2.57	
PULL #3	2.61		2.51	2.35	
PULL #4	2.60		2.50	2.55	
PULL #5	2.61		2.50	2.58	
TOTAL	12.97		12.53	12.96	
AVG.	2.594		2.506	2.592	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1				
PULL #2				
PULL #3				
PULL #4				
PULL #5				
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06			
PULL #2	4.04			
PULL #3	4.04			
PULL #4	3.96			
PULL #5	3.94			
TOTAL	20.04			
AVG.	4.008			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225136

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY 2	26	FB
600	PROOF 2	29	RW
615	MAGNAFLUX BARREL	5/13/88	R/R.
	MAGNAFLUX BOLT	5/13/88	R/R.
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/22/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/22/88	RW
	C) Inspect Ejector Hole for Chamfer		8/22/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/22/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake	2.60 2.49 2.40 2.57 2.03	22 Aug 88	J.U. + J.S.
	F) Safety on Force	6 5.75 6	22 Aug 88	J.U. + J.S.
	G) Safety off Force	2.5 2.5 2.5	22 Aug 88	J.U. + J.S.
	H) Trigger Pull Test & Retainability	2.65 2.40 2.52 2.48 2.58	22 Aug 88	J.U. + J.S.
	I) Firing Pin Indent	.0215 .0215 .0215	22 Aug 88	J.U. + J.S.
	J) Assemble Stock		8/24/88	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		9/6/88	RW
	M) Iron Sight Alignment		9/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/6/88	RW
	O) Attach Scope to Rifle		9/12/88	RW
	P) Detach & Attach Scope 20 times		9/12/88	W.B.
640	Gallery Target & Test	62 R 93L	9/16/88	D.H.
	A) Optical Clarity of Scope		9/16/88	W.B.
645	Inspect for Live Ammo		9/16/88	W.B.
655	Final Inspection			
	A) Headspace	OK	9/29/88	JY
	B) Trigger Pull	OK	9/29/88	JY
	C) Function	OK	9/29/88	JY
660	Pack		10-20-88	J.S.

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225136

CENTROIDAL DISTANCES

0 TO	1	1.48356
1 TO	2	1.62914
1 TO	3	1.14396
1 TO	4	.966741
1 TO	5	1.05503

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

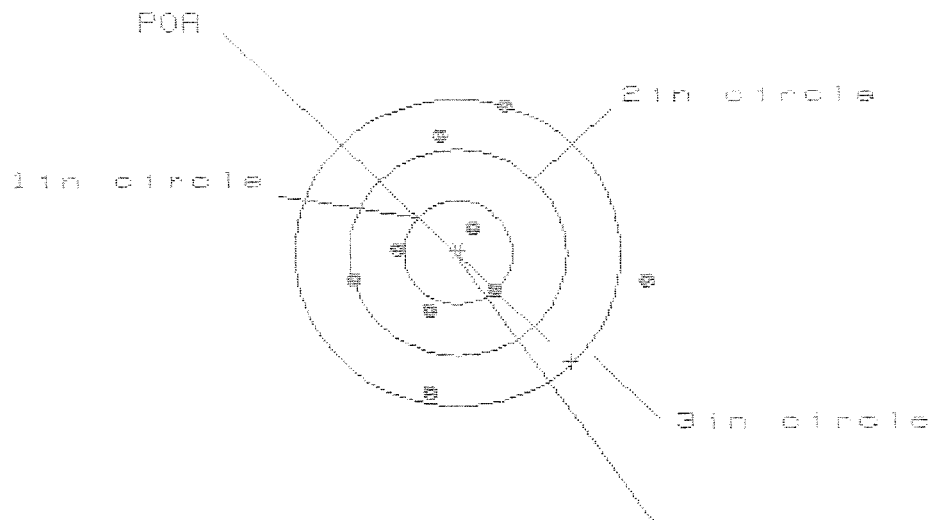
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6832
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7558
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.01882

THE AMR FOR THIS RIFLE IS: .969

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225136

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.596

VS= 2.758

GS= 2.849

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

1.781

-.915

1.427

-1.331

-1.048

1.058

1.484

.297

.932

1.804

2.696

2.758

2.849

10

1

6

9

.653

-.717

1.394

-1.364

-1.238

1.091

1.650

.376

.803

1.540

1.370

2.758

2.849

9

1

6

8

.660

-.636

1.237

-1.189

-1.319

.916

1.606

.337

.684

1.243

1.296

2.426

2.428

8

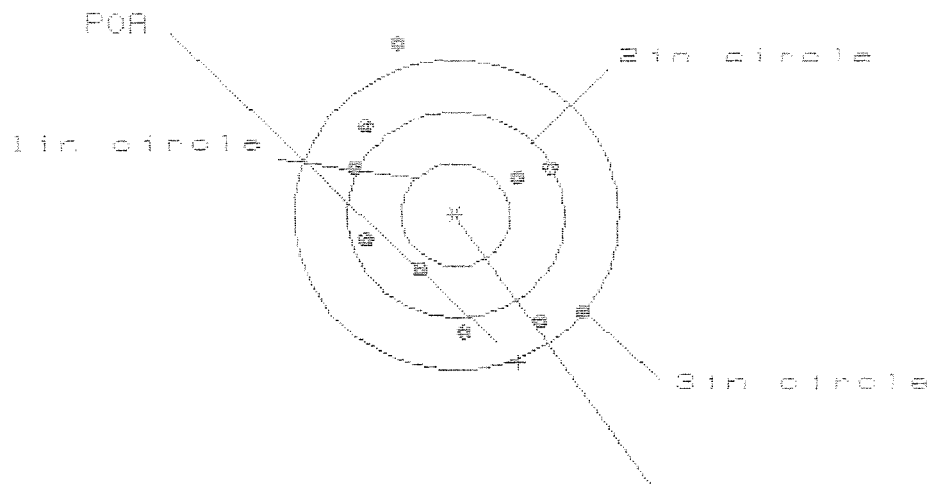
1

6

16 Sep 1965

FILE:/PATTERNING/CENTERFIRE_PATT/CS225136

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

CENTROID #

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.069

VS= 2.853

GS= 3.142

PATTERN #

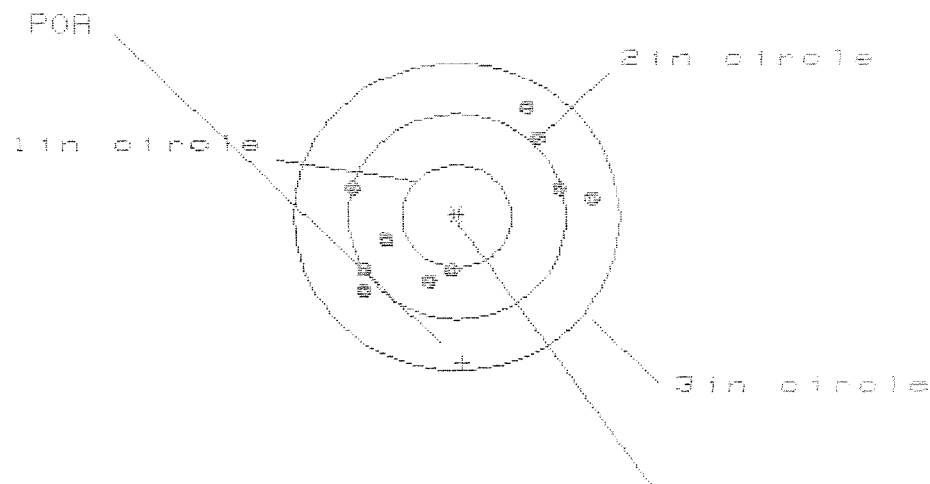
2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	1.086	.982
MINIMUM X	:	-.920	-.983	-.848
MAXIMUM Y	:	1.697	1.099	1.005
MINIMUM Y	:	-1.156	-.968	-1.061
CENTROID X	:	-.567	-.504	-.639
CENTROID Y	:	1.436	1.248	1.341
POA TO CENTROID in.	:	1.544	1.345	1.485
MIN RADIUS	:	.641	.541	.521
MEAN RADIUS	:	1.115	1.024	.974
MAX RADIUS	:	1.790	1.397	1.287
HORIZONTAL SPREAD	:	2.069	2.069	1.830
VERTICAL SPREAD	:	2.853	2.066	2.066
EXTREME SPREAD	:	3.142	2.682	2.525
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Sep 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C6225136

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

CENTROID #

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.202

VS= 1.839

QS= 2.374

PATTERN #

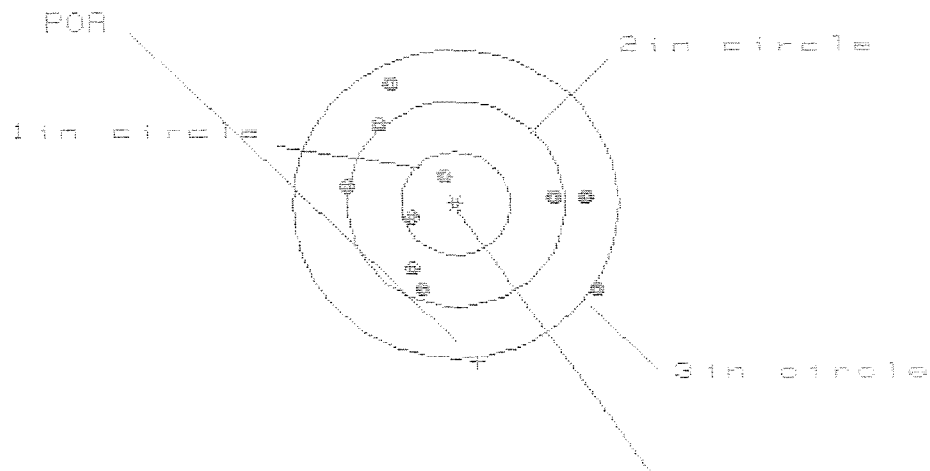
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	1.043	1.137
MINIMUM X	-.918	-.775	-.681
MAXIMUM Y	1.106	1.128	.935
MINIMUM Y	-.733	-.711	-.570
CENTROID X	-.044	-.187	-.281
CENTROID Y	1.425	1.403	1.262
POA TO CENTROID in.	1.425	1.415	1.293
MIN RADIUS	.533	.529	.433
MEAN RADIUS	.960	.897	.788
MAX RADIUS	1.299	1.357	1.374
HORIZONTAL SPREAD	2.202	1.818	1.818
VERTICAL SPREAD	1.839	1.839	1.505
EXTREME SPREAD	2.374	2.374	2.241
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

16 Sep 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C6225136

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

CENTROID *

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.309

VS= 2.064

GS= 2.765

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.332

1.359

1.304

MINIMUM X

-.977

-.829

-.884

MAXIMUM Y

1.183

1.093

.797

MINIMUM Y

-.881

-.971

-.834

CENTROID X

-.198

-.346

-.291

CENTROID Y

1.533

1.623

1.486

POA TO CENTROID in.

1.546

1.659

1.515

MIN RADIUS

.310

.234

.281

MEAN RADIUS

.945

.849

.805

MAX RADIUS

1.557

1.359

1.310

HORIZONTAL SPREAD

2.309

2.188

2.188

VERTICAL SPREAD

2.064

2.064

1.631

EXTREME SPREAD

2.765

2.188

2.188

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

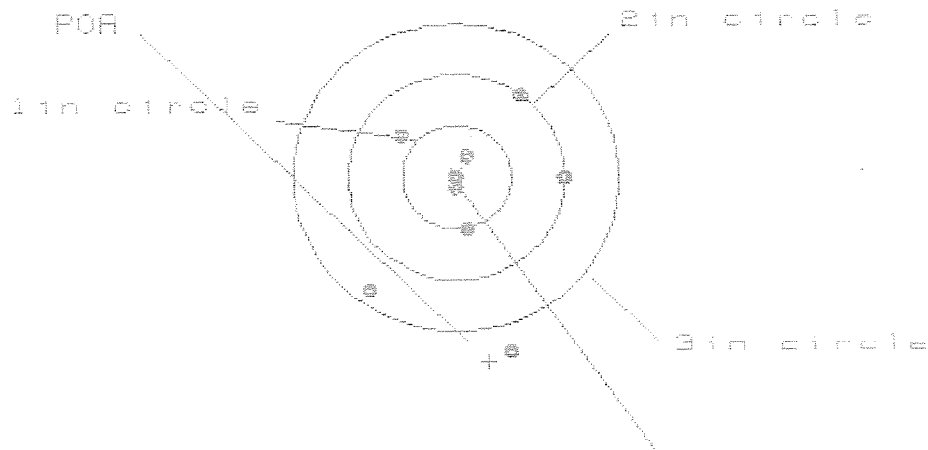
NUMBER IN THREE INCH CIRCLE =

9

18 Sep 1986

FILE:/PATTERNING/CENTERFIRE_PATT/06225136

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.910

VS= 3.721

GS= 3.991

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.979	.876	.927
MINIMUM X	-.931	-.957	-.906
MAXIMUM Y	2.055	1.004	.825
MINIMUM Y	-1.666	-1.438	-1.041
CENTROID X	-.289	-.186	-.237
CENTROID Y	1.799	1.571	1.750
POA TO CENTROID in.	1.822	1.582	1.766
MIN RADIUS	.022	.145	.054
MEAN RADIUS	.893	.758	.618
MAX RADIUS	2.256	1.495	1.380
HORIZONTAL SPREAD	1.910	1.833	1.833
VERTICAL SPREAD	3.721	2.442	1.866
EXTREME SPREAD	3.991	2.444	2.376
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225/36DATE 22 Aug 88TESTER J. J. + J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.41	2.65	2.87	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.49	2.52	2.94	
PULL #3	2.63	2.55	2.58	2.78	
PULL #4	2.49	2.41	2.40	2.50	
PULL #5	2.57	2.43	2.48	2.42	
TOTAL	12.89	12.29	12.63	13.51	
AVG.	2.578	2.458	2.526	2.702	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	2.69		
PULL #2	3.07	3.03		
PULL #3	3.04	3.01		
PULL #4	2.99	2.96		
PULL #5	3.06	3.04		
TOTAL	15.24	14.73		
AVG.	3.048	2.946		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.31		3.95
PULL #2	4.33	4.36		3.86
PULL #3	4.37	4.32		3.84
PULL #4	4.22	4.34		3.85
PULL #5	4.37	4.38		3.92
TOTAL	21.42	21.71		19.42
AVG.	4.284	4.342		3.884

BARBER - M24 0049776 RECEIVING AND ESTIMATING REPORT

INITIAL JJM		CUSTOMER ORDER NO.		COMMENTS SNIPER M-24 W/10X LEUPOLD SCOPE			
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225136	MODEL AND GRADE 9999 7.65 NATO		ORDER R 90-22051	
ACCESSORIES		SLING STRAP	W/STUDS	W/SWIVELS	HARD CASE		

FROM:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 31905-5173

SHIP TO:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA
31905-5173

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

REPAIR CHARGE						TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	--	--	--	--	--	-----	-----------	-----	-------------	-------

GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

WITH GUN

RD6925 REV. 6/88

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049776 M2400049815

MAINTENANCE REQUEST				PAGE NO. 1		NO. OF PAGES 1		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 03		PD AUTHENTICATION <i>Larry J. Meyer</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Weapons Pool Br</i> <i>MAINT DIV, DOL</i>			B. LOCATION <i>Bldg 9106</i> <i>FT. Benning, GA 31905</i>				C. UNIT IDENT CODE <i>WOU 255</i>		
2. SERIAL NO. <i>CG22A136</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>			4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>H</i>	8. UTILIZATION CODE <i>Q</i>	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS	
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	☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment		
☐ B Handling		☒ D Normal Op	☐ F Inspection	☐ H Other	☐ 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>Paint Peeling of Barrel, Stock Fibers wearing Through</i>											
B. REMARKS <i>Reconditioning Not Done - Rifle Checked & Repaired for Function Only - Remington Arms Co. Inc. of Hill</i>											
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	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
21. DELAY (Select One)					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools							\$		\$		
23. SUBMITTED BY <i>L. J. Meyer</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

BARBER - M24 0049778 RECEIVING AND ESTIMATING REPORT

COMMENTS

Scope #
1161

ORDER
R 95-16537

INITIAL JJM	CUSTOMER ORDER NO.		W/ULTRA 10X-M3A SCOPE M-24			
DATE RECEIVED 06/13/95	DATE OPENED 06/14/95	DATE CODE EM 10-92	SERIAL NUMBER C6225136	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE		

FROM:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

CUST NO: 080509 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	------------	-----------	------------

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.	New Barrel			D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Barrel Shot Out

PARTS	COMMENTS
Barrel - 96003	Re powder Coat Trigger Guard Assy, Front & Rear Sight Bases Relzinc Scope Base, Rings & Survival Studs
W524095176#235	
REPAIRMAN RW	PROOF L
GALLERY TESTER RW	DATE 6/21/95
	CLEAN L
	TEST L
	TARGET L
	PATTERN
	DATE 6/24/95
	DATE 6/27/95
	DATE 6/27/95

OFFICE COPY

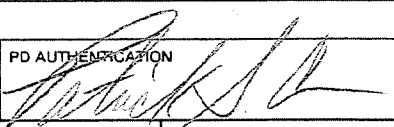
RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049778 49817

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

MAINTENANCE REQUEST				PAGE NO. 1	NO OF PAGES 1	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 03	PD AUTHENTICATION 	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION C Co.2/29 IN.REGT. HSASS		B. LOCATION FT.BENNING GA. 31905		C. UNIT IDENT CODE	
2. SERIAL NO. 66225136		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO. R95387	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005012402136	
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS
							13. STARTS
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).							
SEE ATTACHED DA 2404							
B. REMARKS							
POC CPL ALLEN 706-544-6693/6006							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
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)
JULIAN DATE	JULIAN DATE	JULIAN DATE		JULIAN DATE	JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged

Final Inspection

Sn: (6225136

DATE REC'D: 6/13/95

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ Screws☒ Finish☒ Looseness☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ Scope Case☒ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SETComments: Trigger Adjusted
outside of factory

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225/36

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/21/95	RW
600	Proof		6/21/95	RW
607	Check Headspace		6/21/95	RW
610	Dis-assemble Gun		6/21/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/24/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/24/95	RW
	C) Inspect Ejector Hole for Chamfer		6/24/95	RW
	D) Oil Firing Pin Ass'y		6/24/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0049783 OP. NAME	READINGS C6725136	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		6/27/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		6/27/95	RW
655	Final Inspection			
	A) Headspace		6/27/95	RW
	B) Trigger Pull		6/27/95	RW
	C) Function		6/27/95	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # *06225/36*
11 Jul 1995

CENTROIDAL DISTANCES

0 TO	1	.256457
1 TO	2	.210535
1 TO	3	.805029
1 TO	4	.432634
1 TO	5	.678106

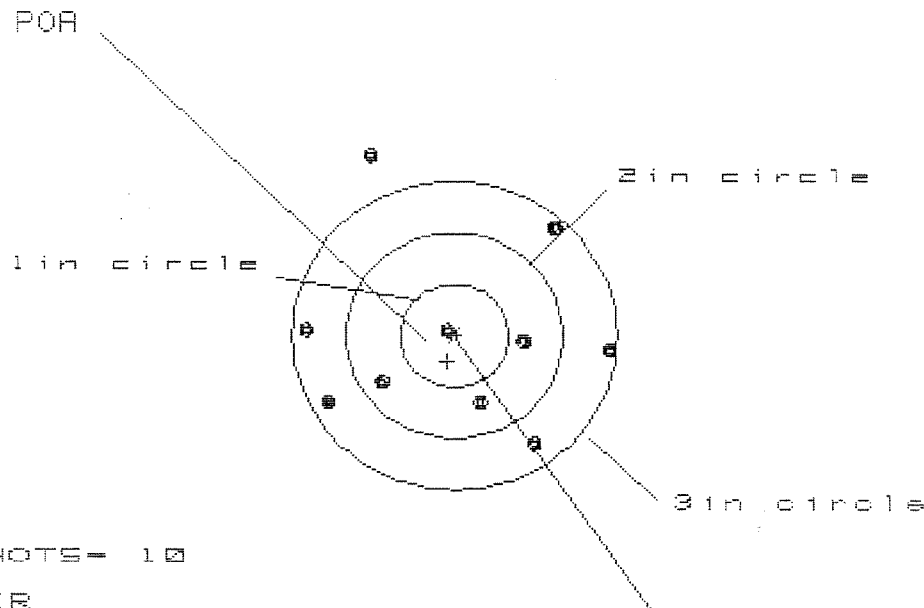

 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .022
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1582
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159722
 THE AMR FOR THIS RIFLE IS: .9892

01 Jul 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225136

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.810

VS= 2.791

GS= 3.185

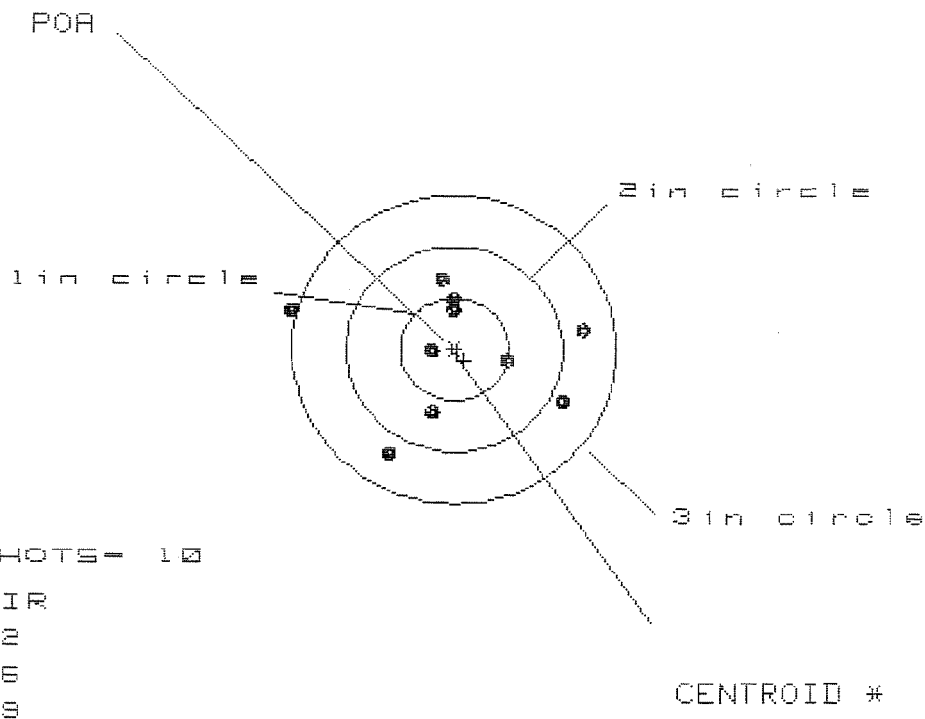
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.462	1.375	1.007
MINIMUM X	:	-1.347	-1.435	-1.263
MAXIMUM Y	:	1.780	1.229	1.232
MINIMUM Y	:	-1.011	-.813	-.810
CENTROID X	:	.069	.156	-.016
CENTROID Y	:	.247	.049	.046
POA TO CENTROID in.	:	.256	.163	.049
MIN RADIUS	:	.093	.308	.278
MEAN RADIUS	:	1.090	.976	.918
MAX RADIUS	:	1.946	1.486	1.591
HORIZONTAL SPREAD	:	2.810	2.810	2.270
VERTICAL SPREAD	:	2.791	2.042	2.042
EXTREME SPREAD	:	3.185	2.821	2.622
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



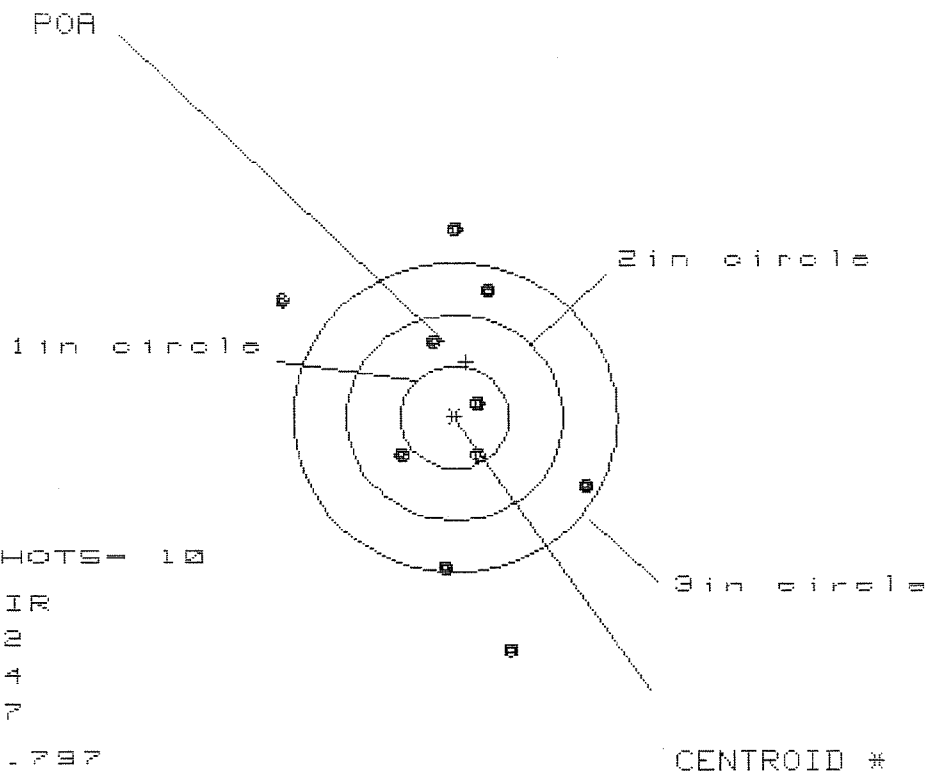
HS= 2.702
 VS= 1.695
 GS= 2.749

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	.979	.965
MINIMUM X	:	-1.550	-.733	-.610
MAXIMUM Y	:	.725	.773	.799
MINIMUM Y	:	-.970	-.922	-.895
CENTROID X	:	-.090	.082	-.041
CENTROID Y	:	.109	.061	.034
POA TO CENTROID in.	:	.142	.102	.053
MIN RADIUS	:	.209	.341	.262
MEAN RADIUS	:	.804	.715	.667
MAX RADIUS	:	1.610	1.178	1.084
HORIZONTAL SPREAD	:	2.702	1.712	1.575
VERTICAL SPREAD	:	1.695	1.695	1.695
EXTREME SPREAD	:	2.749	2.054	1.752
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.797

VS= 4.158

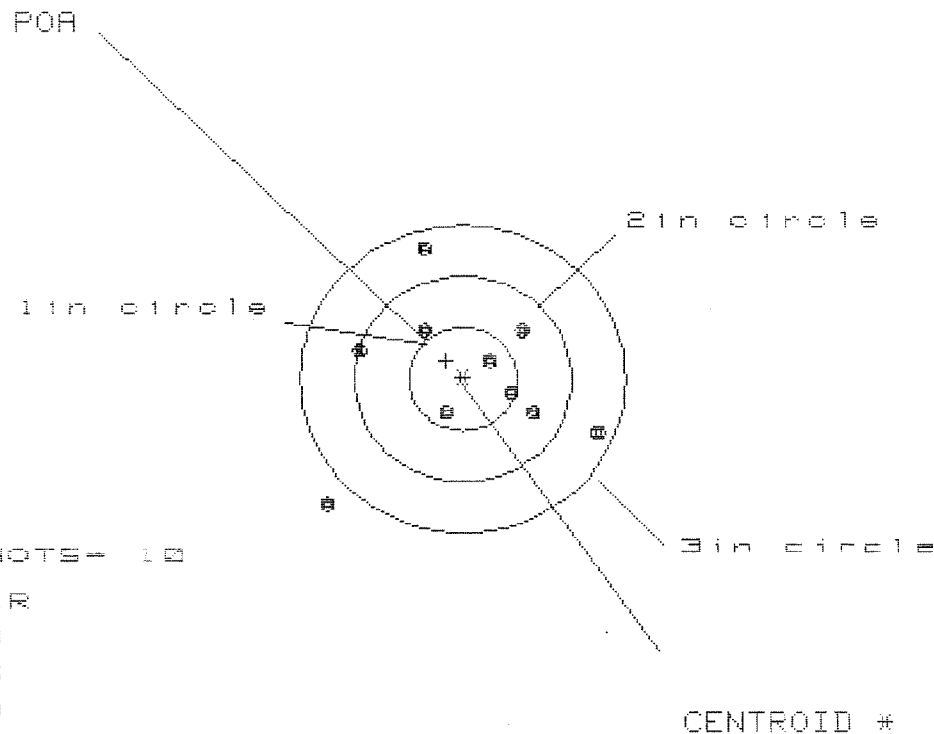
GS= 4.179

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.235	1.285	1.096
MINIMUM X	-1.562	-1.512	-.624
MAXIMUM Y	1.866	1.611	1.717
MINIMUM Y	-2.292	-1.679	-1.573
CENTROID X	-.105	-.155	.034
CENTROID Y	-.539	-.284	-.390
POA TO CENTROID in.	.549	.324	.391
MIN RADIUS	.210	.266	.051
MEAN RADIUS	1.214	1.085	.970
MAX RADIUS	2.337	1.731	1.720
HORIZONTAL SPREAD	2.797	2.797	1.720
VERTICAL SPREAD	4.158	3.290	3.290
EXTREME SPREAD	4.179	3.292	3.292
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.545

VS= 2.432

GS= 2.629

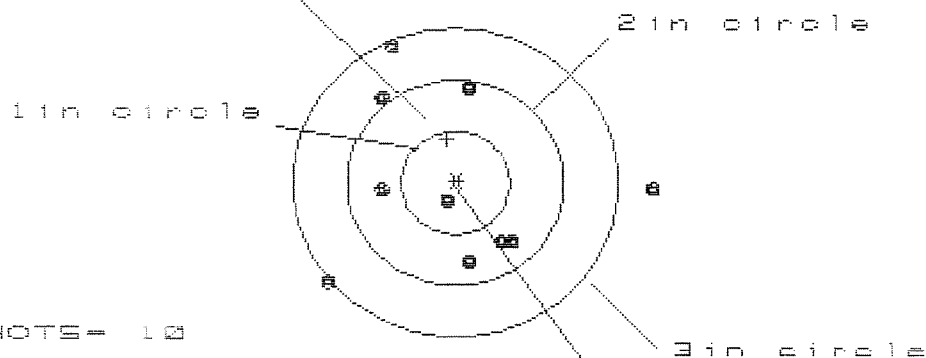
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.286	1.146	.601
MINIMUM X	:	-1.259	-1.114	-.970
MAXIMUM Y	:	1.231	1.097	1.013
MINIMUM Y	:	-1.201	-.674	-.579
CENTROID X	:	.155	.295	.152
CENTROID Y	:	-.177	-.043	.041
POA TO CENTROID in.	:	.235	.298	.157
MIN RADIUS	:	.286	.108	.261
MEAN RADIUS	:	.850	.722	.662
MAX RADIUS	:	1.740	1.330	1.089
HORIZONTAL SPREAD	:	2.545	2.260	1.572
VERTICAL SPREAD	:	2.432	1.771	1.592
EXTREME SPREAD	:	2.629	2.447	1.881
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.018

VS= 2.331

GS= 3.154

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.842	.766	.645
MINIMUM X	:	-1.176	-.971	-.562
MAXIMUM Y	:	1.380	1.376	1.257
MINIMUM Y	:	-.951	-.955	-.878
CENTROID X	:	.081	-.124	-.003
CENTROID Y	:	-.431	-.427	-.308
POR TO CENTROID in.	:	.438	.445	.308
MIN RADIUS	:	.184	.238	.302
MEAN RADIUS	:	.988	.884	.826
MAX RADIUS	:	1.843	1.419	1.341
HORIZONTAL SPREAD	:	3.018	1.737	1.207
VERTICAL SPREAD	:	2.331	2.331	2.135
EXTREME SPREAD	:	3.154	2.413	2.248
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	