

C6225440

MODEL 700™ M24

Model **700 M24™**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6275440

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 <i>RB</i>		<i>7/24/89</i>	<i>WLB</i>
620	Apply Coatings (Barrel Action)		<i>7/25/89</i>	<i>TA</i>
	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		<i>7/26/89</i>	<i>fc</i>

op. #	BARBER - M24 0060827 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/21/89	JO
	I) Firing Pin Indent							
	J) Assemble Stock						7/21/89	RW
	K) Assemble Swivel Studs						7/21/89	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	2.78	2.70	2.75	2.65	2.61	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. C6225440

DATE 31 July 89

TESTER J. W.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55		2.57	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53		2.56	2.70	
PULL #3	2.68		2.64	2.75	
PULL #4	2.55		2.63	2.65	
PULL #5	2.55		2.53	2.61	
TOTAL	12.86		12.93	13.49	
AVG.	2.572		2.586	2.698	

	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	4.62			
PULL #2	4.86			
PULL #3	3.98			
PULL #4	4.02			
PULL #5	4.06			
TOTAL	21.54			
AVG.	4.308			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225440

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

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225440

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		8/26/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/26/88	RW
	C) Inspect Ejector Hole for Chamfer		8/26/88	RW

OVER

C-622 5440

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/26/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		26 Aug 88	W.B. + J.S.
	F) Safety on Force	7.75 7.75 8	26 Aug 88	W.B. + J.S.
	G) Safety off Force	2.75 3 3	26 Aug 88	W.B. + J.S.
	H) Trigger Pull Test & Retainability		Aug 26 88	W.B. + J.S.
	I) Firing Pin Indent	.023 .022 .023	26 Aug 88	W.B. + J.S.
	J) Assemble Stock		9/27/88	RW
	K) Assemble Swivel Studs		10-10-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/27/88	RW
	M) Iron Sight Alignment		9/27/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/27/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10-4-88	J.S.
640	Gallery Target & Test	64 R 91L	10/7/88	DH
	A) Optical Clarity of Scope		10/7/88	J.U.
645	Inspect for Live Ammo		10/7/88	J.U.
655	Final Inspection			
	A) Headspace		10-10-88	J.S.
	B) Trigger Pull		10-10-88	J.S.
	C) Function		10-10-88	J.S.
660	Pack		10-21-88	J.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225440

DATE 26 Aug 88

TESTER WB. L. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.07	2.19	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.02	2.20	2.76	
PULL #3	2.28	2.12	2.09	2.74	
PULL #4	2.22	2.08	2.18	2.73	
PULL #5	2.24	2.10	2.16	2.75	
TOTAL	11.74	10.39	10.72	13.65	
AVG.	2.348	2.078	2.144	2.73	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.12		
PULL #2	3.18	3.17		
PULL #3	3.17	3.19		
PULL #4	3.23	3.19		
PULL #5	3.22	3.07		
TOTAL	16.02	15.74		
AVG.	3.204	3.148		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.20		4.12
PULL #2	4.37	4.26		4.24
PULL #3	4.32	4.35		4.18
PULL #4	4.40	4.30		4.24
PULL #5	4.43	4.34		4.18
TOTAL	21.75	21.45		20.96
AVG.	4.35	4.29		4.192

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225440

CENTROIDAL DISTANCES

0 TO	1	1.18979
1 TO	2	.750187
1 TO	3	.260486
1 TO	4	.0509902
1 TO	5	.818235

2 5+ <----POA
3#

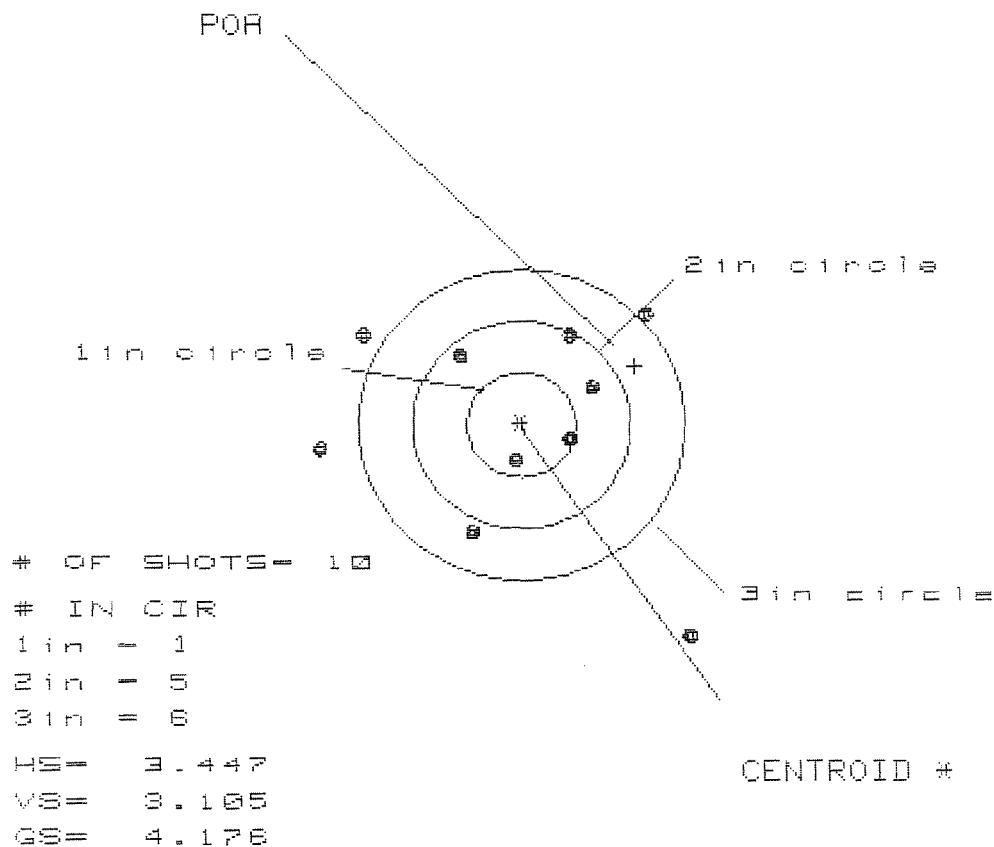
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.9264
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.304
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .975004
THE AMR FOR THIS RIFLE IS: 1.006

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440

CENTERFIRE PATTERNS

1

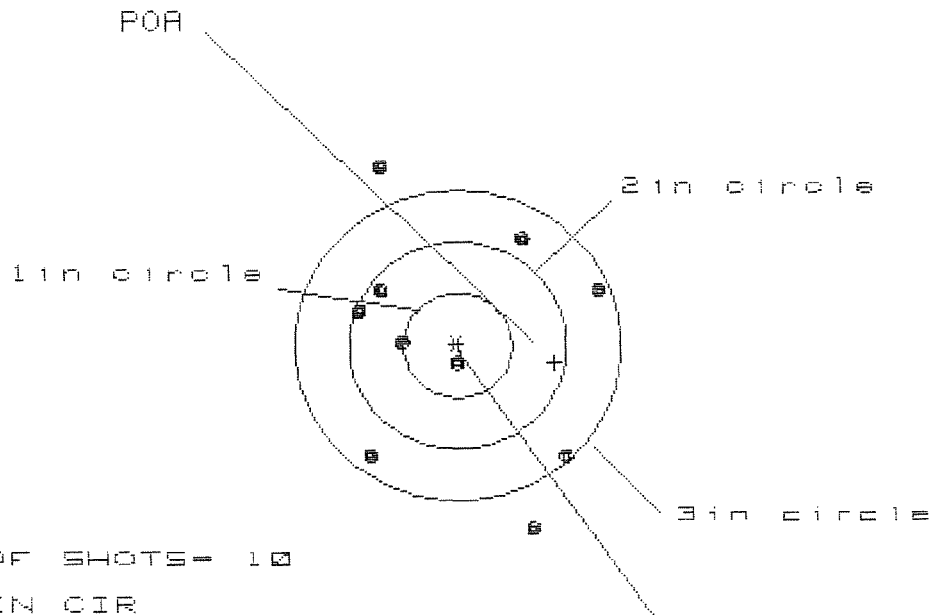


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.557	1.364	1.149
MINIMUM X	-1.890	-1.717	-1.486
MAXIMUM Y	1.063	.837	.776
MINIMUM Y	-2.042	-1.221	-1.282
CENTROID X	-1.046	-1.219	-1.004
CENTROID Y	-.567	-.340	-.279
POA TO CENTROID in.	1.189	1.265	1.042
MIN RADIUS	.320	.560	.686
MEAN RADIUS	1.224	1.075	.950
MAX RADIUS	2.567	1.785	1.593
HORIZONTAL SPREAD	3.447	3.081	2.635
VERTICAL SPREAD	3.105	2.058	2.058
EXTREME SPREAD	4.176	3.353	2.643
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225440

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS = 2.227

VS = 3.463

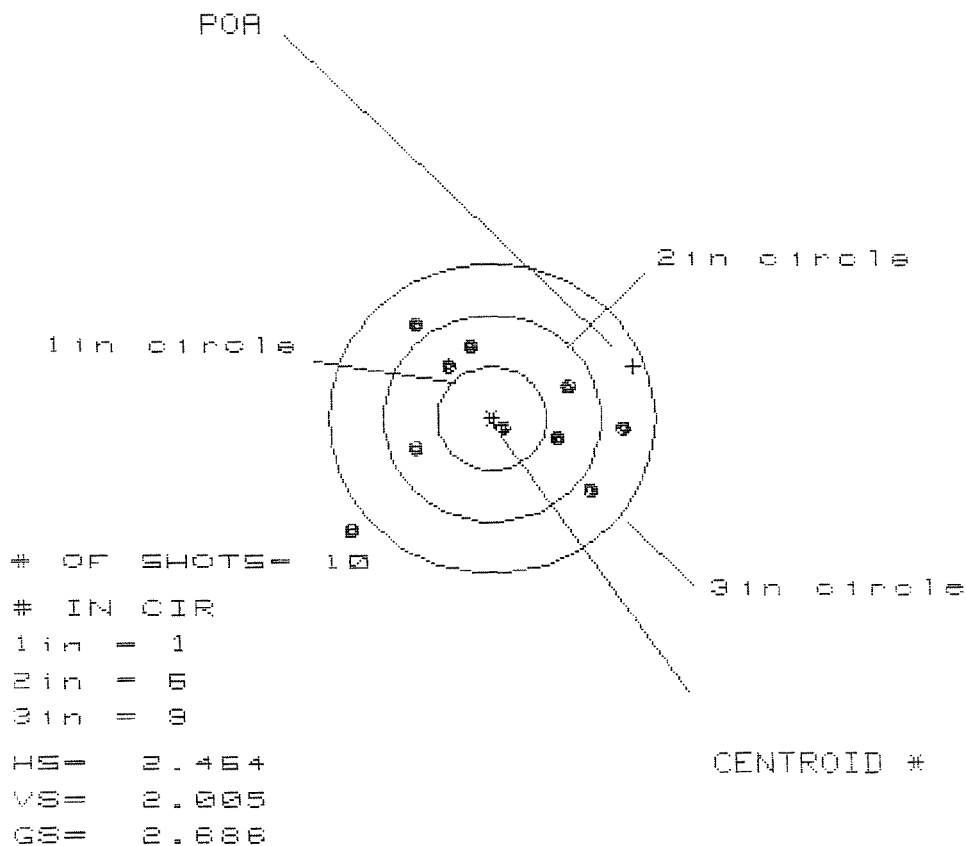
GS = 3.726

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.279	1.358	1.284
MINIMUM X	-.948	-.869	-.943
MAXIMUM Y	1.695	1.498	1.038
MINIMUM Y	-1.768	-1.301	-1.113
CENTROID X	-.891	-.970	-.896
CENTROID Y	.167	.364	.176
POA TO CENTROID in.	.906	1.036	.914
MIN RADIUS	.206	.412	.216
MEAN RADIUS	1.179	1.084	1.007
MAX RADIUS	1.906	1.698	1.508
HORIZONTAL SPREAD	2.227	2.227	2.227
VERTICAL SPREAD	3.463	2.799	2.151
EXTREME SPREAD	3.726	3.263	2.605
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440

CENTERFIRE PATTERNS # 3



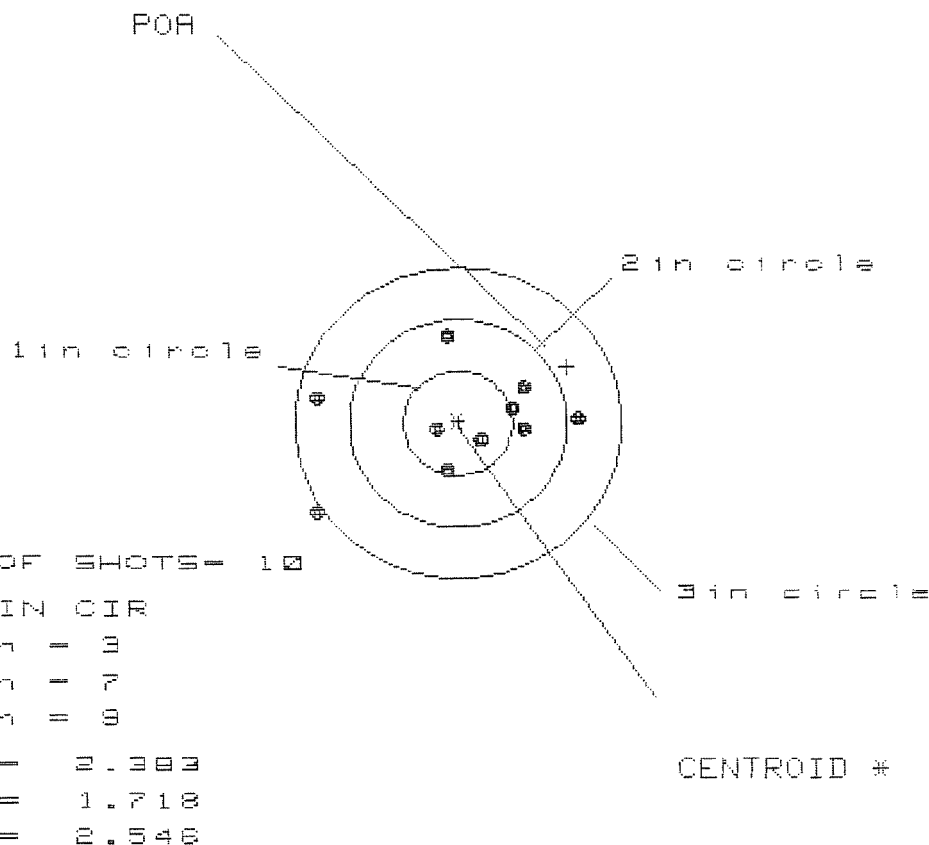
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.152
MINIMUM X	-1.312
MAXIMUM Y	.889
MINIMUM Y	-1.116
CENTROID X	-1.299
CENTROID Y	-.505
POA TO CENTROID in.	1.394
MIN RADIUS	.119
MEAN RADIUS	.873
MAX RADIUS	1.722
HORIZONTAL SPREAD	2.464
VERTICAL SPREAD	2.005
EXTREME SPREAD	2.686
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440

CENTERFIRE PATTERNS

4

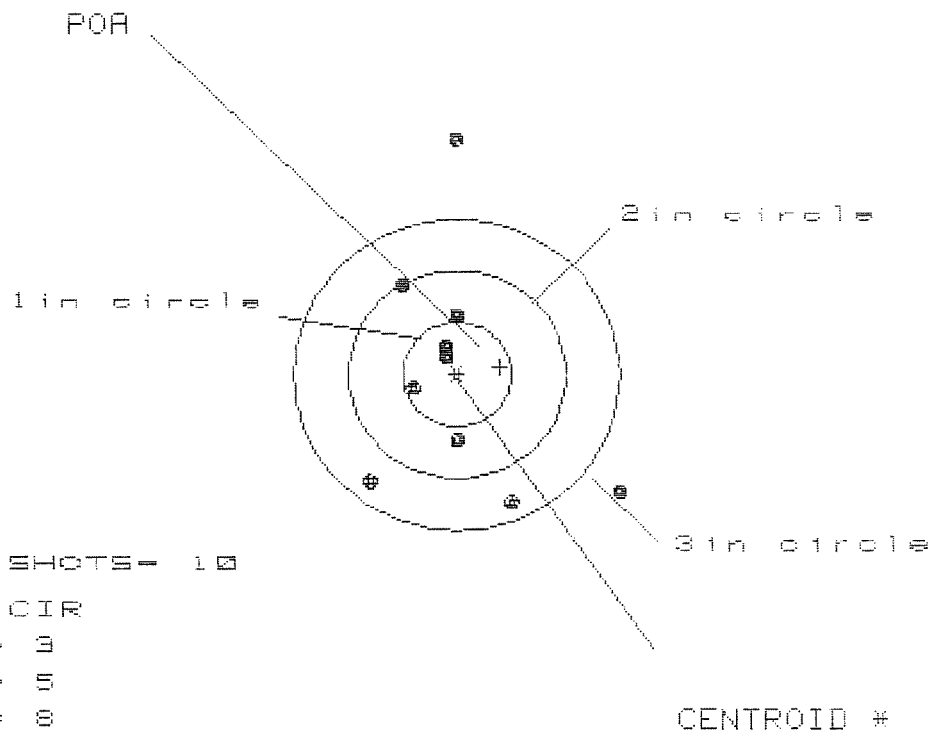


PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.057
MINIMUM X	-1.326
MAXIMUM Y	.854
MINIMUM Y	-.864
CENTROID X	-1.000
CENTROID Y	-.545
POA TO CENTROID in.	1.139
MIN RADIUS	.227
MEAN RADIUS	.753
MAX RADIUS	1.583
HORIZONTAL SPREAD	2.383
VERTICAL SPREAD	1.718
EXTREME SPREAD	2.546
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

7 Oct 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.352

VS= 3.553

GS= 3.718

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.509	1.508	.648
MINIMUM X	:	-.843	-.844	-.656
MAXIMUM Y	:	2.303	1.128	1.024
MINIMUM Y	:	-1.250	-.995	-1.099
CENTROID X	:	-.396	-.395	-.583
CENTROID Y	:	-.070	-.326	-.222
POA TO CENTROID in.	:	.402	.512	.624
MIN RADIUS	:	.144	.385	.247
MEAN RADIUS	:	1.003	.875	.722
MAX RADIUS	:	2.303	1.723	1.276
HORIZONTAL SPREAD	:	2.352	2.352	1.304
VERTICAL SPREAD	:	3.553	2.123	2.123
EXTREME SPREAD	:	3.718	2.815	2.334
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225440

CENTROIDAL DISTANCES

0 TO	1	.63307
1 TO	2	.467454
1 TO	3	1.21753
1 TO	4	1.08161
1 TO	5	1.65437

$\bar{x}^1$ <----POA
5
5

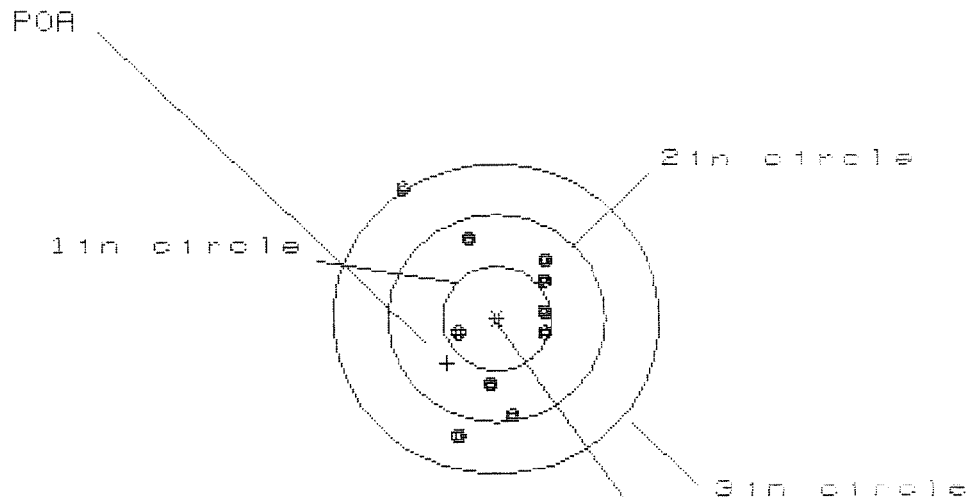
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3784
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4878
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .550906
THE AMR FOR THIS RIFLE IS: 1.065

INTERCHANGEABILITY

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225440.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS- 1.368

VS- 2.423

GS- 2.469

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.489	.391	.328
MINIMUM X	-.879	-.505	-.474
MAXIMUM Y	1.266	.902	.775
MINIMUM Y	-1.157	-1.017	-.875
CENTROID X	.459	.557	.620
CENTROID Y	.436	.296	.423
POA TO CENTROID in.	.633	.630	.750
MIN RADIUS	.364	.352	.246
MEAN RADIUS	.767	.658	.579
MAX RADIUS	1.541	1.135	.875
HORIZONTAL SPREAD	1.368	.896	.802
VERTICAL SPREAD	2.423	1.919	1.650
EXTREME SPREAD	2.469	1.929	1.694
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440.1

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 3.178

VS = 1.856

GS = 3.222

CENTROID *

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.214
MINIMUM X	:	-1.964
MAXIMUM Y	:	.772
MINIMUM Y	:	-1.084
CENTROID X	:	.076
CENTROID Y	:	.168
POA TO CENTROID in.	:	.185
MIN RADIUS	:	.423
MEAN RADIUS	:	.952
MAX RADIUS	:	2.045
HORIZONTAL SPREAD	:	3.178
VERTICAL SPREAD	:	1.856
EXTREME SPREAD	:	3.222
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440.1

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 2.452

VS = 2.301

GS = 2.650

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.569	1.165	1.181
MINIMUM X	:	-.883	-.709	-.693
MAXIMUM Y	:	1.349	1.354	.613
MINIMUM Y	:	-.953	-.947	-.777
CENTROID X	:	.423	.249	.233
CENTROID Y	:	-.781	-.787	-.957
POA TO CENTROID in.	:	.889	.826	.985
MIN RADIUS	:	.504	.363	.391
MEAN RADIUS	:	.907	.795	.724
MAX RADIUS	:	1.570	1.360	1.202
HORIZONTAL SPREAD	:	2.452	1.874	1.874
VERTICAL SPREAD	:	2.301	2.301	1.391
EXTREME SPREAD	:	2.650	2.447	1.954
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225448.1

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 2

3 in = 6

IS= 2.662

VS= 5.915

GS= 6.161

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.111	1.212
MINIMUM X	:	-1.460	-1.551	-1.450
MAXIMUM Y	:	4.130	1.855	1.689
MINIMUM Y	:	-1.785	-1.326	-1.388
CENTROID X	:	.494	.585	.483
CENTROID Y	:	-1.218	-1.677	-1.511
POA TO CENTROID in.	:	1.314	1.776	1.586
MIN RADIUS	:	.325	.155	.040
MEAN RADIUS	:	1.592	1.217	1.160
MAX RADIUS	:	4.211	1.888	1.749
HORIZONTAL SPREAD	:	2.662	2.662	2.662
VERTICAL SPREAD	:	5.915	3.181	3.077
EXTREME SPREAD	:	6.161	3.238	3.238
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

1388

FILE:/PATTERNING/CENTERFIRE_PATT/C6829440.1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS = 3.553

VS = 2.825

GS = 3.889

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.880
MINIMUM X	-1.673
MAXIMUM Y	1.517
MINIMUM Y	-1.308
CENTROID X	.400
CENTROID Y	-.644
POA TO CENTROID in.	.758
MIN RADIUS	.211
MEAN RADIUS	1.108
MAX RADIUS	2.058
HORIZONTAL SPREAD	3.553
VERTICAL SPREAD	2.825
EXTREME SPREAD	3.889
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	7

RECEIVING AND ESTIMATING REPORT

COMMENTS

INITIAL CUSTOMER ORDER NO.

SNIPER M-24 W/10X LEUPOLD SCOPE

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
08/08/90	08/16/90		C6225440	9999 7.65 NATO	R 90-22035

ACCESSORIES

SLING STRAP W/STUDS W/SWIVELS HARD CASE

FROM: SHIP TO:

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

PARTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 6/88

WITH GUN

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060845 0060845

MAINTENANCE REQUEST						PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						1	1	CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION WEAPONS POOL B - MAINT DIV, DOL		B LOCATION Bldg 9106 FT. BENNING G-31905		C. UNIT IDENT CODE W04255					
2. SERIAL NO. C6225440		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-236			
7A. MAINTENANCE ACTIVITY		B. LEVEL H	8. UTILIZATION CODE Q	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) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 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). Paint Peeling OFF Barrel, Stock missing Fibers wearing through Reconditioning Not Done - Rifle Checked & Repairs for Function Only - Remington Arms Co. J.D. Hill											
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) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor			19. AMS ACCT. CODE			
B. LOCATION											
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) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools					22. Data Transcribed						
23. SUBMITTED BY Signature		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			

88299.

[illegible]

RECEIVING AND ESTIMATING REPORT

BARBER M24-0060848

COMMENTS

ORDER
R 95-06916

M24 W/ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT

INITIAL FPS	CUSTOMER ORDER NO.		DATE RECEIVED 02/24/95		DATE OPENED 02/24/95	DATE CODE KI 5-88	SERIAL NUMBER C6225440	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES		SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE		W/1 STUD, SWIVEL			

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.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					R649329022

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			E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Re Barrel

PARTS	COMMENTS
Barrel - 96003	Repowder Coat - Trigger Guard
Stock - 96018	Assy, Front & Rear Sight Bases
Trigger Assy - 96024	Rezhine - Scope Base, Rings, Swivels & Swivel Studs
	Trigger Adjusted & Broken outside of Factory
REPAIRMAN	PROOF
RW	L
GALLERY TESTER	DATE
RW	3/1/95
CLEAN	DATE
L	3/20/95
TEST	DATE
L	3/20/95
TARGET	DATE
L	3/20/95
PATTERN	DATE
	3/20/95

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060848

REGISTERED MAIL

R 649 329 022

NMP COPY 2

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C 6225440

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	RW
600	Proof		3/1/95	RW
607	Check Headspace		3/1/95	RW
610	Dis-assemble Gun		3/1/95	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		3/20/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/95	RW
	C) Inspect Ejector Hole for Chamfer		3/20/95	RW
	D) Oil Firing Pin Ass'y		3/20/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP NAME BARBER - M24 0060852	READINGS					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						3/24/95	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						3/24/95	RW
655	Final Inspection							
	A) Headspace						3/22/95	RW
	B) Trigger Pull	2.55	2.62	2.60	2.66	2.69	3/22/95	RW
	C) Function						3/22/95	RW
660	Pack							

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225440DATE 3/20/95TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.65	2.69	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.59	2.43	
PULL #3	2.71	2.63	2.73	
PULL #4	2.74	2.64	2.70	
PULL #5	2.72	2.58	2.71	
TOTAL	13.49	13.13	13.30	
AVG.	2.70	2.63	2.66	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.26		
PULL #2	3.24	3.18		
PULL #3	3.19	3.17		
PULL #4	3.27	3.23		
PULL #5	3.06	3.22		
TOTAL	15.96	16.06		
AVG.	3.19	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.12		4.01
PULL #2	4.05	4.11		4.02
PULL #3	4.09	4.14		4.08
PULL #4	4.01	4.04		4.00
PULL #5	4.07	4.12		4.05
TOTAL	20.31	20.53		20.16
AVG.	4.06	4.11		4.03

Final Inspection

Sn: C622544B

DATE REC'D: 2/24/95

DATE RET'D:

Auditor: AW

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
- ☒ SET

Comments: Trigger Adjusted
& Broken outside of
Factory

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225440
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.591801
1 TO	2	.205139
1 TO	3	.854414
1 TO	4	.856804
1 TO	5	.75621

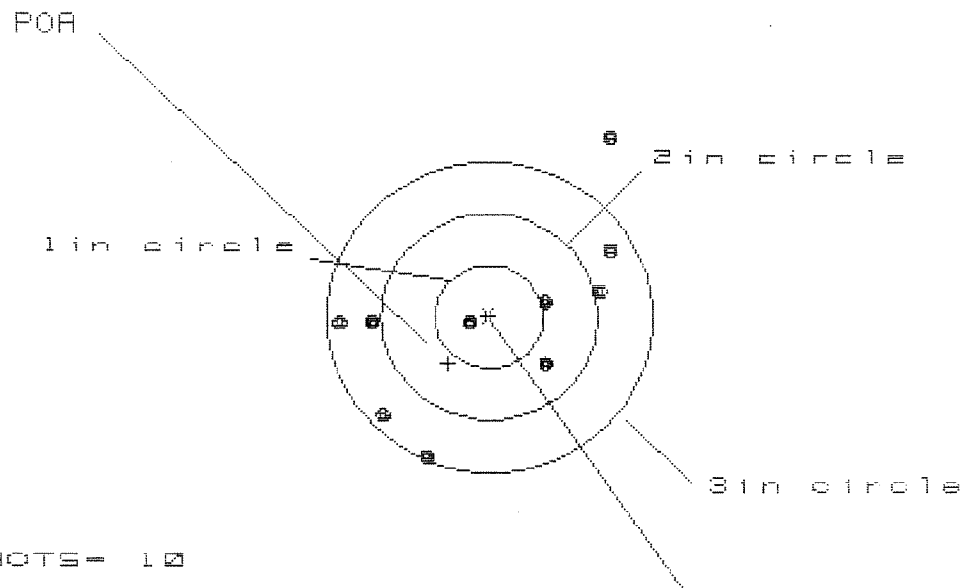
$\frac{E}{T}$ ³¹ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127336
THE AMR FOR THIS RIFLE IS: .9818

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225440

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.501

VS= 3.093

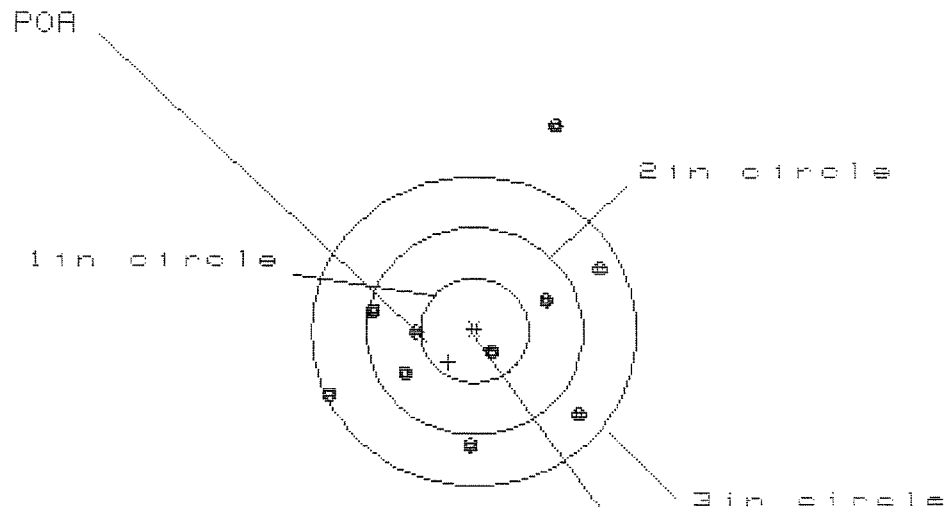
GS= 3.536

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.112	1.192	1.132
MINIMUM X	-1.389	-1.266	-1.326
MAXIMUM Y	1.772	.835	.695
MINIMUM Y	-1.321	-1.124	-.848
CENTROID X	.382	.259	.319
CENTROID Y	.452	.255	.395
POA TO CENTROID in.	.592	.363	.508
MIN RADIUS	.228	.212	.170
MEAN RADIUS	1.109	.985	.940
MAX RADIUS	2.092	1.456	1.328
HORIZONTAL SPREAD	2.501	2.458	2.458
VERTICAL SPREAD	3.093	1.959	1.543
EXTREME SPREAD	3.536	2.575	2.562
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225440

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.487

VS= 3.103

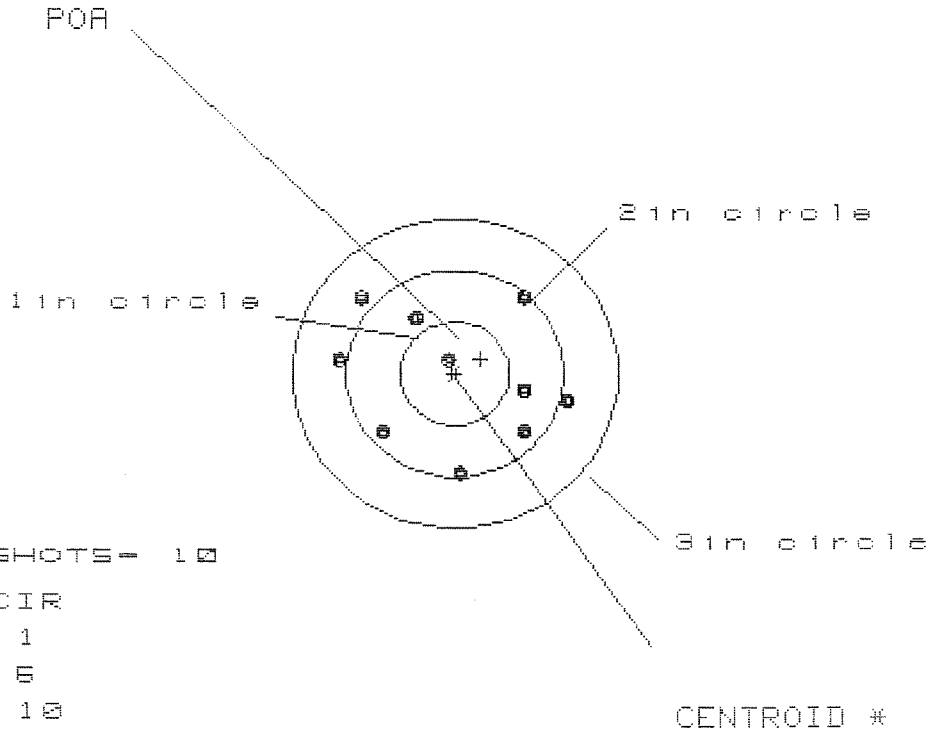
GS= 3.258

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.245	1.089
MINIMUM X	:	-1.323	-1.242	-1.018
MAXIMUM Y	:	1.966	.795	.751
MINIMUM Y	:	-1.137	-.918	-.962
CENTROID X	:	.241	.161	.317
CENTROID Y	:	.383	.084	.128
POA TO CENTROID in.	:	.387	.182	.342
MIN RADIUS	:	.200	.206	.044
MEAN RADIUS	:	1.034	.885	.822
MAX RADIUS	:	2.094	1.477	1.323
HORIZONTAL SPREAD	:	2.487	2.487	2.107
VERTICAL SPREAD	:	3.103	1.713	1.713
EXTREME SPREAD	:	3.258	2.739	2.142
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225440

CENTERFIRE PATTERNS # 3



HS= 2.093

VS= 1.696

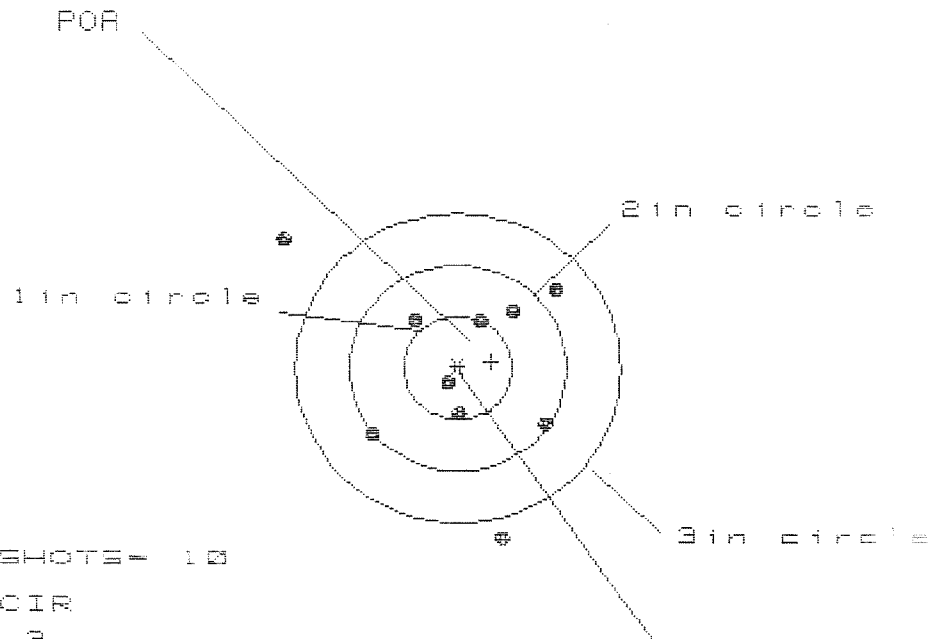
GS= 2.152

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.029
MINIMUM X	-1.064
MAXIMUM Y	.780
MINIMUM Y	-.916
CENTROID X	-.236
CENTROID Y	-.138
POA TO CENTROID in.	.274
MIN RADIUS	.156
MEAN RADIUS	.832
MAX RADIUS	1.158
HORIZONTAL SPREAD	2.093
VERTICAL SPREAD	1.696
EXTREME SPREAD	2.152
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225440

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.569

VS= 2.857

GS= 3.486

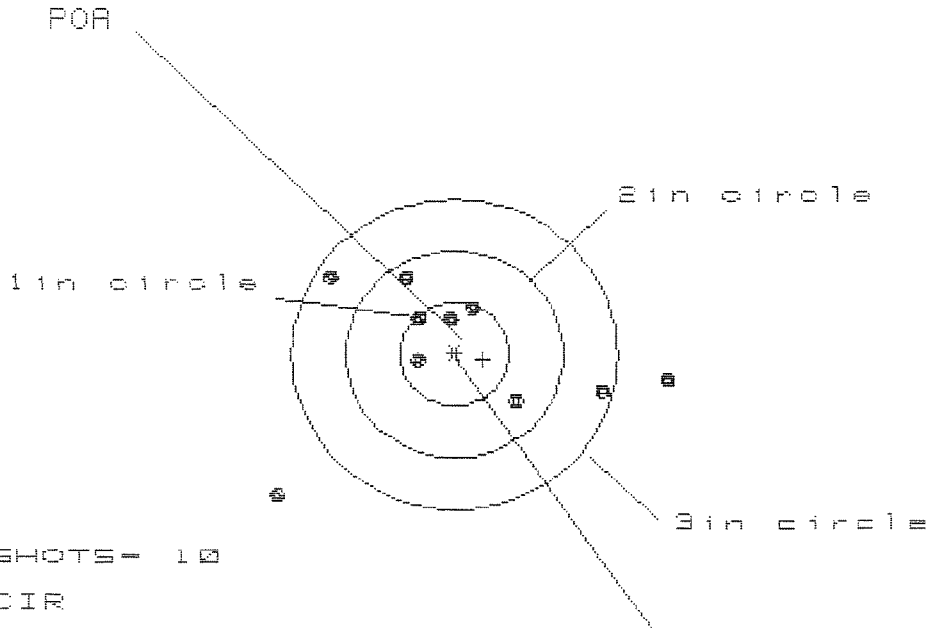
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.949	.769	.794
MINIMUM X	-1.620	-.963	-.938
MAXIMUM Y	1.243	.908	.723
MINIMUM Y	-1.614	-1.476	-.716
CENTROID X	-.305	-.125	-.150
CENTROID Y	-.060	-.198	-.013
POA TO CENTROID in.	.311	.234	.151
MIN RADIUS	.153	.228	.279
MEAN RADIUS	.924	.794	.688
MAX RADIUS	2.042	1.489	1.180
HORIZONTAL SPREAD	2.569	1.732	1.732
VERTICAL SPREAD	2.857	2.384	1.439
EXTREME SPREAD	3.486	2.451	2.252
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8225440

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 3.548

VS= 2.152

GS= 3.716

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.922	1.741	1.359
MINIMUM X	:	-1.626	-1.336	-1.118
MAXIMUM Y	:	.758	.604	.548
MINIMUM Y	:	-1.393	-.658	-.714
CENTROID X	:	-.261	-.080	-.298
CENTROID Y	:	.054	.209	.265
POA TO CENTROID in.	:	.266	.224	.398
MIN RADIUS	:	.335	.270	.124
MEAN RADIUS	:	1.010	.873	.689
MAX RADIUS	:	2.142	1.796	1.453
HORIZONTAL SPREAD	:	3.548	3.077	2.477
VERTICAL SPREAD	:	2.152	1.262	1.262
EXTREME SPREAD	:	3.716	3.250	2.695
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	