

06225334

MODEL 700™ M24

Model **SMS**™

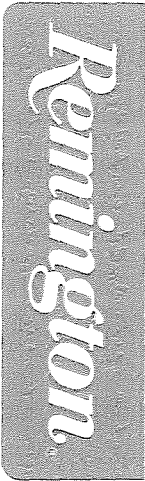
Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.



RECEIVED BARBER - M24 0012677 REPORT

COMMENTS

ORDER
R 99-16335

INITIAL CUSTOMER ORDER NO.

SWS

WOG 4 OF 4
W/HEAVY DUTY HD CASE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

08/20/99

08/24/99

C6225334

700 7.62

M24 SWS

ACCESSORIES

W/STUDS

HARD CASE

SCOPE BASE

W/ADJ BUTT FLT - CAMO

FROM:

SHIP TO:

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY 42223

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY

42223

CUST NO:061543 C.D.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

BBL - 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW

11-22-99

11-23-99

11-23-99

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTONBARBER - M24 0012677
M2400012716

Final Inspection

Sn: C6225334

DATE REC'D: 8-30-99

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

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

Item:

Stock Assy.

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

Scope Assy.

☐ SCOPE☐ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225334

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:		8-24-99	RW
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	8-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-99	RW
605	CHECK HEADSPACE	10-20-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	10-21-99	RW
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-18-99	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-99	RW
655	FINAL INSPECT	12-7-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

BARBER - M24 0012680

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225334
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2842
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .285387
THE AMR FOR THIS RIFLE IS: 1.103

CENTROIDAL DISTANCES

Ø TO	1	.144931
1 TO	2	.544615
1 TO	3	.251766
1 TO	4	.203679
1 TO	5	.184092

5
1 <----POA
3
2

BARBER - M24 0012681

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .040

MIN RADIUS : .282

MEAN RADIUS : .740

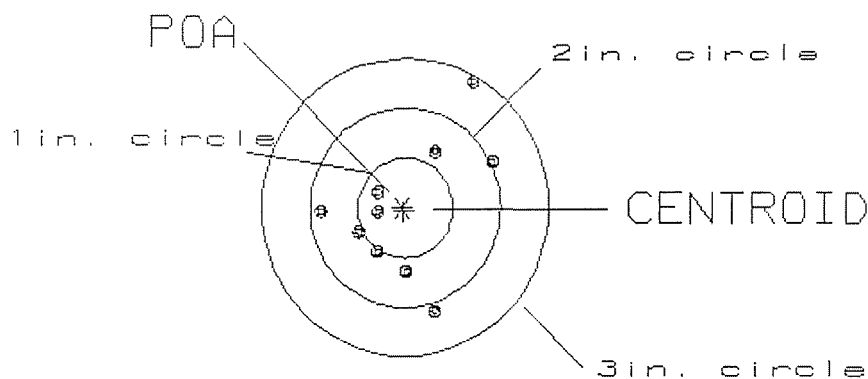
MAX RADIUS : 1.487

CENTROID X : -.011

CENTROID Y : .038

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 1.79

2

VS= 2.31

6

GS= 2.35

10

BARBER - M24 0012682

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .317

MIN RADIUS : .504

MEAN RADIUS : 1.399

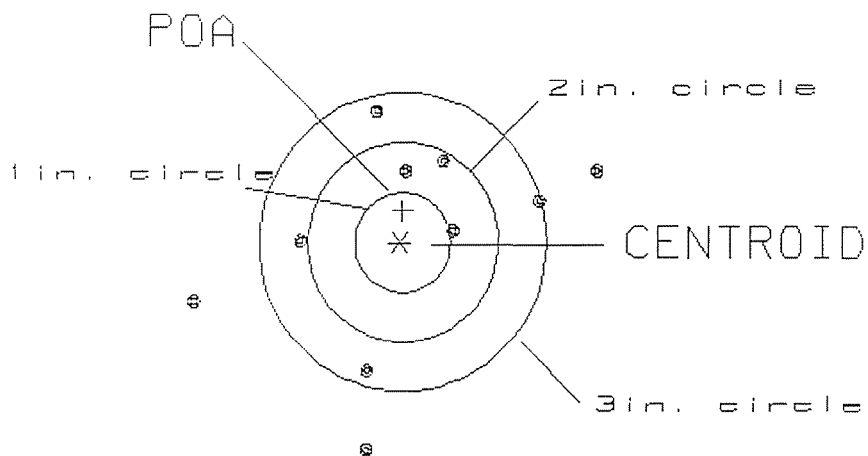
MAX RADIUS : 2.258

CENTROID X : -.021

CENTROID Y : -.317

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 4.22

0

VS= 3.46

3

GS= 4.42

7

BARBER - M24 0012683

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .353

MIN RADIUS : .278

MEAN RADIUS : 1.322

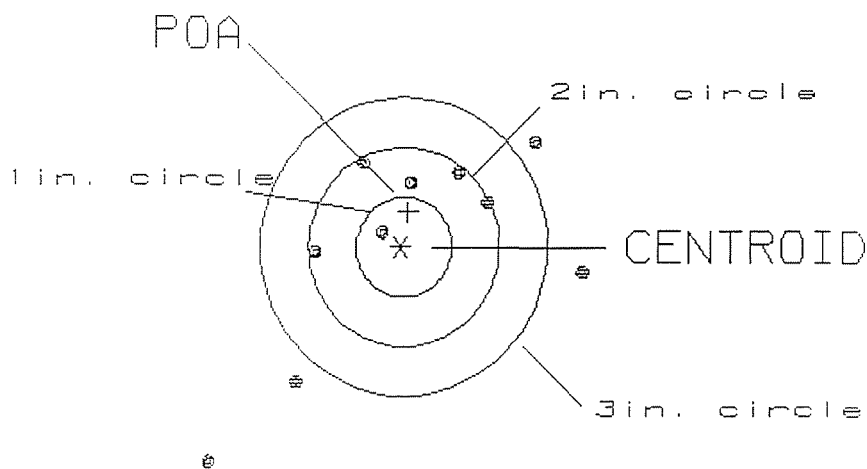
MAX RADIUS : 3.026

CENTROID X : -.069

CENTROID Y : -.346

6 Dec 1999

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 4.00

1

VS= 3.23

5

GS= 4.72

6

BARBER - M24 0012684

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .686

MIN RADIUS : .396

MEAN RADIUS : 1.224

MAX RADIUS : 2.432

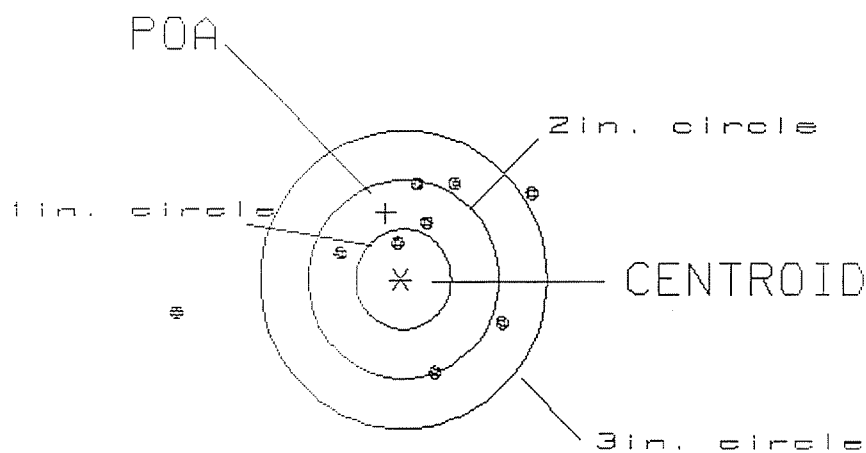
CENTROID X : .169

CENTROID Y : -.665

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.73

1

VS= 3.25

4

GS= 3.91

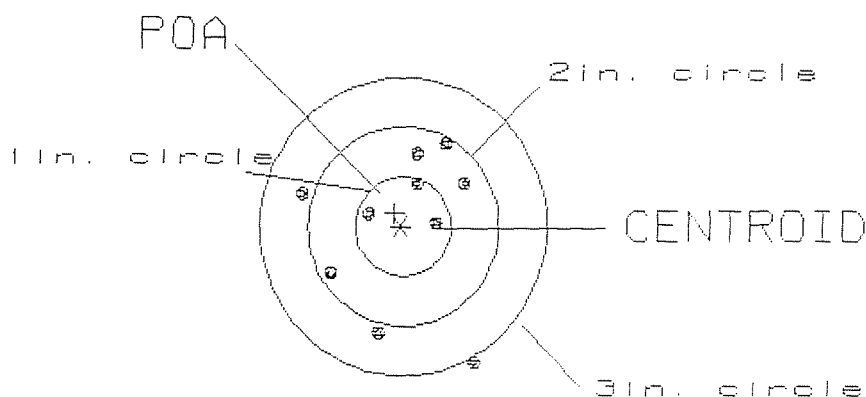
7

PATTERN #: 5
 POA TO CENTROID: .145
 MIN RADIUS : .298
 MEAN RADIUS : .829
 MAX RADIUS : 1.572
 CENTROID X : .062
 CENTROID Y : -.131

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS=	1.85	3
VS=	2.16	7
GS=	2.49	9

Remington[®]

MODEL 700[™] H24

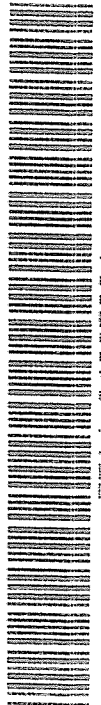
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

UPONT
REG. U.S. PAT. & T.M. OFF.

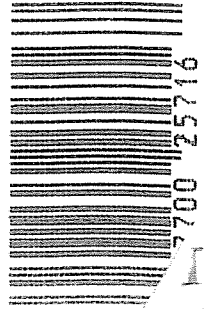
SERIAL NO.
C6225334

ORDER NO.
5716



5716 C6225334

LPC



7700 25716

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225334

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 9 88		RW
607	Check Headspace	9 9 88		RW
610	Dis-assemble gun	9 9 88		RW
612	Magnaflux Barrel Action		9 22 88	PK.
	Magnaflux Bolt		9 22 88	PK.
615	Rollmark Caliber		10/22	G.S.
617	Drill & Tap Sight Holes		10/23	FB
618	Polish Barrel		10/24	WJT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/10/89	RW
	C) Inspect Ejector Hole for Chamfer		1/10/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		1/10/89	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		9 Jan 89	JS
	F) Safety on Force	6 : 6 : 6	10 Jan 89	JS
	G) Safety off Force	3 : 3 : 3	10 Jan 89	JS
	H) Trigger Pull Test & Retainability		9 Jan 89	JS
	I) Firing Pin Indent	.020 : .0205 : .020	10 Jan 89	JS
	J) Assemble Stock		1/10/89	RW
	K) Attach Front & Rear Sight Assemblies		1/10/89	RW
	L) Iron Sight Alignment		1/10/89	RW
	M) Detach Front & Rear Sights & place in numbered container		1/10/89	RW
	N) Attach Scope to Rifle		17 Jan 89	JS
	O) Detach & Attach Scope 20 times		17 Jan 89	JS
640	Gallery Target & Test	47 R 105 L	1/23/89	DH
	A) Optical Clarity of Scope		1/23/89	DH
645	Inspect for Live Ammo		1/23/89	DH
655	Final Inspection			
	A) Headspace		31 Jan 89	JS
	B) Trigger Pull	2.56 : 2.34 : 2.38	2.38 : 2.38	JS
	C) Function		31 Jan 89	JS
	D) Assemble Swivel Studs		31 Jan 89	JS
660	Pack		23 Mar 89	JS.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225334

DATE 4/12/90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.37		2.45	MIN. SETTING,
PULL #2	2.41	2.40		2.40	NO AVG. OF 5
PULL #3	2.41	2.39		2.42	READINGS ACCEPT-
PULL #4	2.41	2.32		2.43	ABLE LESS THAN 2#
PULL #5	2.21	2.41		2.41	
TOTAL	11.85	11.89		12.11	
AVG.	2.37	2.378		2.422	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.39		
PULL #2	3.37	3.38		
PULL #3	3.42	3.37		
PULL #4	3.42	3.43		
PULL #5	3.38	3.41		
TOTAL	16.97	16.98		
AVG.	3.394	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.55	4.43		
PULL #2	4.24	4.39		
PULL #3	4.37	4.13		
PULL #4	4.43	4.38		
PULL #5	4.40	4.43		
TOTAL	21.99	21.76		
AVG.	4.398	4.352		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225334
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.620518
1 TO	2	.575701
1 TO	3	.38899
1 TO	4	.643693
1 TO	5	.517429

+3] <----POA
54

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3714
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .500833

THE AMR FOR THIS RIFLE IS: 1.194

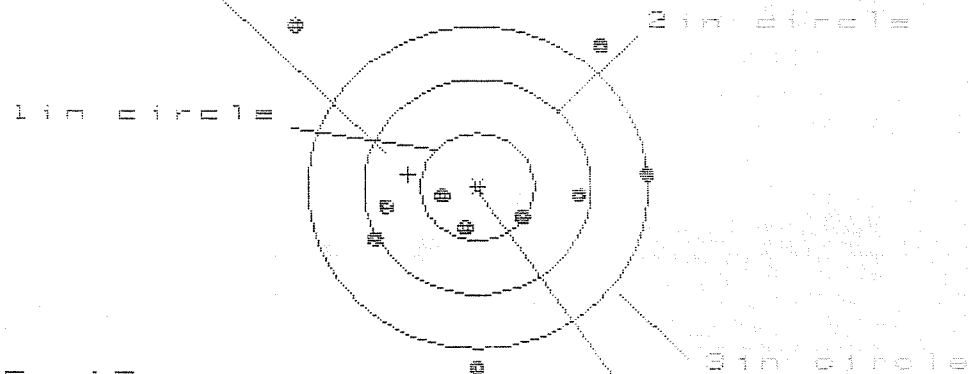
25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225334

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 3.097

VS= 3.121

GS= 3.497

PATTERN #		10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X		1.467	1.286	1.403
MINIMUM X		-1.630	-1.068	-0.951
MAXIMUM Y		1.487	1.484	.491
MINIMUM Y		-1.634	-1.468	-1.283
CENTROID X		.609	.790	.673
CENTROID Y		-.119	-.285	-.470
POA TO CENTROID in.		.620	.840	.821
MIN RADIUS		.326	.198	.150
MEAN RADIUS		1.082	.929	.798
MAX RADIUS		2.206	1.755	1.487
HORIZONTAL SPREAD		3.097	2.354	2.354
VERTICAL SPREAD		3.121	2.952	1.774
EXTREME SPREAD		3.497	3.175	2.426
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8825334

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.159

VS = 2.858

GS = 2.976

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.133	1.157
MINIMUM X	:	-.963	-1.026	-1.062
MAXIMUM Y	:	1.393	1.231	.971
MINIMUM Y	:	-1.465	-1.474	-1.321
CENTROID X	:	.255	.318	.294
CENTROID Y	:	-.573	-.411	-.565
POA TO CENTROID in.	:	.627	.519	.636
MIN RADIUS	:	.191	.350	.229
MEAN RADIUS	:	1.084	1.030	.985
MAX RADIUS	:	1.572	1.474	1.395
HORIZONTAL SPREAD	:	2.159	2.159	2.159
VERTICAL SPREAD	:	2.858	2.705	2.291
EXTREME SPREAD	:	2.976	2.711	2.516
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225334

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.874

VS = 2.547

GS = 4.012

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.738	1.501	1.216
MINIMUM X	:	-2.136	-1.511	-1.324
MAXIMUM Y	:	1.280	1.266	1.119
MINIMUM Y	:	-1.267	-1.281	-1.429
CENTROID X	:	.352	.589	.402
CENTROID Y	:	.173	.187	.335
POA TO CENTROID in.	:	.392	.618	.523
MIN RADIUS	:	.477	.370	.324
MEAN RADIUS	:	1.293	1.171	1.070
MAX RADIUS	:	2.139	1.916	1.677
HORIZONTAL SPREAD	:	3.874	3.012	2.540
VERTICAL SPREAD	:	2.547	2.547	2.547
EXTREME SPREAD	:	4.012	3.825	2.727
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225334

CENTERFIRE PATTERNS

4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 2.520

VS= 4.991

GS= 5.146

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	1.441	1.402
MINIMUM X	:	-1.173	-1.079	-1.118
MAXIMUM Y	:	2.505	2.229	1.472
MINIMUM Y	:	-2.486	-1.999	-1.721
CENTROID X	:	.455	.361	.400
CENTROID Y	:	-.744	-.468	-.746
POR TO CENTROID in.	:	.872	.591	.846
MIN RADIUS	:	.257	.161	.205
MEAN RADIUS	:	1.283	1.082	.944
MAX RADIUS	:	2.627	2.465	2.230
HORIZONTAL SPREAD	:	2.520	2.520	2.520
VERTICAL SPREAD	:	4.991	4.228	3.193
EXTREME SPREAD	:	5.146	4.577	3.282
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225334

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS = 2.302

VS = 3.945

GS = 4.132

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	.935	.806
MINIMUM X	-1.156	-1.029	-.810
MAXIMUM Y	2.024	1.968	1.325
MINIMUM Y	-1.921	-1.696	-1.450
CENTROID X	.186	.059	.188
CENTROID Y	-.417	-.642	-.888
POA TO CENTROID in.	.457	.644	.907
MIN RADIUS	.350	.308	.324
MEAN RADIUS	1.230	1.083	.949
MAX RADIUS	2.325	2.220	1.496
HORIZONTAL SPREAD	2.302	1.964	1.616
VERTICAL SPREAD	3.945	3.664	2.775
EXTREME SPREAD	4.132	3.991	2.843
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		