

05225334

MODEL 700TM M24

Model 545TM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

COMMENTS

ORDER
R 99-16335

FROM:

SHIP TO:

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

KY
42223

CUST NO: 061543 C.D.D

WRITE

--

MAIN FAULT

[illegible]

OFFICE COPY

902925 REF. 797

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

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225334*

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

QAR INSPECTION

SHIP DATE

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

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

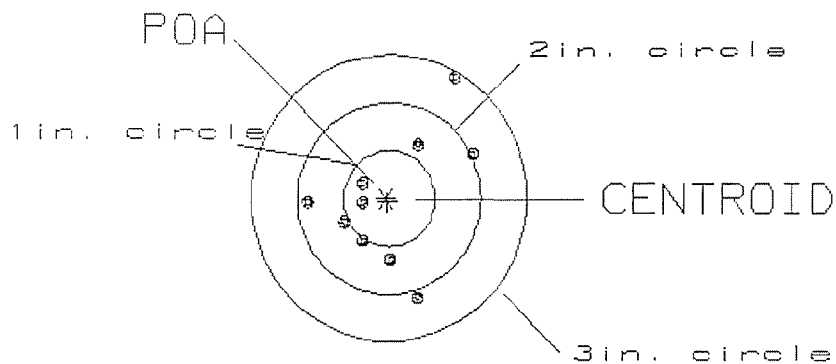
5
1
3
2
-----POA

PATTERN #: 010
 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

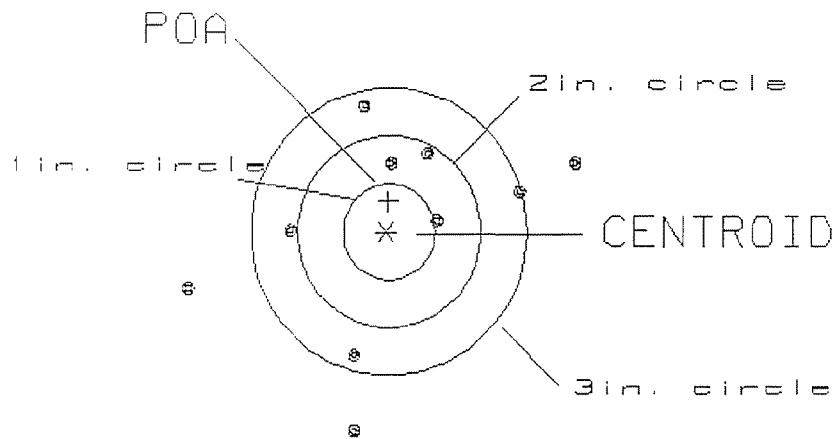
10

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
 VS= 3.46
 GS= 4.42

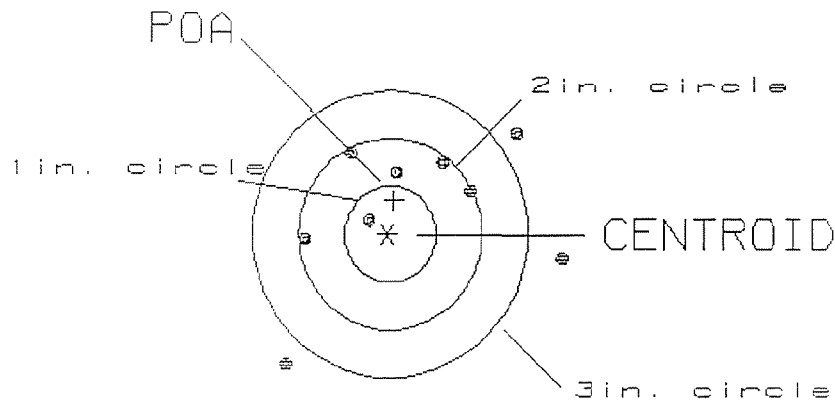
0
 3
 7

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

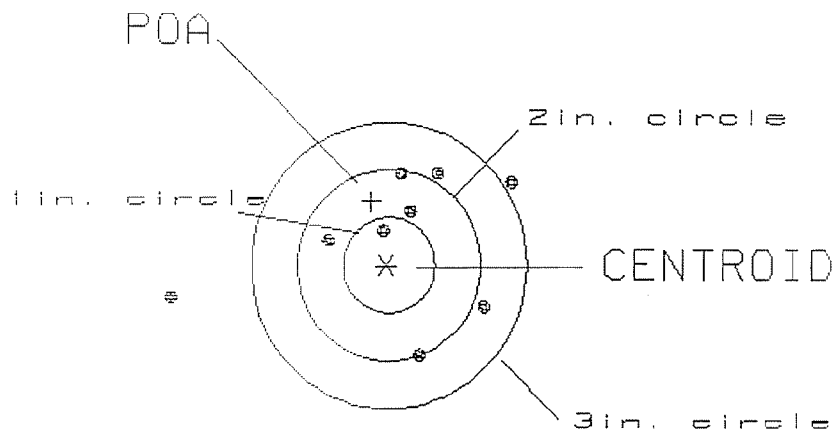
6

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
 VS= 3.25
 GS= 3.91

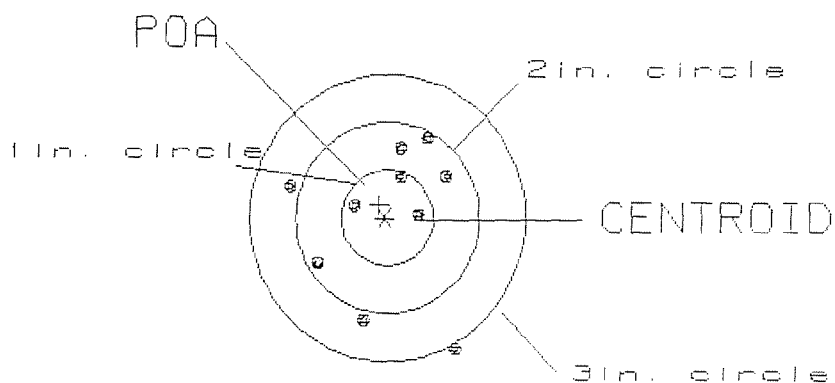
1
 4
 7

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:/Hptbasic/Accuracy/Patterning/Centerfire_Patt/c6225334

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.85

3

VS= 2.18

7

GS= 2.49

9



MODEL 700™ M24

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



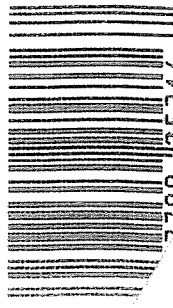
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6225034	ORDER NO. 5716
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5716 C6225034

LPC



7700 25716 7

SCOPE 0424

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 10 88		RW
612	Magnaflux Barrel Action		9 22 88	P.K.
	Magnaflux Bolt		9 22 88	P.K.
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.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225334

DATE 4/12/80

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, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.40		2.40	
PULL #3	2.41	2.39		2.42	
PULL #4	2.41	2.32		2.43	
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 # 06225334
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

+³₁ <----POA
+²₄

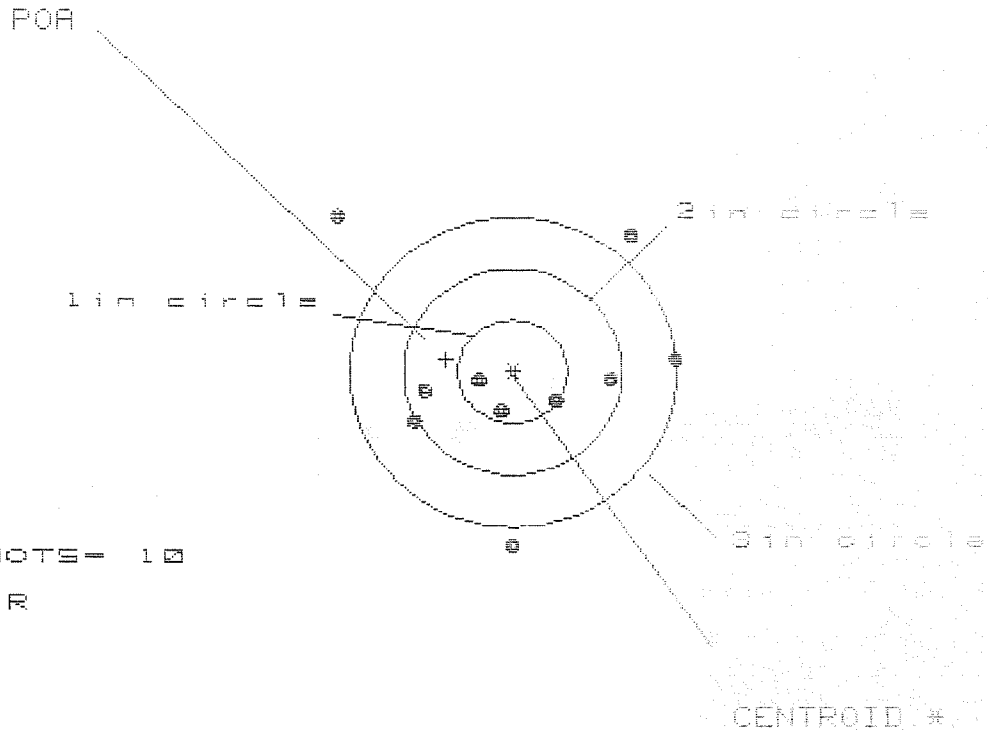
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3714
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .500833
THE AMR FOR THIS RIFLE IS: 1.194

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225334

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 3.097

VS= 3.121

QS= 3.497

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.467	1.286	1.483
MINIMUM X	-1.630	-1.060	-.351
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	.799
MAX RADIUS	2.206	1.753	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/C6225334

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 = 8

HS= 2.159

VS= 2.858

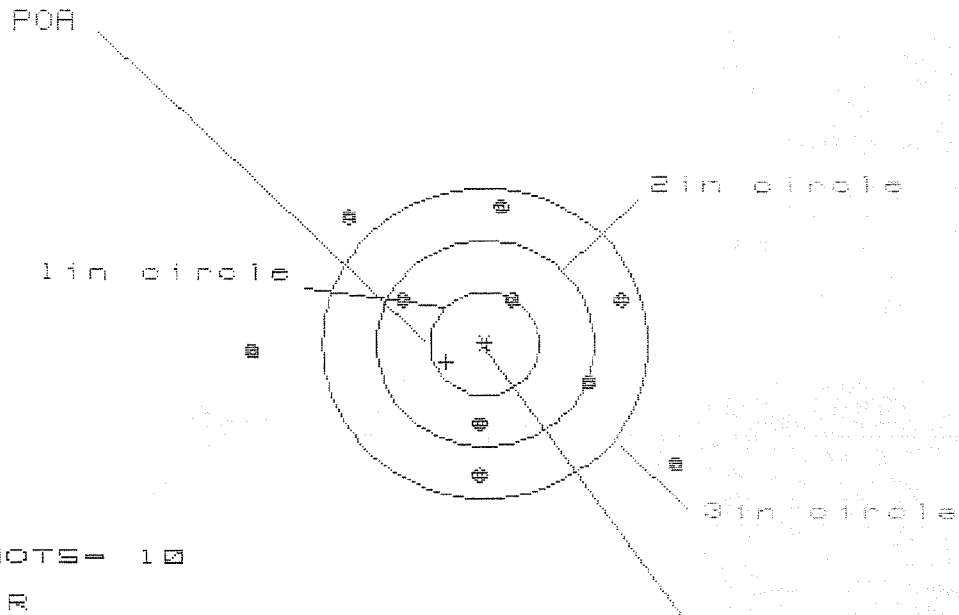
GS= 2.976

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.133	1.107
MINIMUM X	:	-.963	-1.025	-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/C8225334

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.874

VS = 2.547

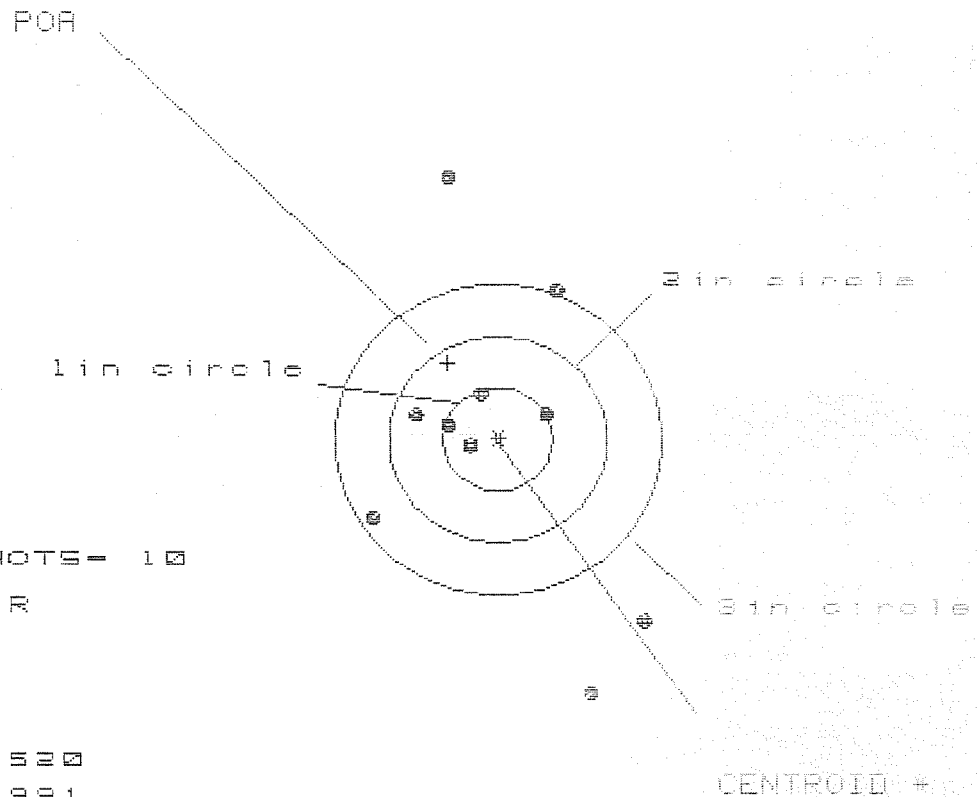
GS = 4.012

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



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
POA TO CENTROID in.	:	.872	.591	.846
MIN RADIUS	:	.257	.161	.205
MEAN RADIUS	:	1.283	1.082	.944
MAX RADIUS	:	2.627	2.465	2.220
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	.886
MINIMUM X	-1.156	-1.029	-.819
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		