

C6594614

MODEL 760™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-21740

INITIAL
SWS

CUSTOMER ORDER NO.

M-24, W/SCOPE, CAPS, & BI-POD

DATE RECEIVED
11/03/99

DATE OPENED
1/04/99

DATE CODE
BL 1-91

SERIAL NUMBER
C6594614

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

SOFT CASE

SCOPE MNTS

SCOPE BASE

Scope # 90-1076

FROM:

SHIP TO:

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO AP

CA 96251

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO AP

CA
96251

CUST NO: 183167 C.O.D.L.

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
Extractor

96003
91816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400020311

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6594614
7 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2746
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .290503

THE AMR FOR THIS RIFLE IS: 1.181

CENTROIDAL DISTANCES

0 TO	1	1.15419
1 TO	2	1.19947
1 TO	3	1.17166
1 TO	4	1.25365
1 TO	5	.981098

1

5 3⁴² <----POA
4

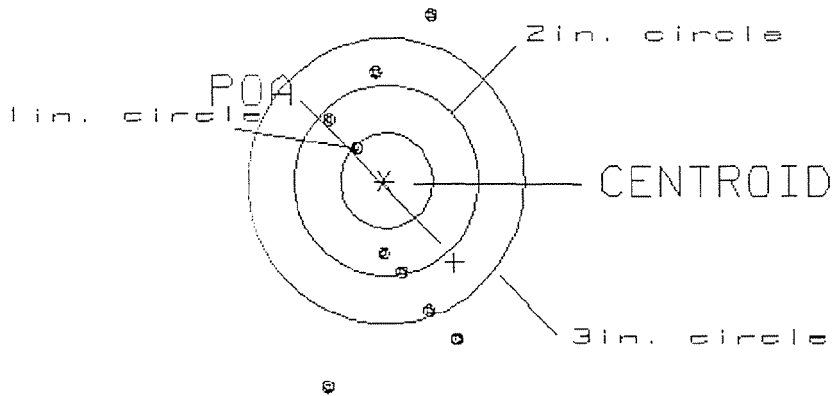
PATTERN #: 1

POA TO CENTROID: 1.154
 MIN RADIUS : .513
 MEAN RADIUS : 1.474
 MAX RADIUS : 3.084
 CENTROID X : -.772
 CENTROID Y : .858

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594614

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.42
 VS= 5.22
 GS= 5.23

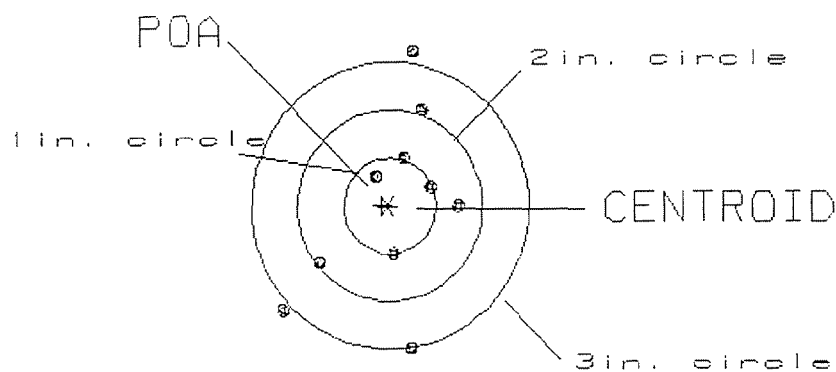
0
 3
 6

PATTERN #: 2
 POA TO CENTROID: .060
 MIN RADIUS : .290
 MEAN RADIUS : .928
 MAX RADIUS : 1.639
 CENTROID X : .060
 CENTROID Y : -.006

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594614

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.91
 US= 3.04
 GS= 3.06

3
 6
 8

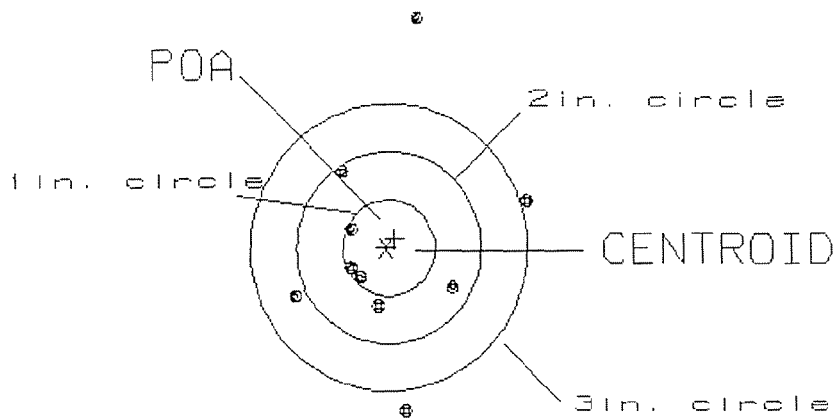
PATTERN #: 3

POA TO CENTROID: .130
 MIN RADIUS : .433
 MEAN RADIUS : 1.068
 MAX RADIUS : 2.422
 CENTROID X : -.089
 CENTROID Y : -.094

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594614

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.51

3

VS= 4.13

6

GS= 4.14

7

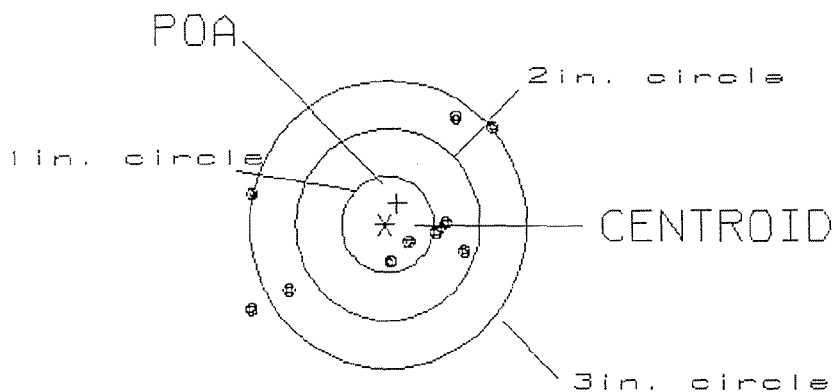
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .252
 MIN RADIUS : .267
 MEAN RADIUS : 1.013
 MAX RADIUS : 1.681
 CENTROID X : -.127
 CENTROID Y : -.217

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594614

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

H3= 2.65

2

US= 1.97

5

GS= 3.20

7

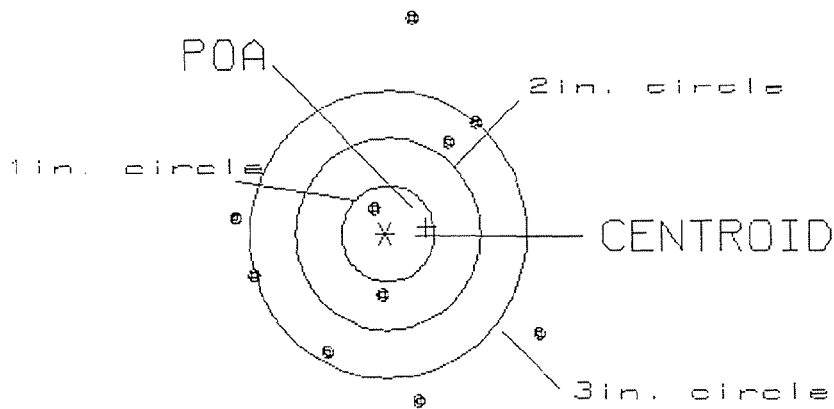
PATTERN #: 5

POA TO CENTROID: .450
 MIN RADIUS : .335
 MEAN RADIUS : 1.421
 MAX RADIUS : 2.307
 CENTROID X : -.445
 CENTROID Y : -.067

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594614

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.34
 VS= 3.99
 GS= 3.99

1
 2
 4

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6594614*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12-13-99</i>	<i>Rw</i>
605	CHECK HEADSPACE	<i>12-13-99</i>	<i>Rw</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>2-3-00</i>	<i>Rw</i>
655	FINAL INSPECT	<i>2-8-00</i>	<i>Rw</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6594614

DATE REC'D: 11-3-99

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:

Remington® **DU PONT**
REG. U.S. PAT. & TM. OFF.

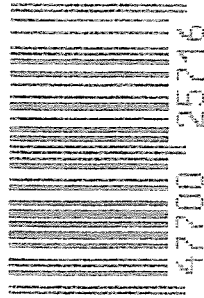
MODEL 700™ M24

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. C6594614	ORDER NO. 5716
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LPC



0 47700 25716 7



5716 C6594614

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594614**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/21/90	K.S.
600	Proof		12/21/90	K.S.
607	Check Headspace		12/21/90	K.S.
610	Dis-assemble Gun		12/21/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GB
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		LB
620	Apply Coatings (Barrel Action)		1-22-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	KA
	C) Inspect Ejector Hole for Chamfer		2/18/91	KA
	D) Oil Firing Pin Ass'y		2/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/19/91	KA

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	2/19/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	2/19/91	WB
	H) Trigger Pull Test & Retainability				2/19/91	JA
	I) Firing Pin Indent	.0215	.022	.022	2/19/91	WB
	J) Assemble Stock				2/19/91	KL
	K) Assemble Swivel Studs				2-22-91	A
	L) Attach Front and Rear Sight Assemblies				2/19/91	KL
	M) Iron Sight Alignment				2/19/91	KL
	N) Detach Front & Rear Sights & place in numbered container				2/19/91	KL
	O) Attach Scope to Rifle				2/19/91	KL
	P) Detach & Attach Scope 20 Times				2/19/91	KL
640	Gallery Target & Test				2/21/91	KL
	A) Time				"	KL
	B) Malfunctions				"	KL
	C) Pierced Primers				"	KL
	D) Optical Clarity of Scope				"	KL
645	Inspect for Live Ammo				2/21/91	KL
655	Final Inspection					
	A) Headspace				2-22-91	A
	B) Trigger Pull	2.49	2.24	2.32	2/22/91	JA
	C) Function				2-22-91	AC
660	Pack				3-18-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594614
DATE 2/19/91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.27	2.20	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.26	2.19	2.24	
PULL #3	2.31	2.26	2.28	2.32	
PULL #4	2.20	2.29	2.21	2.35	
PULL #5	2.20	2.30	2.20	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.36		
PULL #2	3.36	3.29		
PULL #3	3.38	3.32		
PULL #4	3.41	3.29		
PULL #5	3.51	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.43		4.41
PULL #2	4.35	4.38		4.23
PULL #3	4.36	4.40		4.37
PULL #4	4.38	4.34		4.38
PULL #5	4.26	4.36		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594614
22 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.0920489
1 TO	2	.268039
1 TO	3	.191857
1 TO	4	.236239
1 TO	5	.163218

0.21

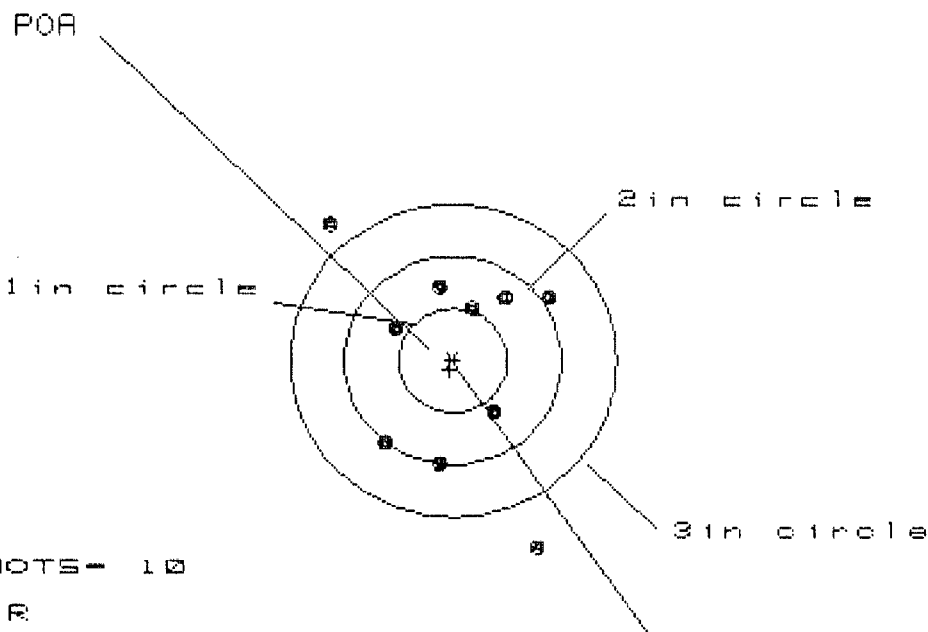
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0506
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0506194
THE AMR FOR THIS RIFLE IS: 1.177

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534614

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.054

VS= 3.079

GS= 3.613

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.906	.989	.856
MINIMUM X	-1.148	-1.065	-.699
MAXIMUM Y	1.313	1.117	.692
MINIMUM Y	-1.766	-1.199	-1.060
CENTROID X	.027	-.056	.077
CENTROID Y	.088	.284	.145
POA TO CENTROID in.	.092	.290	.164
MIN RADIUS	.506	.384	.436
MEAN RADIUS	1.000	.868	.782
MAX RADIUS	1.916	1.543	1.085
HORIZONTAL SPREAD	2.054	2.054	1.555
VERTICAL SPREAD	3.079	2.316	1.752
EXTREME SPREAD	3.613	2.529	2.089
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534614

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.343

VS= 4.186

GS= 5.175

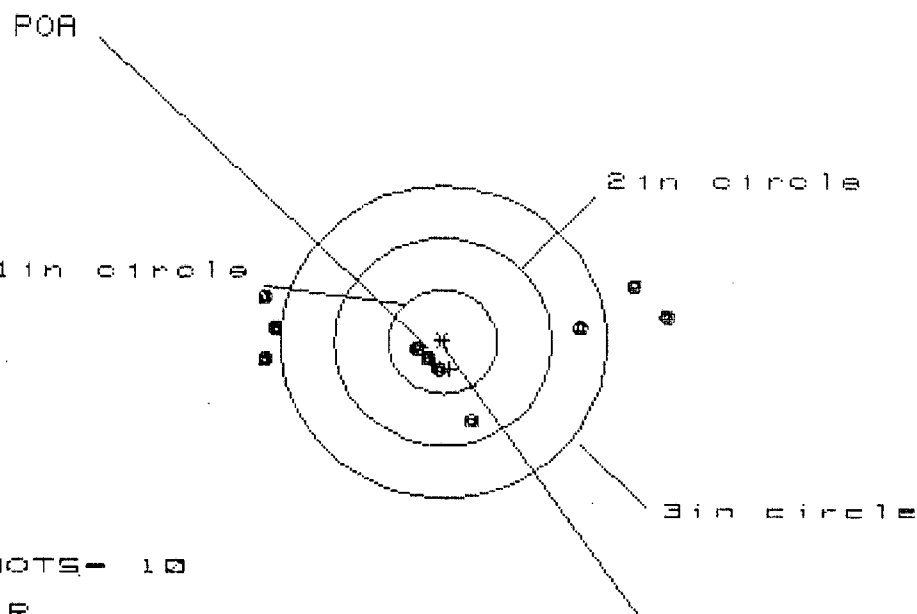
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.339	1.358	1.126
MINIMUM X	:	-2.004	-1.855	-.699
MAXIMUM Y	:	2.538	1.303	1.162
MINIMUM Y	:	-1.648	-1.366	-1.507
CENTROID X	:	-.006	-.155	.077
CENTROID Y	:	-.178	-.460	-.319
POA TO CENTROID in.	:	.178	.486	.328
MIN RADIUS	:	.680	.787	.631
MEAN RADIUS	:	1.391	1.246	1.072
MAX RADIUS	:	2.870	2.172	1.560
HORIZONTAL SPREAD	:	3.343	3.213	1.825
VERTICAL SPREAD	:	4.186	2.669	2.669
EXTREME SPREAD	:	5.175	3.505	2.699
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594614

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 5

HS= 3.647

VS= 1.331

GS= 3.673

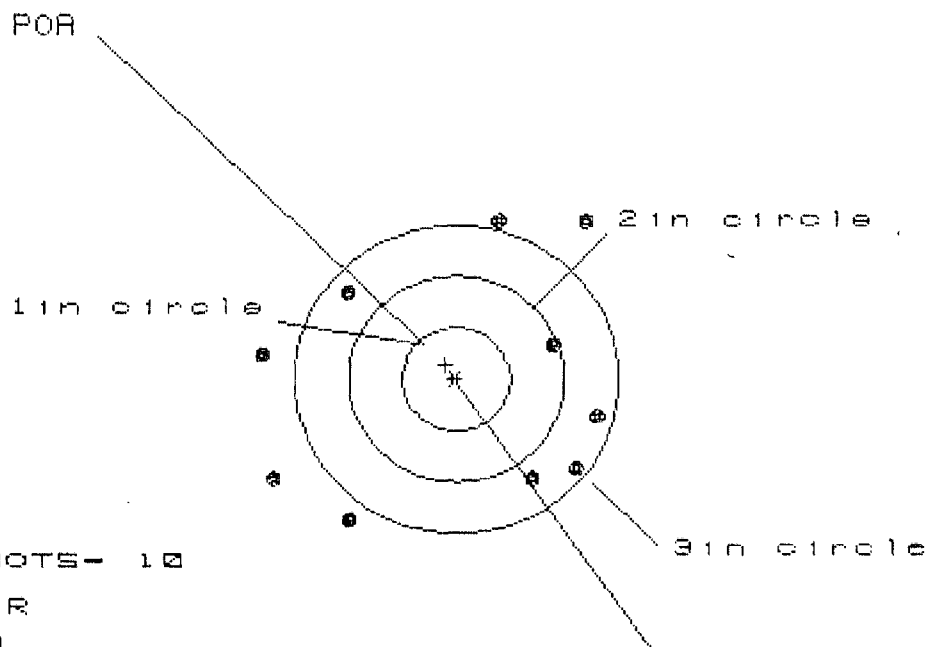
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.015	1.995	1.706
MINIMUM X	:	-1.632	-1.408	-1.159
MAXIMUM Y	:	.523	.553	.506
MINIMUM Y	:	-.808	-.778	-.709
CENTROID X	:	-.058	-.282	-.531
CENTROID Y	:	.260	.230	.161
POA TO CENTROID in.	:	.267	.364	.555
MIN RADIUS	:	.236	.064	.199
MEAN RADIUS	:	1.166	1.022	.908
MAX RADIUS	:	2.033	2.070	1.719
HORIZONTAL SPREAD	:	3.647	3.403	2.865
VERTICAL SPREAD	:	1.331	1.331	1.215
EXTREME SPREAD	:	3.673	3.472	2.878
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594614

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 1

3in = 5

HS= 3.084

VS= 2.889

GS= 3.783

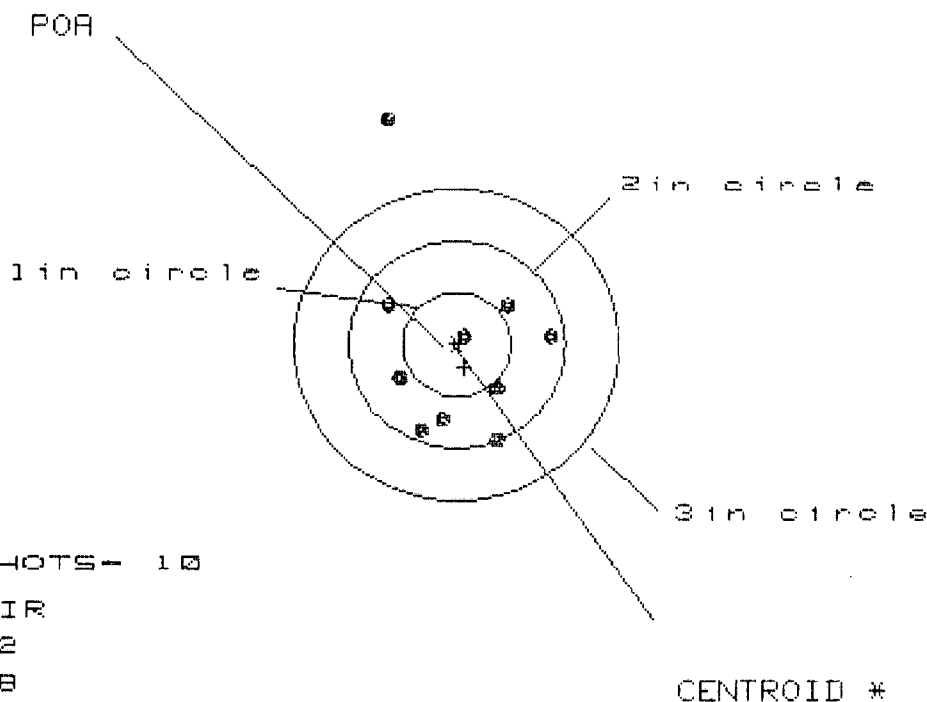
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.257	1.071	1.195
MINIMUM X	:	-1.827	-2.013	-1.889
MAXIMUM Y	:	1.573	1.465	1.639
MINIMUM Y	:	-1.316	-1.424	-1.250
CENTROID X	:	.099	.285	.161
CENTROID Y	:	-.137	-.029	-.203
POA TO CENTROID in.	:	.169	.287	.259
MIN RADIUS	:	.935	.724	.903
MEAN RADIUS	:	1.507	1.426	1.391
MAX RADIUS	:	1.942	2.019	1.918
HORIZONTAL SPREAD	:	3.084	3.084	3.084
VERTICAL SPREAD	:	2.889	2.889	2.889
EXTREME SPREAD	:	3.783	3.552	3.206
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	1		
NUMBER IN THREE INCH CIRCLE	=	5		

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594614

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.437

VS= 3.145

GS= 3.299

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.831	.765	.807
MINIMUM X	:	-.606	-.672	-.630
MAXIMUM Y	:	2.210	.672	.585
MINIMUM Y	:	-.935	-.689	-.658
CENTROID X	:	-.069	-.003	-.045
CENTROID Y	:	.220	-.026	.061
POA TO CENTROID in.	:	.231	.026	.076
MIN RADIUS	:	.065	.280	.196
MEAN RADIUS	:	.822	.623	.601
MAX RADIUS	:	2.288	.932	.847
HORIZONTAL SPREAD	:	1.437	1.437	1.437
VERTICAL SPREAD	:	3.145	1.361	1.243
EXTREME SPREAD	:	3.299	1.674	1.469
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	