

C6225479

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BBL 96003



TRACKING DOCUMENT

Repair Order Number



Repair Order Numbe

RE00000726

Description/Serial

C6225479

Repairman -

Date Received 12/15/1999

Account # - R-

Model 700 Center Fire Caliber: 7.62

Estimate Date

SWS M-24 30F5

Current Date - 12/16/1999

Customer

TRANSPORTATION OFFICER
ATTN:AFZB-DL-TO,BLDG 873

Return To

FORT CAMPB KY 42231 US

Phone (H)

Fax

Phone (W)

Email

Problems

Reported

Found

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Repair

Material # MaterialDesc

Quantity
Needed

Quantity
From

Quantity
From

Warranty
(Y/N)

Total:

Serial Number: C6225479

Model ID: 700



RE00000726

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225479
22 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1826
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .185738

THE AMR FOR THIS RIFLE IS: 1.286

CENTROIDAL DISTANCES

0	TO	1	.680842
1	TO	2	1.15103
1	TO	3	.347467
1	TO	4	.621615
1	TO	5	.434152

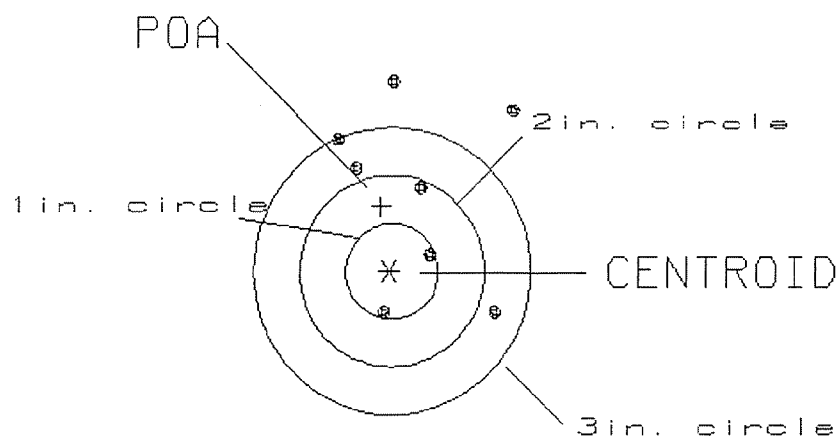
2
4 <----POA
5
3
1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .681
 MIN RADIUS : .434
 MEAN RADIUS : 1.732
 MAX RADIUS : 4.019
 CENTROID X : .089
 CENTROID Y : -.675

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225479

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.04

2

VS= 5.44

3

GS= 6.16

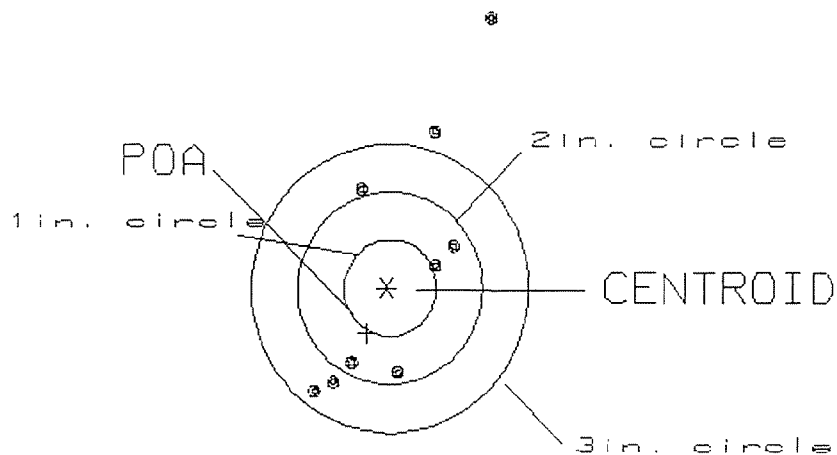
5

PATTERN #: 2
 POA TO CENTROID: .516
 MIN RADIUS : .540
 MEAN RADIUS : 1.402
 MAX RADIUS : 3.066
 CENTROID X : .216
 CENTROID Y : .469

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225479

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.90

0

VS= 5.32

4

GS= 5.60

7

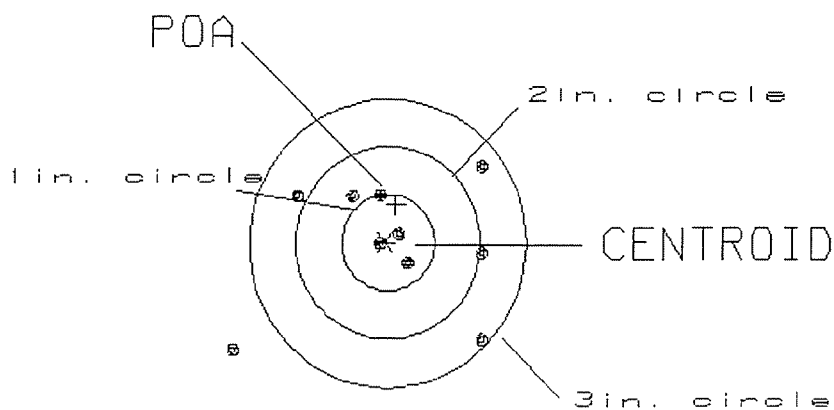
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .409
 MIN RADIUS : .083
 MEAN RADIUS : .856
 MAX RADIUS : 2.006
 CENTROID X : -.114
 CENTROID Y : -.393

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225479

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.71

3

VS= 1.91

5

GS= 3.30

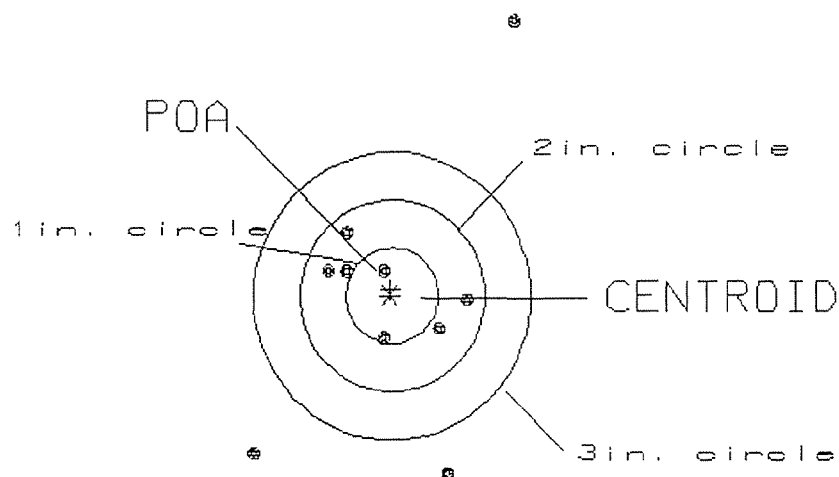
9

PATTERN #: 4
 POA TO CENTROID: .062
 MIN RADIUS : .250
 MEAN RADIUS : 1.137
 MAX RADIUS : 3.153
 CENTROID X : -.008
 CENTROID Y : -.061

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225479

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.82

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VS= 4.69

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GS= 5.30

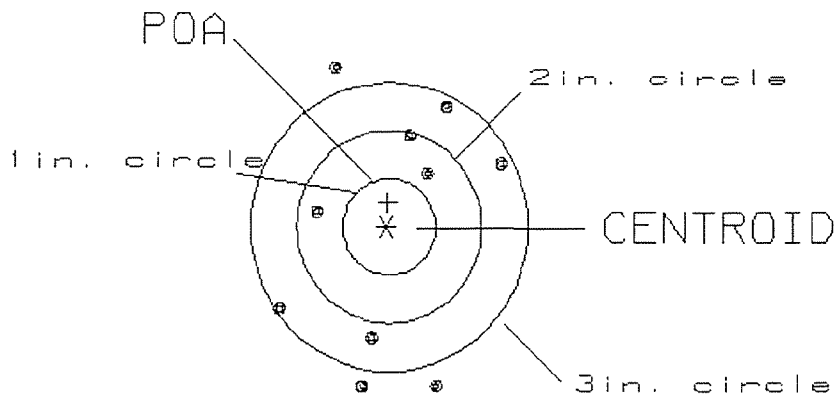
7

PATTERN #: 5
 POA TO CENTROID: .253
 MIN RADIUS : .653
 MEAN RADIUS : 1.304
 MAX RADIUS : 1.797
 CENTROID X : -.013
 CENTROID Y : -.253

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225479

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.40

0

VS= 3.37

2

GS= 3.55

7

Final Inspection

Sr: C6225479

DATE REC'D: 12/12/99

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.

C6225479

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12/16/99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1/20/00	RW
605	CHECK HEADSPACE	1/20/00	RW
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	3-20-00	RW
655	FINAL INSPECT	3-23-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Remington.



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

MODEL 700TM H24

SERIAL NO.
C6225479

ORDER NO.
5716

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

20



5716 C6225479

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225479

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	RW
	Magnaflux Bolt		1-3 89	RW
615	Rollmark Caliber		12/22/88	WJ/DC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-12 89	X/TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/3/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/3/89	RW
	C) Inspect Ejector Hole for Chamfer		2/3/89	RW
	D) Oil Firing Pin Ass'y		2/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/21/89	JD

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			6 Feb 89	JS
	G) Safety Off Force	3	3	3			6 Feb 89	JS
	H) Trigger Pull Test & Retainability						6 Feb 89	JS
	I) Firing Pin Indent	.020	.0205	.0205			6 Feb 89	JS
	J) Assemble Stock						2/14/89	RW
	K) Assemble Swivel Studs						16 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/14/89	RW
	M) Iron Sight Alignment						2/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/14/89	RW
	O) Attach Scope to Rifle						15 Feb 89	JS
	P) Detach & Attach Scope 20 Times						15 Feb 89	JS
640	Gallery Target & Test	73 R	80 L				2/15/89	A
	A) Time						"	A
	B) Malfunctions			NONE			"	A
	C) Pierced Primers			NONE			"	A
	D) Optical Clarity of Scope			OK			2/15/89	A
645	Inspect for Live Ammo			NONE			2/15/89	A
655	Final Inspection							
	A) Headspace						16 Feb 89	JS
	B) Trigger Pull	2.35	2.58	2.39	2.34	2.46	16 Feb 89	JS
	C) Function						16 Feb 89	JS
660	Pack						22 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. 5479
DATE 6/29/90
TESTER gll

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.36	2.33		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.38	2.30		
PULL #3	2.40	2.42	2.42		
PULL #4	2.37	2.37	2.30		
PULL #5	2.38	2.40	2.25		
TOTAL	11.90	11.93	11.60		
AVG.	2.38	2.386	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.30		
PULL #2	3.32	3.32		
PULL #3	3.35	3.35		
PULL #4	3.35	3.40		
PULL #5	3.34	3.32		
TOTAL	16.86	16.69		
AVG.	3.372	3.338		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.32		4.30
PULL #2	4.32	4.32		4.24
PULL #3	4.31	4.36		4.29
PULL #4	4.32	4.35		4.30
PULL #5	4.30	4.30		4.32
TOTAL	21.55	21.65		21.45
AVG.	4.31	4.33		4.29

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225479
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.108374
1 TO	2	.160851
1 TO	3	.327049
1 TO	4	.130357
1 TO	5	.523811

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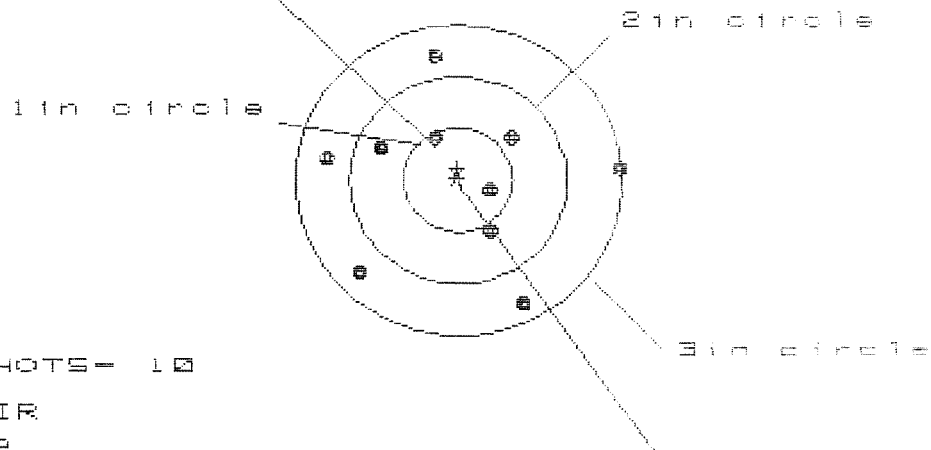
17 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225473

CENTERFIRE PATTERNS

1

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.788

VS= 2.447

GS= 2.790

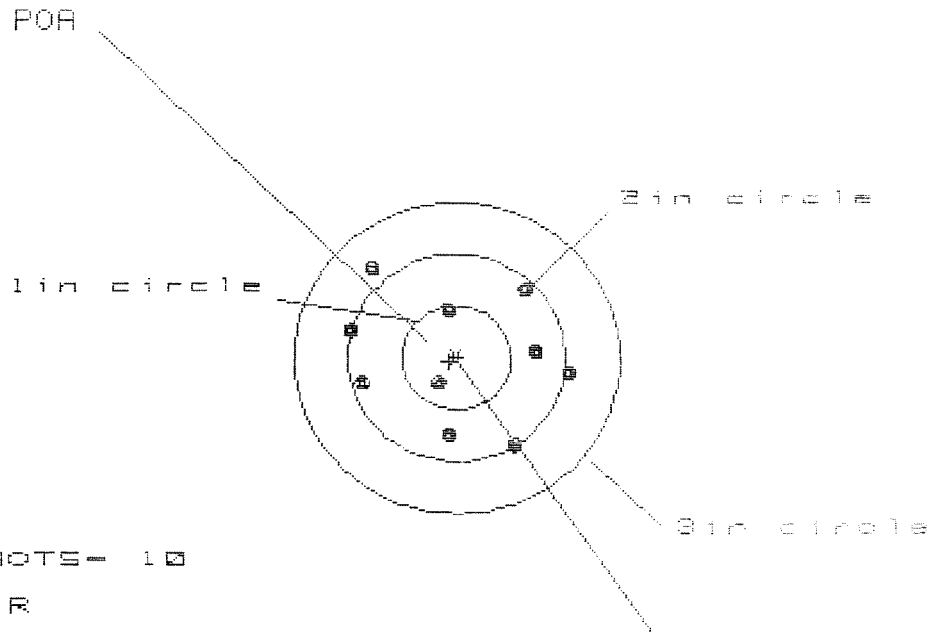
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	.762	.788
MINIMUM X	:	-1.251	-1.080	-.985
MAXIMUM Y	:	1.236	1.246	1.096
MINIMUM Y	:	-1.211	-1.201	-1.053
CENTROID X	:	.089	-.162	-.257
CENTROID Y	:	-.188	-.118	.032
POB TO CENTROID in.	:	.188	.200	.259
MIN RADIUS	:	.387	.455	.316
MEAN RADIUS	:	.954	.891	.803
MAX RADIUS	:	1.540	1.422	1.223
HORIZONTAL SPREAD	:	2.788	1.842	1.773
VERTICAL SPREAD	:	2.447	2.447	2.149
EXTREME SPREAD	:	2.790	2.587	2.242
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06223479

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.041

VS= 1.675

GS= 2.115

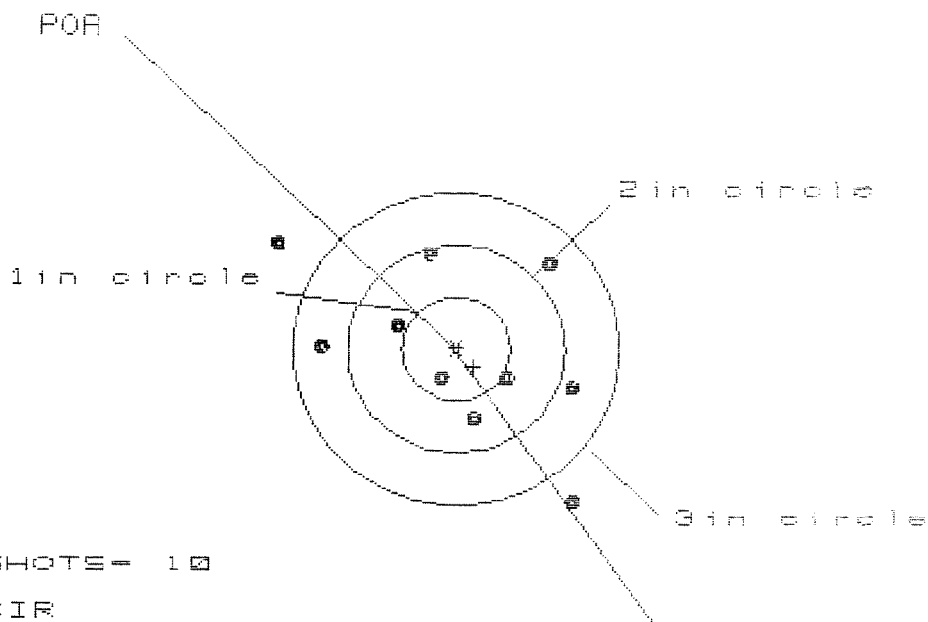
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	.979	.730
MINIMUM X	:	-.976	-1.062	-.940
MAXIMUM Y	:	.864	.769	.760
MINIMUM Y	:	-.811	-.715	-.724
CENTROID X	:	.072	.158	.036
CENTROID Y	:	.040	-.056	-.047
POA TO CENTROID in.	:	.083	.168	.059
MIN RADIUS	:	.304	.301	.212
MEAN RADIUS	:	.827	.781	.743
MAX RADIUS	:	1.159	1.126	1.015
HORIZONTAL SPREAD	:	2.041	2.041	1.670
VERTICAL SPREAD	:	1.675	1.484	1.484
EXTREME SPREAD	:	2.115	2.090	1.850
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225479

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.661

VS= 2.528

GS= 3.670

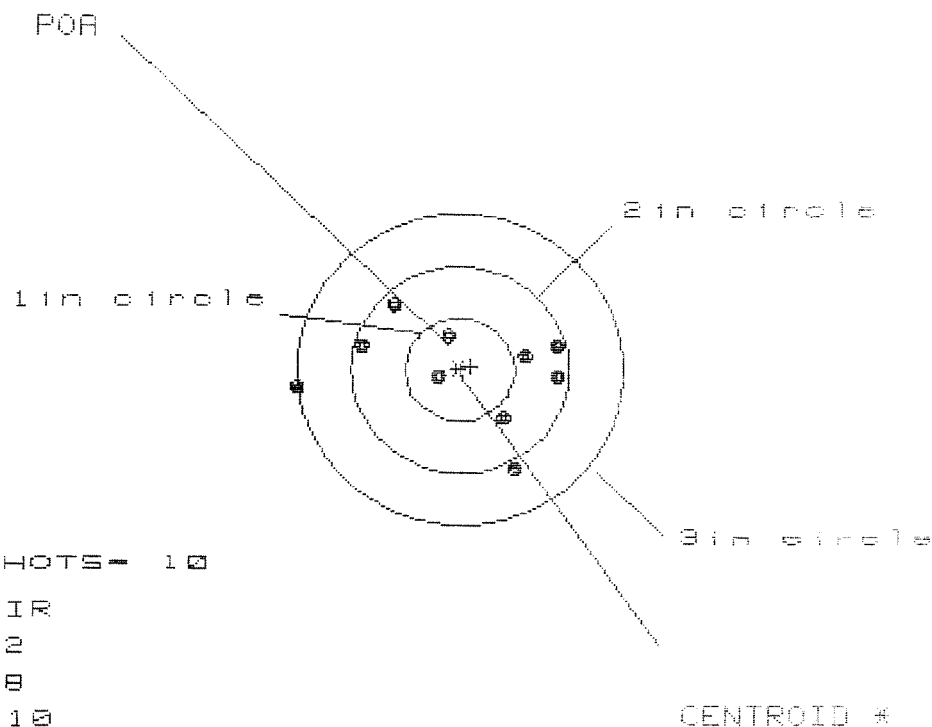
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	.880	.953
MINIMUM X	:	-1.603	-1.369	-1.259
MAXIMUM Y	:	1.036	1.073	.901
MINIMUM Y	:	-1.492	-1.377	-.706
CENTROID X	:	-.160	.018	-.092
CENTROID Y	:	.172	.057	.229
POA TO CENTROID in.	:	.235	.060	.247
MIN RADIUS	:	.310	.336	.390
MEAN RADIUS	:	1.036	.916	.833
MAX RADIUS	:	1.908	1.634	1.259
HORIZONTAL SPREAD	:	2.661	2.249	2.212
VERTICAL SPREAD	:	2.528	2.450	1.607
EXTREME SPREAD	:	3.670	2.751	2.258
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225479

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 2.369

VS = 1.612

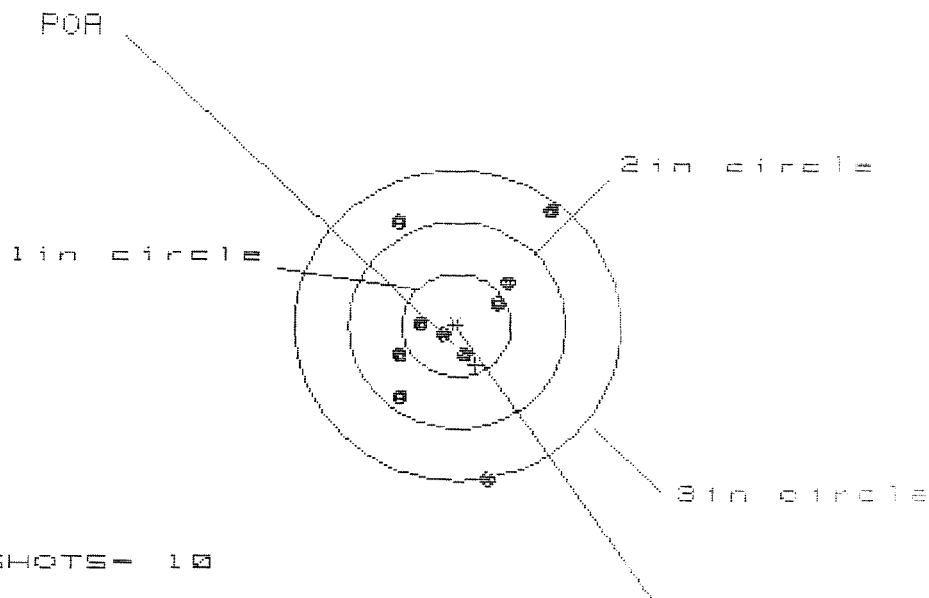
GS = 2.377

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.893	.729	.775
MINIMUM X	:	-1.476	-1.081	-1.035
MAXIMUM Y	:	.684	.670	.552
MINIMUM Y	:	-.928	-.942	-.600
CENTROID X	:	-.099	.065	.019
CENTROID Y	:	-.035	-.021	.097
POA TO CENTROID in.	:	.105	.068	.099
MIN RADIUS	:	.268	.409	.288
MEAN RADIUS	:	.804	.713	.668
MAX RADIUS	:	1.482	1.111	1.045
HORIZONTAL SPREAD	:	2.369	1.810	1.810
VERTICAL SPREAD	:	1.612	1.612	1.155
EXTREME SPREAD	:	2.377	1.940	1.841
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225479

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.419

VS= 2.566

GS= 2.639

CENTROID X

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.855	.882	.580
MINIMUM X	:	-.564	-.537	-.427
MAXIMUM Y	:	1.116	.955	1.083
MINIMUM Y	:	-1.450	-.799	-.679
CENTROID X	:	-.168	-.195	-.305
CENTROID Y	:	.385	.546	.426
POA TO CENTROID in.	:	.420	.579	.524
MIN RADIUS	:	.154	.296	.157
MEAN RADIUS	:	.736	.670	.562
MAX RADIUS	:	1.469	1.300	1.074
HORIZONTAL SPREAD	:	1.419	1.419	1.067
VERTICAL SPREAD	:	2.566	1.754	1.682
EXTREME SPREAD	:	2.639	2.229	1.682
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	