

C6225566

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

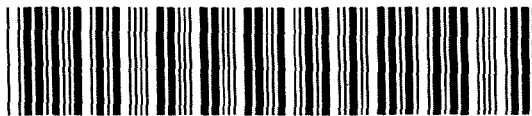
*Includes 1 in chamber.



Serial Number:-

C6225566

Model: 700



RE00022083

BARBER - M24 0051601

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225566
13 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1564
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167018

THE AMR FOR THIS RIFLE IS: 1.177

CENTROIDAL DISTANCES

0 TO	1	.249377
1 TO	2	.143951
1 TO	3	.394848
1 TO	4	.30263
1 TO	5	.546465

1 2 43
+ 5 <----POA

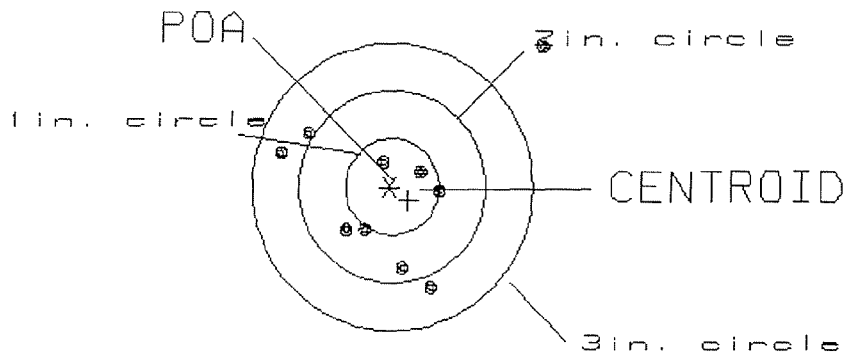
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .249
 MIN RADIUS : .241
 MEAN RADIUS : .870
 MAX RADIUS : 2.176
 CENTROID X : -.205
 CENTROID Y : .142

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225566

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.85
 VS= 2.46
 GS= 3.05

3
 6
 9

BARBER - M24 0051603

REMINGTON CENTERFIRE ACCURACY TEST

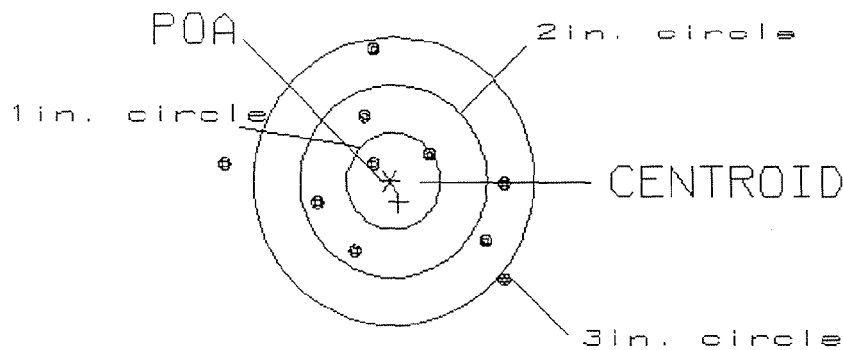
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .239
 MIN RADIUS : .271
 MEAN RADIUS : 1.029
 MAX RADIUS : 1.812
 CENTROID X : -.086
 CENTROID Y : .223

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225556

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.00

2

US= 2.42

5

GS= 3.24

8

BARBER - M24 0051604

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

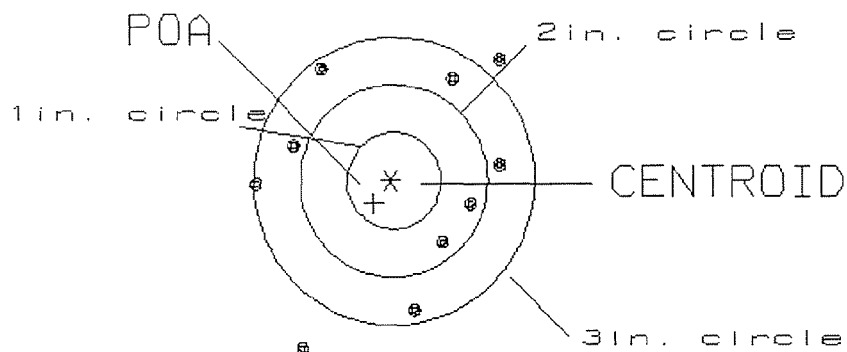
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .297
 MIN RADIUS : .794
 MEAN RADIUS : 1.318
 MAX RADIUS : 2.020
 CENTROID X : .178
 CENTROID Y : .238

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225556

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.65

0

VS= 3.01

2

GS= 3.69

7

BARBER - M24 0051605

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .224

MIN RADIUS : .607

MEAN RADIUS : 1.379

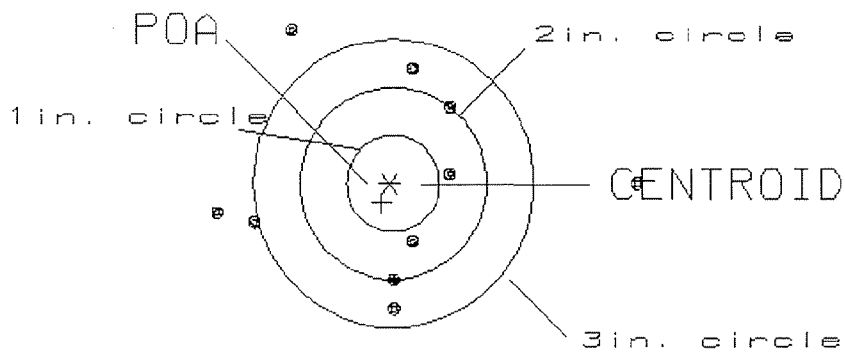
MAX RADIUS : 2.630

CENTROID X : .091

CENTROID Y : .205

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225566

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 4.49

0

VS= 2.90

3

GS= 4.50

6

BARBER - M24 0051606

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

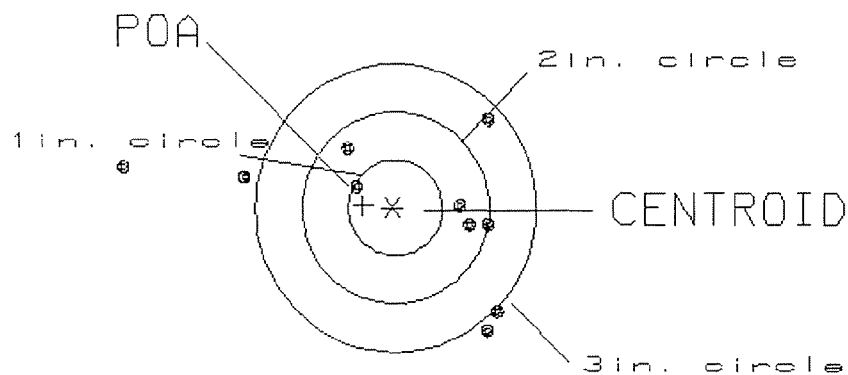
PATTERN #: 5

POA TO CENTROID: .316
 MIN RADIUS : .520
 MEAN RADIUS : 1.287
 MAX RADIUS : 2.910
 CENTROID X : .315
 CENTROID Y : -.026

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225566

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.96

0

VS= 2.22

4

GS= 4.26

7

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>22083</u>			
SERIAL NUMBER <u>C-6225566</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-2-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	2-12-01	CK
605	CHECK HEADSPACE	2-12-01	CK
610	DIS-ASSEMBLE GUN		
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	3-13-01	CK
655	FINAL INSPECT	3-15-01	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sni. C-622-5566

DATE REC'D:

DATE RET'D:

Auditor: CK

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[®]

MODEL 700TM 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.

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

SERIAL NO.
C6225566

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6225566

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225566

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RH.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/15/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/15/89	RW
	C) Inspect Ejector Hole for Chamfer		2/15/89	RW
	D) Oil Firing Pin Ass'y		2/15/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1526/89	QJ8

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			17 Feb 89	JS
	G) Safety Off Force	3	3	3			17 Feb 89	JS
	H) Trigger Pull Test & Retainability						15 Feb 89	JS
	I) Firing Pin Indent	.022	.022	.022			17 Feb 89	JS
	J) Assemble Stock						2/20/89	KW
	K) Assemble Swivel Studs						22 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/20/89	KW
	M) Iron Sight Alignment						2/20/89	KW
	N) Detach Front & Rear Sights & place in numbered container						2/20/89	KW
	O) Attach Scope to Rifle						21 Feb 89	JS
	P) Detach & Attach Scope 20 Times						21 Feb 89	JS
640	Gallery Target & Test	74 R	79 L				2/21/89	DA
	A) Time						2/21/89	DA
	B) Malfunctions						2/21/89	DA
	C) Pierced Primers						2/21/89	DA
	D) Optical Clarity of Scope						2/21/89	DA
645	Inspect for Live Ammo						2/21/89	DA
655	Final Inspection							
	A) Headspace						22 Feb 89	JS
	B) Trigger Pull	2.19	2.06	2.09	2.08	2.07	22 Feb 89	JS
	C) Function						22 Feb 89	JS
660	Pack						22 Mar 89	JS

BARBER - M24 0051612

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225566DATE 4/3/90TESTER PH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.35	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.29	2.18	
PULL #3	2.39	2.30	2.32	
PULL #4	2.35	2.30	2.37	
PULL #5	2.38	2.28	2.32	
TOTAL	11.92	11.52	11.46	
AVG.	2.38	2.31	2.29	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.12	3.08	
PULL #2	3.04	3.07	
PULL #3	3.07	3.07	
PULL #4	3.04	3.08	
PULL #5	3.04	3.06	
TOTAL	15.31	15.36	
AVG.	3.06	3.07	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.26		
PULL #2	4.22	4.24		
PULL #3	4.22	4.23		
PULL #4	4.21	4.21		
PULL #5	4.16	4.16		
TOTAL	20.99	21.10		
AVG.	4.19	4.22		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225566
22 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.09
1 TO	2	.6394
1 TO	3	.320894
1 TO	4	.524307
1 TO	5	.851683

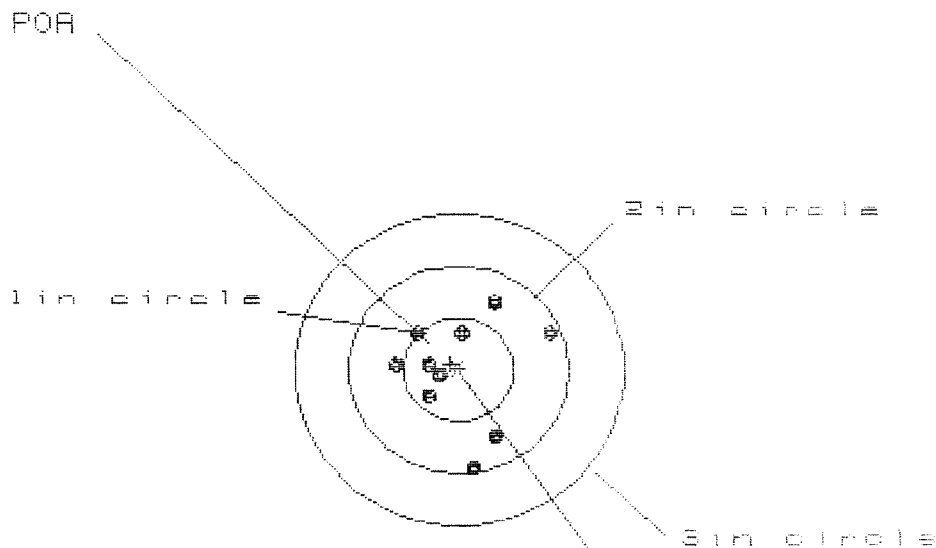
5
t₃⁺ (----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3852
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .438172
THE AMR FOR THIS RIFLE IS: .7398

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225566

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 10

3 in = 10

HS= 1.389

VS= 1.637

GS= 1.651

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.835	.845	.477
MINIMUM X	:	-.554	-.544	-.439
MAXIMUM Y	:	.659	.550	.585
MINIMUM Y	:	-.978	-.722	-.687
CENTROID X	:	.072	.062	-.044
CENTROID Y	:	-.054	.055	.020
POA TO CENTROID in.	:	.090	.083	.048
MIN RADIUS	:	.148	.216	.125
MEAN RADIUS	:	.547	.486	.402
MAX RADIUS	:	.982	.889	.836
HORIZONTAL SPREAD	:	1.389	1.389	.915
VERTICAL SPREAD	:	1.637	1.272	1.272
EXTREME SPREAD	:	1.651	1.421	1.273
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225566

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.467

VS = 1.780

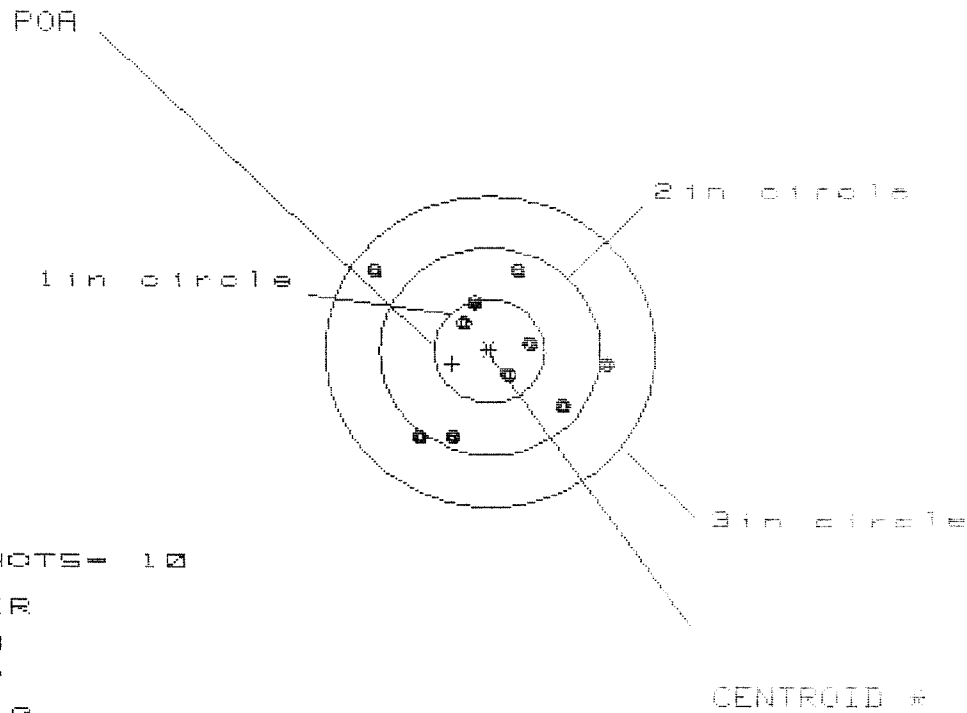
GS = 2.477

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.208	1.069	.786
MINIMUM X	:	-1.258	-.965	-.832
MAXIMUM Y	:	.881	.912	.922
MINIMUM Y	:	-.899	-.868	-.857
CENTROID X	:	.616	.756	.623
CENTROID Y	:	-.390	-.421	-.431
POA TO CENTROID in.	:	.730	.866	.758
MIN RADIUS	:	.289	.431	.311
MEAN RADIUS	:	.864	.815	.771
MAX RADIUS	:	1.288	1.121	1.212
HORIZONTAL SPREAD	:	2.467	2.034	1.618
VERTICAL SPREAD	:	1.780	1.780	1.780
EXTREME SPREAD	:	2.477	2.232	2.232
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG223566

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 2.037

VS = 1.672

GS = 2.229

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	.913	.816
MINIMUM X	:	-1.011	-.779	-.581
MAXIMUM Y	:	.822	.910	.820
MINIMUM Y	:	-.850	-.762	-.852
CENTROID X	:	.339	.452	.549
CENTROID Y	:	.124	.036	.126
POA TO CENTROID in.	:	.361	.453	.563
MIN RADIUS	:	.243	.122	.164
MEAN RADIUS	:	.739	.665	.601
MAX RADIUS	:	1.282	1.059	1.031
HORIZONTAL SPREAD	:	2.037	1.692	1.397
VERTICAL SPREAD	:	1.672	1.672	1.672
EXTREME SPREAD	:	2.229	1.862	1.780
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

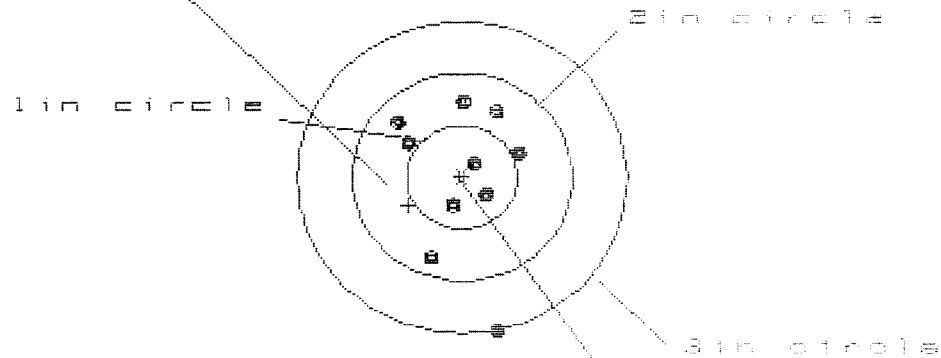
22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225566

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.121

VS= 2.180

GS= 2.202

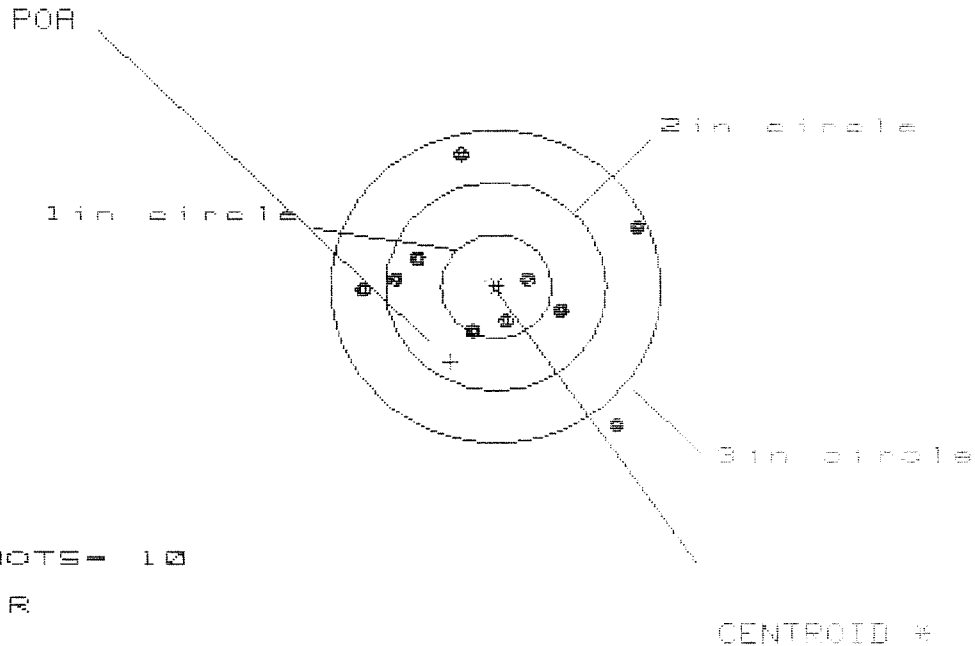
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.490	.523	.448
MINIMUM X	:	-.631	-.598	-.568
MAXIMUM Y	:	.756	.598	.645
MINIMUM Y	:	-1.424	-.938	-.991
CENTROID X	:	.485	.452	.527
CENTROID Y	:	.269	.427	.380
POA TO CENTROID in.	:	.554	.622	.649
MIN RADIUS	:	.197	.121	.080
MEAN RADIUS	:	.650	.544	.508
MAX RADIUS	:	1.454	.962	.936
HORIZONTAL SPREAD	:	1.121	1.121	1.016
VERTICAL SPREAD	:	2.180	1.536	1.536
EXTREME SPREAD	:	2.202	1.553	1.553
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225566

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 2

HS= 2.547

VS= 2.613

GS= 2.939

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.293	1.411	.928
MINIMUM X	-1.254	-1.136	-.968
MAXIMUM Y	1.269	1.119	1.173
MINIMUM Y	-1.344	-.565	-.511
CENTROID X	.414	.296	.120
CENTROID Y	.726	.876	.822
POA TO CENTROID in.	.836	.924	.831
MIN RADIUS	.280	.413	.424
MEAN RADIUS	.899	.820	.719
MAX RADIUS	1.710	1.474	1.173
HORIZONTAL SPREAD	2.547	2.547	1.880
VERTICAL SPREAD	2.613	1.684	1.684
EXTREME SPREAD	2.939	2.607	1.891
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	2		