

C6225063

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead[®]
No. 2-152-51

Repair Number: RE00000727		Serial: C6225063 Model 700 Center Fire Caliber: 7.62 SWS M-24 40FF		Repairman:	
Verify Repair				Status:	New 12/15/99 11:34:01 AM

Address Information		☒ Received From		☐ Received From	
Customer:		Return To:			
Name: TRANSPORTATION OFFICER		TRANSPORTATION OFFICER			
Address 1: ATTN:AFZB-DL-T0, BLDG 873		ATTN:AFZB-DL-T0, BLDG 873			
Address 2: PO Box:		PO Box:			
City: FORT CAMPBELL		FORT CAMPBELL			
State: KY Zip Code: 422231294 Country: US		State: KY Zip Code: 422231294 Country: US			
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐					

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information		Received Condition		Accessories Received										
Phone: 502-798-7154		Floor:		<table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A010	Hard Case	1	A017	Scope Base	1
Code	Desc	Qty												
A010	Hard Case	1												
A017	Scope Base	1												
Fax:		Condition Notes:												
Email:		CSF Notes:												
Comments:														

Repair Search	Refresh	Close
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B3L - 96003

Remington**TRACKING DOCUMENT**

Repair Order Number



Repair Order Numbe

RE00000727

Description/Serial

C6225063

Repairman -

Date Received 12/15/1999

Account # - R-

Model 700 Center Fire Caliber: 7.62

Estimate Date

SWS M-24 4OF5

Current Date - 12/16/1999

CustomerTRANSPORTATION OFFICER
ATTN:AFZB-DL-TO, BLDG 873Return ToTRANSPORTATION OFFICER
ATTN:AFZB-DL-TO, BLDG 873

FORT CAMPB KY 422231 US

FORT CAMPB KY 422231 US

Phone (H)

Fax

Phone (W)

Email

ProblemsReportedFound**Repair**Material # MaterialDescQuantity
NeededQuantity
FromQuantity
FromWarranty
(Y/N)

Total:

Serial Number: C6225063

Model ID: 700

**RE00000727**

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

BARBER - M24 0048079

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225063
23 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1788
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.149
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .232745

THE AMR FOR THIS RIFLE IS: 1.15

CENTROIDAL DISTANCES

Ø TO	1	.488529
1 TO	2	.653911
1 TO	3	.386478
1 TO	4	.982646
1 TO	5	.61347

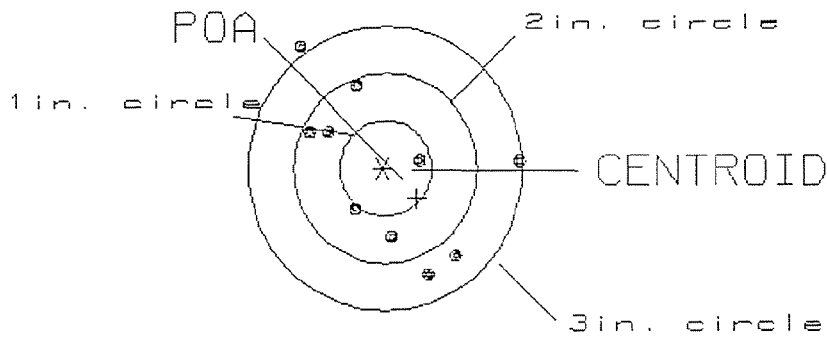
1
3 + <----POA
5 2
4

PATTERN #: 1
 POA TO CENTROID: .488
 MIN RADIUS : .343
 MEAN RADIUS : .957
 MAX RADIUS : 1.631
 CENTROID X : -.370
 CENTROID Y : .319

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225063.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.43

1

VS= 2.39

6

GS= 2.80

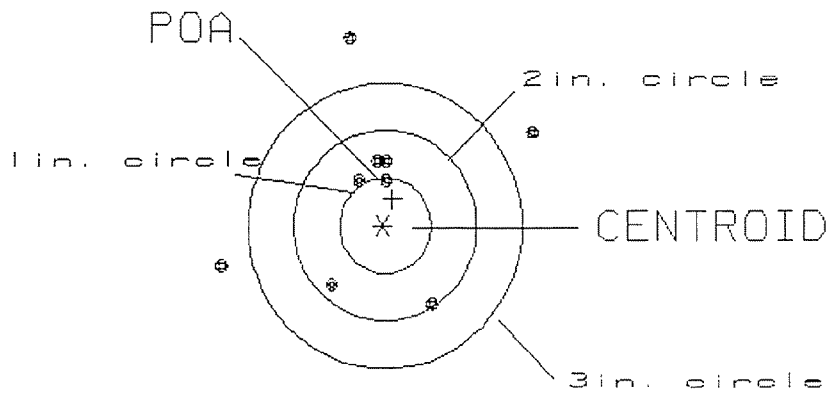
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .302
 MIN RADIUS : .485
 MEAN RADIUS : 1.361
 MAX RADIUS : 3.575
 CENTROID X : -.110
 CENTROID Y : -.281

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225063.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.41
 VS= 5.42
 GS= 5.58

1
 5
 6

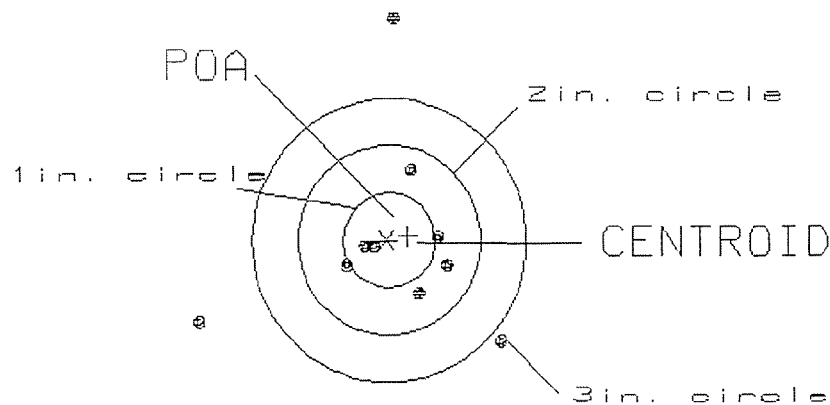
PATTERN #: 3

POA TO CENTROID: .235
 MIN RADIUS : .125
 MEAN RADIUS : .979
 MAX RADIUS : 2.333
 CENTROID X : -.232
 CENTROID Y : -.042

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225063.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.29
 VS= 3.44
 GS= 3.76

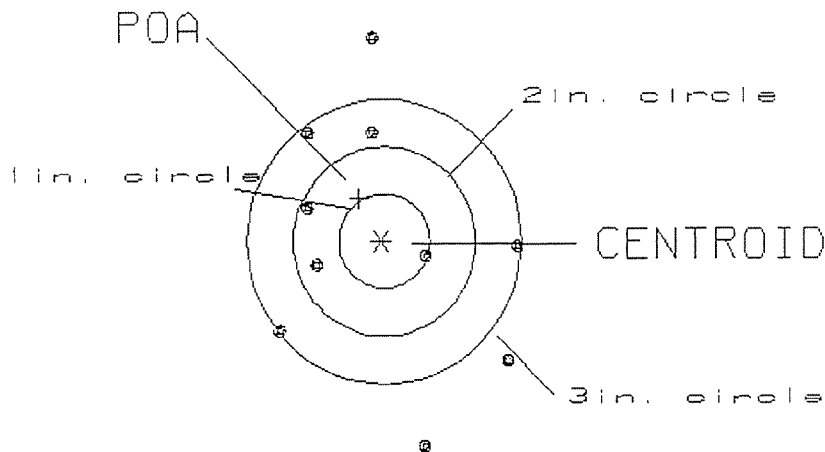
2
 7
 7

PATTERN #: 4
 POA TO CENTROID: .511
 MIN RADIUS : .472
 MEAN RADIUS : 1.388
 MAX RADIUS : 2.234
 CENTROID X : .243
 CENTROID Y : -.449

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225063.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 4.37
 GS= 4.41

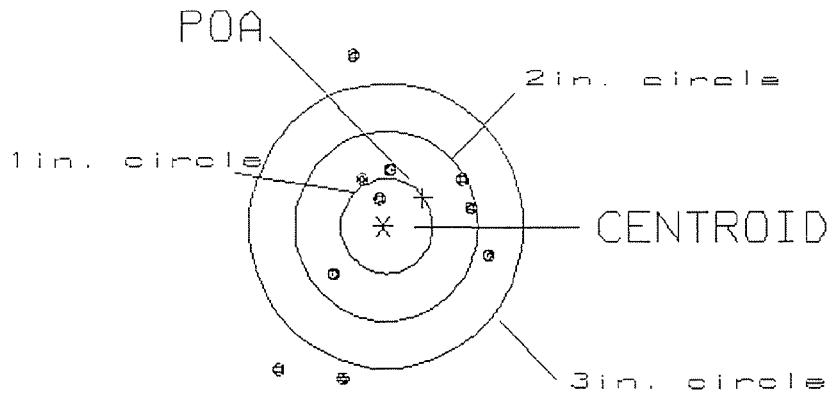
1
 3
 7

PATTERN #: 5
 POA TO CENTROID: .516
 MIN RADIUS : .259
 MEAN RADIUS : 1.065
 MAX RADIUS : 1.862
 CENTROID X : -.425
 CENTROID Y : -.292

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225063.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.30

1

VS= 3.34

6

GS= 3.34

7

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225063

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12/16/99	RW
560 A	RE-BARREL AT CUSTOM SHOP	12/16/99	RW
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

Final Inspection

S/N: C6225063

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:

Remington®

DUPONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6225063

ORDER NO.
5716

01

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



5716 C6225063

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225063

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17 89		RW
600	Proof	5 17 89		RW
607	Check Headspace	5 17 89		RW
610	Dis-assemble Gun	5 17 89		RW
612	Magnaflux Barrel Action		5/19	KCR
	Magnaflux Bolt		5/19	KCR
615	Rollmark Caliber		5/19	GS
617	Drill and Tap Sight Holes	5 22 89		FB
618	Polish Barrel	5 22 89		BT
620	Apply Coatings (Barrel Action)		5/26/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/89	RW
	C) Inspect Ejector Hole for Chamfer		5/30/89	RW
	D) Oil Firing Pin Ass'y		5/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/21/89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6/1/89	RW
	G) Safety Off Force	3	3	3			6/1/89	RW
	H) Trigger Pull Test & Retainability						5/5/89	RW
	I) Firing Pin Indent	.022	.022	.022			6/1/89	RW
	J) Assemble Stock						6/1/89	RW
	K) Assemble Swivel Studs						5/1/89	JD
	L) Attach Front and Rear Sight Assemblies						6/1/89	RW
	M) Iron Sight Alignment						6/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/89	RW
	O) Attach Scope to Rifle						6/1/89	JK
	P) Detach & Attach Scope 20 Times						4/1/89	JK
640	Gallery Target & Test	50 R	105L				6-1-89	JK
	A) Time						11	JK
	B) Malfunctions						11	JK
	C) Pierced Primers						11	JK
	D) Optical Clarity of Scope						11	JK
645	Inspect for Live Ammo						6-1-89	JK
655	Final Inspection							
	A) Headspace						5/1/89	JD
	B) Trigger Pull	2.66	2.80	2.86	2.88	2.25	5/1/89	JD
	C) Function						5/1/89	JD
660	Pack						2/2/89	JD

repaired stock at front Serial 13 Sept 89

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6225063

DATE 4/12/90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.50		2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.43		2.50	
PULL #3	2.49	2.47		2.54	
PULL #4	2.42	2.50		2.46	
PULL #5	2.49	2.49		2.52	
TOTAL	12.26	12.39		12.58	
AVG.	2.452	2.478		2.516	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.38		
PULL #2	3.39	3.42		
PULL #3	3.42	3.35		
PULL #4	3.45	3.49		
PULL #5	3.45	3.37		
TOTAL	17.12	17.01		
AVG.	3.424	3.402		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.36		
PULL #2	4.19	4.35		
PULL #3	4.34	4.37		
PULL #4	4.36	4.36		
PULL #5	4.35	4.25		
TOTAL	21.35	21.69		
AVG.	4.27	4.338		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225063
2 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.553624
1 TO	2	.659352
1 TO	3	.335596
1 TO	4	.348294
1 TO	5	.301559

$\frac{2.5}{4.13}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3516
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2734
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .445388
THE AMR FOR THIS RIFLE IS: .9116

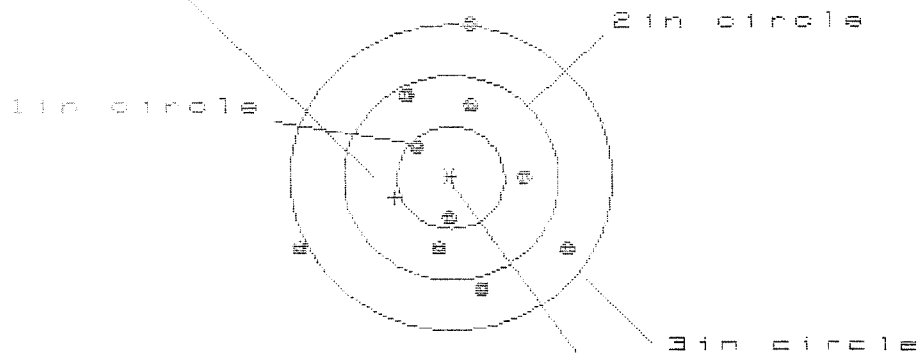
2 Jul 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225063

CENTERFIRE PATTERNS

1

POB



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.436

VS = 2.575

GS = 2.703

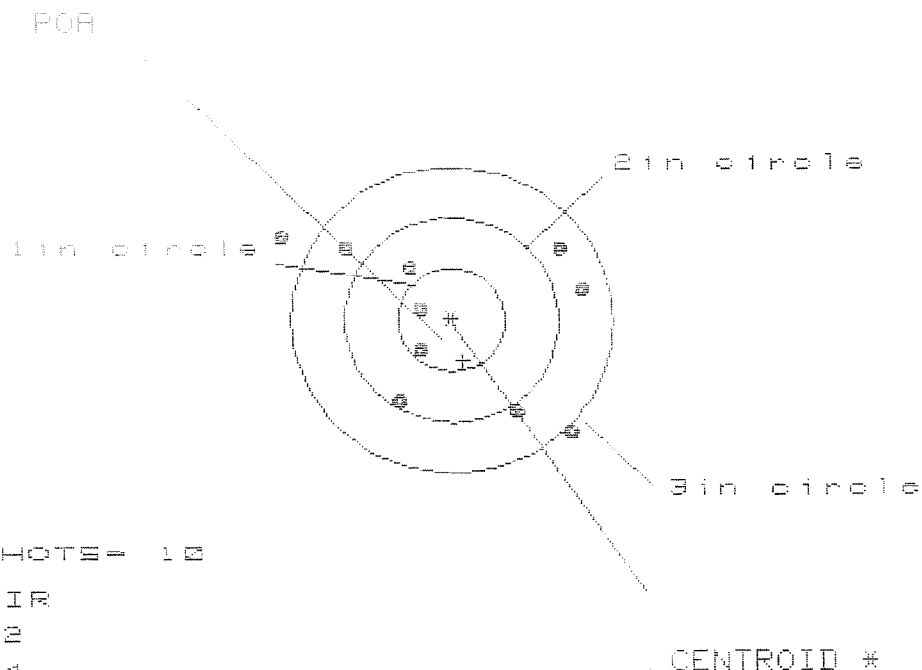
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.030	.874	.876
MINIMUM X	-1.406	-.584	-.583
MAXIMUM Y	1.532	1.453	.881
MINIMUM Y	-1.043	-1.117	-.935
CENTROID X	.520	.676	.674
CENTROID Y	.190	.264	.082
POB TO CENTROID in.	.554	.726	.679
MIN RADIUS	.367	.482	.324
MEAN RADIUS	.918	.844	.748
MAX RADIUS	1.556	1.458	1.056
HORIZONTAL SPREAD	2.436	1.458	1.458
VERTICAL SPREAD	2.575	2.575	1.816
EXTREME SPREAD	2.703	2.577	2.032
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

8 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225063

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.766

VS = 1.895

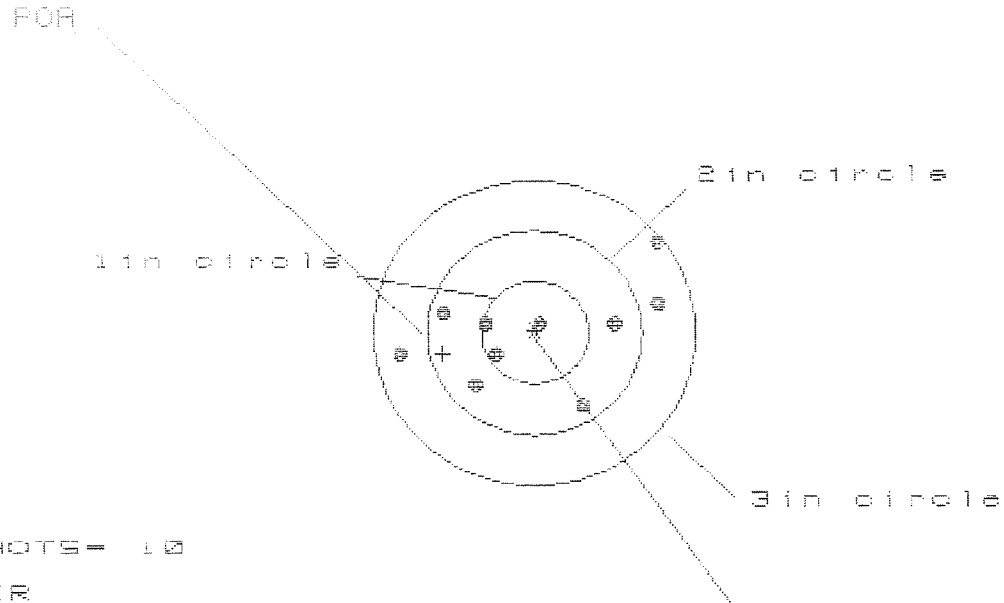
GS = 3.325

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.181	1.085	1.127
MINIMUM X	-1.585	-1.158	-1.036
MAXIMUM Y	.820	.781	.658
MINIMUM Y	-1.075	-.984	-.892
CENTROID X	-.107	.069	-.053
CENTROID Y	.394	.303	.426
POA TO CENTROID in.	.408	.310	.429
MIN RADIUS	.258	.453	.306
MEAN RADIUS	1.025	.953	.872
MAX RADIUS	1.784	1.386	1.217
HORIZONTAL SPREAD	2.766	2.163	2.163
VERTICAL SPREAD	1.895	1.765	1.550
EXTREME SPREAD	3.325	2.753	2.192
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

8 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225083

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 2.458

VS = 1.567

GS = 2.662

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.164	1.242	1.096
MINIMUM X	-1.294	-1.164	-.896
MAXIMUM Y	.860	.384	.376
MINIMUM Y	-.707	-.611	-.619
CENTROID X	.855	.725	.871
CENTROID Y	.210	.114	.122
POA TO CENTROID in.	.880	.734	.880
MIN RADIUS	.068	.211	.155
MEAN RADIUS	.816	.724	.679
MAX RADIUS	1.448	1.300	1.159
HORIZONTAL SPREAD	2.458	2.406	1.992
VERTICAL SPREAD	1.567	.995	.995
EXTREME SPREAD	2.662	2.448	1.993
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

2 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225063

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.259

VS= 1.939

GS= 2.344

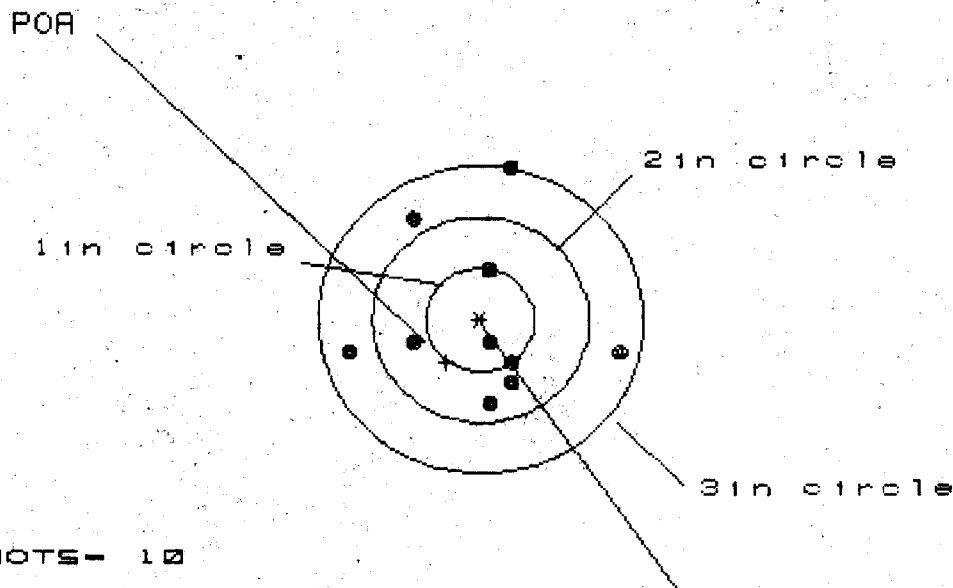
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.081	.950	.849
MINIMUM X	:	-1.178	-.807	-.792
MAXIMUM Y	:	1.002	.929	1.016
MINIMUM Y	:	-.937	-1.010	-.894
CENTROID X	:	.173	.304	.405
CENTROID Y	:	.160	.233	.117
POR TO CENTROID in.	:	.236	.383	.422
MIN RADIUS	:	.395	.252	.210
MEAN RADIUS	:	.932	.864	.801
MAX RADIUS	:	1.349	1.230	1.018
HORIZONTAL SPREAD	:	2.259	1.757	1.641
VERTICAL SPREAD	:	1.939	1.939	1.910
EXTREME SPREAD	:	2.344	2.184	1.947
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225063

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in = 10

HS = 2.540

VS = 2.262

GS = 2.540

CENTROID *

PATTERN #	1	5	9	8
SHOTS (BEST OF)	10	9	9	8
MAXIMUM X	1.276	1.311	1.311	.482
MINIMUM X	-1.264	-1.229	-1.229	-1.065
MAXIMUM Y	1.466	1.182	1.182	1.160
MINIMUM Y	-.796	-.633	-.633	-.655
CENTROID X	.317	.282	.282	.118
CENTROID Y	.413	.250	.250	.272
POA TO CENTROID in.	.520	.377	.377	.297
MIN RADIUS	.225	.146	.146	.311
MEAN RADIUS	.867	.763	.763	.710
MAX RADIUS	1.499	1.323	1.323	1.231
HORIZONTAL SPREAD	2.540	2.540	2.540	1.548
VERTICAL SPREAD	2.262	1.815	1.815	1.815
EXTREME SPREAD	2.540	2.540	2.540	1.958
NUMBER IN ONE INCH CIRCLE =		2	2	
NUMBER IN TWO INCH CIRCLE =		6	6	
NUMBER IN THREE INCH CIRCLE =		10	10	