

C6225130

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Number: RE00000728		Serial: C6225130 Model 700 Center Fire Caliber: 7.62 SWS M-24 50F5		Repairman:										
Verify Repair				Status:	New 12/15/99 11:34:24 AM									
Address Information														
Customer:		☒ Received From		Return To: ☐ Received From										
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												
Contact Information Phone: 502 798 7154 Fax: Email: Comments:		Received Condition Poor Condition Notes: CSR Notes:		Accessories Received <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												
Repair Search		Refresh		Close										

BBL - 96003

Repair Order Number



Repair Order Numbe RE00000728	Description/Serial C6225130	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 50F5	Estimate Date Current Date - 12/16/1999
Customer TRANSPORTATION OFFICER ATTN:AFZB-DL-TO,BLDG 873 FORT CAMPB KY 422231 US		Return To TRANSPORTATION OFFICER ATTN:AFZB-DL-TO,BLDG 873 FORT CAMPB KY 422231 US
Phone (H) Phone (W)		Fax Email

Problems	
<u>Reported</u>	<u>Found</u>

		Repair			
<u>Material #</u>	<u>MaterialDesc</u>	<u>Quantity Needed</u>	<u>Quantity From</u>	<u>Quantity From</u>	<u>Warranty (Y/N)</u>
Total:					

Serial Number: C6225130

Model ID: 700



RE00000728

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

BARBER - M24 0049685

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225130
22 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .239907

THE AMR FOR THIS RIFLE IS: 1.05

CENTROIDAL DISTANCES

0 TO	1	.30593
1 TO	2	.273265
1 TO	3	.0743303
1 TO	4	.407236
1 TO	5	.579687

5
4+ <----POA
13 2

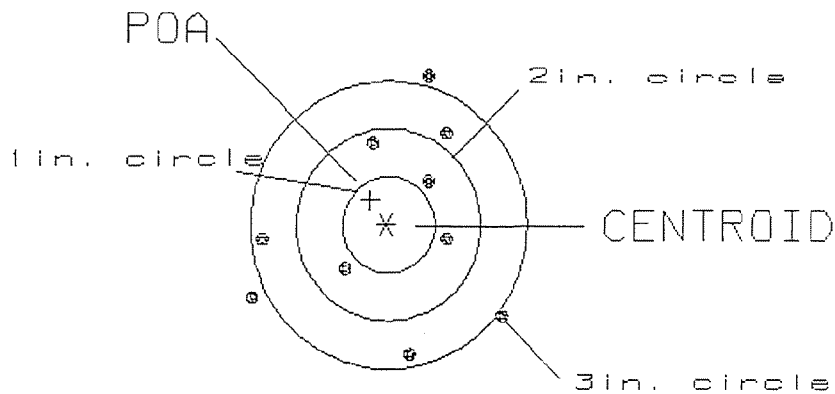
PATTERN #: 1

POA TO CENTROID: .306
 MIN RADIUS : .618
 MEAN RADIUS : 1.135
 MAX RADIUS : 1.631
 CENTROID X : .172
 CENTROID Y : -.253

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225130

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.66
 VS= 2.83
 GS= 2.92

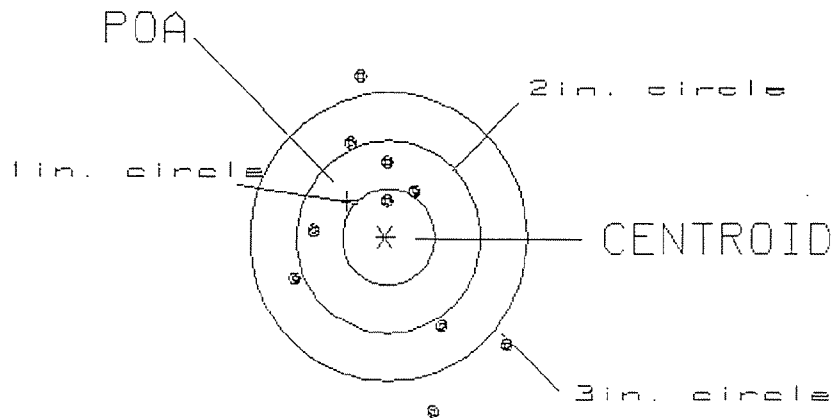
0
 4
 7

PATTERN #: 2
 POA TO CENTROID: .561
 MIN RADIUS : .352
 MEAN RADIUS : 1.113
 MAX RADIUS : 1.887
 CENTROID X : .415
 CENTROID Y : -.378

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225130

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.34
 VS= 3.54
 GS= 3.61

1
 4
 7

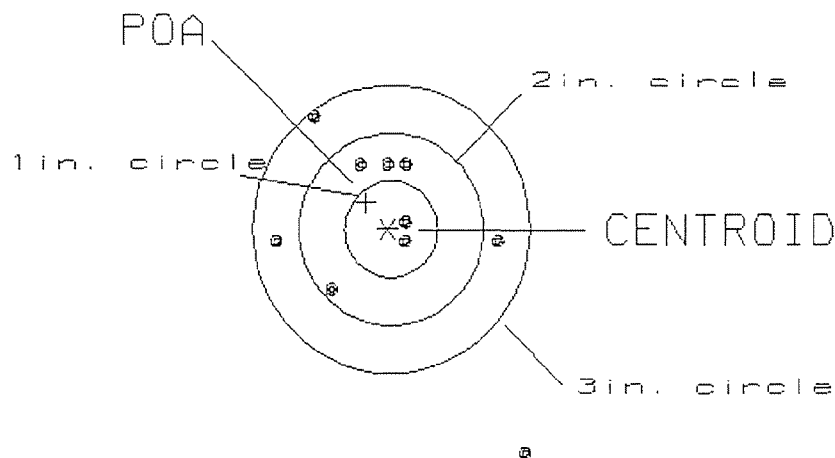
PATTERN #: 3

POA TO CENTROID: .367
 MIN RADIUS : .131
 MEAN RADIUS : .994
 MAX RADIUS : 2.724
 CENTROID X : .243
 CENTROID Y : -.275

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225130

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.70
 VS= 3.48
 GS= 4.18

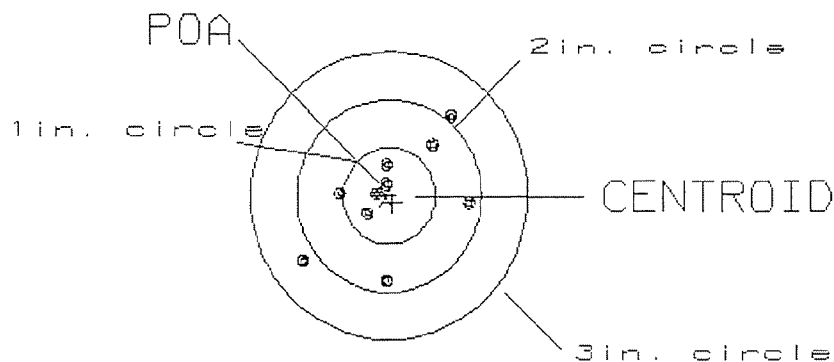
2
 6
 9

PATTERN #: 4
 POA TO CENTROID: .102
 MIN RADIUS : .093
 MEAN RADIUS : .601
 MAX RADIUS : 1.126
 CENTROID X : -.068
 CENTROID Y : .076

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225130

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.72

4

VS= 1.67

6

GS= 2.17

10

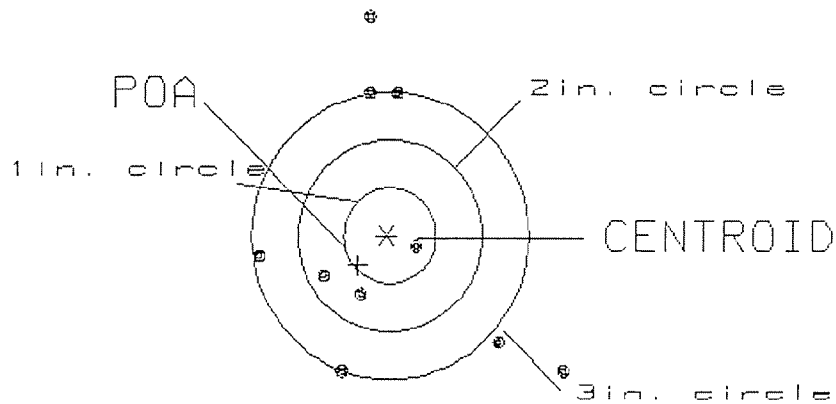
PATTERN #: 5

POA TO CENTROID: .442
MIN RADIUS : .254
MEAN RADIUS : 1.408
MAX RADIUS : 2.389
CENTROID X : .318
CENTROID Y : .308

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225130

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.34
VS= 3.72
GS= 4.29

1
3
5

Final Inspection

Sni: C6225130

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:

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6 225/30

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®

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

DUPONT

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

MODEL 700™ M24

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

SERIAL NO.
C6225130

ORDER NO.
5716

20

UPC

0 47700 25716 7

5716 C6225130

SCOPE #
0505

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	Pfe.
	Magnaflux Bolt		9-14-88	Pfe.
615	Rollmark Caliber		9-20-88	AS
617	Drill & Tap Sight Holes		9-27-88	FB
618	Polish Barrel		9-27-88	BT
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		1/11/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/11/89	RW
	C) Inspect Ejector Hole for Chamfer		1/11/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		1/4/89	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		10 Jan 89	JS
	F) Safety on Force	5 5 5	11 Jan 89	JS
	G) Safety off Force	3 3 3	11 Jan 89	JS
	H) Trigger Pull Test & Retainability		10 Jan 89	JS
	I) Firing Pin Indent	.021 .0215 .0215	11 Jan 89	JS
	J) Assemble Stock		1/11/89	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		1/11/89	RW
	M) Iron Sight Alignment		1/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container		1/11/89	RW
	O) Attach Scope to Rifle		16 Jan 89	JS
	P) Detach & Attach Scope 20 times		16 Jan 89	JS
640	Gallery Target & Test	49 R 103L	1-19-89	AC
	A) Optical Clarity of Scope	OK	1-19-89	AC
645	Inspect for Live Ammo	NONE	1-19-89	AC
655	Final Inspection			
	A) Headspace		27 Jan 89	JS
	B) Trigger Pull		27 Jan 89	JS
	C) Function		27 Jan 89	JS
660	Pack		25 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5130

DATE 6/29/90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.41	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.42	2.45	
PULL #3	2.35	2.37	2.30	
PULL #4	2.34	2.35	2.40	
PULL #5	2.37	2.34	2.35	
TOTAL	11.80	11.89	11.92	
AVG.	2.36	2.378	2.384	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.20		
PULL #2	3.18	3.20		
PULL #3	3.18	3.22		
PULL #4	3.16	3.21		
PULL #5	3.20	3.20		
TOTAL	15.98	16.03		
AVG.	3.196	3.206		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.23		4.22
PULL #2	4.23	4.14		4.21
PULL #3	4.22	4.23		4.24
PULL #4	4.22	4.22		4.22
PULL #5	4.20	4.23		4.23
TOTAL	21.08	21.05		21.12
AVG.	4.216	4.21		4.224

*Jan 29, 1989*CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225130

CENTROIDAL DISTANCES

0	TO	1	.0722772
1	TO	2	.633942
1	TO	3	.521967
1	TO	4	.498658
1	TO	5	.342317

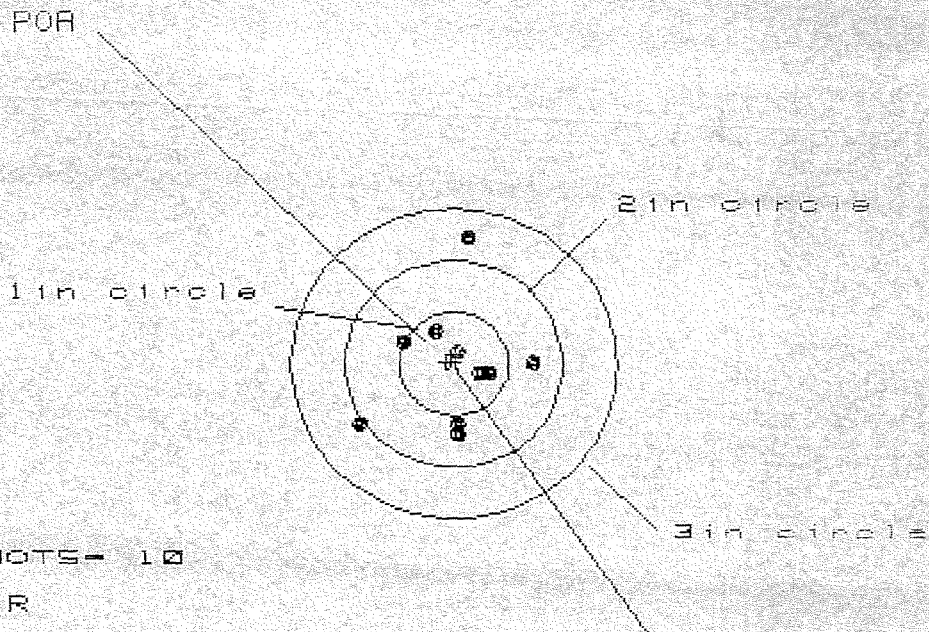
2		
3	+	<----POA
4		
5		

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0164
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214029
THE AMR FOR THIS RIFLE IS: .833

29 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225130

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.583

VS= 1.879

GS= 2.056

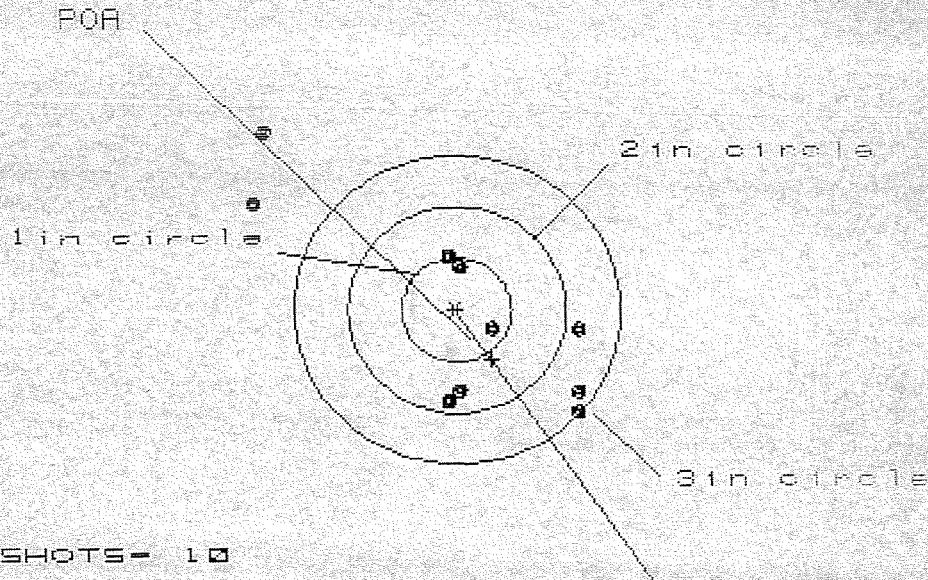
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.736	.756	.652
MINIMUM X	-.847	-.827	-.541
MAXIMUM Y	1.243	.435	.385
MINIMUM Y	-.636	-.498	-.548
CENTROID X	.070	.050	.154
CENTROID Y	-.018	-.156	-.106
POA TO CENTROID in.	.072	.164	.187
MIN RADIUS	.108	.245	.138
MEAN RADIUS	.568	.496	.415
MAX RADIUS	1.256	.920	.660
HORIZONTAL SPREAD	1.583	1.583	1.193
VERTICAL SPREAD	1.879	.933	.933
EXTREME SPREAD	2.056	1.676	1.209
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

20 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225130

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.037

VS= 2.660

GS= 3.918

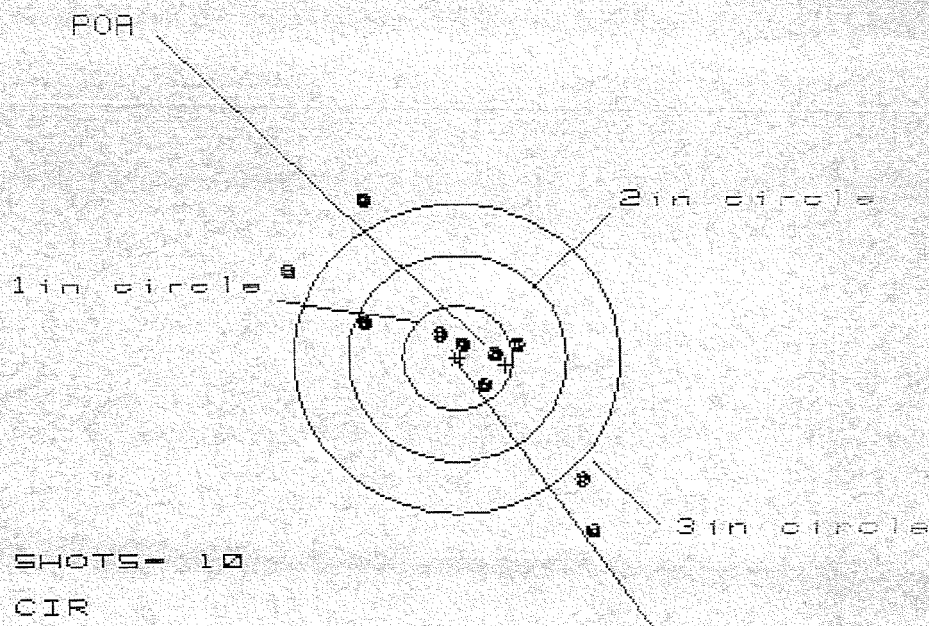
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	.963	.704
MINIMUM X	:	-1.877	-2.074	-.579
MAXIMUM Y	:	1.717	1.228	.908
MINIMUM Y	:	-.943	-.752	-.599
CENTROID X	:	-.321	-.124	.135
CENTROID Y	:	.481	.290	.137
POA TO CENTROID in.	:	.578	.316	.193
MIN RADIUS	:	.422	.169	.160
MEAN RADIUS	:	1.176	.967	.743
MAX RADIUS	:	2.466	2.410	1.049
HORIZONTAL SPREAD	:	3.037	3.037	1.283
VERTICAL SPREAD	:	2.660	1.980	1.507
EXTREME SPREAD	:	3.918	3.582	1.912
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225130

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 6

HS = 2.743

VS = 3.198

GS = 3.835

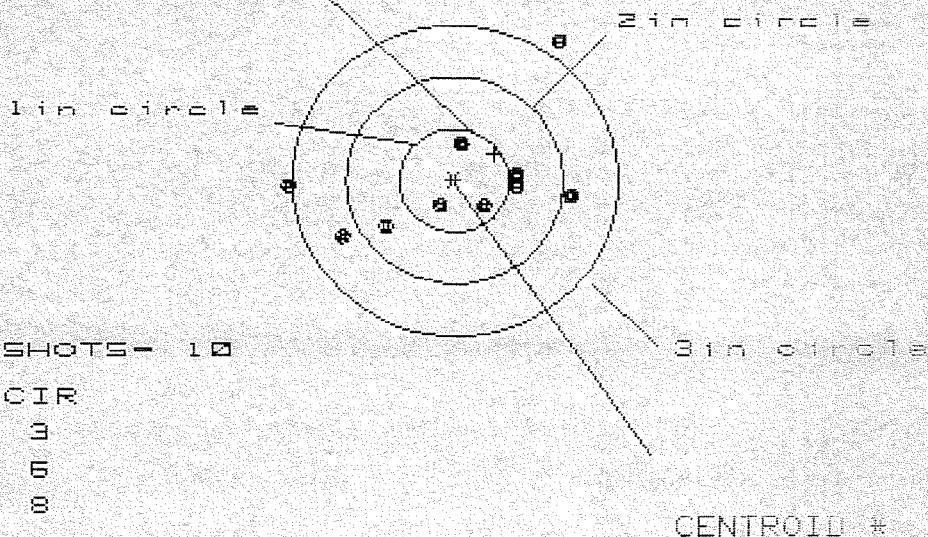
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.219	1.287	1.192
MINIMUM X	-1.524	-1.388	-1.484
MAXIMUM Y	1.498	1.310	.761
MINIMUM Y	-1.700	-1.308	-1.145
CENTROID X	-.445	-.581	-.486
CENTROID Y	.067	.255	.092
POA TO CENTROID in.	.450	.634	.494
MIN RADIUS	.104	.005	.095
MEAN RADIUS	.964	.835	.728
MAX RADIUS	2.092	1.835	1.667
HORIZONTAL SPREAD	2.743	2.675	2.675
VERTICAL SPREAD	3.198	2.618	1.906
EXTREME SPREAD	3.835	3.325	3.285
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225130

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.606

VS= 1.937

GS= 2.909

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.036	1.145	.963
MINIMUM X	:	-1.570	-1.461	-1.121
MAXIMUM Y	:	1.396	.468	.487
MINIMUM Y	:	-.541	-.386	-.367
CENTROID X	:	-.366	-.475	-.292
CENTROID Y	:	-.260	-.415	-.434
POA TO CENTROID in.	:	.449	.631	.523
MIN RADIUS	:	.294	.119	.204
MEAN RADIUS	:	.827	.719	.590
MAX RADIUS	:	1.705	1.469	1.179
HORIZONTAL SPREAD	:	2.606	2.606	2.083
VERTICAL SPREAD	:	1.937	.854	.854
EXTREME SPREAD	:	2.909	2.611	2.116
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

20 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225130

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 1.934

VS= 1.680

GS= 2.137

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	.626	.534
MINIMUM X	:	-.877	-.760	-.802
MAXIMUM Y	:	.910	.945	.344
MINIMUM Y	:	-.770	-.669	-.551
CENTROID X	:	-.005	-.122	-.080
CENTROID Y	:	-.352	-.453	-.571
POA TO CENTROID in.	:	.352	.469	.577
MIN RADIUS	:	.142	.199	.224
MEAN RADIUS	:	.630	.538	.464
MAX RADIUS	:	1.395	1.004	.832
HORIZONTAL SPREAD	:	1.934	1.386	1.386
VERTICAL SPREAD	:	1.680	1.614	.895
EXTREME SPREAD	:	2.137	1.879	1.586
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	