

C6498838

78

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

C 6498838

Scope S/N 88-1075

Repair Number: RE00000734		Serial: C6498838 Model 700 Center Fire Caliber: 7.62 SWS M-24 TOF 18		Repairman:																			
Verify Repair				Status:	New 12/15/99 11:02:54 AM																		
Address Information																							
Customer:		☒ Received From		Return To: ☐ Received From																			
Name: TRANSPORTATION OFFICER		Name: TRANSPORTATION OFFICER																					
Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG		Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG																					
Address 2: BUILDING J-2050		PO Box:		Address 2: BUILDING J-2050																			
City: FORT BRAGG				City: FORT BRAGG																			
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US																					
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																							
Contact / Condition		Problems		Estimate																			
History / Status		Shipping / Billing																					
Contact Information Phone: Fax: Email: Comments:		Received Condition Condition: Poor 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>A016</td> <td>Scope Mounts</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td colspan="3">[REDACTED]</td> </tr> </tbody> </table>		Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1	[REDACTED]		
Code	Desc	Qty																					
A010	Hard Case	1																					
A016	Scope Mounts	2																					
A017	Scope Base	1																					
A026	Scope	1																					
[REDACTED]																							
Repair Search		Refresh		Close																			

BBL 96003

Remington**TRACKING DOCUMENT**

Repair Order Number



Repair Order Number RE00000734	Description/Serial C6498838	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 , 1OF 18	Estimate Date
		Current Date - 12/16/1999
Customer TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US		Return To TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT BUILDING J-2050 FORT BRAGG NC 28310 US
Phone (H)	Fax	
Phone (W)	Email	

Problems	
Reported	Found

Repair		Quantity	Quantity	Quantity	Warranty
Material #	MaterialDesc	Needed	From	From	(Y/N)
Total:					
Serial Number: C6498838					
Model ID: 700					

**RE00000734**

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

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6498838

7 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .161

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0004

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .161001

THE AMR FOR THIS RIFLE IS: .9848

CENTROIDAL DISTANCES

0 TO	1	.245931
1 TO	2	.662616
1 TO	3	.34798
1 TO	4	.560904
1 TO	5	.540119

4 2
+ 5----POA
3 1

REMINGTON CENTERFIRE ACCURACY TEST

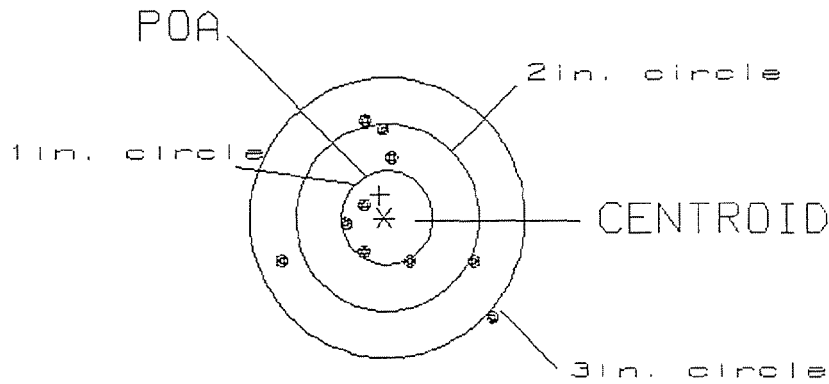
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .246
 MIN RADIUS : .260
 MEAN RADIUS : .815
 MAX RADIUS : 1.520
 CENTROID X : .049
 CENTROID Y : -.241

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.27
 VS= 2.12
 GS= 2.54

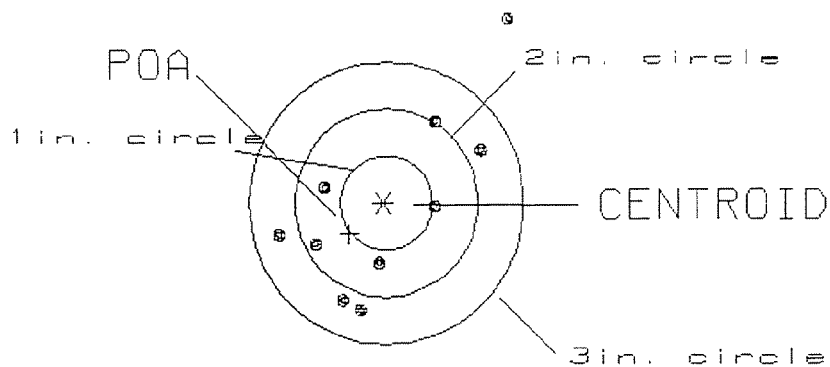
3
 6
 9

PATTERN #: 2
 POA TO CENTROID: .502
 MIN RADIUS : .479
 MEAN RADIUS : 1.073
 MAX RADIUS : 2.402
 CENTROID X : .373
 CENTROID Y : .337

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.50

1

VS= 3.14

4

GS= 3.56

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .444

MIN RADIUS : .415

MEAN RADIUS : .940

MAX RADIUS : 1.734

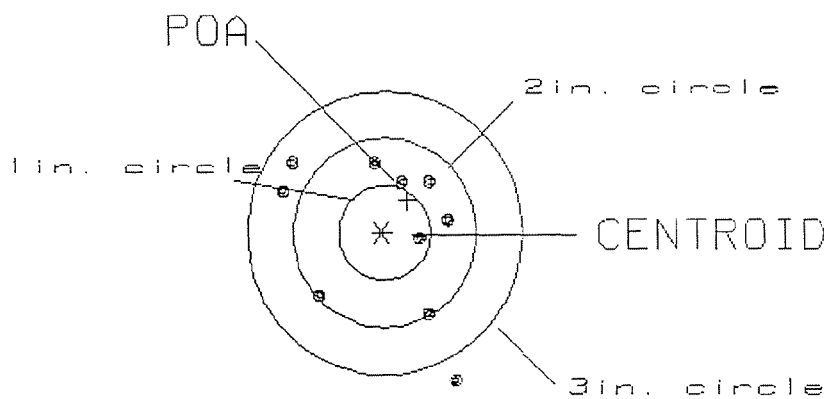
CENTROID X : -.284

CENTROID Y : -.342

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.91

1

VS= 2.32

6

GS= 2.90

9

REMINGTON CENTERFIRE ACCURACY TEST

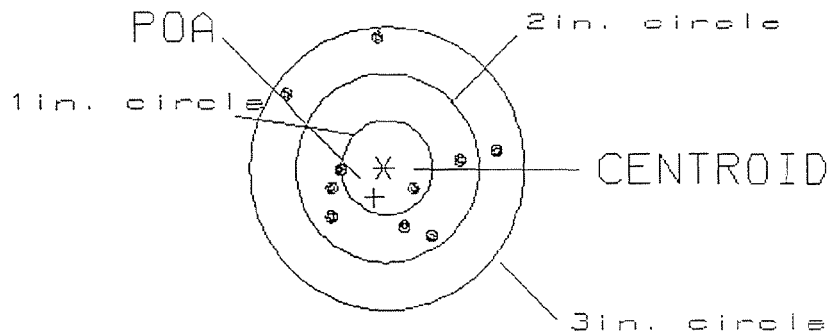
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .335
 MIN RADIUS : .397
 MEAN RADIUS : .856
 MAX RADIUS : 1.394
 CENTROID X : .106
 CENTROID Y : .317

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.26

2

VS= 2.14

7

GS= 2.33

10

REMINGTON CENTERFIRE ACCURACY TEST

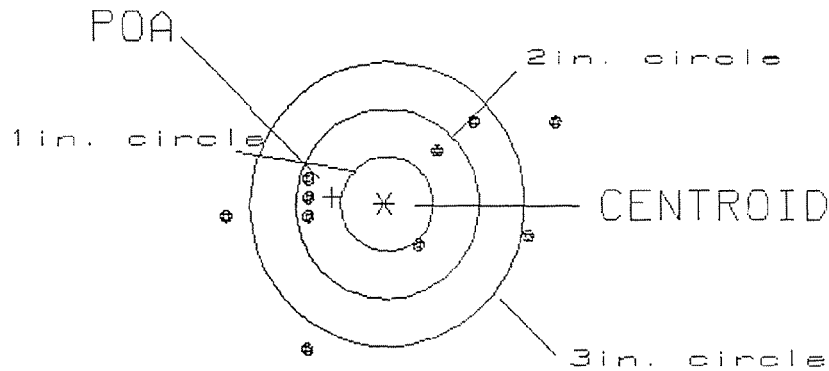
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .565
 MIN RADIUS : .558
 MEAN RADIUS : 1.240
 MAX RADIUS : 2.006
 CENTROID X : .561
 CENTROID Y : -.069

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.56
 VS= 2.48
 GS= 3.71

0
 5
 6

Final Inspection

Sn: C6498838

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. C6498838

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	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	4-3-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Remington[®]

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.

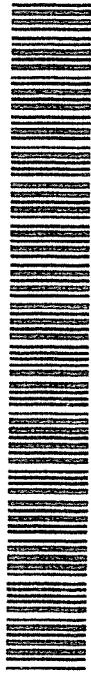
DU PONT
PFC, US PAT. B.T.M. OFF.

SERIAL NO. C6498838	ORDER NO. 5716
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UPC

0 47700 25716 7

5716 C6498838



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498838

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	G.S.
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6-4-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	gl

BARBER - M24 0008684

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/12/90	gcl
	G) Safety Off Force	2	2	2			6/12/90	gcl
	H) Trigger Pull Test & Retainability						6/11/90	gcl
	I) Firing Pin Indent	.022	.0225	.022			6/12/90	gcl
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/14/90	gcl
	L) Attach Front and Rear Sight Assemblies						6/12/90	RW
	M) Iron Sight Alignment						6/12/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/12/90	RW
	O) Attach Scope to Rifle						6/12/90	WB
	P) Detach & Attach Scope 20 Times						6/12/90	WB
640	Gallery Target & Test						6-13-90	AC
	A) Time						6-13-90	AC
	B) Malfunctions						6-13-90	AC
	C) Pierced Primers						6-13-90	AC
	D) Optical Clarity of Scope						6-13-90	AC
645	Inspect for Live Ammo						6-13-90	AC
655	Final Inspection							
	A) Headspace						6/14/90	gcl
	B) Trigger Pull	2.10	2.13	2.14	2.16	2.18	6-14-90	gcl
	C) Function						6/14/90	gcl
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498838

DATE 6-11-90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.21	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.42	2.27	2.13	
PULL #3	2.47	2.45	2.30	2.14	
PULL #4	2.11	2.48	2.22	2.16	
PULL #5	2.41	2.48	2.25	2.18	
TOTAL	11.81	12.24	11.25		
AVG.	2.362	2.448	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.20	3.22		
PULL #3	3.14	3.35		
PULL #4	3.28	3.40		
PULL #5	3.47	3.32		
TOTAL	16.35	16.44		
AVG.	3.27	3.288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.25		4.46
PULL #2	4.41	4.29		4.44
PULL #3	4.43	4.26		4.47
PULL #4	4.40	4.23		4.50
PULL #5	4.44	4.38		4.39
TOTAL	22.12	21.41		22.21
AVG.	4.424	4.282		4.442

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498838
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.317616
1 TO	2	.2067
1 TO	3	.138452
1 TO	4	.423449
1 TO	5	.284084

✱ -----FOR

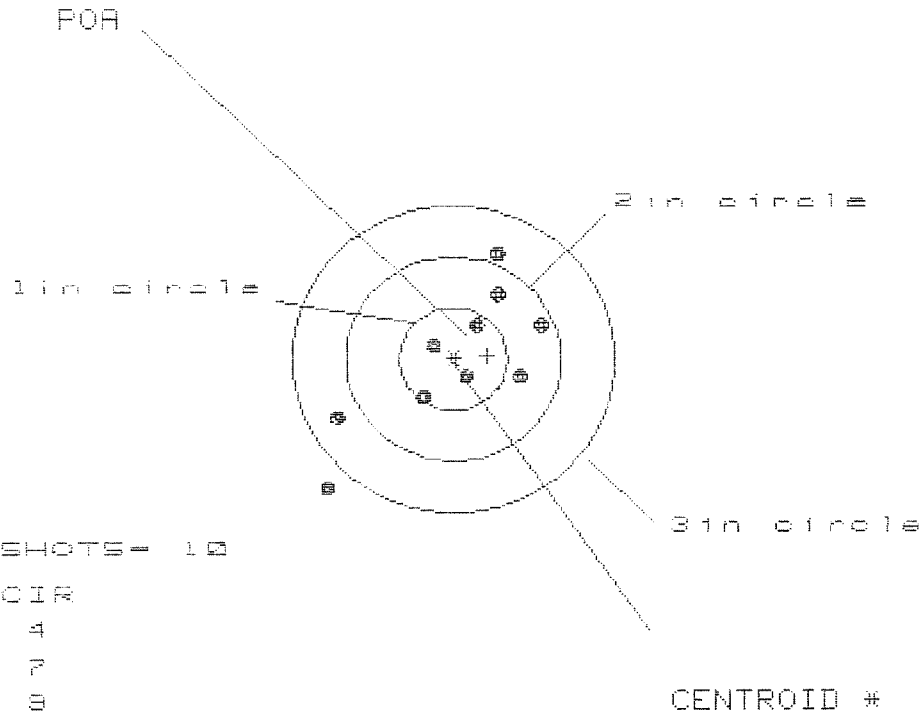
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121416
THE AMR FOR THIS RIFLE IS: .7098

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498838

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS = 1.947

VS = 2.243

GS = 2.755

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.808

.682

.534

MINIMUM X

:

-1.139

-1.187

-.603

MAXIMUM Y

:

1.011

.874

.789

MINIMUM Y

:

-1.232

-.674

-.585

CENTROID X

:

-.316

-.189

-.041

CENTROID Y

:

-.032

.105

.190

FOR TO CENTROID in.

:

.317

.216

.194

MIN RADIUS

:

.157

.267

.153

MEAN RADIUS

:

.763

.638

.528

MAX RADIUS

:

1.678

1.365

.840

HORIZONTAL SPREAD

:

1.947

1.869

1.137

VERTICAL SPREAD

:

2.243

1.548

1.374

EXTREME SPREAD

:

2.755

2.171

1.585

NUMBER IN ONE INCH CIRCLE =

:

4

7

9

NUMBER IN TWO INCH CIRCLE =

:

7

9

NUMBER IN THREE INCH CIRCLE =

:

9

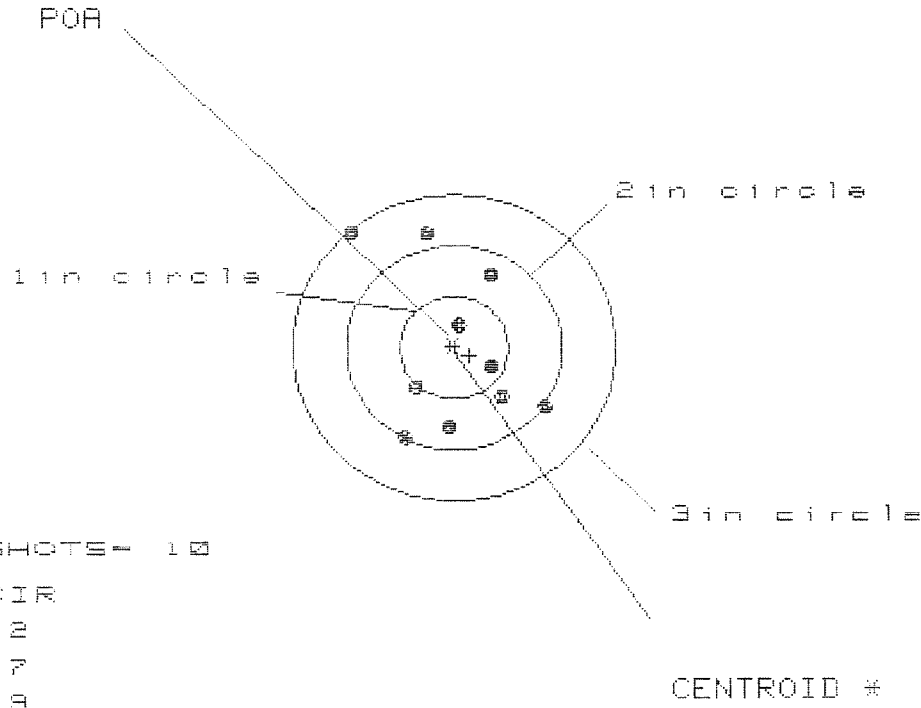
9

9

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498838

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.863

VS= 2.037

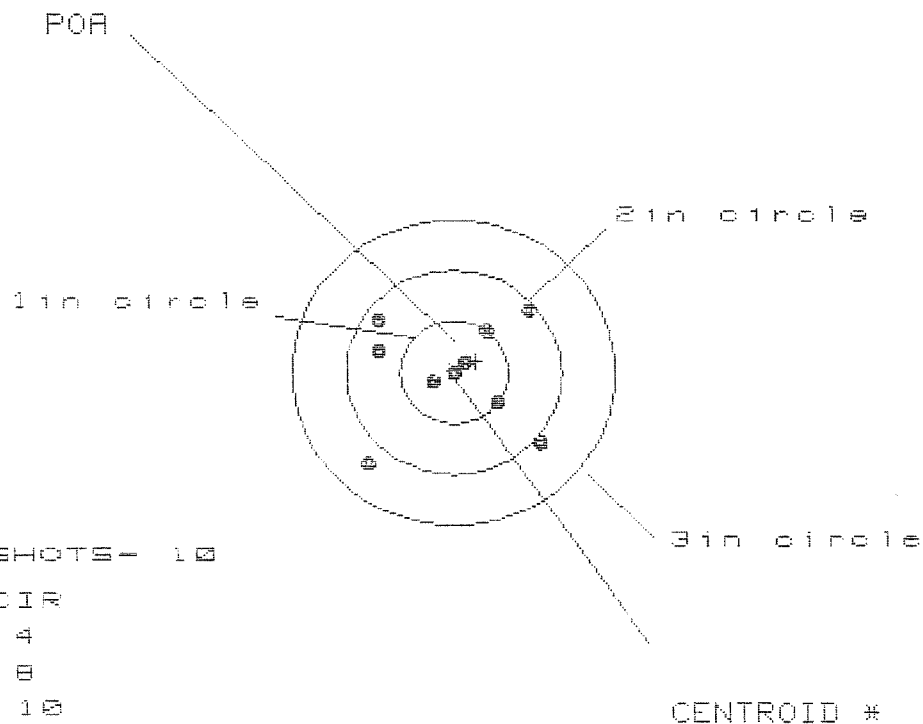
GS= 2.529

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.760	.720
MINIMUM X	:	-.993	-.522	-.562
MAXIMUM Y	:	1.170	1.299	1.006
MINIMUM Y	:	-.867	-.738	-.575
CENTROID X	:	-.141	-.031	.009
CENTROID Y	:	.078	-.051	-.214
POA TO CENTROID in.	:	.161	.060	.214
MIN RADIUS	:	.242	.210	.213
MEAN RADIUS	:	.805	.692	.587
MAX RADIUS	:	1.526	1.339	1.019
HORIZONTAL SPREAD	:	1.863	1.282	1.282
VERTICAL SPREAD	:	2.037	2.037	1.581
EXTREME SPREAD	:	2.529	2.047	1.740
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498838

CENTERFIRE PATTERNS # 3

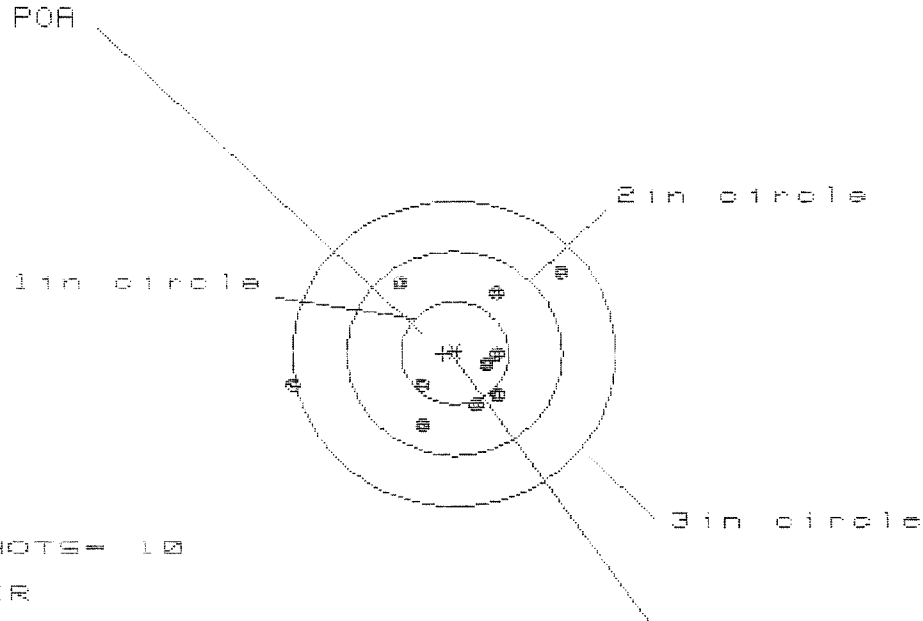


PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.790	.702	.698
MINIMUM X	-.799	-.749	-.662
MAXIMUM Y	.656	.552	.451
MINIMUM Y	-.933	-.812	-.445
CENTROID X	-.203	-.115	-.202
CENTROID Y	-.112	-.008	.093
POA TO CENTROID in.	.232	.115	.223
MIN RADIUS	.026	.051	.093
MEAN RADIUS	.617	.540	.475
MAX RADIUS	1.228	1.073	.831
HORIZONTAL SPREAD	1.589	1.451	1.360
VERTICAL SPREAD	1.589	1.364	.896
EXTREME SPREAD	2.184	1.875	1.427
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS498838

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.520

VS = 1.499

GS = 2.744

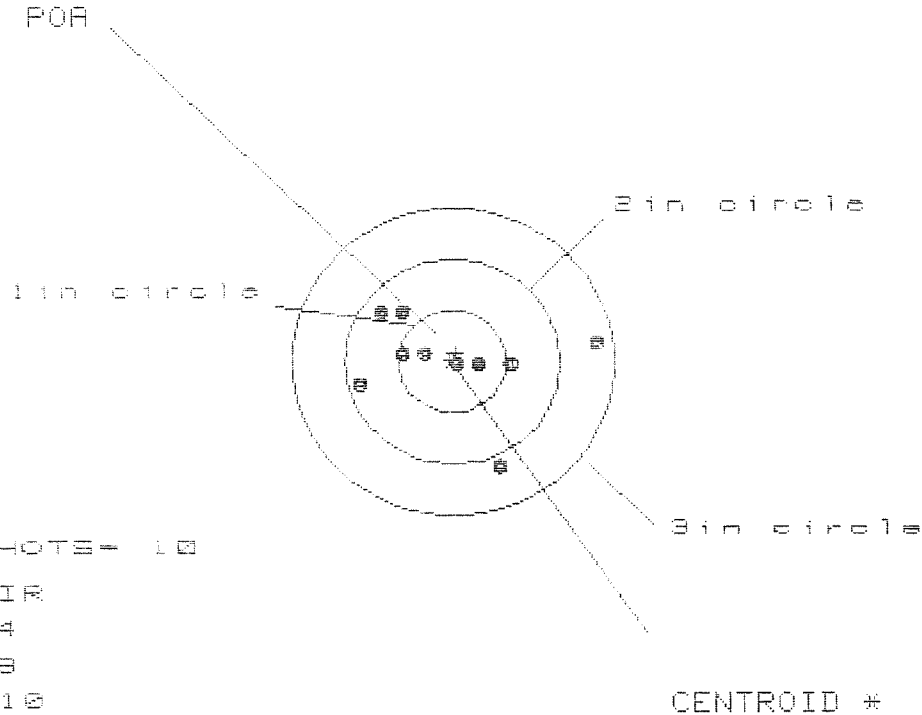
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.043	.879	.313
MINIMUM X	-1.477	-.669	-.559
MAXIMUM Y	.822	.793	.800
MINIMUM Y	-.677	-.706	-.607
CENTROID X	.106	.270	.160
CENTROID Y	.003	.032	-.067
POA TO CENTROID in.	.106	.272	.174
MIN RADIUS	.281	.165	.210
MEAN RADIUS	.729	.614	.533
MAX RADIUS	1.500	1.183	.976
HORIZONTAL SPREAD	2.520	1.548	.872
VERTICAL SPREAD	1.499	1.499	1.407
EXTREME SPREAD	2.744	2.029	1.474
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B838

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.297	.714	.785
MINIMUM X	-.834	-.690	-.619
MAXIMUM Y	.484	.501	.381
MINIMUM Y	-.976	-.959	-.329
CENTROID X	-.036	-.180	-.251
CENTROID Y	-.080	-.097	.023
POA TO CENTROID in.	.088	.205	.252
MIN RADIUS	.075	.161	.022
MEAN RADIUS	.635	.552	.451
MAX RADIUS	1.306	1.115	.802
HORIZONTAL SPREAD	2.131	1.404	1.404
VERTICAL SPREAD	1.460	1.460	.710
EXTREME SPREAD	2.164	1.783	1.414
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	