

C6522141

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

C. 6522141

SCOPE S/N 88-1058

Repair Inquiry																							
Repair Number:	RE00000766	Serial:	C6522141	Model:	700																		
			7.62 SWS M-24	Center Fire:	Caliber:																		
Verify Repair:		Repairman:		Status:	New 12/15/99 1:25:51 PM																		
Address Information																							
Customer:		Received From:		Return To:																			
Name:	TRANSPORTATION OFFICER	TRANSPORTATION OFFICER		TRANSPORTATION OFFICER																			
Address 1:	XVIII AIRBORNE CORPS AND FORT BRAGG	XVIII AIRBORNE CORPS AND FORT BRAGG		XVIII AIRBORNE CORPS AND FORT BRAGG																			
Address 2:	BUILDING J-2050	PO Box:		BUILDING J-2050	PO Box:																		
City:	FORT BRAGG	FORT BRAGG		FORT BRAGG																			
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: 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>Z000</td> <td>BI-POD</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1	Z000	BI-POD	1
Code	Desc	Qty																					
A010	Hard Case	1																					
A016	Scope Mounts	2																					
A017	Scope Base	1																					
A026	Scope	1																					
Z000	BI-POD	1																					
Repair Search		Refresh		Close																			

BB L 96003

Repair Order Number



Repair Order Numbe RE00000766	Description/Serial C6522141	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 16OF18	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	
<u>Reported</u>	<u>Found</u>

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

Serial Number: C6522141

Model ID: 700



RE00000766

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

BARBER - M24 0004372

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6522141
4 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1416
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .261967

THE AMR FOR THIS RIFLE IS: 1.164

CENTROIDAL DISTANCES

Ø TO	1	.346006
1 TO	2	.880696
1 TO	3	.381754
1 TO	4	.399406
1 TO	5	.201534

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

BARBER - M24 0004373

REMINGTON CENTERFIRE ACCURACY TEST

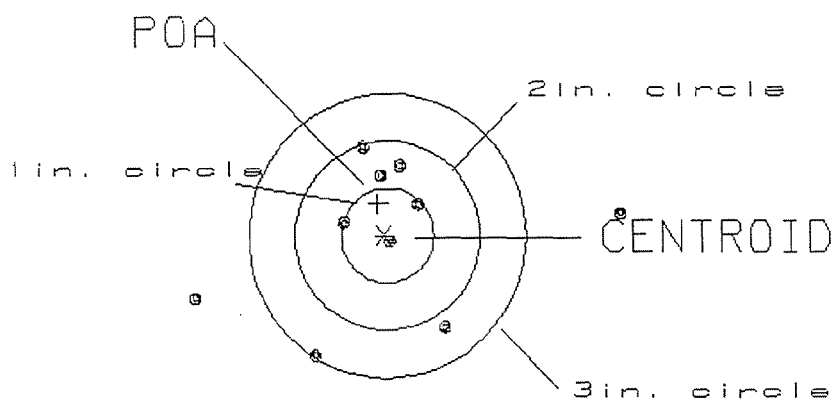
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .346
 MIN RADIUS : .099
 MEAN RADIUS : 1.060
 MAX RADIUS : 2.533
 CENTROID X : .074
 CENTROID Y : -.338

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522141

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.55

3

VS= 2.19

6

GS= 4.62

9

BARBER - M24 0004374

REMINGTON CENTERFIRE ACCURACY TEST

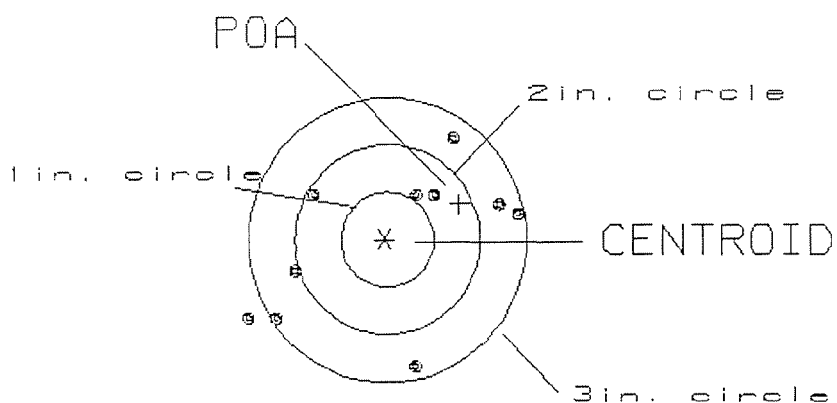
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 02
 POA TO CENTROID: .888
 MIN RADIUS : .572
 MEAN RADIUS : 1.165
 MAX RADIUS : 1.720
 CENTROID X : -.806
 CENTROID Y : -.373

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522141

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.98

0

VS= 2.37

3

GS= 3.16

9

BARBER - M24 0004375

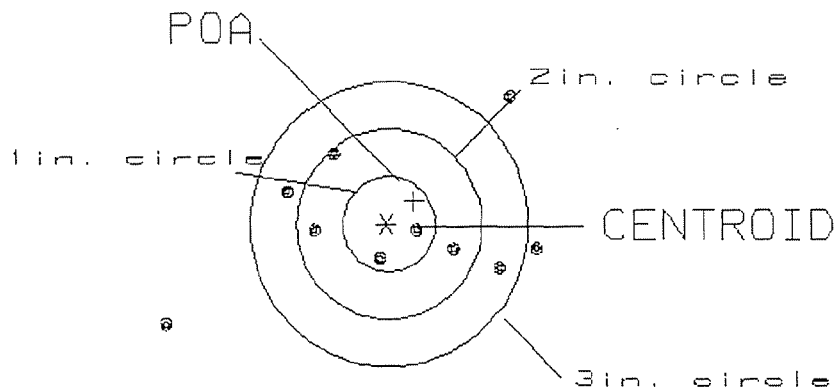
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .383
MIN RADIUS : .270
MEAN RADIUS : 1.165
MAX RADIUS : 2.637
CENTROID X : -.296
CENTROID Y : -.244

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522141

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 4.05

2

VS= 2.32

5

GS= 4.41

7

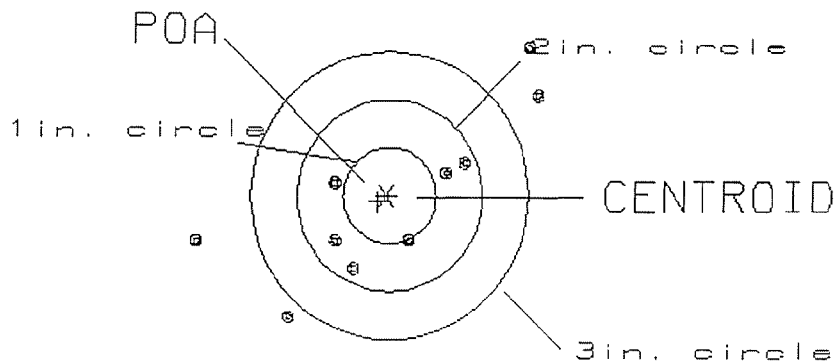
0

PATTERN #: 4
 POA TO CENTROID: .110
 MIN RADIUS : .509
 MEAN RADIUS : 1.224
 MAX RADIUS : 2.169
 CENTROID X : .092
 CENTROID Y : .061

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522141

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.71
 VS= 2.80
 GS= 4.15

0
 6
 6

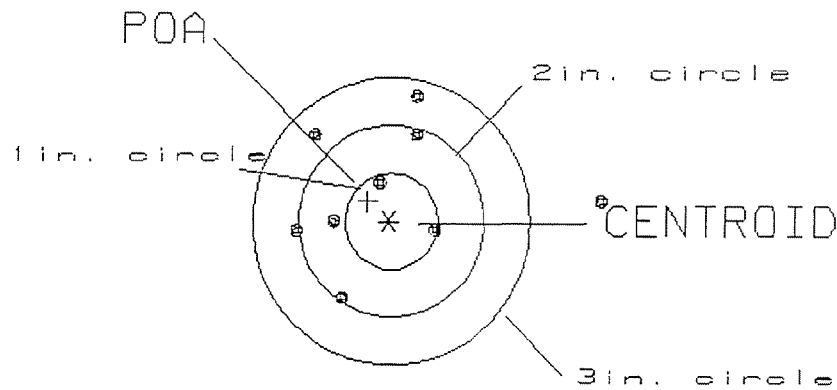
PATTERN #: 5

POA TO CENTROID: .308
 MIN RADIUS : .424
 MEAN RADIUS : 1.206
 MAX RADIUS : 2.797
 CENTROID X : .228
 CENTROID Y : -.208

4 Apr 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6522141

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.30
 VS= 4.09
 GS= 4.12

2
 5
 8

Final Inspection

Sn: C6522141

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.

C6522141

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	4-5-00	Rw
655	FINAL INSPECT	4-10-00	Rw
660	PACK		

QAR INSPECTION

SHIP DATE

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522141 ~~8~~

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	90	RW
612	Magnaflux Barrel Action		8/7/90	RR
	Magnaflux Bolt		8/7/90	RR
615	Rollmark Caliber		8/7/90	SS
617	Drill and Tap Sight Holes		8/10/90	RB
618	Polish Barrel <i>RB</i>		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4			8/29/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/29/90	WB
	H) Trigger Pull Test & Retainability						8/29/90	RL
	I) Firing Pin Indent	.023	.023	.023			8/29/90	WB
	J) Assemble Stock						8/30/90	RW
	K) Assemble Swivel Studs						9/5/90	RL
	L) Attach Front and Rear Sight Assemblies						8/30/90	RW
	M) Iron Sight Alignment						8/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/90	RW
	O) Attach Scope to Rifle						8/30/90	RW
	P) Detach & Attach Scope 20 Times						8/30/90	RW
640	Gallery Target & Test						8.31.90	DH
	A) Time						8.31.90	DH
	B) Malfunctions						8.31.90	DH
	C) Pierced Primers						8.31.90	DH
	D) Optical Clarity of Scope						8.31.90	DH
645	Inspect for Live Ammo						8.31.90	DH
655	Final Inspection							
	A) Headspace						9/5/90	RL
	B) Trigger Pull	2.37	2.12	2.15	2.13	2.22	9-4-90	RL
	C) Function						9/5/90	RL
660	Pack						9-18-90	RL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6522141

DATE 8/29/90

TESTER JGJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.25	2.28	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.33	2.30	2.12	
PULL #3	2.35	2.33	2.32	2.15	
PULL #4	2.30	2.14	2.26	2.13	
PULL #5	2.18	2.23	2.30	2.22	
TOTAL	11.51	11.28	11.46	10.99	
AVG.	2.302	2.256	2.292	2.198	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.19		
PULL #2	3.54	3.26		
PULL #3	3.29	3.22		
PULL #4	3.34	3.28		
PULL #5	3.26	3.25		
TOTAL	16.79	16.20		
AVG.	3.358	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.28		4.15
PULL #2	4.47	4.13		4.12
PULL #3	4.16	4.12		4.15
PULL #4	4.08	4.17		4.15
PULL #5	4.20	4.16		4.15
TOTAL	21.38	20.86		20.72
AVG.	4.276	4.172		4.144

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522141
31 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.453471
1 TO	2	.477172
1 TO	3	.391063
1 TO	4	.553865
1 TO	5	.670391

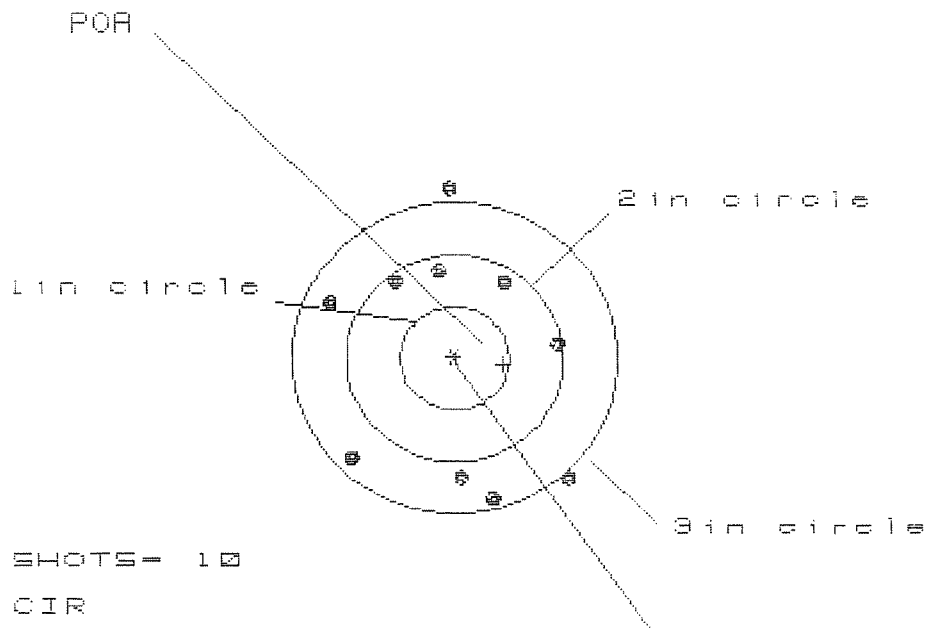
1 + <----POA
32

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6204
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .683149
THE AMR FOR THIS RIFLE IS: 1.133

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C0520141

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.227

VS= 2.943

GS= 3.018

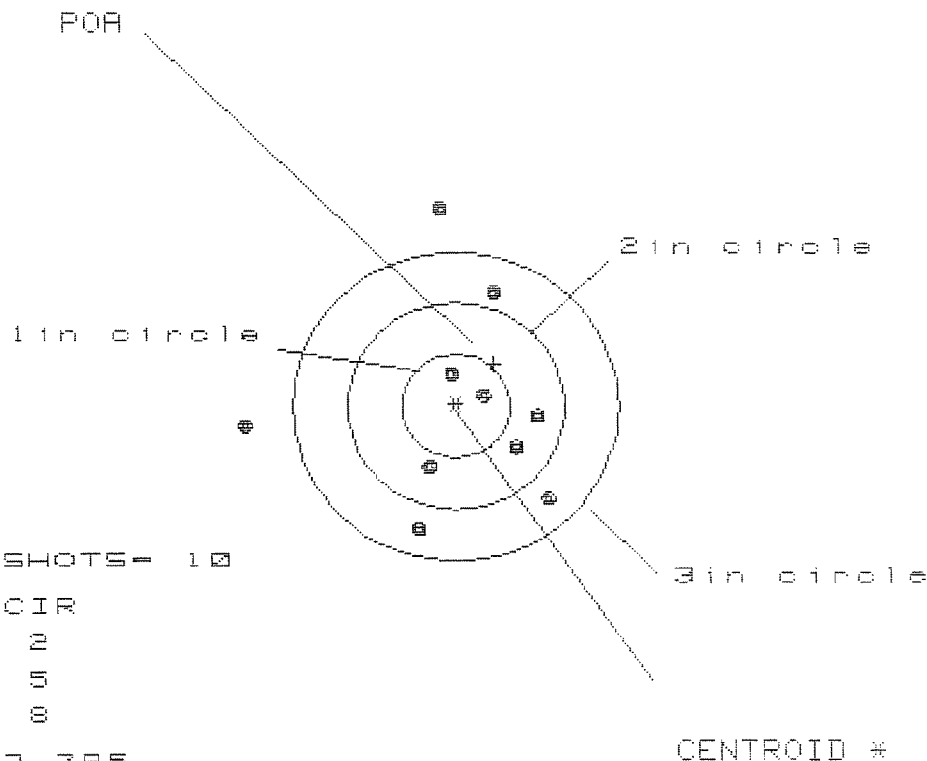
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.070	1.063	1.037
MINIMUM X	-1.157	-1.164	-1.031
MAXIMUM Y	1.624	1.000	.875
MINIMUM Y	-1.319	-1.139	-1.263
CENTROID X	-.450	-.443	-.576
CENTROID Y	.056	-.124	.001
POA TO CENTROID in.	.453	.460	.576
MIN RADIUS	.832	.966	.876
MEAN RADIUS	1.194	1.149	1.092
MAX RADIUS	1.625	1.458	1.363
HORIZONTAL SPREAD	2.227	2.227	2.068
VERTICAL SPREAD	2.943	2.139	2.139
EXTREME SPREAD	3.018	2.814	2.418
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522141

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.785

VS = 3.122

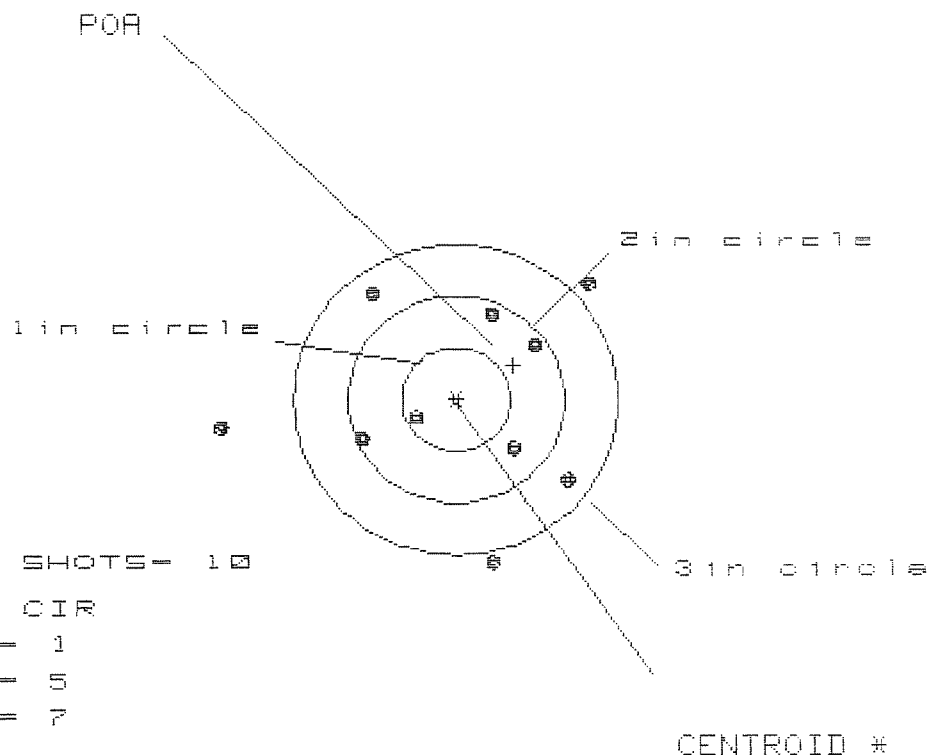
GS = 3.127

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.875	.662	.616
MINIMUM X	:	-1.910	-.553	-.599
MAXIMUM Y	:	1.904	1.887	1.292
MINIMUM Y	:	-1.218	-1.235	-.999
CENTROID X	:	-.352	-.139	-.093
CENTROID Y	:	-.411	-.394	-.630
POA TO CENTROID in.	:	.541	.418	.637
MIN RADIUS	:	.271	.080	.302
MEAN RADIUS	:	1.010	.864	.719
MAX RADIUS	:	1.916	1.923	1.293
HORIZONTAL SPREAD	:	2.785	1.215	1.215
VERTICAL SPREAD	:	3.122	3.122	2.291
EXTREME SPREAD	:	3.127	3.127	2.381
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522141

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 3.414

VS = 2.716

GS = 3.718

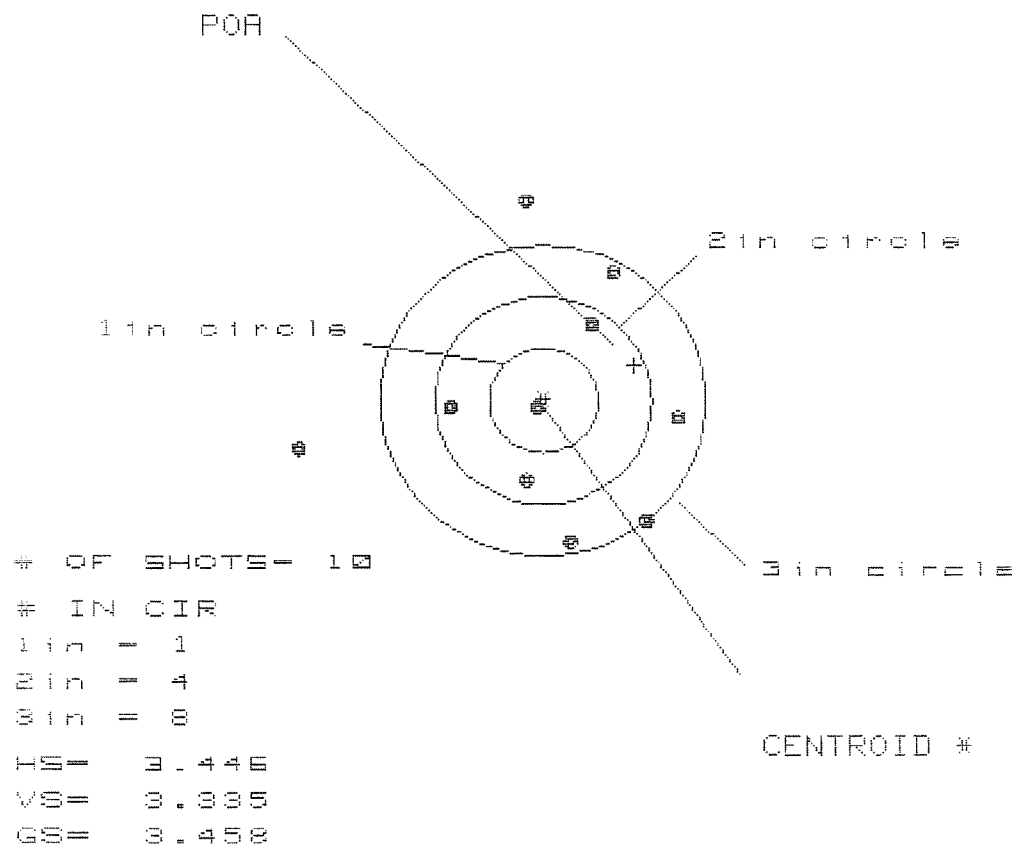
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.036	.890
MINIMUM X	:	-2.140	-1.062	-.933
MAXIMUM Y	:	1.168	1.135	1.167
MINIMUM Y	:	-1.548	-1.581	-1.440
CENTROID X	:	-.529	-.291	-.420
CENTROID Y	:	-.327	-.294	-.435
POA TO CENTROID in.	:	.622	.413	.605
MIN RADIUS	:	.421	.596	.507
MEAN RADIUS	:	1.190	1.067	.994
MAX RADIUS	:	2.162	1.584	1.456
HORIZONTAL SPREAD	:	3.414	2.098	1.823
VERTICAL SPREAD	:	2.716	2.716	2.606
EXTREME SPREAD	:	3.718	2.875	2.824
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522141

CENTERFIRE PATTERNS # 4



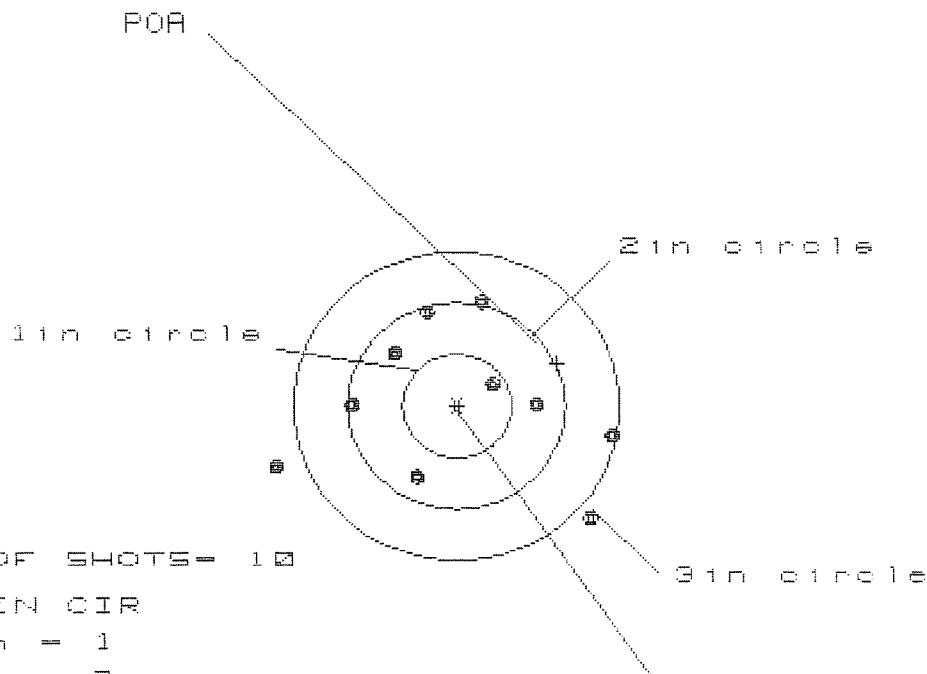
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.194	.944	.892
MINIMUM X	-2.252	-1.110	-1.162
MAXIMUM Y	1.950	1.899	1.446
MINIMUM Y	-1.385	-1.436	-1.199
CENTROID X	-.841	-.591	-.539
CENTROID Y	-.336	-.285	-.522
POA TO CENTROID in.	.906	.656	.750
MIN RADIUS	.831	.282	.363
MEAN RADIUS	1.224	1.106	.984
MAX RADIUS	2.300	1.943	1.482
HORIZONTAL SPREAD	3.446	2.054	2.054
VERTICAL SPREAD	3.335	3.335	2.645
EXTREME SPREAD	3.458	3.358	2.674
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522141

CENTERFIRE PATTERNS

5



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 3.049

VS = 2.053

GS = 3.061

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.408
MINIMUM X	-1.641
MAXIMUM Y	.974
MINIMUM Y	-1.079
CENTROID X	-.930
CENTROID Y	-.412
POA TO CENTROID in.	1.018
MIN RADIUS	.434
MEAN RADIUS	1.048
MAX RADIUS	1.743
HORIZONTAL SPREAD	3.049
VERTICAL SPREAD	2.053
EXTREME SPREAD	3.061
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

Remington®

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

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

MODEL 700™ H24

SERIAL NO. C6522141	Ø1
ORDER NO. 5716	

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



UPC

