

C6522141

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



SCOPE S/N 88-1058

BB L 96003

TRACKING DOCUMENT

Repair Order Number



Repair Order Number	Description/Serial	Repairman -
RE00000766	C6522141	Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62	Estimate Date
	SWS M-24 16OF18	Current Date - 12/16/1999
<u>Customer</u>		<u>Return To</u>
TRANSPORTATION OFFICER		TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT B		XVIII AIRBORNE CORPS AND FORT
BUILDING J-2050		BUILDING J-2050
FORT BRAGG NC 28310 US		FORT BRAGG NC 28310 US
Phone (H)		Fax
Phone (W)		Email

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

<u>Material #</u>	<u>MaterialDesc</u>	<u>Repair</u>	<u>Quantity Needed</u>	<u>Quantity From</u>	<u>Quantity From</u>	<u>Warranty (Y/N)</u>
Total:						
Serial Number: C6522141						
Model ID: 700						
						

Serial Number: C6522141

Model ID: 700



RE00000766

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

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

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

2 3 1⁵ +⁴ <----POA

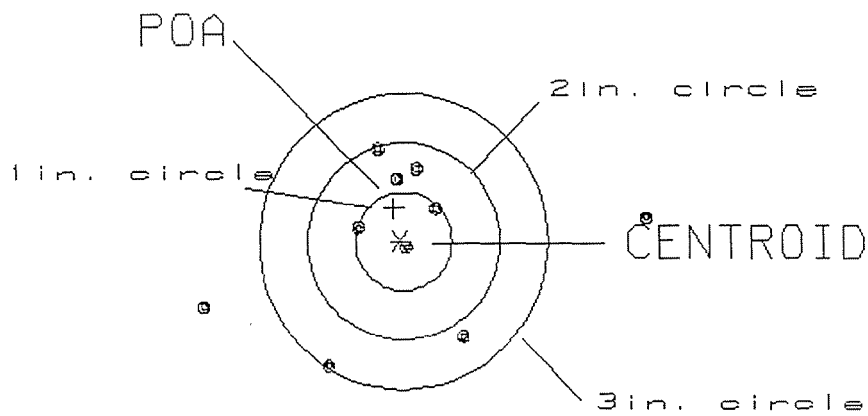
PATTERN #: ☐ 1 ☐

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
 VS= 2.19
 GS= 4.62

3
 6
 8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .888

MIN RADIUS : .572

MEAN RADIUS : 1.165

MAX RADIUS : 1.720

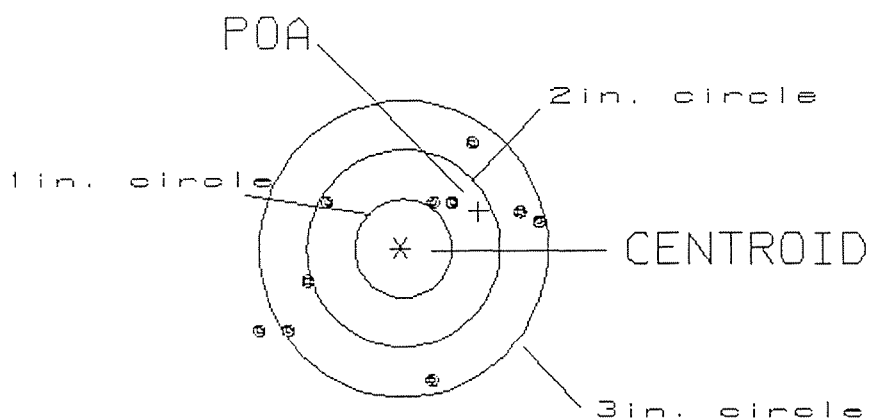
CENTROID X : -.806

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

PATTERN #: 3

POA TO CENTROID: .383

MIN RADIUS : .270

MEAN RADIUS : 1.165

MAX RADIUS : 2.637

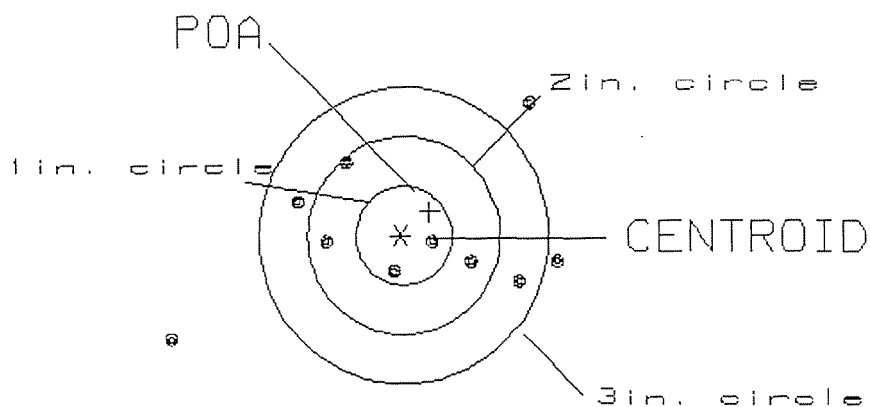
CENTROID X : -.296

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

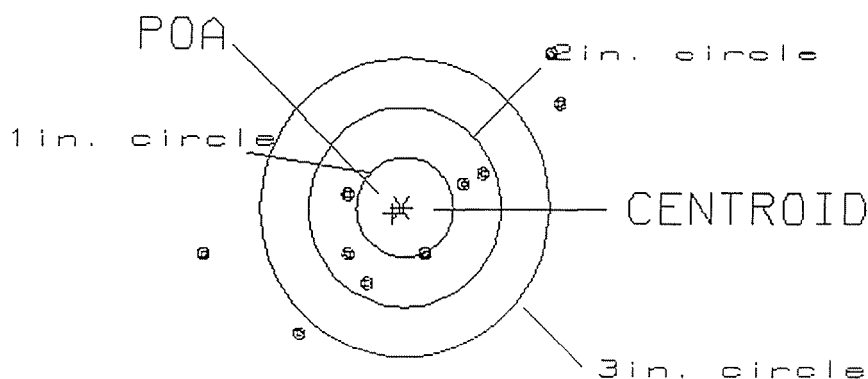
PATTERN #: 4

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

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .308

MIN RADIUS : .424

MEAN RADIUS : 1.206

MAX RADIUS : 2.797

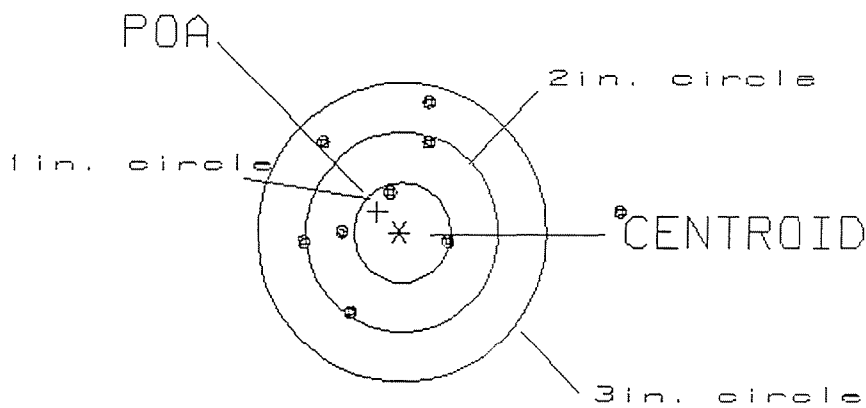
CENTROID X : .228

CENTROID Y : -.208

4 Apr 2000

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

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.30

2

VS= 4.09

5

GS= 4.12

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

INT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

12-24-99 Rm

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

1-12-00 Rm

605

CHECK HEADSPACE

1-12-00 Rm

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 Rm

655

FINAL INSPECT

4-10-00 Rm

660

PACK

QAR INSPECTION

SHIP DATE

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	FB
618	Polish Barrel <i>FB</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

SWS TRIGGER PULL TEST

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 JH

	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

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

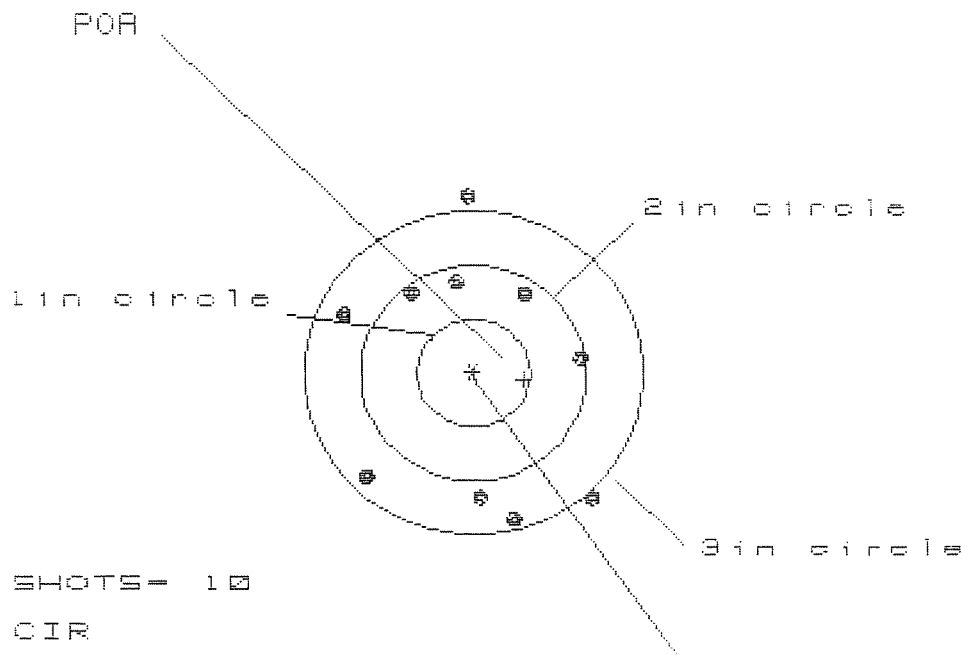
1 + <----FOR
9 32

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 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522141

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.227

VS= 2.943

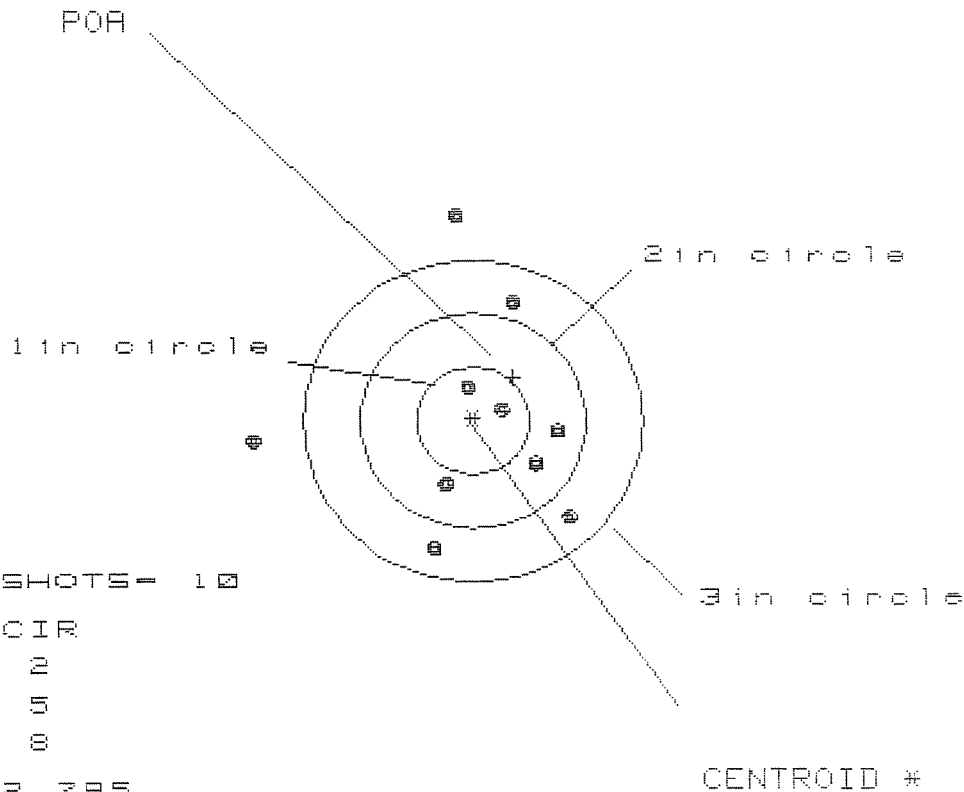
GS= 3.018

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 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522141

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 2.785

VS= 3.122

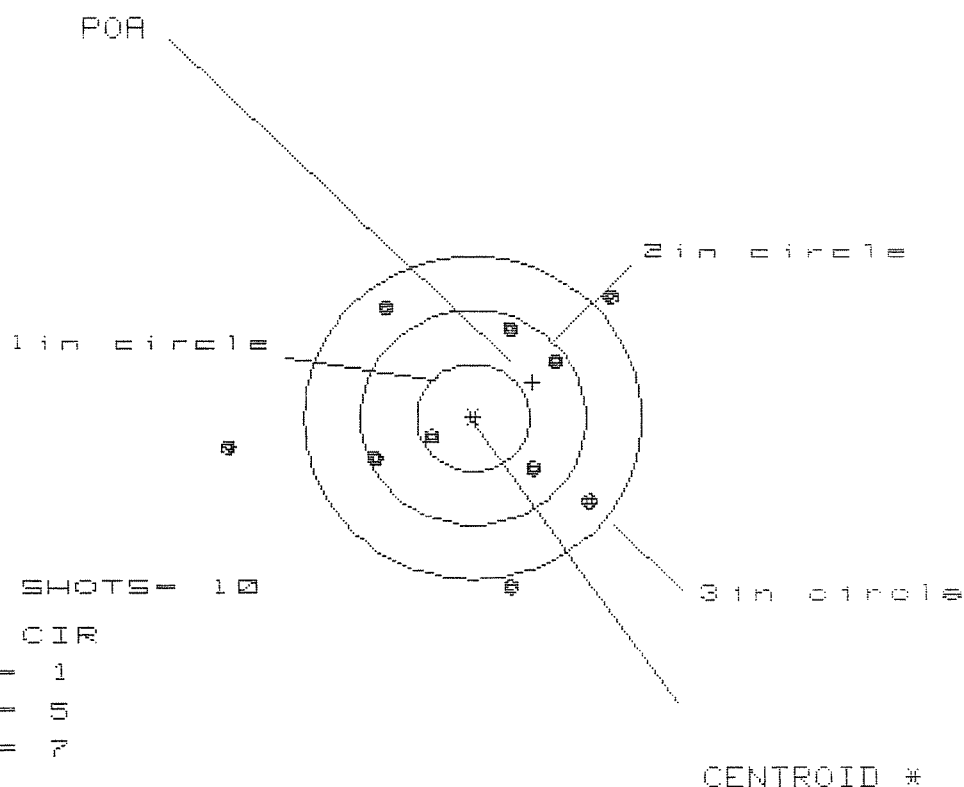
GS= 3.127

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	=	3		

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522141

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

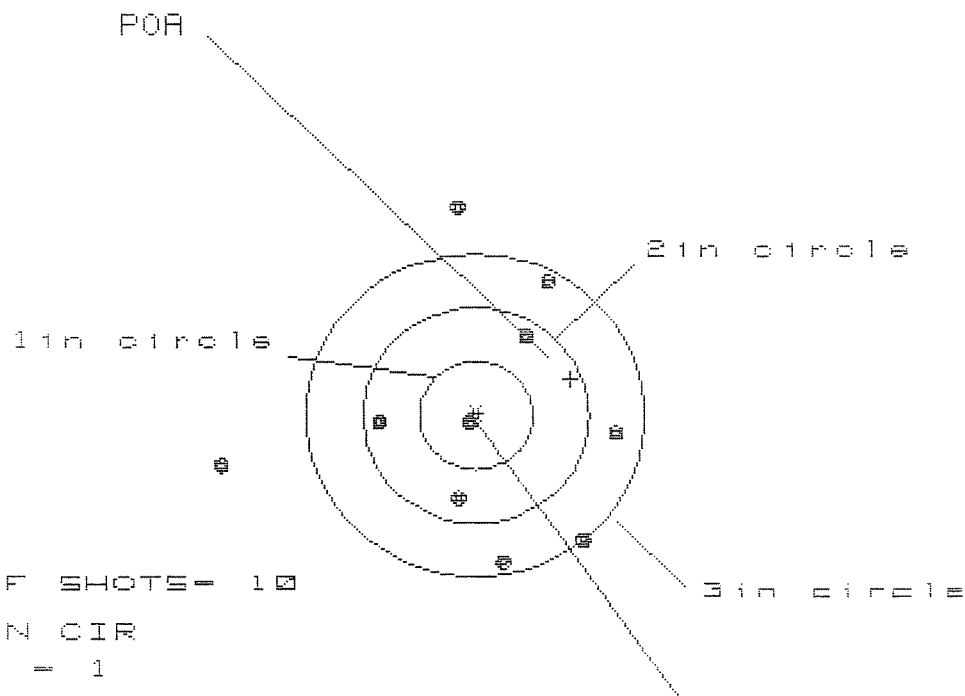
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.036	.890
MINIMUM X	:	-2.140	-1.062	-.933
MAXIMUM Y	:	1.168	1.135	1.167
MINIMUM Y	:	-1.548	-1.581	-1.440
CENTROID X	:	-.529	-.291	-.420
CENTROID Y	:	-.327	-.294	-.435
POA TO CENTROID in.	:	.622	.413	.605
MIN RADIUS	:	.421	.596	.507
MEAN RADIUS	:	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



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 3.446

VS = 3.335

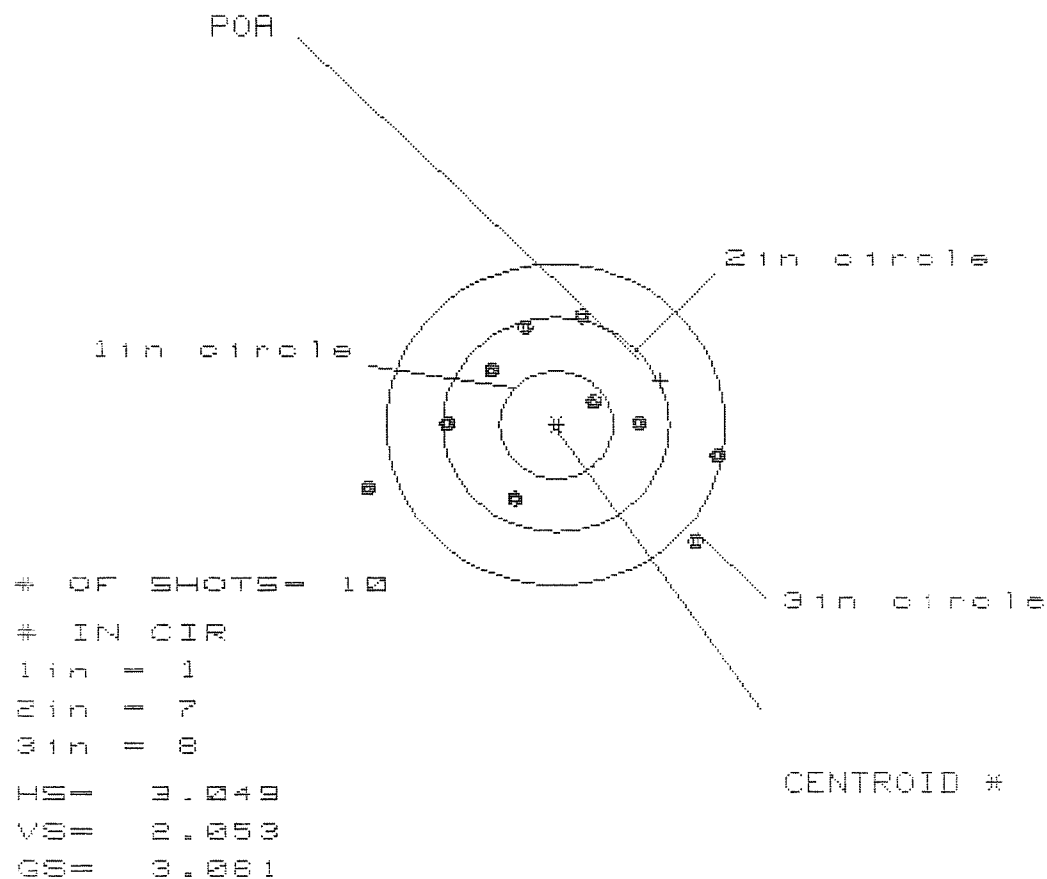
GS = 3.458

PATTERN #	:	4		
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	:	.031	.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/06522141

CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.408	1.226	1.353
MINIMUM X	:	-1.641	-1.155	-1.028
MAXIMUM Y	:	.974	.909	.766
MINIMUM Y	:	-1.079	-1.144	-.907
CENTROID X	:	-.930	-.748	-.875
CENTROID Y	:	-.412	-.347	-.204
POA TO CENTROID in.	:	1.018	.825	.898
MIN RADIUS	:	.434	.246	.320
MEAN RADIUS	:	1.048	.945	.852
MAX RADIUS	:	1.743	1.528	1.451
HORIZONTAL SPREAD	:	3.049	2.381	2.381
VERTICAL SPREAD	:	2.053	2.053	1.673
EXTREME SPREAD	:	3.061	2.524	2.406
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



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

MODEL 700™ M24

SERIAL NO.
C6522141

ORDER NO.
5716

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

01



5716 C6522141

UPC



0 47700 25716 7