

06349097

MODEL 760™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00084055**

Serial: C6349097 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

Closed 8/23/2004 10:53:44 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **TRANSPORTATION OFFICE**

TRANSPORTATION OFFICE

Address 1: **BLDG 330**

BLDG 330

Address 2: **4885 CHILES AVE**

PO Box:

4885 CHILES AVE

PO Box:

City: **FORT CARSON**

FORT CARSON

State: **CO**

Zip Code: **80913**

Country: **US**

State: **CO**

Zip Code: **80913**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **719 526 4211**

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

Repair Search

Refresh

Close

negletj

8/23/2004

7:09 AM

CAPS

NUM

INS

SCPL

start



Arms Services R.



Serial Number: **C6349097**
Model: **M24 SWS**

RE00084055

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349097.___0
FILE DATE AND TIME: 09/13/2004 08:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.140
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.762
The Distance from POA to Centroid Target #1:	0.065
The Distance from Centroid Target #2 to Centroid Target #1:	0.371
The Distance from Centroid Target #3 to Centroid Target #1:	0.093
The Distance from Centroid Target #4 to Centroid Target #1:	0.060
The Distance from Centroid Target #5 to Centroid Target #1:	0.015

SERIAL NUMBER: C6349097. 0

TARGET NUMBER: 1

FILE DATE: 09/13/2004

FILE TIME: 08:24

POINT#	X	Y
1:	0.751	-0.938
2:	0.299	-1.397
3:	0.320	0.738
4:	-0.522	1.934
5:	-0.541	0.505
6:	-0.494	-0.120
7:	0.251	0.233
8:	-0.070	0.085
9:	0.116	-0.240
10:	-0.128	-0.152

X CENTROID: -0.002

Y CENTROID: 0.065

POA TO CENTROID: 0.065

HORZ SPREAD: 1.292

VERT SPREAD: 3.331

GROUP SPREAD: 3.431

MIN RADIUS: 0.071

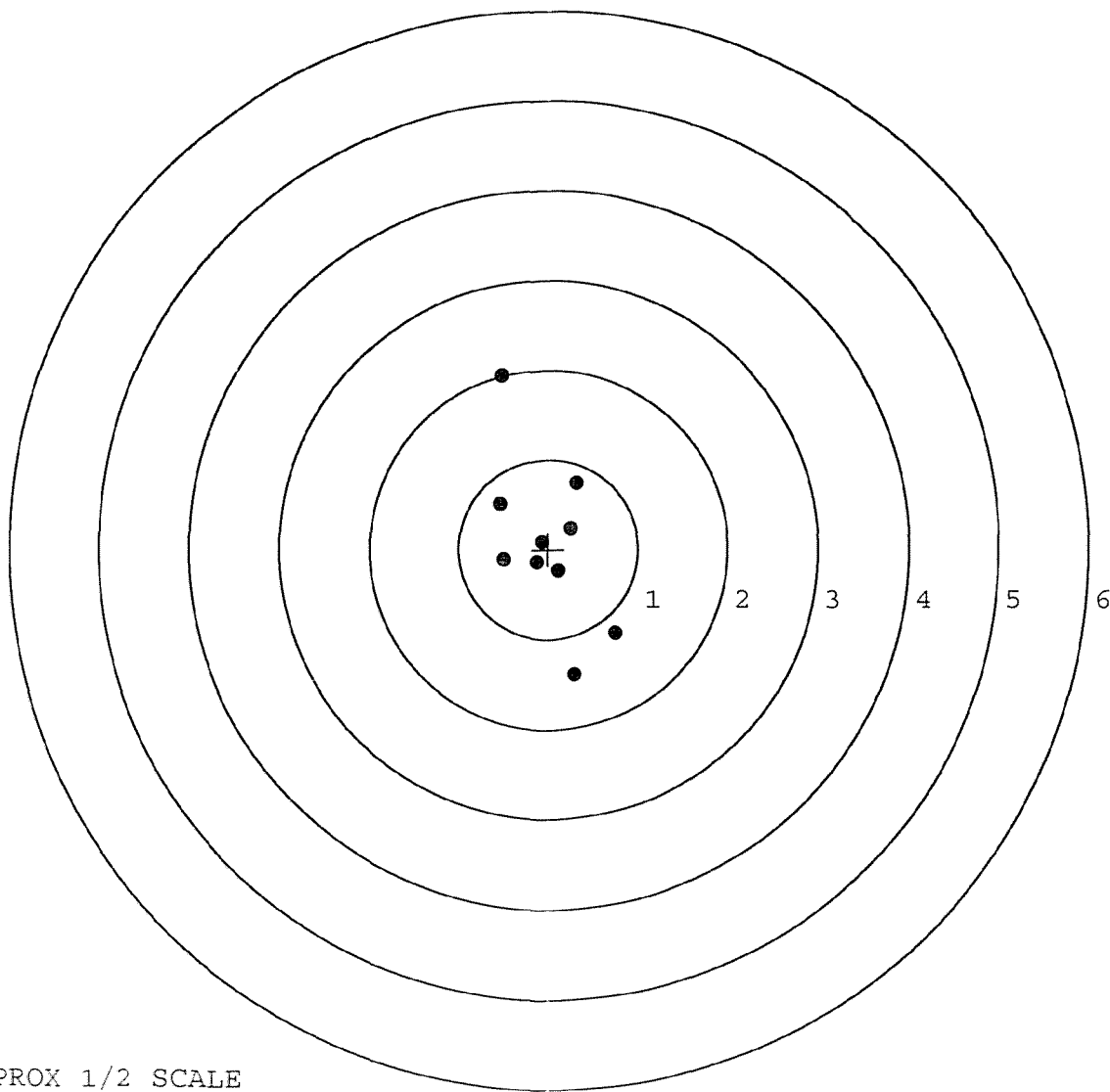
MAX RADIUS: 1.940

MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0107713

SERIAL NUMBER: C6349097. __0

TARGET NUMBER: 2

FILE DATE: 09/13/2004

FILE TIME: 08:24

POINT#	X	Y
1:	0.164	-1.013
2:	-0.423	-1.205
3:	0.338	-0.670
4:	-0.083	-0.527
5:	0.548	0.039
6:	0.347	1.338
7:	0.007	1.487
8:	-0.457	0.705
9:	-1.061	1.186
10:	-1.033	2.637

X CENTROID: -0.165

Y CENTROID: 0.398

POA TO CENTROID: 0.431

HORZ SPREAD: 1.609

VERT SPREAD: 3.842

GROUP SPREAD: 3.890

MIN RADIUS: 0.424

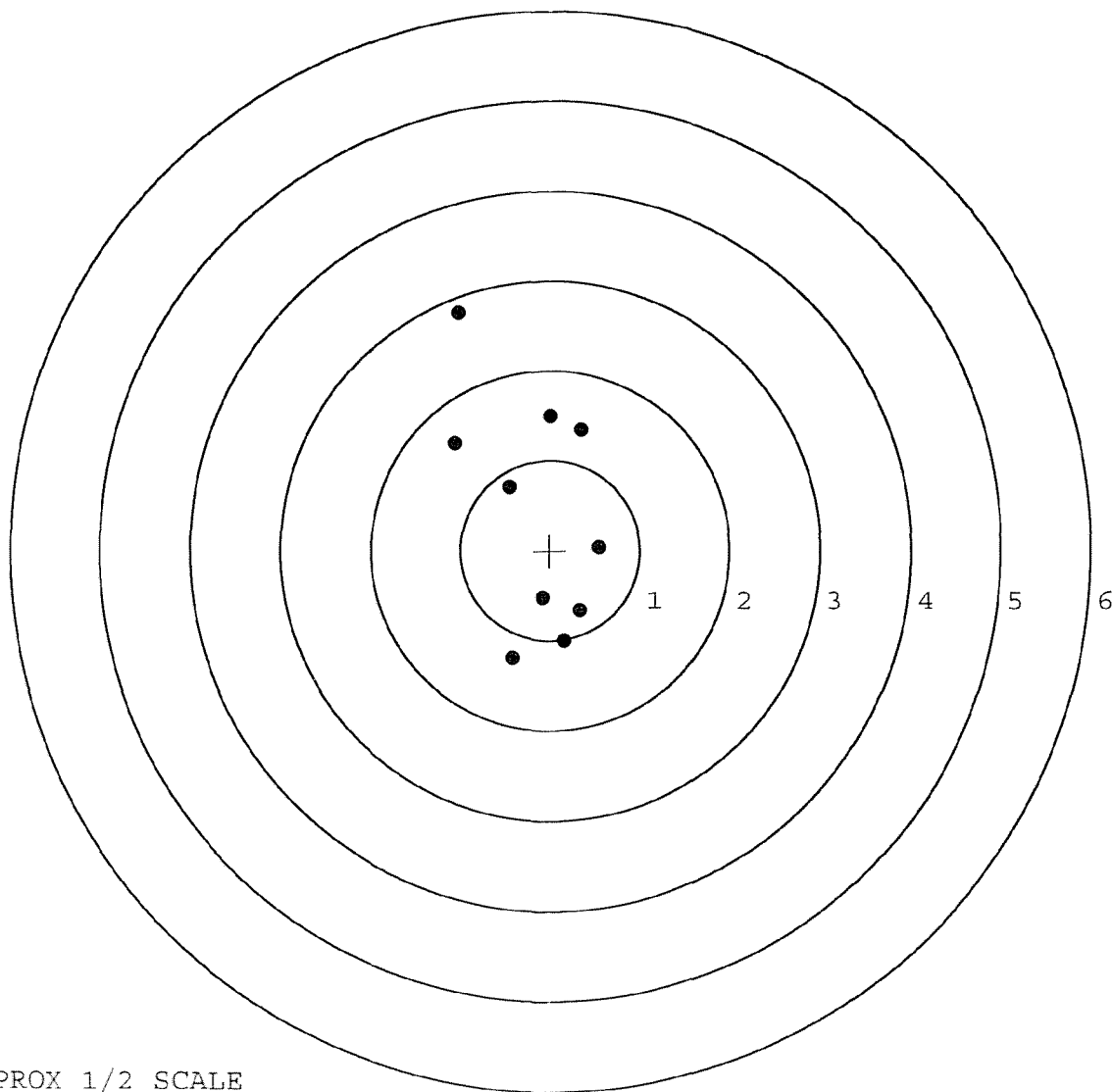
MAX RADIUS: 2.402

MEAN RADIUS: 1.217

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0107714

SERIAL NUMBER: C6349097. __0

TARGET NUMBER: 3

FILE DATE: 09/13/2004

FILE TIME: 08:24

POINT#	X	Y
1:	0.345	1.259
2:	-0.457	0.705
3:	0.462	-0.309
4:	-0.057	-0.586
5:	-0.522	0.107
6:	-0.092	0.435
7:	0.048	0.305
8:	0.140	0.078
9:	-0.034	-0.363
10:	-0.220	-0.127

X CENTROID: -0.039

Y CENTROID: 0.150

POA TO CENTROID: 0.155

HORZ SPREAD: 0.984

VERT SPREAD: 1.845

GROUP SPREAD: 1.888

MIN RADIUS: 0.177

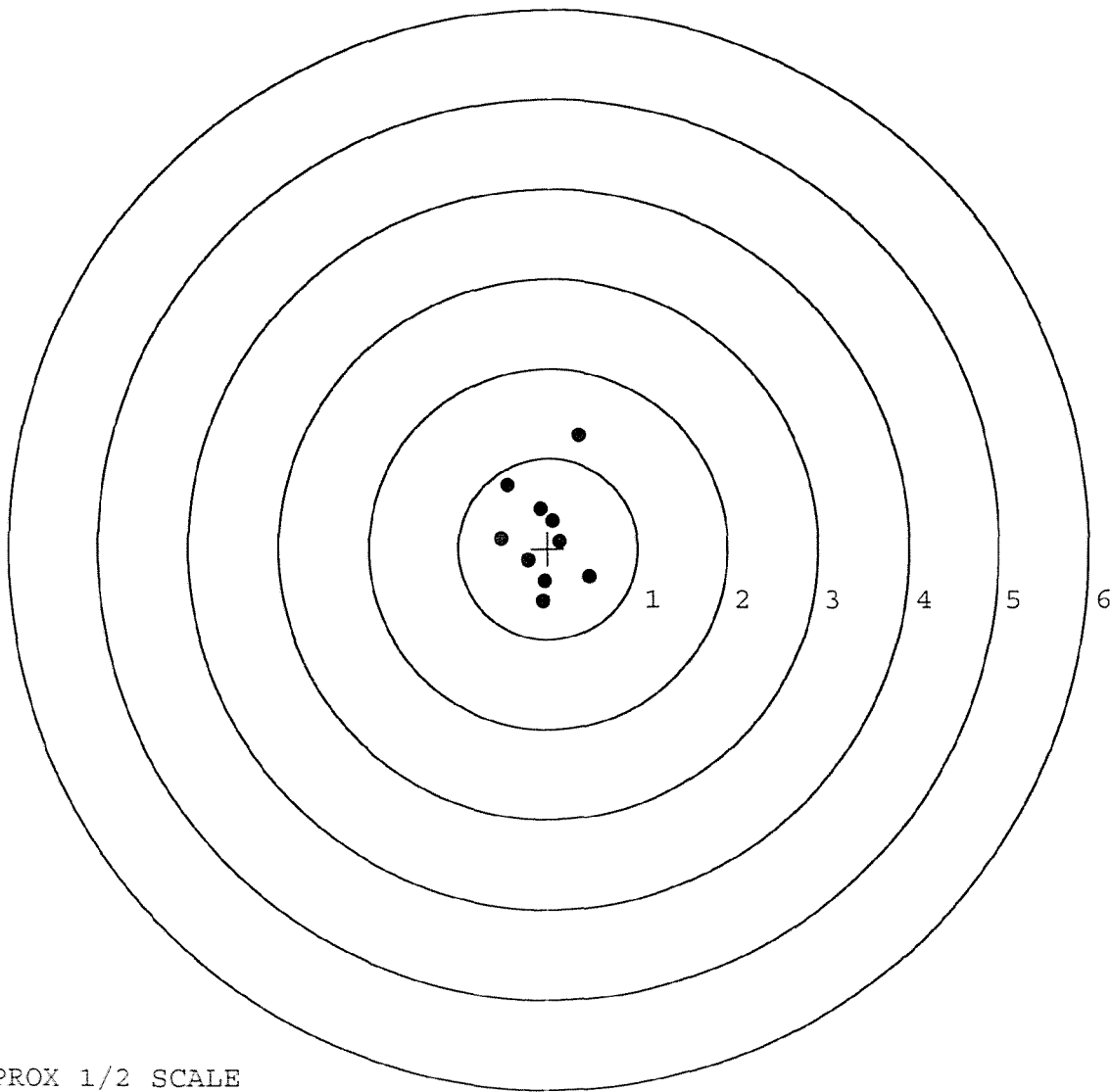
MAX RADIUS: 1.173

MEAN RADIUS: 0.527

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0107715

SERIAL NUMBER: C6349097. 0

TARGET NUMBER: 4

FILE DATE: 09/13/2004

FILE TIME: 08:24

POINT#	X	Y
1:	0.999	-0.083
2:	0.264	-0.536
3:	-0.904	-1.470
4:	-0.738	0.545
5:	-0.496	-0.139
6:	0.413	0.647
7:	0.161	0.249
8:	0.072	0.532
9:	-0.194	0.470
10:	-0.031	0.027

X CENTROID: -0.045

Y CENTROID: 0.024

POA TO CENTROID: 0.051

HORZ SPREAD: 1.903

VERT SPREAD: 2.117

GROUP SPREAD: 2.493

MIN RADIUS: 0.015

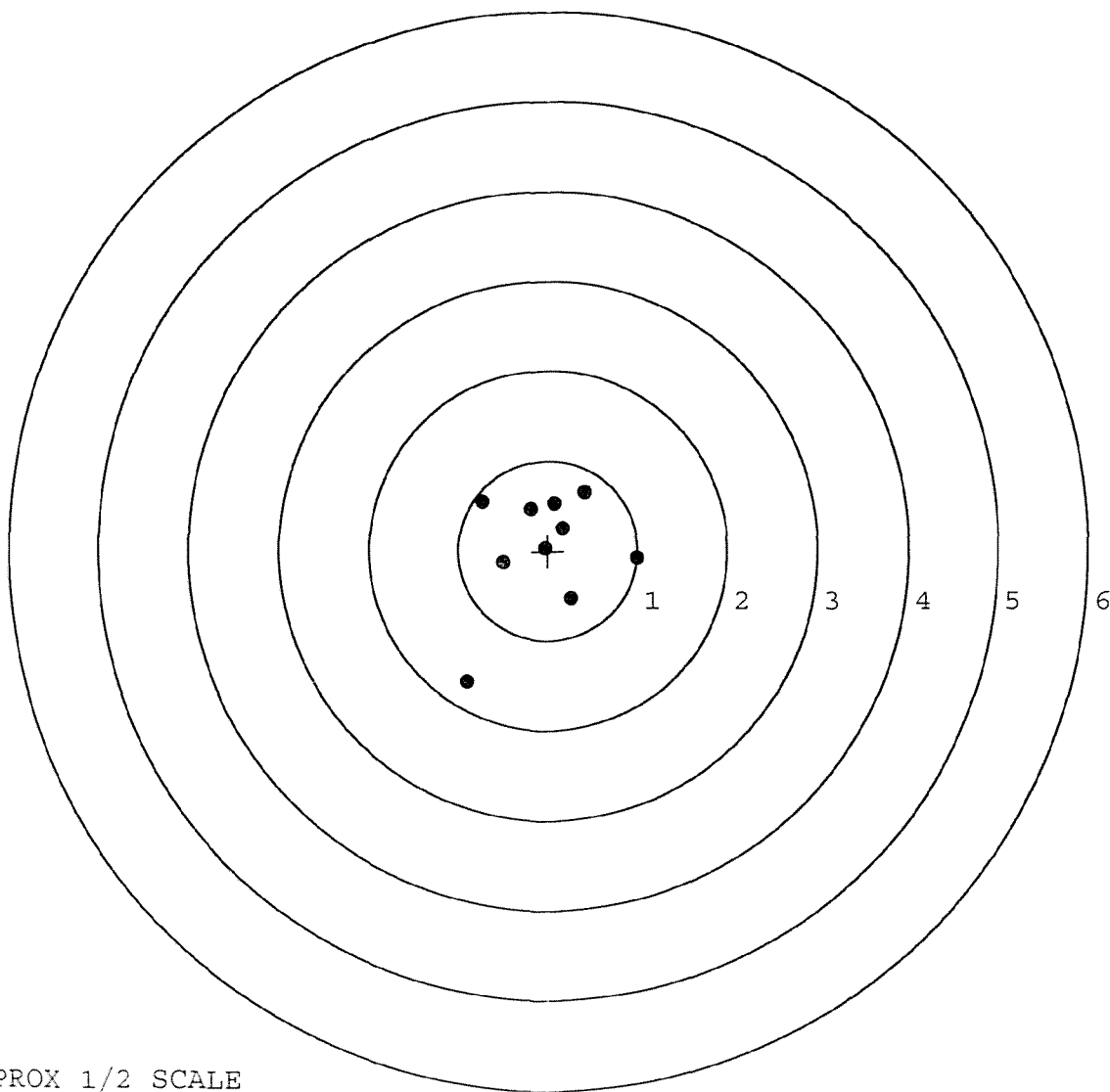
MAX RADIUS: 1.723

MEAN RADIUS: 0.684

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349097. __0

TARGET NUMBER: 5

FILE DATE: 09/13/2004

FILE TIME: 08:24

POINT#	X	Y
1:	0.626	-1.042
2:	-0.504	-0.536
3:	0.364	0.431
4:	0.013	0.444
5:	-0.446	0.309
6:	-0.149	0.748
7:	-0.373	0.974
8:	0.199	-0.076
9:	0.159	-0.269
10:	-0.052	-0.375

X CENTROID: -0.016

Y CENTROID: 0.061

POA TO CENTROID: 0.063

HORZ SPREAD: 1.130

VERT SPREAD: 2.016

GROUP SPREAD: 2.250

MIN RADIUS: 0.255

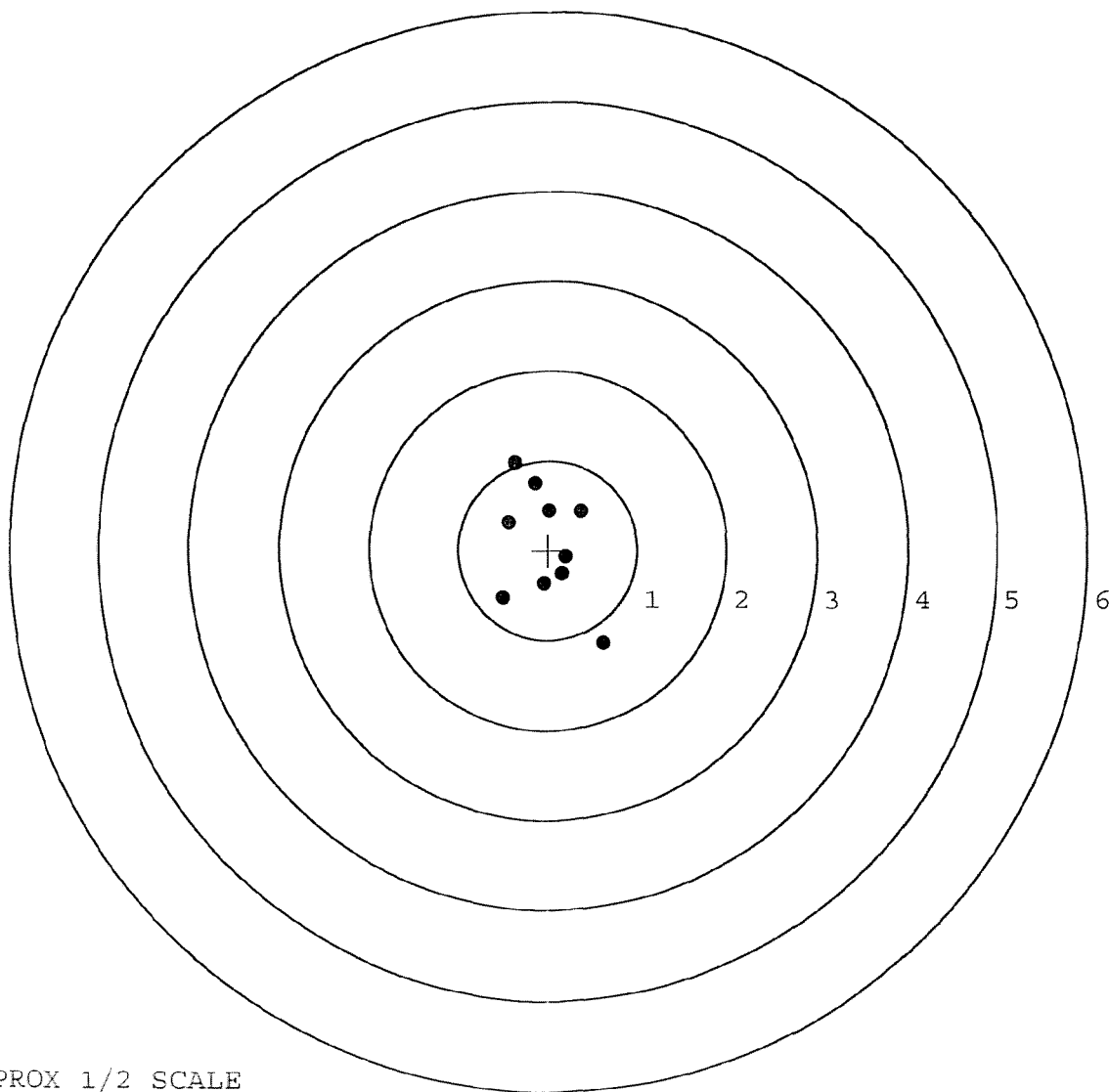
MAX RADIUS: 1.276

MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	84055		
SERIAL NUMBER	C6349097		
LOG-IN DATE	8-20-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-26-04	RTL
560 A	RE-BARREL	8-26-04	RTL
B	DRILL AND TAP	9-1-04	TRW
575	ASSEMBLE MAGNA-FLUX	8-26-04	RTL
600	PROOF	8-30-04	RTL
605	CHECK HEADSPACE	8-30-04	RTL
610	DIS-ASSEMBLE GUN	8-31-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9/3/04	JB
618	ROTO-BLAST	9-3-04	LB
620	APPLY COATINGS	9/7/04	HP
625 A	FINAL ASSEMBLY	9-9-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-13-04	
655	FINAL INSPECT	9-14-04	RTL
660	PACK	10-5-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

C- 6349097

Final Inspection

Sni C6349097

DATE REC'D: 12-6-00

DATE RET'D:

Auditor: C/K

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 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 18537			
SERIAL NUMBER C6349097			
LOG-IN DATE 12-6-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-10-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-13-00	CK
605	CHECK HEADSPACE	12-13-00	CK
610	DIS-ASSEMBLE GUN		
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	12-20-00	CK
655	FINAL INSPECT	12-27-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0107721

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349097
15 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0062
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0914
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .09161

THE AMR FOR THIS RIFLE IS: .997

CENTROIDAL DISTANCES

Ø TO	1	.274804
1 TO	2	.387186
1 TO	3	.241897
1 TO	4	.340266
1 TO	5	.333768

5 2
4 3 1 <----POA

BARBER - M24 0107722

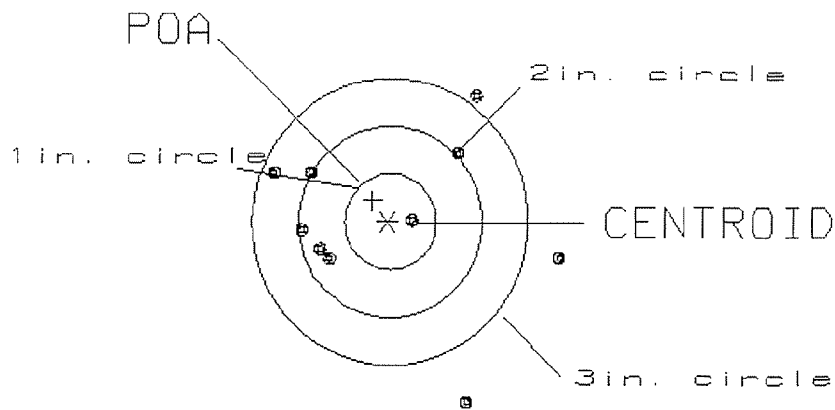
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
POA TO CENTROID: .275
MIN RADIUS : .270
MEAN RADIUS : 1.178
MAX RADIUS : 2.077
CENTROID X : .166
CENTROID Y : -.219

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.13

1

VS= 3.21

5

GS= 3.26

7

BARBER - M24 0107723

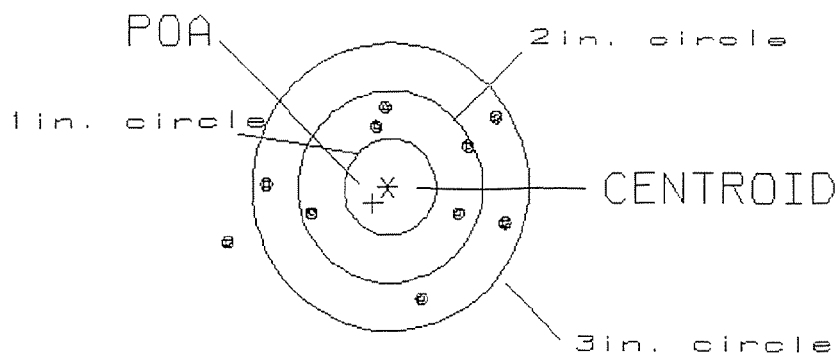
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
POA TO CENTROID: .228
MIN RADIUS : .605
MEAN RADIUS : 1.101
MAX RADIUS : 1.837
CENTROID X : .154
CENTROID Y : .168

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1.1

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.95

0

VS= 2.02

5

GS= 3.12

9

BARBER - M24 0107724

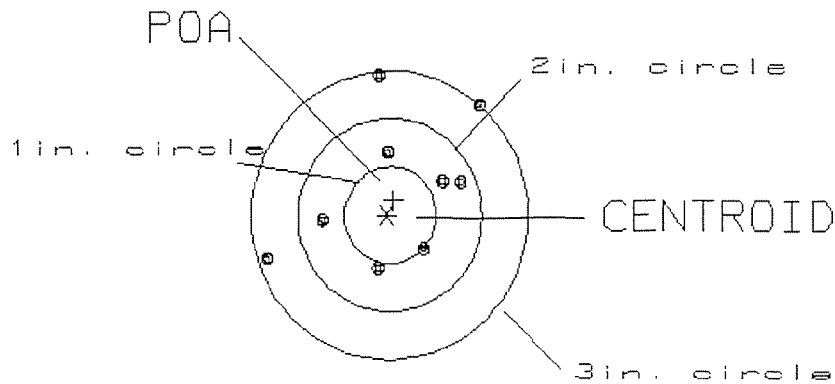
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .168
MIN RADIUS : .513
MEAN RADIUS : 1.093
MAX RADIUS : 2.626
CENTROID X : -.067
CENTROID Y : -.154

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.33

0

VS= 4.09

6

GS= 4.09

9

BARBER - M24 0107725

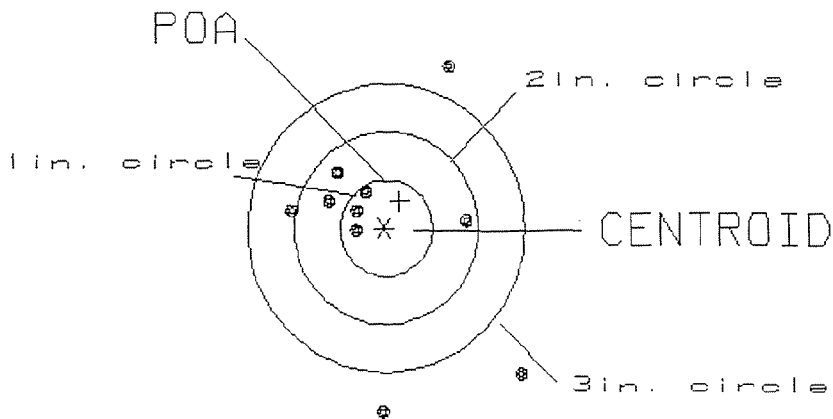
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
POA TO CENTROID: .330
MIN RADIUS : .347
MEAN RADIUS : 1.055
MAX RADIUS : 2.112
CENTROID X : -.168
CENTROID Y : -.284

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1.1

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.49

3

VS= 3.65

6

GS= 3.73

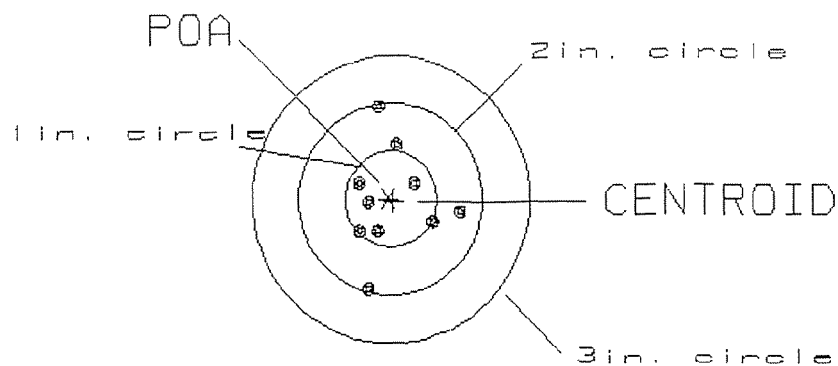
7

PATTERN #: 5
 POA TO CENTROID: .063
 MIN RADIUS : .297
 MEAN RADIUS : .558
 MAX RADIUS : .953
 CENTROID X : -.054
 CENTROID Y : .032

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349897.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.11
 VS= 1.82
 GS= 1.83

6
 10
 10

BARBER - M24 0107727

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349097
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.025$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.1408$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.143002$

THE AMR FOR THIS RIFLE IS: 1.301

CENTROIDAL DISTANCES

0 TO	1	.934427
1 TO	2	1.53798
1 TO	3	.934427
1 TO	4	.934427
1 TO	5	.934427

4 <----POA
2

BARBER - M24 0107728

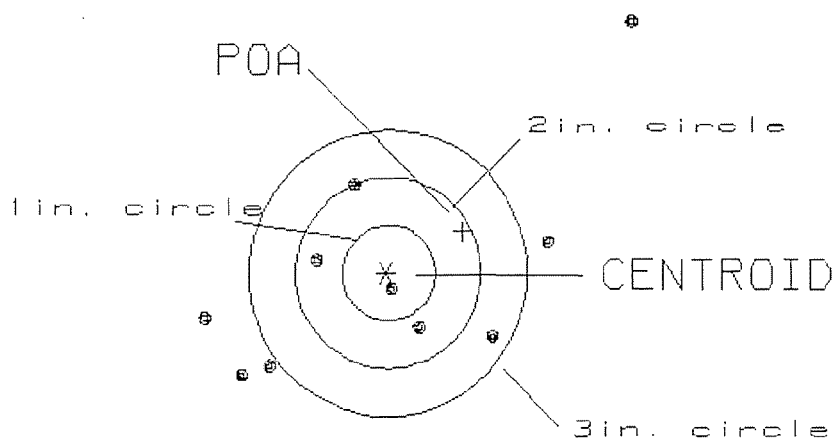
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
POA TO CENTROID: .935
MIN RADIUS : .209
MEAN RADIUS : 1.493
MAX RADIUS : 3.760
CENTROID X : -.827
CENTROID Y : -.435

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 4.66

1

VS= 3.66

3

GS= 5.60

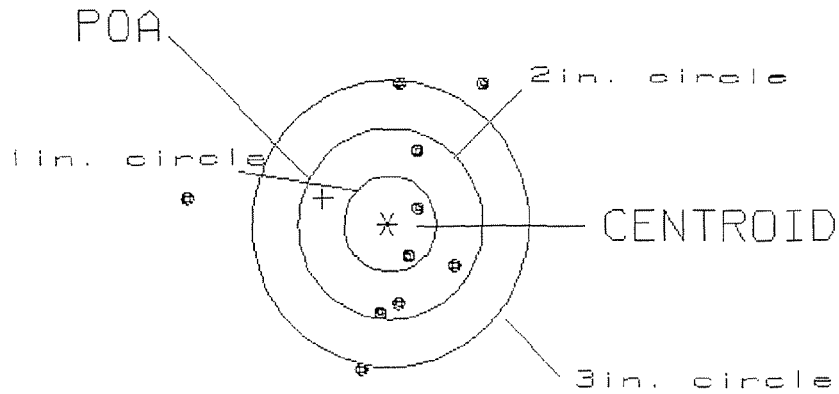
5

PATTERN #: 2
 POA TO CENTROID: .752
 MIN RADIUS : .307
 MEAN RADIUS : 1.102
 MAX RADIUS : 2.181
 CENTROID X : .702
 CENTROID Y : -.269

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.15

2

VS= 2.92

6

GS= 3.35

7

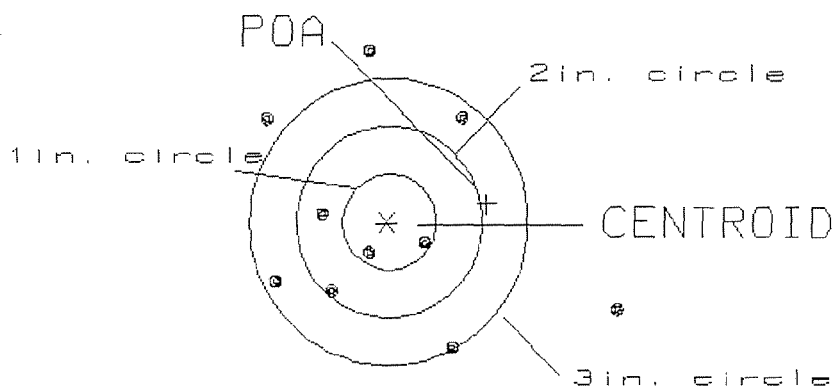
PATTERN #: 3

POA TO CENTROID: 1.097
 MIN RADIUS : .379
 MEAN RADIUS : 1.273
 MAX RADIUS : 2.600
 CENTROID X : -1.081
 CENTROID Y : -.187

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.74
 VS= 3.05
 GS= 4.22

2
 4
 7

BARBER - M24 0107731

REMINGTON CENTERFIRE ACCURACY TEST

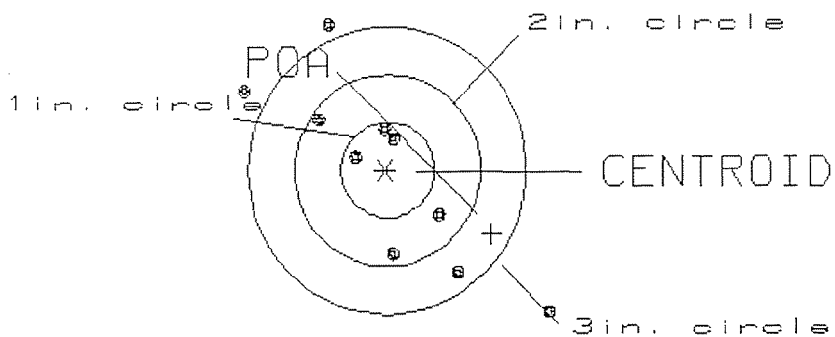
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: 1.336
 MIN RADIUS : .362
 MEAN RADIUS : 1.071
 MAX RADIUS : 2.284
 CENTROID X : -1.156
 CENTROID Y : .670

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.28

3

VS= 2.98

6

GS= 4.02

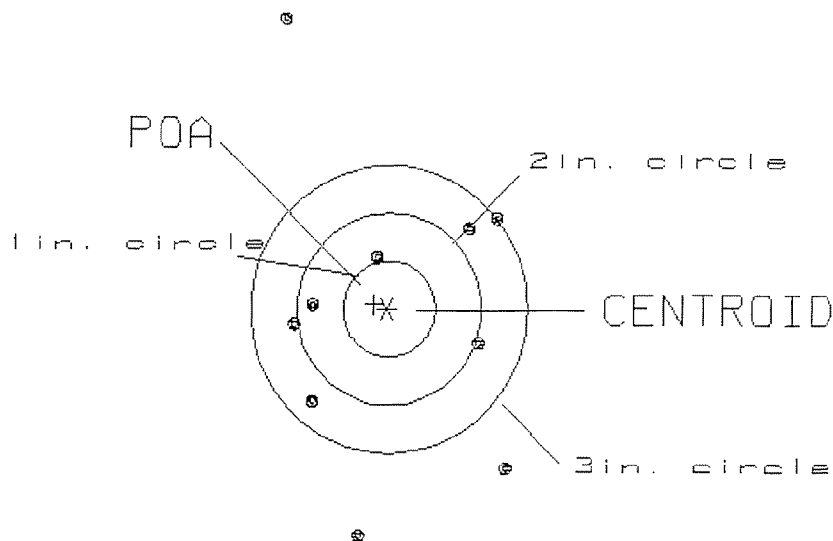
7

PATTERN #: 050
 POA TO CENTROID: .141
 MIN RADIUS : .581
 MEAN RADIUS : 1.522
 MAX RADIUS : 3.275
 CENTROID X : .133
 CENTROID Y : -.047

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.36

0

VS= 5.43

2

GS= 5.49

6

BARBER - M24 0107733

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349097

3 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.394

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.8326

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .921118

THE AMR FOR THIS RIFLE IS: 1.333

CENTROIDAL DISTANCES

0 TO	1	1.09005
1 TO	2	1.1796
1 TO	3	.161012
1 TO	4	.313944
1 TO	5	2.20104

5

+ <----POA

1 3

4

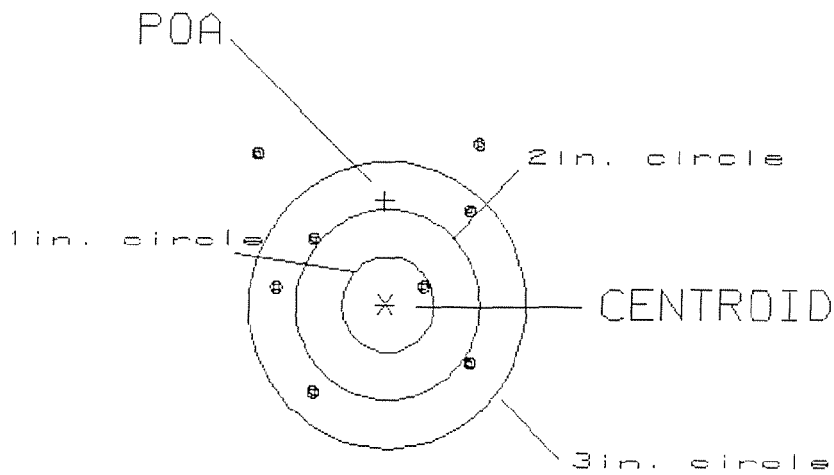
2

PATTERN #: 010
 POA TO CENTROID: 1.090
 MIN RADIUS : .431
 MEAN RADIUS : 1.422
 MAX RADIUS : 2.067
 CENTROID X : .010
 CENTROID Y : -1.090

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.34
 VS= 3.53
 GS= 4.02

1
 1
 6

BARBER - M24 0107735

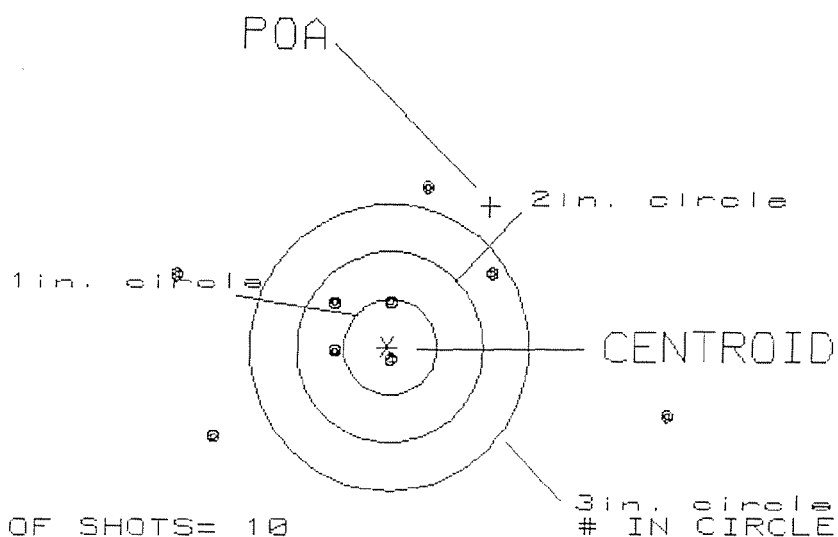
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 020
POA TO CENTROID: 1.843
MIN RADIUS : .099
MEAN RADIUS : 1.500
MAX RADIUS : 3.098
CENTROID X : -1.105
CENTROID Y : -1.475

3 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6349097

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 5.33

2

VS= 3.91

4

GS= 5.53

5

BARBER - M24 0107736

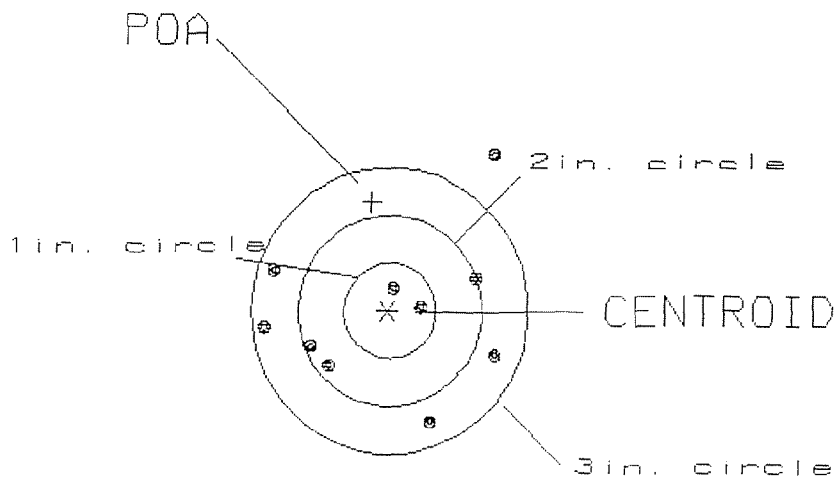
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: 1.148
MIN RADIUS : .228
MEAN RADIUS : 1.049
MAX RADIUS : 2.025
CENTROID X : .164
CENTROID Y : -1.137

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.48
VS= 2.60
GS= 3.05

2
5
9

BARBER - M24 0107737

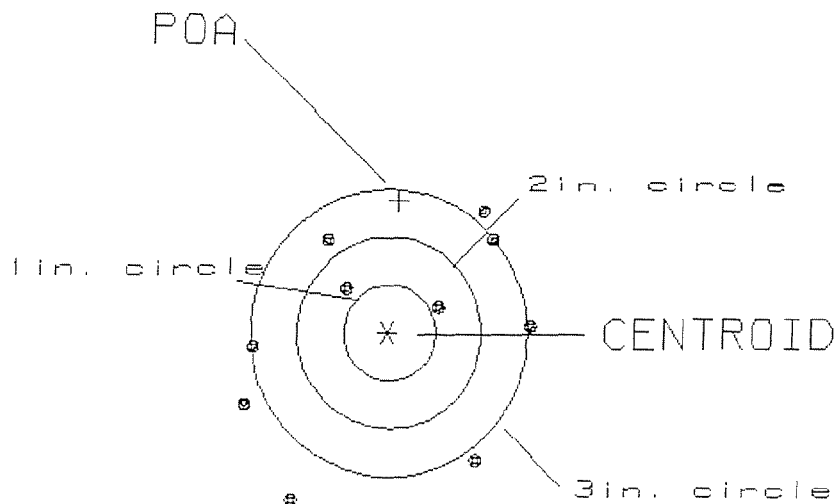
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 04L
POA TO CENTROID: 1.377
MIN RADIUS : .619
MEAN RADIUS : 1.412
MAX RADIUS : 2.067
CENTROID X : -.130
CENTROID Y : -1.371

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 3.10

0

VS= 3.00

2

GS= 3.67

3

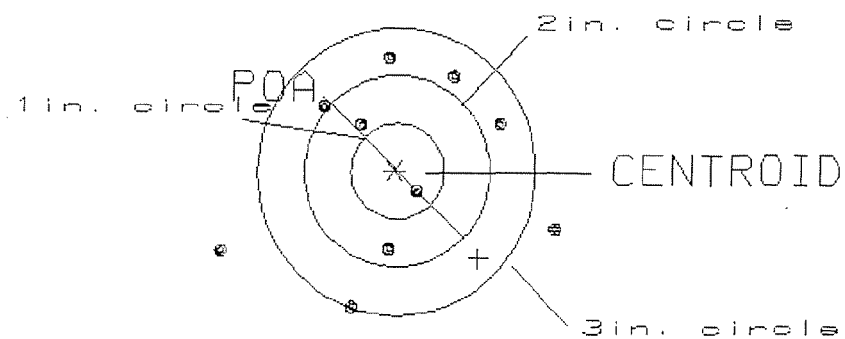
PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.287
 MIN RADIUS : .358
 MEAN RADIUS : 1.181
 MAX RADIUS : 2.069
 CENTROID X : -.909
 CENTROID Y : .910

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349097

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.64

1

VS= 2.56

3

GS= 3.65

6

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>Ream Ejector hole</i> <i>Polish Ejector</i> <i>12/8/59</i>	<i>Ru</i>
TEST		
TGT		
PROOF	<i>Shot OK</i> <i>—</i>	<i>Ru</i>
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____		GA. CAL. _____	GUN # _____	ASSEM. # _____
# TEST	DATE	MALFUNCTION/DEFECT		
	1st	<i>slunk burst didn't eject</i>		
	4-27-89			
	2nd			
	3rd			
	4th			
		FUNCTION		RD 6654 Rev 1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349097

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	A
	C) Inspect Ejector Hole for Chamfer		11-10-89	A
	D) Oil Firing Pin Ass'y		11-10-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		11-10-89	QDS

BARBER - M24 0107742

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	3	3	10 Nov 89	JS
	G) Safety Off Force	3	3	3	10 Nov 89	JS
	H) Trigger Pull Test & Retainability				10 Nov 89	JS
	I) Firing Pin Indent	.021	.021	.021	10 Nov 89	JS
	J) Assemble Stock				11-16-89	AC
	K) Assemble Swivel Studs				11 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies				11-16-89	AC
	M) Iron Sight Alignment				11-16-89	AC
	N) Detach Front & Rear Sights & place in numbered container				11-16-89	AC
	O) Attach Scope to Rifle				10 Nov 89	JS
	P) Detach & Attach Scope 20 Times				10 Nov 89	JS
640	Gallery Target & Test				11-27-89	DH
	A) Time				11-27-89	DH
	B) Malfunctions				11-27-89	DH
	C) Pierced Primers				11-27-89	DH
	D) Optical Clarity of Scope				11-27-89	DH
645	Inspect for Live Ammo				11-27-89	DH
655	Final Inspection					
	A) Headspace				11 Dec 89	JS
	B) Trigger Pull	260	247	246	11 Dec 89	JS
	C) Function				11 Dec 89	JS
660	Pack				18 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 9097

DATE 22 Mar 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	249	245		242	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	243	229		243	
PULL #3	244	236		247	
PULL #4	244	240		242	
PULL #5	248	247		240	
TOTAL	1228	1197			
AVG.	2456	2394			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	339	331		
PULL #2	329	333		
PULL #3	330	327		
PULL #4	333	328		
PULL #5	328	334		
TOTAL	1659	1653		
AVG.	3318	3306		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	400	389		
PULL #2	397	392		
PULL #3	395	392		
PULL #4	396	399		
PULL #5	389	395		
TOTAL	1977	1967		
AVG.	3954	3934		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349097
27 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.299376
1 TO	2	.142274
1 TO	3	.341541
1 TO	4	.520578
1 TO	5	.813813

5432 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0516
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1346
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144152
THE AMR FOR THIS RIFLE IS: .9922

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349097

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 10

HS- 2.685

VS= 1.921

GS= 2.693

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.267	1.089
MINIMUM X	:	-1.376	-1.418	-1.415
MAXIMUM Y	:	1.388	.456	.475
MINIMUM Y	:	-.533	-.379	-.359
CENTROID X	:	.295	.338	.516
CENTROID Y	:	-.051	-.205	-.224
POA TO CENTROID in.	:	.300	.396	.562
MIN RADIUS	:	.225	.264	.190
MEAN RADIUS	:	.983	.909	.819
MAX RADIUS	:	1.441	1.427	1.493
HORIZONTAL SPREAD	:	2.685	2.685	2.504
VERTICAL SPREAD	:	1.921	.835	.835
EXTREME SPREAD	:	2.693	2.693	2.572
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349097

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.269

VS= 2.397

GS= 2.862

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	1.050	1.109
MINIMUM X	:	-1.178	-1.057	-.997
MAXIMUM Y	:	1.042	1.093	.938
MINIMUM Y	:	-1.355	-1.239	-1.067
CENTROID X	:	.206	.085	.025
CENTROID Y	:	-.162	-.278	-.123
POA TO CENTROID in.	:	.262	.291	.125
MIN RADIUS	:	.458	.549	.395
MEAN RADIUS	:	1.044	.998	.937
MAX RADIUS	:	1.508	1.328	1.243
HORIZONTAL SPREAD	:	2.269	2.107	2.107
VERTICAL SPREAD	:	2.397	2.332	2.005
EXTREME SPREAD	:	2.862	2.590	2.279
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349097

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.190

VS= 2.201

GS= 2.712

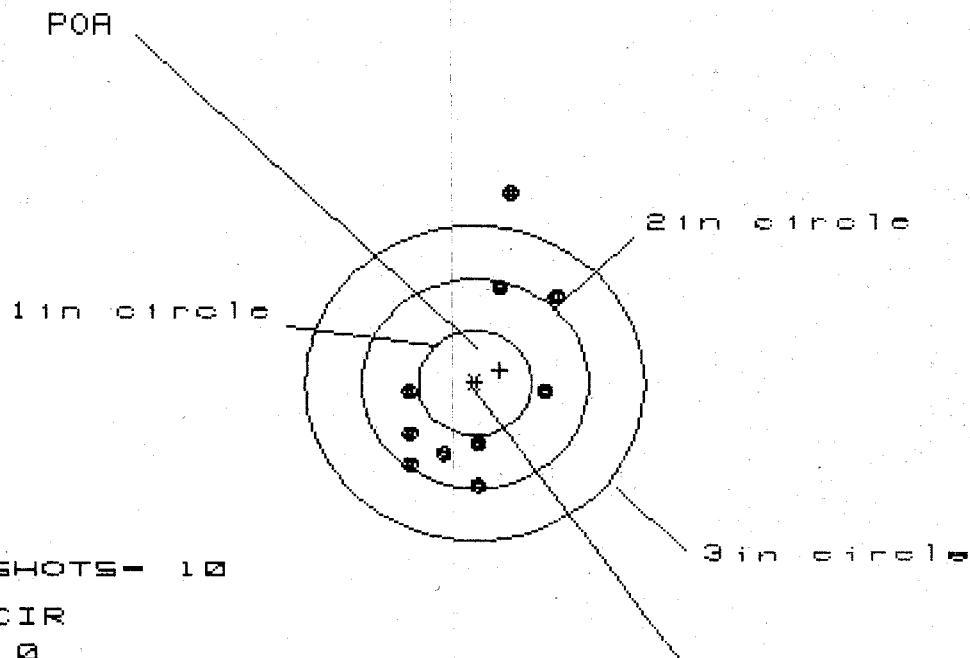
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	.543	.520
MINIMUM X	:	-.931	-.791	-.814
MAXIMUM Y	:	1.250	1.144	.542
MINIMUM Y	:	-.951	-.997	-.853
CENTROID X	:	-.030	-.170	-.147
CENTROID Y	:	-.156	-.050	-.194
POA TO CENTROID in.	:	.159	.178	.243
MIN RADIUS	:	.268	.328	.245
MEAN RADIUS	:	.782	.679	.620
MAX RADIUS	:	1.578	1.159	1.000
HORIZONTAL SPREAD	:	2.190	1.334	1.334
VERTICAL SPREAD	:	2.201	2.141	1.396
EXTREME SPREAD	:	2.712	2.261	1.875
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 8

3 in - 9

HS- 1.312

VS- 2.791

GS- 2.801

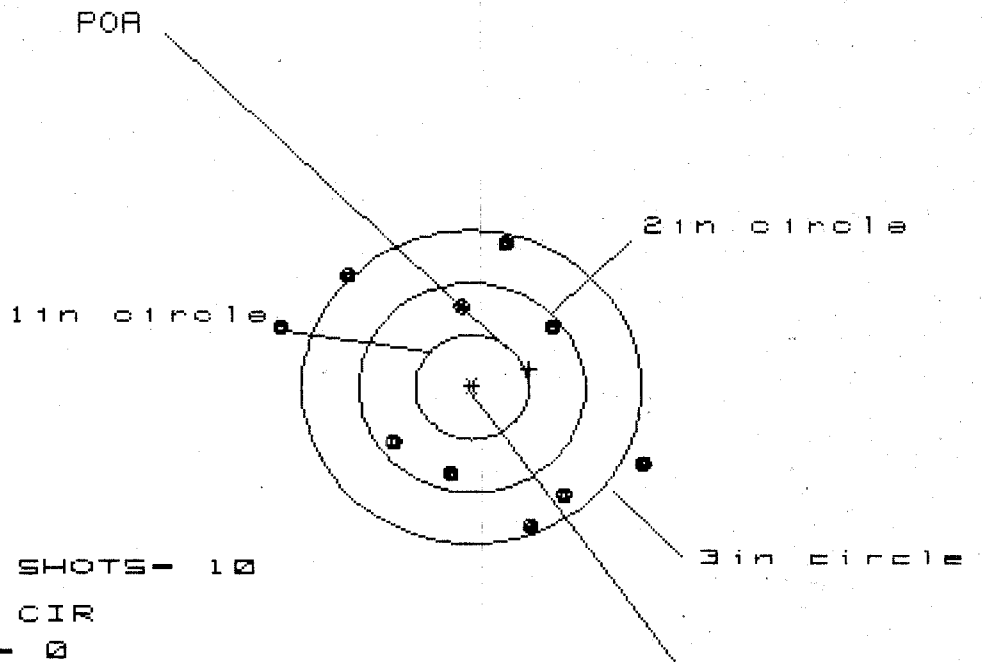
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.776	.738
MINIMUM X	:	-.567	-.536	-.439
MAXIMUM Y	:	1.824	1.151	1.284
MINIMUM Y	:	-.967	-.765	-.632
CENTROID X	:	-.220	-.251	-.348
CENTROID Y	:	-.127	-.329	-.462
POA TO CENTROID in.	:	.254	.414	.578
MIN RADIUS	:	.570	.387	.300
MEAN RADIUS	:	.911	.751	.629
MAX RADIUS	:	1.844	1.315	1.327
HORIZONTAL SPREAD	:	1.312	1.312	1.177
VERTICAL SPREAD	:	2.791	1.916	1.916
EXTREME SPREAD	:	2.801	2.110	1.923
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.244

VS= 2.675

GS= 3.489

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.347	.758
MINIMUM X	:	-1.707	-1.245	-1.077
MAXIMUM Y	:	1.347	1.415	1.339
MINIMUM Y	:	-1.328	-1.260	-1.336
CENTROID X	:	-.509	-.319	-.487
CENTROID Y	:	-.177	-.245	-.169
POA TO CENTROID in.	:	.539	.402	.516
MIN RADIUS	:	.775	.807	.771
MEAN RADIUS	:	1.241	1.165	1.115
MAX RADIUS	:	1.814	1.684	1.510
HORIZONTAL SPREAD	:	3.244	2.592	1.835
VERTICAL SPREAD	:	2.675	2.675	2.675
EXTREME SPREAD	:	3.489	3.121	2.836
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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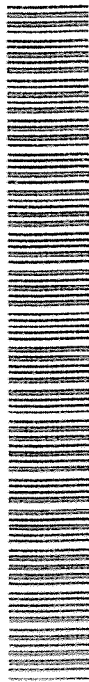
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6049097

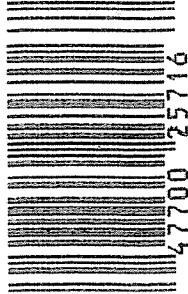
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