

C6611529

MODEL 760™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00143912

Serial: C6611529 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/1/2008 1:32:21 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HEADQUARTERS AND HEADQUARTERS CO

HEADQUARTERS AND HEADQUARTERS CO

Address 1: 2ND BN 9TH INF REG

2ND BN 9TH INF REG

Address 2: UNIT #15101

PO Box:

UNIT #15101

PO Box:

City: APO

APO

State: CA

Zip Code: 96224

Country: US

State: CA

Zip Code: 96224

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE AND SCOPE	1

Repair Search

Refresh

Close

naglej

4/2/2008

9:42 AM

ITD...

NUM

...

...

...



Serial Number: C6611529

Model: M24 SWS



RE00143912

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611529.___0
FILE DATE AND TIME: 04/16/2008 14:09

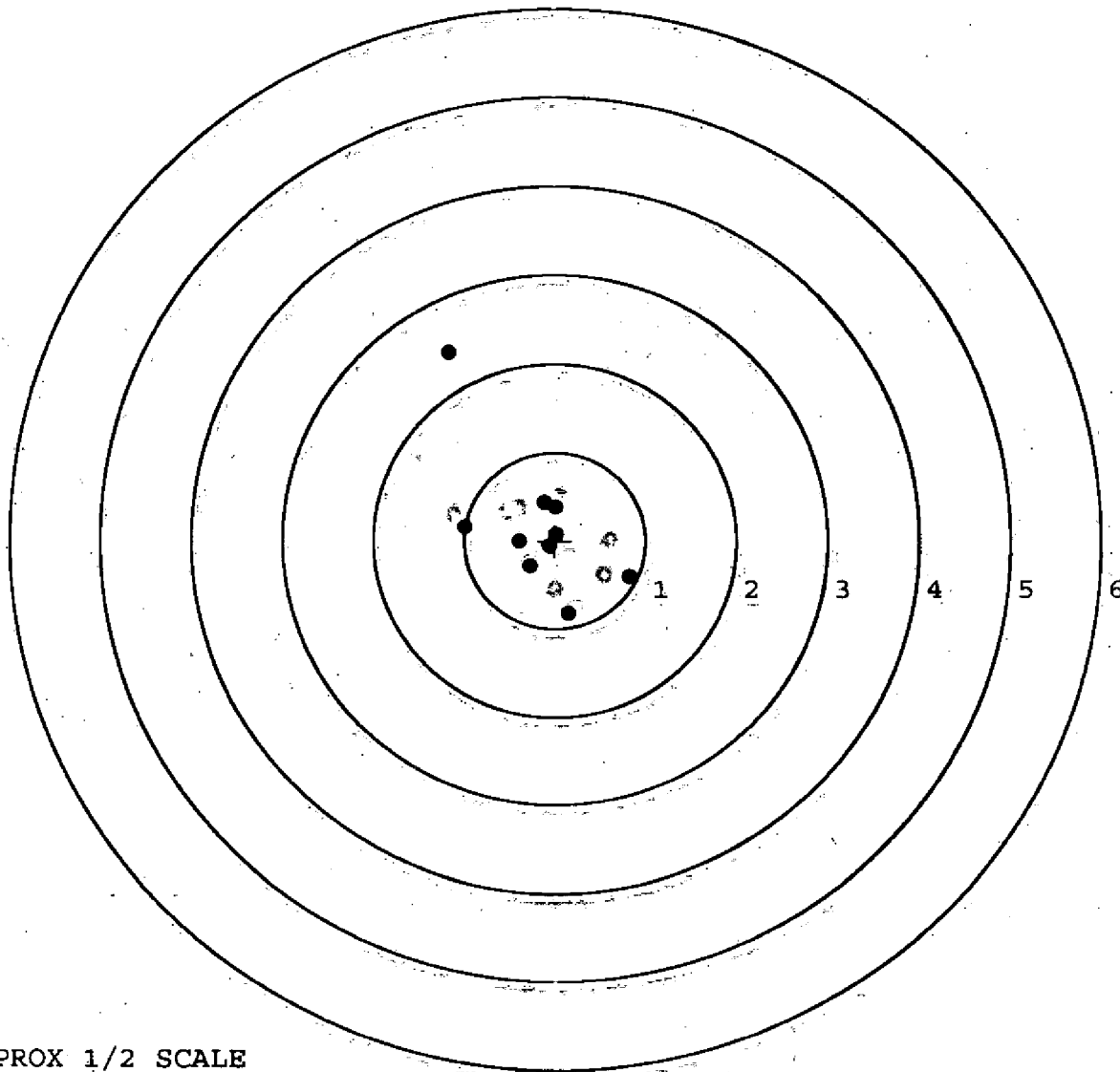
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.256
The Distance from Centroid Target #2 to Centroid Target #1:	0.215
The Distance from Centroid Target #3 to Centroid Target #1:	0.509
The Distance from Centroid Target #4 to Centroid Target #1:	0.329
The Distance from Centroid Target #5 to Centroid Target #1:	0.328

SERIAL NUMBER: C6611529, 0
TARGET NUMBER: 1
FILE DATE: 04/16/2008
FILE TIME: 14:09

X CENTROID: -0.203
Y CENTROID: 0.157
POA TO CENTROID: 0.256
HORZ SPREAD: 1.994
VERT SPREAD: 2.950
GROUP SPREAD: 3.234
MIN RADIUS: 0.236
MAX RADIUS: 2.190
MEAN RADIUS: 0.701
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.821	-0.409
2:	-0.152	-0.829
3:	-0.996	0.156
4:	-0.119	0.436
5:	0.010	0.385
6:	0.019	-0.076
7:	-0.066	-0.060
8:	-0.276	-0.291
9:	-0.397	-0.012
10:	-1.173	2.121



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611529. 0

TARGET NUMBER: 2

FILE DATE: 04/16/2008

FILE TIME: 14:09

X CENTROID: -0.166

Y CENTROID: -0.054

POA TO CENTROID: 0.174

HORZ SPREAD: 1.717

VERT SPREAD: 1.391

GROUP SPREAD: 1.797

MIN RADIUS: 0.192

MAX RADIUS: 1.072

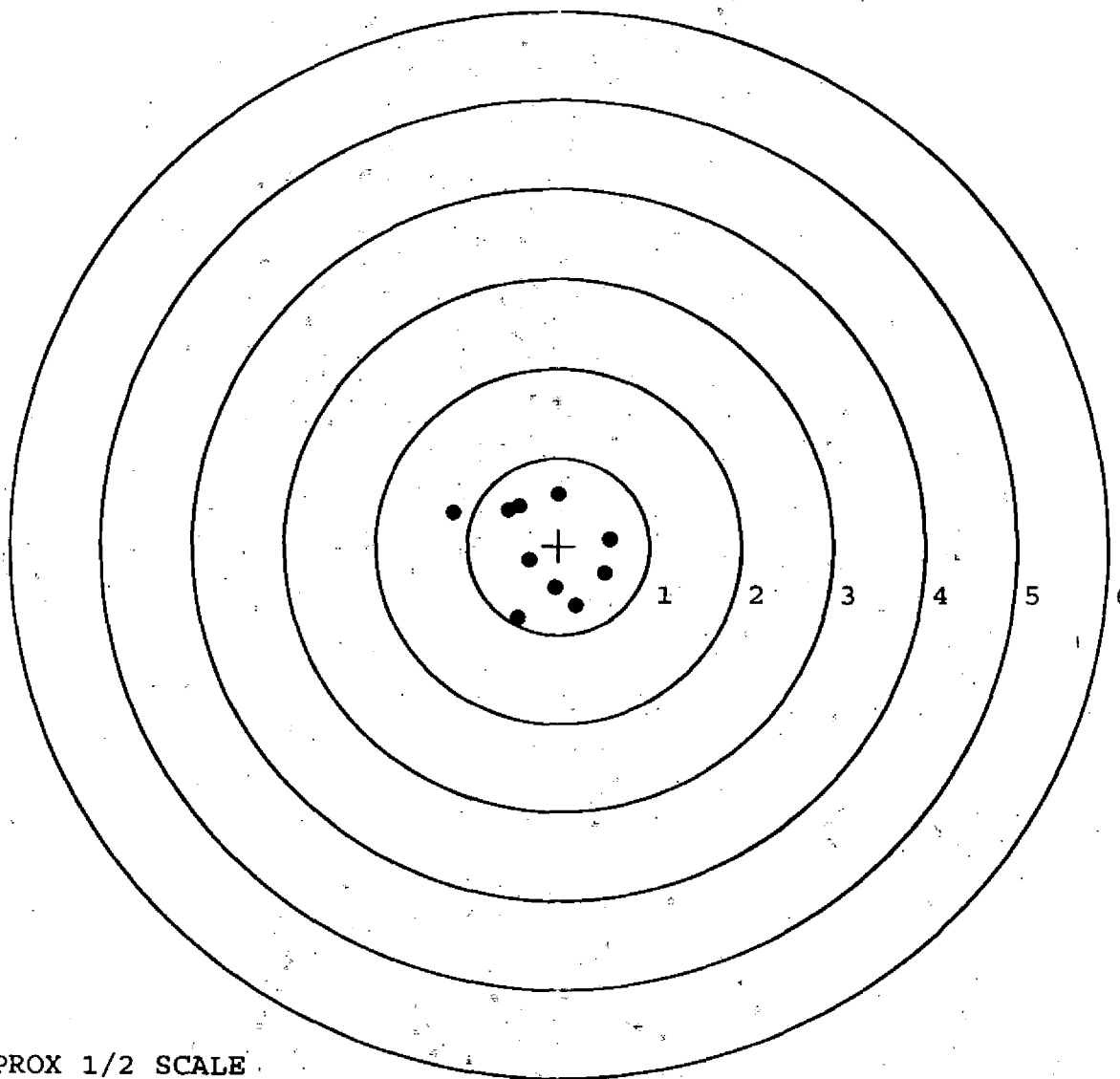
MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.004	0.583
2:	-0.429	0.451
3:	-0.553	0.401
4:	-1.148	0.374
5:	0.569	0.078
6:	0.513	-0.311
7:	-0.325	-0.161
8:	-0.442	-0.808
9:	0.198	-0.678
10:	-0.034	-0.474



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611529. 0

TARGET NUMBER: 3

FILE DATE: 04/16/2008

FILE TIME: 14:09

X CENTROID: 0.073

Y CENTROID: -0.271

POA TO CENTROID: 0.280

HORZ SPREAD: 1.370

VERT SPREAD: 1.553

GROUP SPREAD: 2.020

MIN RADIUS: 0.114

MAX RADIUS: 1.077

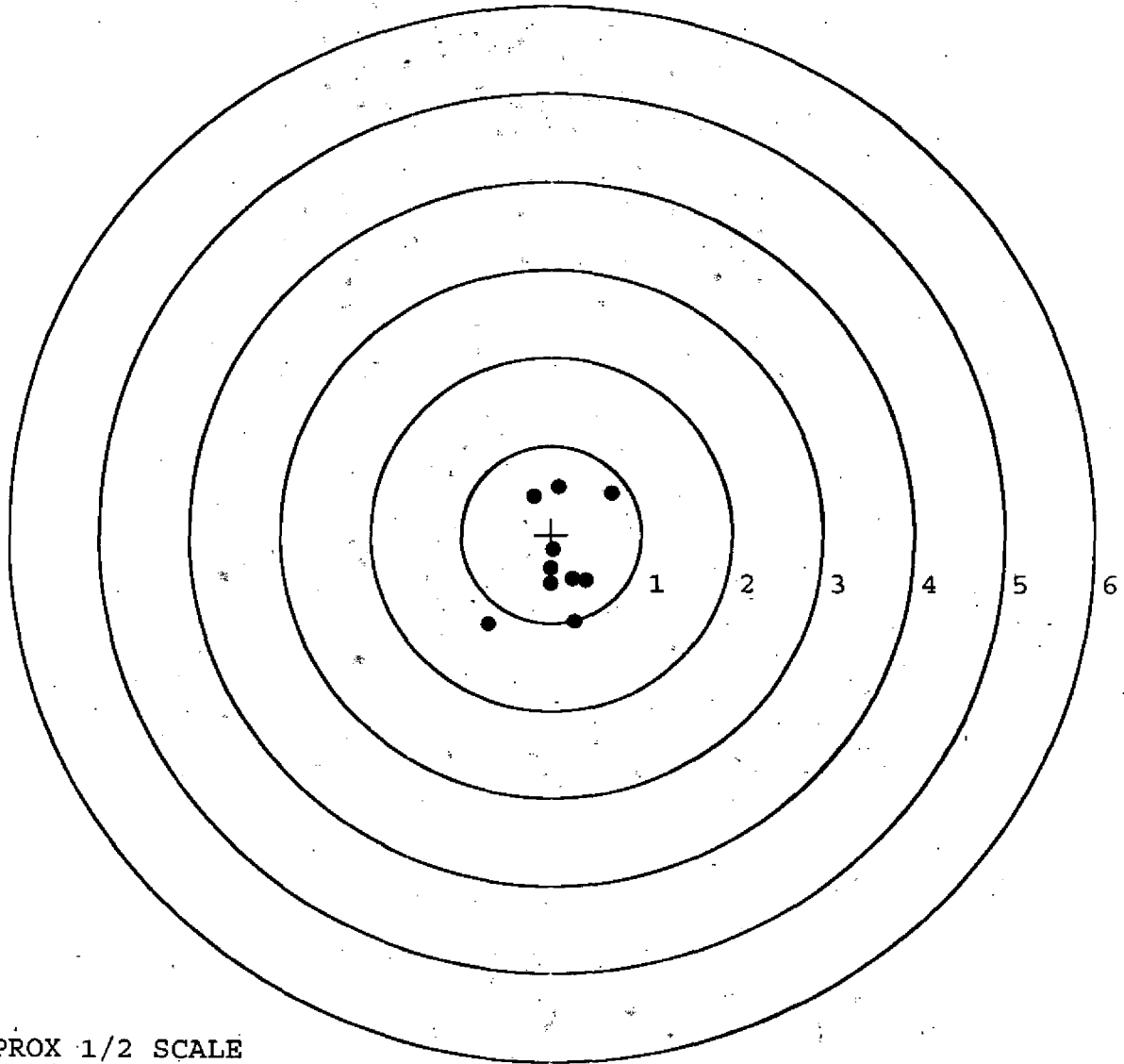
MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.254	-0.989
2:	0.384	-0.523
3:	0.238	-0.505
4:	-0.010	-0.557
5:	-0.010	-0.384
6:	0.023	-0.168
7:	-0.703	-1.017
8:	0.667	0.468
9:	0.080	0.536
10:	-0.194	0.432



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611529. 0

TARGET NUMBER: 4

FILE DATE: 04/16/2008

FILE TIME: 14:09

X CENTROID: 0.060

Y CENTROID: -0.041

POA TO CENTROID: 0.073

HORZ SPREAD: 1.928

VERT SPREAD: 1.321

GROUP SPREAD: 2.000

MIN RADIUS: 0.408

MAX RADIUS: 1.226

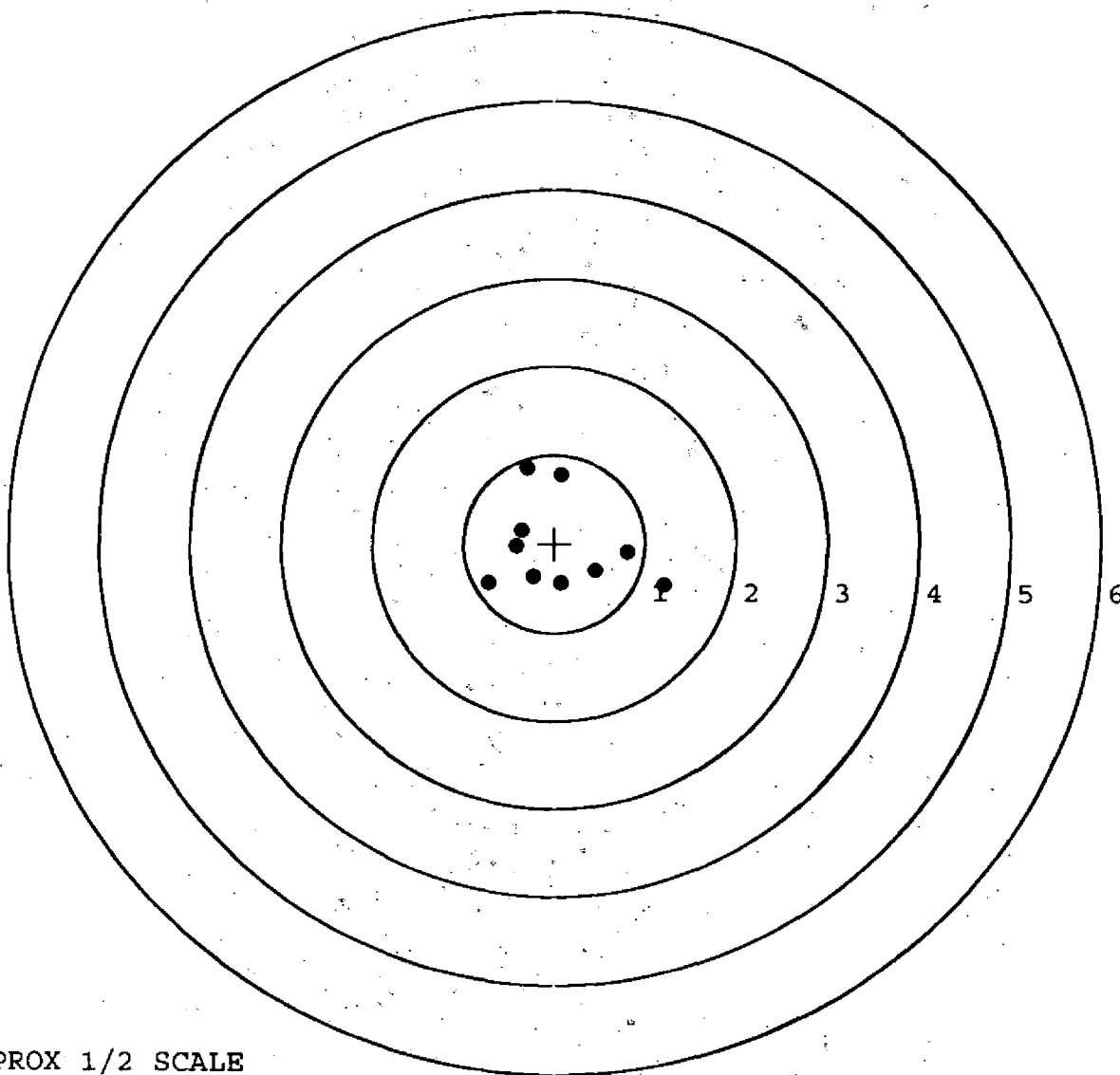
MEAN RADIUS: 0.690

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.207	-0.473
2:	0.808	-0.098
3:	0.455	-0.306
4:	0.074	-0.448
5:	-0.229	-0.377
6:	-0.721	-0.448
7:	-0.423	-0.027
8:	-0.362	0.149
9:	0.085	0.773
10:	-0.294	0.848



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611529.___0

TARGET NUMBER: 5

FILE DATE: 04/16/2008

FILE TIME: 14:09

POINT#	X	Y
1:	0.607	-1.548
2:	0.750	-0.856
3:	0.863	-0.044
4:	0.902	0.831
5:	-0.565	1.283
6:	-1.195	0.247
7:	-0.527	0.105
8:	-0.221	0.035
9:	0.032	-0.054
10:	0.267	0.110

X CENTROID: 0.091

Y CENTROID: 0.011

POA TO CENTROID: 0.092

HORZ SPREAD: 2.097

VERT SPREAD: 2.831

GROUP SPREAD: 3.064

MIN RADIUS: 0.088

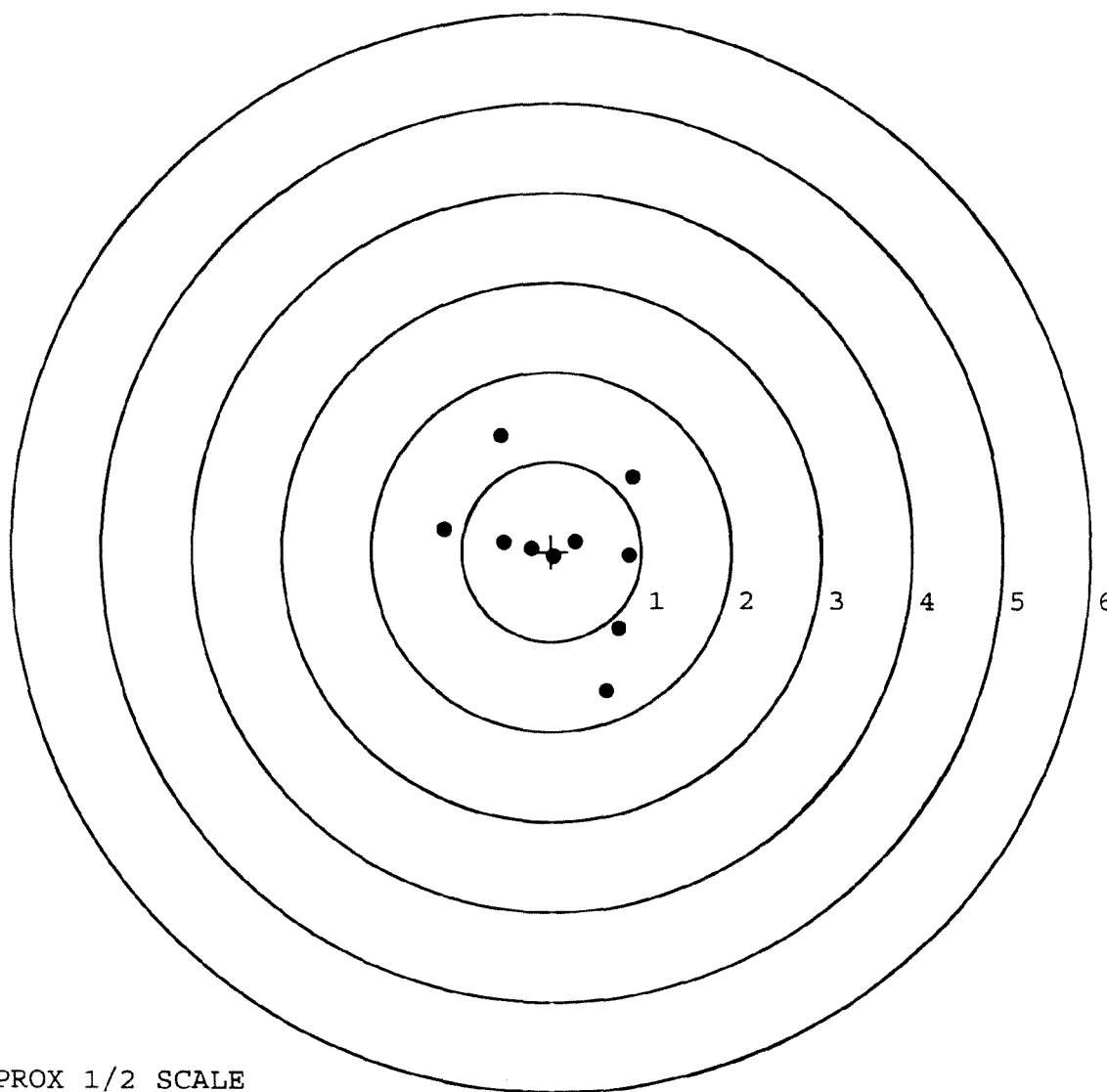
MAX RADIUS: 1.642

MEAN RADIUS: 0.863

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

WORK NUMBER 00143912
SERIAL NUMBER C 6611529
LOG-IN DATE 4-1-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-3-08	RPD
505	RE-BARREL	4-3-08	RPD
560	ASSEMBLE	4-3-08	RJC
600	PROOF	4-7-08	TRW
605	CHECK HEADSPACE	4-7-08	TRW
610	DIS-ASSEMBLE GUN	4-8-08	RPD
612	MAGNAFLUX	4-8-08	WMB
510	DRILL AND TAP	4-9-08	FM
615	ROLLMARK CALIBER	4-9-08	CW
618	ROTO-BLAST	4-9-08	DG
620	APPLY COATINGS	4-11-08	W7
625	FINAL ASSEMBLY	4-15-08	RJC
640	FUNCTION TEST AND	4-16-08	TRW
650	TARGET	4-16-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	4-17-08	TRW
	B) TRIGGER PULL	4-17-08	TRW
	C) SAFETY ON FORCE	4-17-08	TRW
	D) SAFETY OFF FORCE	4-17-08	TRW
	E) FIRING PIN INDENT	4-17-08	TRW
690	PACK	4-18-08	FM

MAGNA - FLUX

APR 09 2008

OPERATOR

PASS

FAIL

PASS

FAIL

N/A

PASS

FAIL

2.72 2.75 2.87 2.74 2.74 4-17-08

5.0 5.25 5.5 4-17-08

3.0 3.0 2.75 4-17-08

.0225 .022 .023 4-17-08

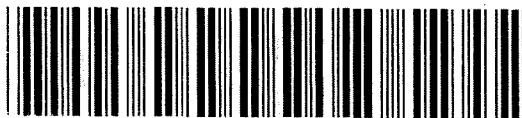
C-6611529

Repair Inquiry		Serial: C6611529 Model 700 Center Fire Caliber: 7.62 NATO M-24 SWS		Repairman:																														
Repair Number: RE00002341				Status:	New 1/12/00 8:07:17 AM																													
Verify Repair																																		
Address Information																																		
Customer:		☒ Received From		Return To: ☐ Received From																														
Name: UNCSB-JSA		UNCSB-JSA																																
Address 1: UNIT 15162		UNIT 15162																																
Address 2:		PO Box:		PO Box:																														
City: APO		APO																																
State: AP Zip Code: 962510417 Country: US		State: AP Zip Code: 962510417 Country: US																																
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																																		
Contact / Condition		Problems		Estimate		History / Status		Shipping / Billing																										
Contact Information		Received Condition		Accessories Received																														
Phone:		Poor		<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A005</td><td>Less Bolt</td><td>1</td></tr><tr><td>A007</td><td>With Studs</td><td>2</td></tr><tr><td>A008</td><td>With Swivels</td><td>2</td></tr><tr><td>A009</td><td>Soft 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>2</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr><tr><td>XXXX</td><td>W/RIPND</td><td>1</td></tr></tbody></table>				Code	Desc	Qty	A005	Less Bolt	1	A007	With Studs	2	A008	With Swivels	2	A009	Soft Case	1	A016	Scope Mounts	2	A017	Scope Base	2	A026	Scope	1	XXXX	W/RIPND	1
Code	Desc	Qty																																
A005	Less Bolt	1																																
A007	With Studs	2																																
A008	With Swivels	2																																
A009	Soft Case	1																																
A016	Scope Mounts	2																																
A017	Scope Base	2																																
A026	Scope	1																																
XXXX	W/RIPND	1																																
Fax:		Condition Notes:																																
Email:		CSR Notes:																																
Comments:																																		
Repair Search				Refresh		Close																												

Serial Number: C6611529

Model ID: 700

SWS



RE00002341

BBL 96003
Stock 96018
BOLT - 96005

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611529

4 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .018

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.262

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .262618

THE AMR FOR THIS RIFLE IS: 1.263

CENTROIDAL DISTANCES

0 TO	1	.820244
1 TO	2	1.11389
1 TO	3	1.42173
1 TO	4	.593125
1 TO	5	.554932

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

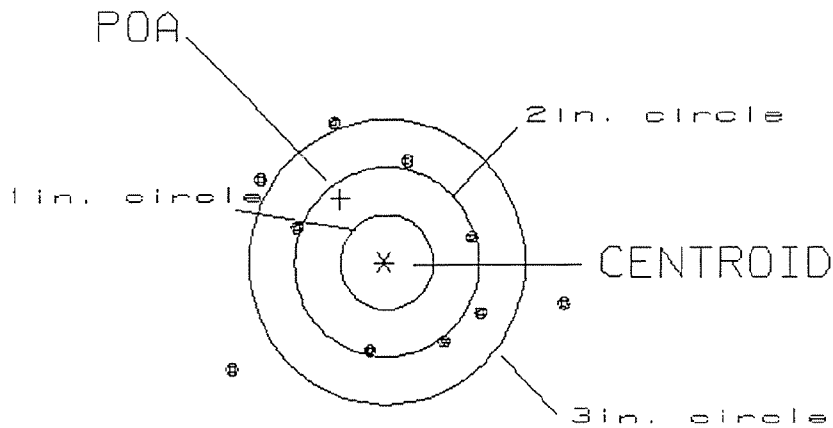
PATTERN #: 1

POA TO CENTROID: .820
 MIN RADIUS : .942
 MEAN RADIUS : 1.333
 MAX RADIUS : 1.998
 CENTROID X : .476
 CENTROID Y : -.668

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C5611529

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.55
 VS= 2.58
 GS= 3.62

0
 2
 6

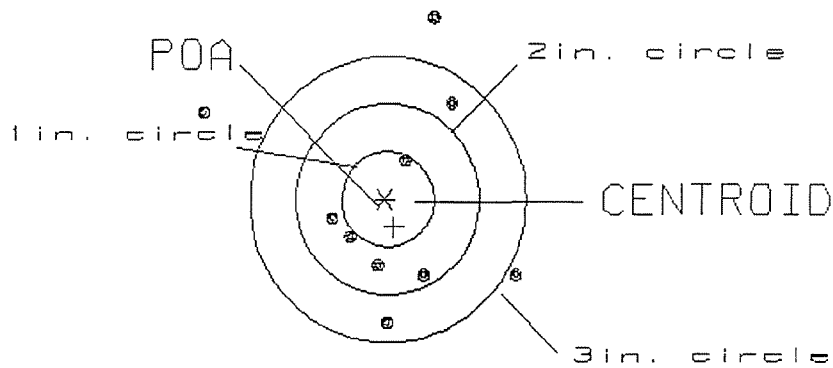
PATTERN #: 2

POA TO CENTROID: .304
 MIN RADIUS : .435
 MEAN RADIUS : 1.146
 MAX RADIUS : 2.219
 CENTROID X : -.094
 CENTROID Y : .289

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C66611529

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.43

1

VS= 3.17

5

GS= 3.86

7

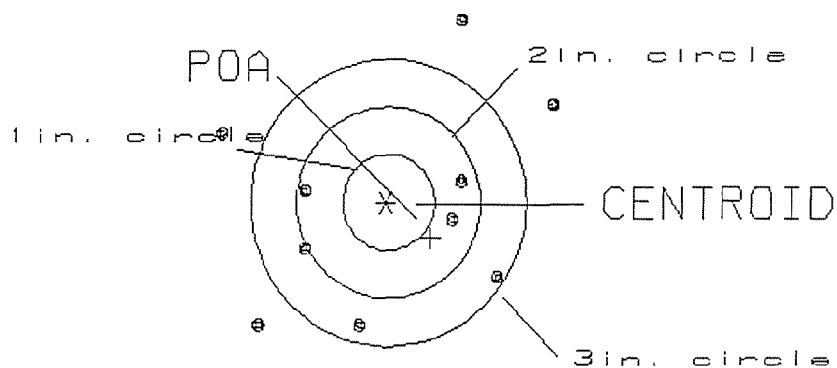
PATTERN #: 3

POA TO CENTROID: .617
 MIN RADIUS : .720
 MEAN RADIUS : 1.417
 MAX RADIUS : 2.096
 CENTROID X : -.488
 CENTROID Y : .377

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611529

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.68

0

VS= 3.27

4

GS= 3.95

6

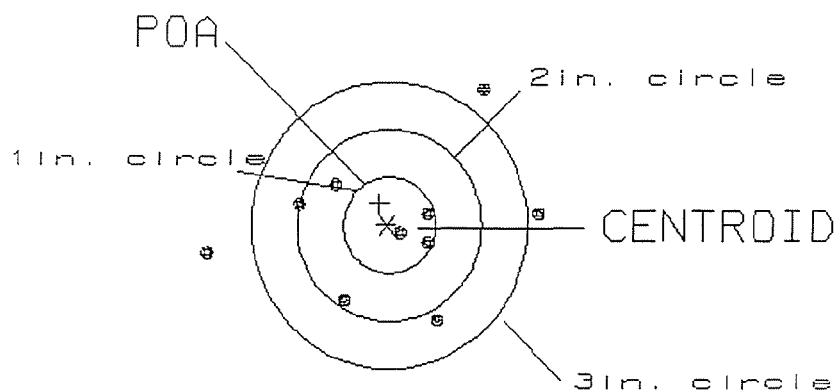
PATTERN #: 4

POA TO CENTROID: .238
 MIN RADIUS : .136
 MEAN RADIUS : 1.026
 MAX RADIUS : 2.006
 CENTROID X : .085
 CENTROID Y : -.222

4 Apr 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6611529

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.64

3

VS= 2.43

5

GS= 3.66

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

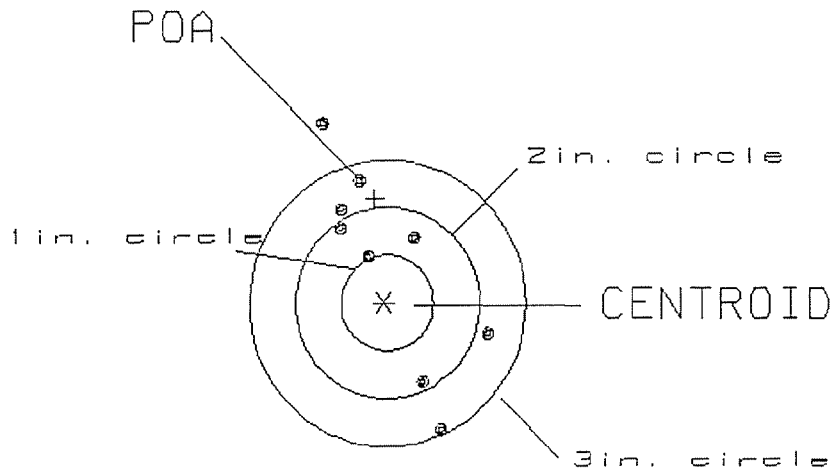
PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.092
 MIN RADIUS : .552
 MEAN RADIUS : 1.391
 MAX RADIUS : 3.749
 CENTROID X : .111
 CENTROID Y : -1.086

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611529

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.82

0

VS= 5.62

4

GS= 5.66

8

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6611529*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	<i>1-10-00</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>1-12-00</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>1-12-00</i>	<i>RW</i>
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	<i>4-5-00</i>	<i>RW</i>
655	FINAL INSPECT	<i>4-10-00</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6611529

DATE REC'D: 1-5-00

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:




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

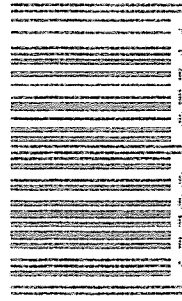
MODEL 700TM H24

SERIAL NO.
C6611529

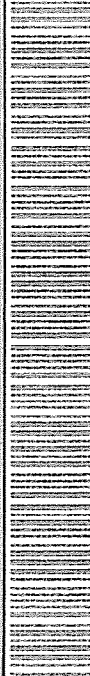
ORDER NO.
5716

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

LPC



0 47700 25716 7



5716 C6611529

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611529

OP. #	OP. NAME	READINGS	DATE	INIT
575- & 580	Assemble Action and Stock	1 25	91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun	1	91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	GB
617	Drill and Tap Sight Holes	1 30	91	LB
618	Polish Barrel <i>ABB</i>	1 30	91	LB
620	Apply Coatings (Barrel Action)		2-10-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/18/91	GB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/19/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			2/19/91	WB
	H) Trigger Pull Test & Retainability						2/18/91	JY
	I) Firing Pin Indent	.0205	.0205	.0205			2/19/91	WB
	J) Assemble Stock						2/19/91	RW
	K) Assemble Swivel Studs						2-22-91	A
	L) Attach Front and Rear Sight Assemblies						2/19/91	RW
	M) Iron Sight Alignment						2/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/19/91	RW
	O) Attach Scope to Rifle						2/19/91	RW
	P) Detach & Attach Scope 20 Times						2/19/91	RW
640	Gallery Target & Test						2-20-91	AC
	A) Time						2-20-91	AC
	B) Malfunctions						2-20-91	AC
	C) Pierced Primers						2-20-91	AC
	D) Optical Clarity of Scope						2-20-91	AC
645	Inspect for Live Ammo						2-20-91	AC
655	Final Inspection							
	A) Headspace						2-22-91	A
	B) Trigger Pull	2.29	2.15	2.23	2.24	2.21	2/21/91	JY
	C) Function						2-22-91	AC
660	Pack						3-18-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611529

DATE 2/18/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.31	2.25	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.31	2.20	2.15	
PULL #3	2.57	2.27	2.31	2.23	
PULL #4	2.47	2.37	2.33	2.24	
PULL #5	2.58	2.14	2.20	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.23		
PULL #2	3.23	3.26		
PULL #3	3.30	3.14		
PULL #4	3.25	3.20		
PULL #5	3.41	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.43		4.45
PULL #2	4.34	4.43		4.23
PULL #3	4.18	4.14		4.24
PULL #4	4.44	4.48		4.19
PULL #5	4.27	4.26		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611529
20 Feb 1991

CENTROIDAL DISTANCES

Ø TO	1	.468722
1 TO	2	.251114
1 TO	3	.559746
1 TO	4	.494919
1 TO	5	.194064

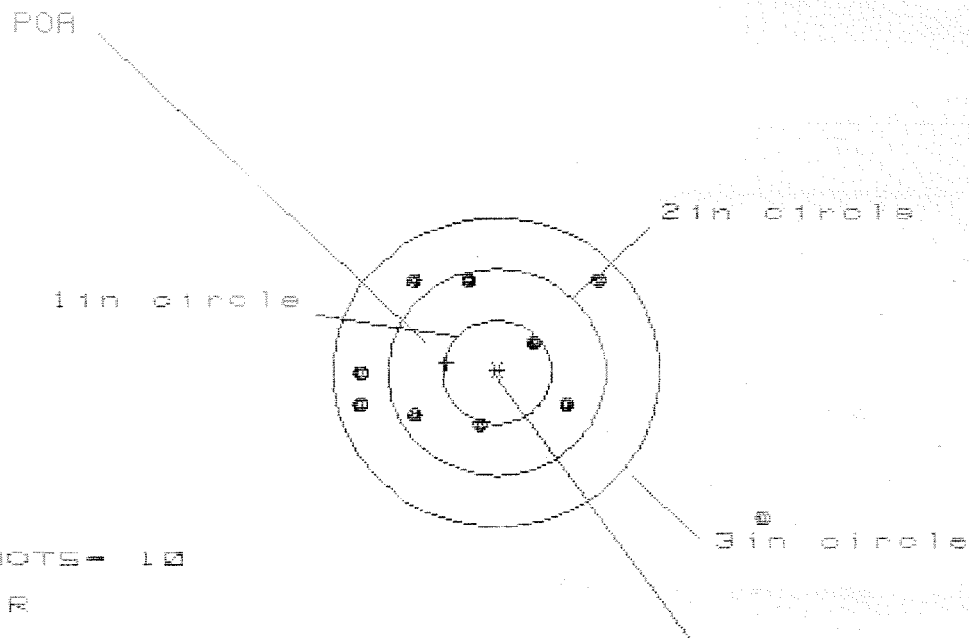
$\pm \frac{5}{32}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2442
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.185
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .306364
THE AMP FOR THIS RIFLE IS: .9062

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611529

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 3.752

VS = 2.305

GS = 4.011

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.462	1.212	1.069
MINIMUM X	:	-1.290	-1.016	-.865
MAXIMUM Y	:	.926	.773	.862
MINIMUM Y	:	-1.379	-.699	-.603
CENTROID X	:	.460	.186	.035
CENTROID Y	:	-.090	.063	-.033
POA TO CENTROID in.	:	.468	.197	.048
MIN RADIUS	:	.483	.674	.584
MEAN RADIUS	:	1.148	.932	.851
MAX RADIUS	:	2.822	1.437	1.145
HORIZONTAL SPREAD	:	3.752	2.228	1.934
VERTICAL SPREAD	:	2.305	1.472	1.465
EXTREME SPREAD	:	4.011	2.519	1.973
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11529

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.175

VS= 2.498

GS= 2.704

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.163	1.051	.963
MINIMUM X	-1.012	-.985	-1.073
MAXIMUM Y	1.246	1.362	.749
MINIMUM Y	-1.252	-1.136	-.966
CENTROID X	.327	.439	.527
CENTROID Y	-.303	-.419	-.589
POA TO CENTROID in.	.446	.607	.790
MIN RADIUS	.444	.287	.096
MEAN RADIUS	.947	.868	.749
MAX RADIUS	1.455	1.530	1.274
HORIZONTAL SPREAD	2.175	2.036	2.036
VERTICAL SPREAD	2.498	2.498	1.715
EXTREME SPREAD	2.704	2.691	2.188
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611529

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.199

VS= 2.633

GS= 2.650

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.468	.466	.500
MINIMUM X	:	-.731	-.733	-.699
MAXIMUM Y	:	1.273	1.121	.671
MINIMUM Y	:	-1.360	-.787	-.646
CENTROID X	:	-.010	-.008	-.042
CENTROID Y	:	-.394	-.242	-.383
POA TO CENTROID in.	:	.394	.243	.385
MIN RADIUS	:	.279	.397	.293
MEAN RADIUS	:	.730	.664	.576
MAX RADIUS	:	1.361	1.154	.817
HORIZONTAL SPREAD	:	1.199	1.199	1.199
VERTICAL SPREAD	:	2.633	1.908	1.317
EXTREME SPREAD	:	2.650	1.918	1.525
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611529

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 2.273

VS = 1.955

GS = 2.589

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.798

.635

.663

MINIMUM X

-1.475

-.565

-.486

MAXIMUM Y

.878

.908

.790

MINIMUM Y

-1.077

-1.047

-1.165

CENTROID X

-.011

.152

.073

CENTROID Y

-.242

-.272

-.154

POA TO CENTROID in.

.243

.312

.171

MIN RADIUS

.119

.182

.044

MEAN RADIUS

.010

.722

.647

MAX RADIUS

1.498

1.156

1.235

HORIZONTAL SPREAD

2.273

1.200

1.149

VERTICAL SPREAD

1.955

1.955

1.955

EXTREME SPREAD

2.589

2.089

1.961

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11529

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.503

VS= 2.376

GS= 2.731

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	.647	.564
MINIMUM X	:	-1.155	-1.005	-1.088
MAXIMUM Y	:	1.345	1.447	.981
MINIMUM Y	:	-1.030	-.929	-.748
CENTROID X	:	.455	.305	.388
CENTROID Y	:	.104	.003	-.178
POA TO CENTROID in.	:	.467	.305	.426
MIN RADIUS	:	.145	.273	.277
MEAN RADIUS	:	.896	.822	.701
MAX RADIUS	:	1.627	1.591	1.092
HORIZONTAL SPREAD	:	2.503	1.652	1.652
VERTICAL SPREAD	:	2.376	2.376	1.729
EXTREME SPREAD	:	2.731	2.712	1.857
NUMBER IN ONE* INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	