

C6348829

MODEL 700TM M24

Model SMSTM

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: RE00142400

Serial: C6348829 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Status: Closed 3/3/2008 3:02:38 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

State: NC

Zip Code: 28310

Country: US

FORT BRAGG

PO Box:

State: NC

Zip Code: 28310

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
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

3/4/2008

9:16 AM

CAPS

NUM



Serial Number:

C6348829

Model: M24 SWS



RE00142400

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348829.___0
FILE DATE AND TIME: 04/08/2008 14:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	0.116
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.334
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.399

SERIAL NUMBER: C6348829. 0

TARGET NUMBER: 1

FILE DATE: 04/08/2008

FILE TIME: 14:22

X CENTROID: -0.027

Y CENTROID: -0.080

POA TO CENTROID: 0.085

HORZ SPREAD: 1.774

VERT SPREAD: 2.106

GROUP SPREAD: 2.153

MIN RADIUS: 0.231

MAX RADIUS: 1.186

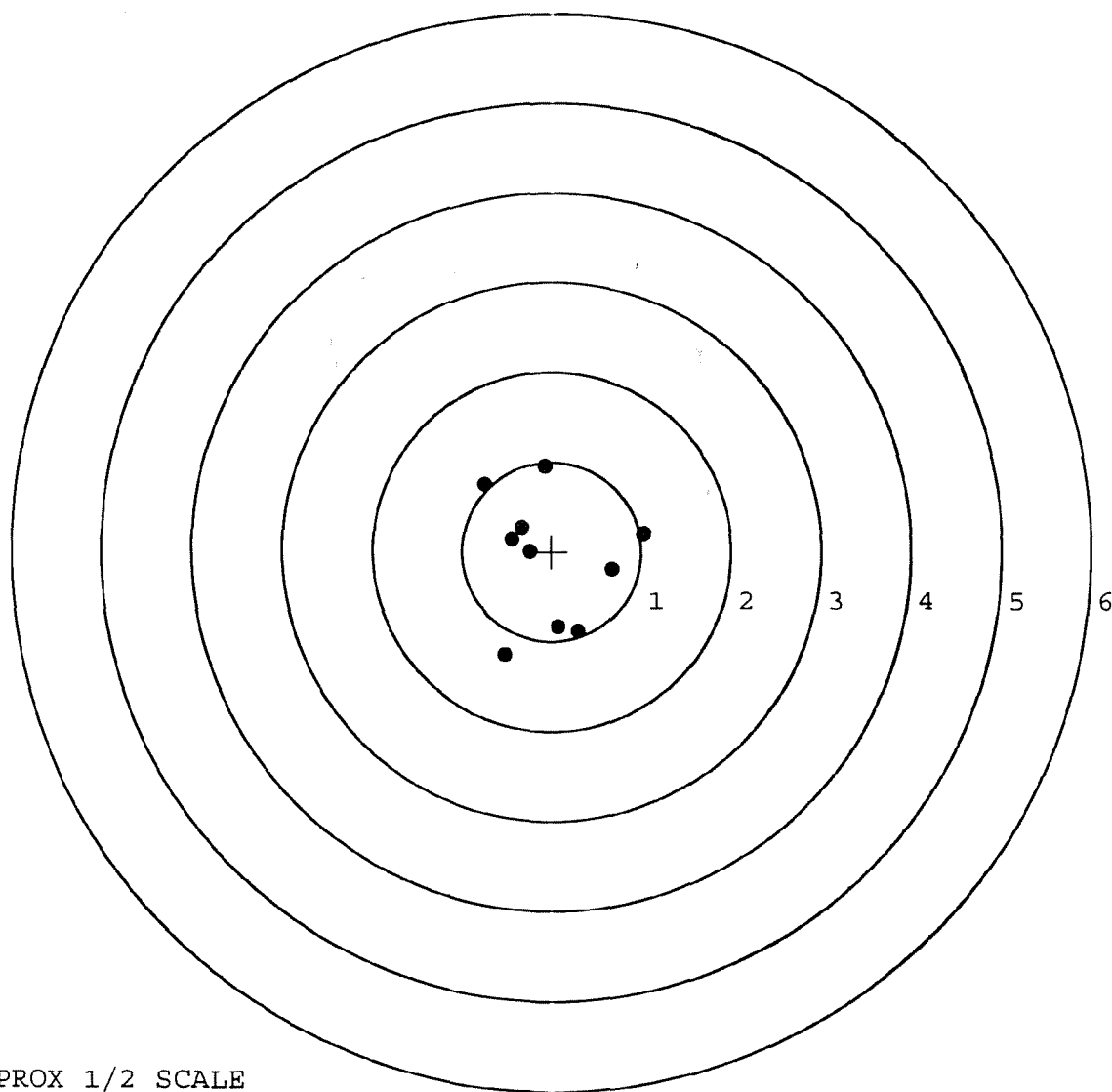
MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.747	0.748
2:	-0.076	0.949
3:	-0.331	0.260
4:	-0.442	0.134
5:	-0.242	0.004
6:	1.027	0.198
7:	0.679	-0.198
8:	0.306	-0.900
9:	0.078	-0.842
10:	-0.525	-1.157



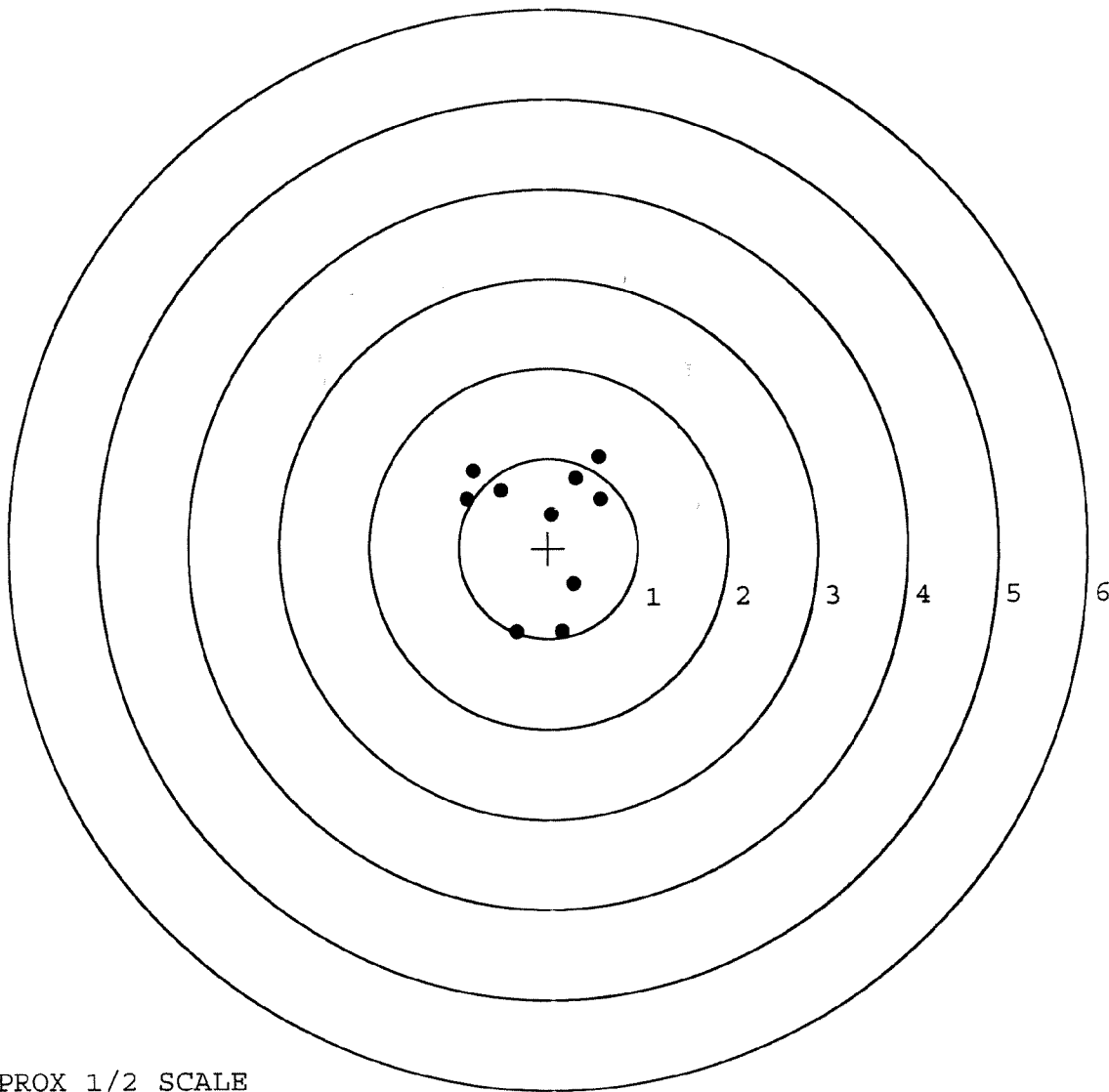
TARGET APPROX 1/2 SCALE

BARBER - M24 0039254

SERIAL NUMBER: C6348829. __0
 TARGET NUMBER: 2
 FILE DATE: 04/08/2008
 FILE TIME: 14:22

POINT#	X	Y
1:	0.579	1.016
2:	0.315	0.776
3:	0.592	0.540
4:	0.046	0.379
5:	-0.829	0.872
6:	-0.522	0.651
7:	-0.902	0.554
8:	0.284	-0.406
9:	0.151	-0.932
10:	-0.361	-0.932

X CENTROID: -0.065
 Y CENTROID: 0.252
 POA TO CENTROID: 0.260
 HORZ SPREAD: 1.494
 VERT SPREAD: 1.948
 GROUP SPREAD: 2.163
 MIN RADIUS: 0.169
 MAX RADIUS: 1.220
 MEAN RADIUS: 0.818
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0

TARGET NUMBER: 3

FILE DATE: 04/08/2008

FILE TIME: 14:22

X CENTROID: 0.029

Y CENTROID: 0.173

POA TO CENTROID: 0.176

HORZ SPREAD: 1.964

VERT SPREAD: 1.126

GROUP SPREAD: 2.133

MIN RADIUS: 0.324

MAX RADIUS: 1.100

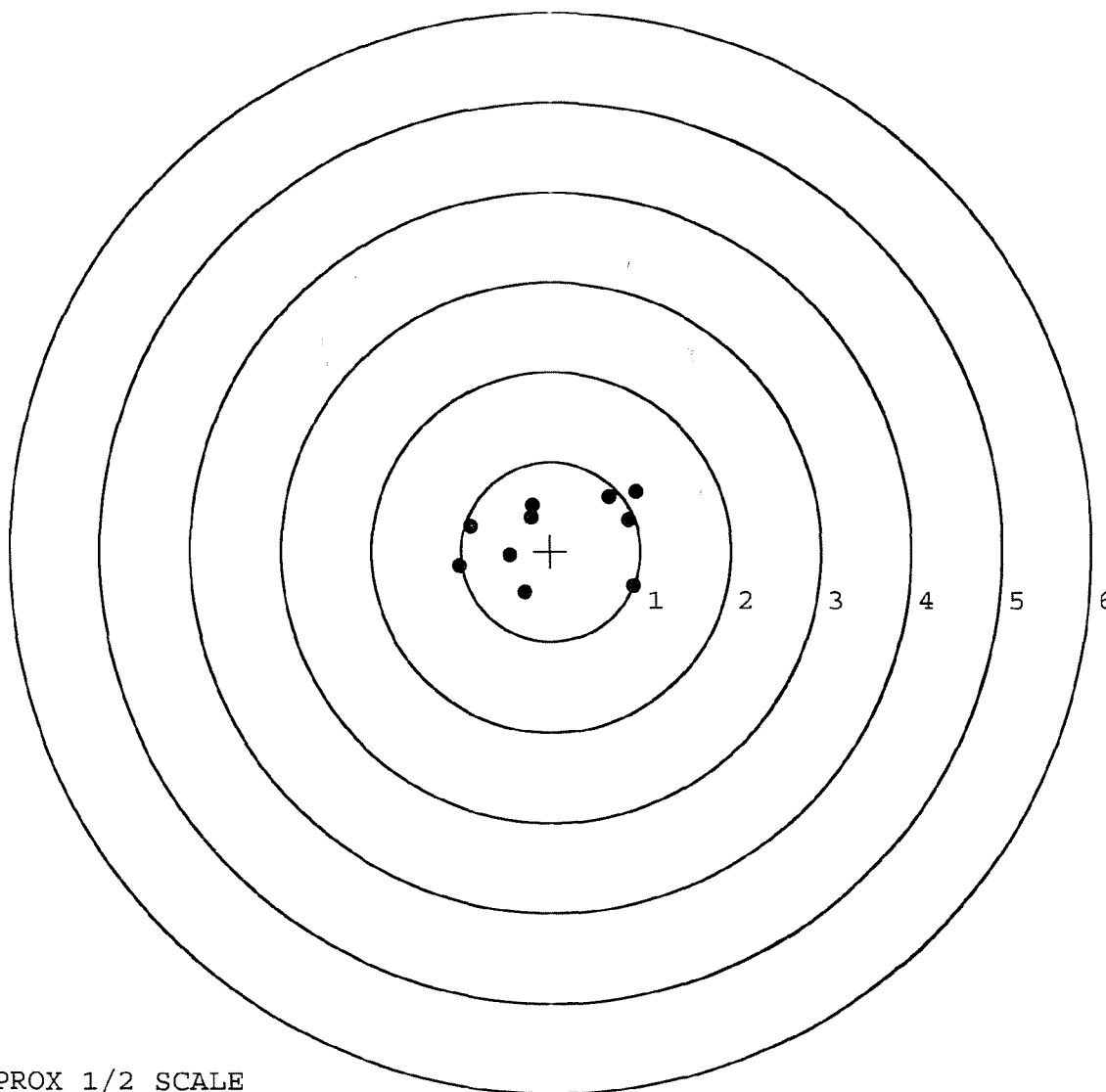
MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.652	0.610
2:	0.948	0.664
3:	0.863	0.353
4:	-0.209	0.509
5:	-0.455	-0.043
6:	-0.900	0.284
7:	-1.016	-0.169
8:	-0.288	-0.462
9:	-0.222	0.378
10:	0.920	-0.393



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0

TARGET NUMBER: 4

FILE DATE: 04/08/2008

FILE TIME: 14:22

POINT#	X	Y
1:	-0.214	1.191
2:	-0.124	0.305
3:	-0.396	0.417
4:	-0.765	-0.046
5:	-0.078	-0.288
6:	-0.119	-0.557
7:	-0.300	-0.678
8:	-0.563	-0.567
9:	1.010	0.023
10:	0.590	-0.653

X CENTROID: -0.096

Y CENTROID: -0.085

POA TO CENTROID: 0.128

HORZ SPREAD: 1.775

VERT SPREAD: 1.869

GROUP SPREAD: 2.012

MIN RADIUS: 0.203

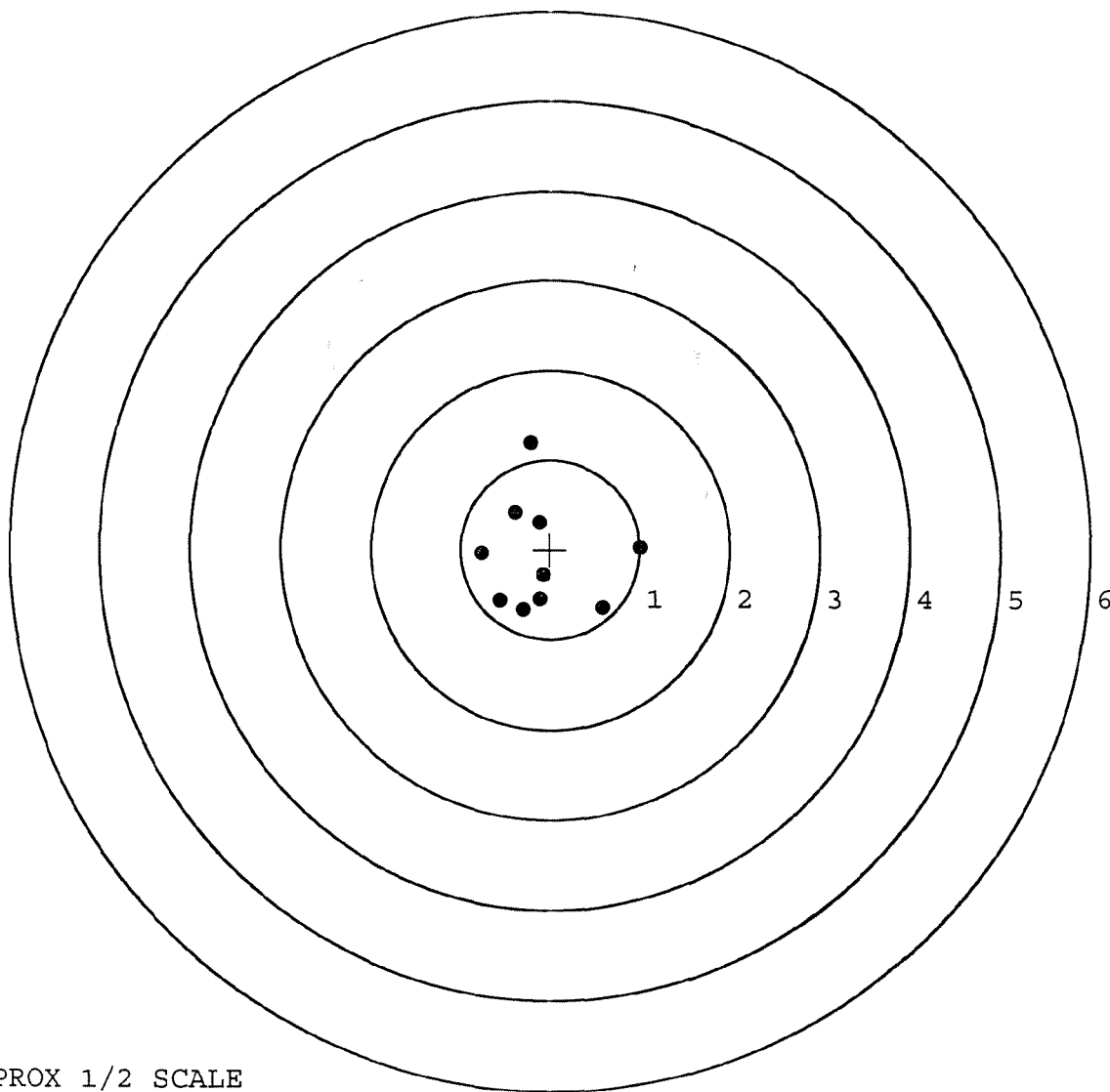
MAX RADIUS: 1.282

MEAN RADIUS: 0.690

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. 0

TARGET NUMBER: 5

FILE DATE: 04/08/2008

FILE TIME: 14:22

X CENTROID: -0.013

Y CENTROID: 0.319

POA TO CENTROID: 0.319

HORZ SPREAD: 2.252

VERT SPREAD: 1.887

GROUP SPREAD: 2.254

MIN RADIUS: 0.172

MAX RADIUS: 1.317

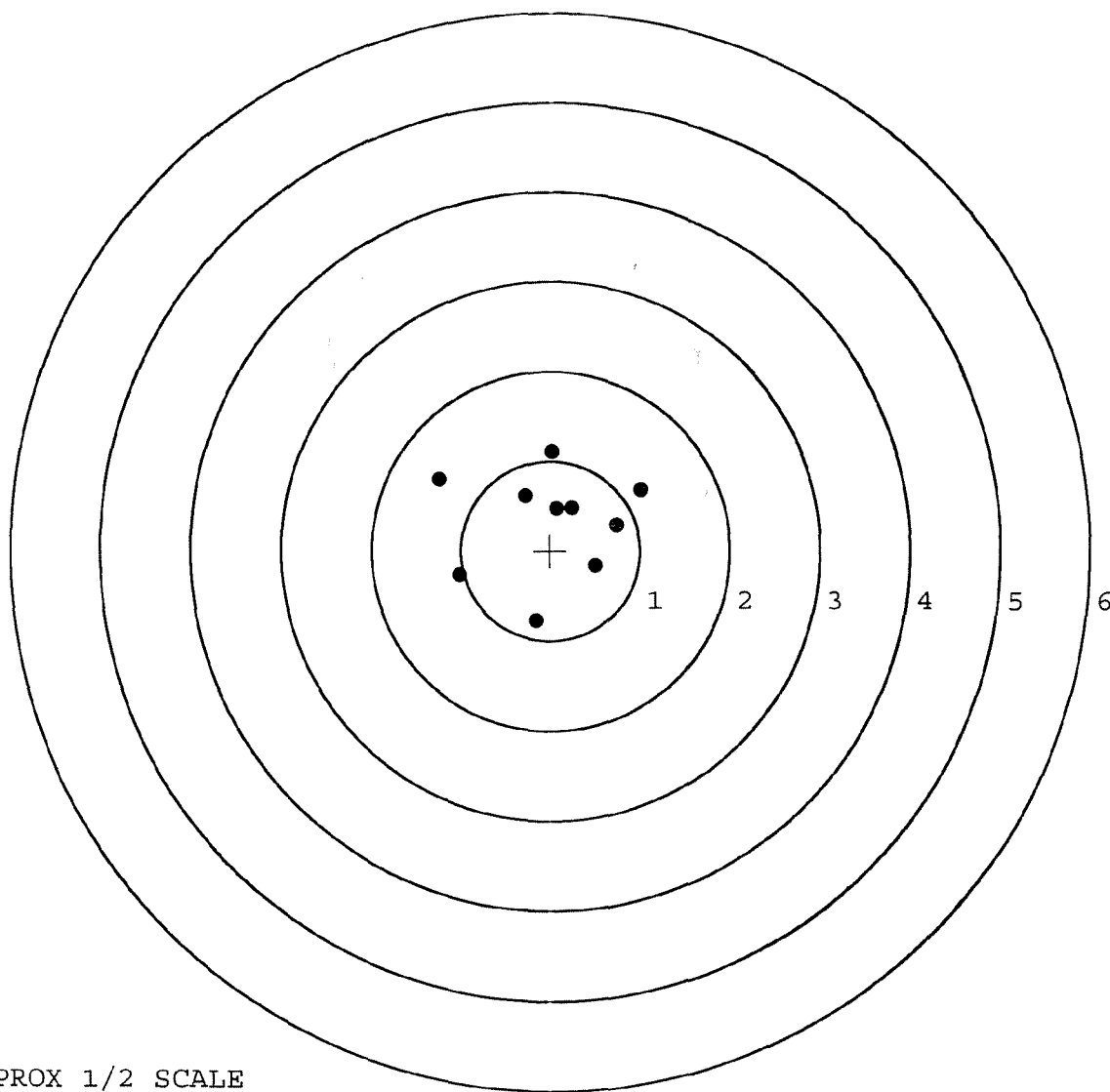
MEAN RADIUS: 0.779

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.008	0.685
2:	0.734	0.292
3:	0.501	-0.172
4:	0.240	0.477
5:	0.073	0.468
6:	-0.285	0.608
7:	0.017	1.102
8:	-1.244	0.787
9:	-1.015	-0.275
10:	-0.156	-0.785



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00142400	
SERIAL NUMBER		C 6348829	
LOG-IN DATE		3-3-08	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-11-08	SPJ
505	RE-BARREL	3-12-08	SPJ
560	ASSEMBLE	3-12-08	SPJ
600	PROOF	3-13-08	TRW
605	CHECK HEADSPACE	3-13-08	TRW
610	DIS-ASSEMBLE GUN	3-13-08	SPJ
612	MAGNAFLUX	3-14-08	mmg
510	DRILL AND TAP	3-13-08	Fm
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	JDG
620	APPLY COATINGS	3-14-08	HF
625	FINAL ASSEMBLY	4-1-08	KZ
640	FUNCTION TEST AND	PASS FAIL	4-8-08 SD
650	TARGET	PASS FAIL	4-8-08 SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-8-08 TRW
670	FINAL INSPECTION		4/8/08 Fm
	A) HEADSPACE	PASS FAIL	4/8/08 Fm
	B) TRIGGER PULL	2.35 2.22 2.19 2.10 2.13	4/8/08 Fm
	F) SAFETY ON FORCE	6 6 6	4/8/08 Fm
	G) SAFETY OFF FORCE	25 25 25	4/8/08 Fm
	I) FIRING PIN INDENT	.022 .022 .023	4/8/08 Fm
690	PACK		4/10/08 Fm

Repair Inquiry

Repair Number: **RE00081980**Serial: C6348829 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 6/16/2004 7:40:33 AM

Verify Repair

Address Information

Customer:

Received From:

Return To:

Received From:

Name: **B CO 3/TH SFG A****B CO 3/TH SFG A**

Address 1:

Address 2:

PO Box:

PO Box:

City: **FORT BRAGG****FORT BRAGG**State: **NC**Zip Code: **28310**Country: **US**State: **NC**Zip Code: **28310**Country: **US**

FPL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	2
A026	Scope	1
X001	Heavy duty LOCKS w/	2

Repair Search

Refresh

Close

neglet

6/16/2004

8:33 AM

CAPS

NUM

INS

SCPL

start

2

3

Arms Serv

3

2

1

1

Serial Number: **C6348829**Model: **M24 SWS****RE00081980**

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0039261

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 6-16-04

TESTER TRK

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.38		2.12	
PULL #2	2.52	2.42		2.05	
PULL #3	2.69	2.39		2.06	
PULL #4	2.74	2.41		2.32	
PULL #5	2.74	2.53		2.31	
TOTAL	13.18	12.13		10.86	
AVERAGE	2.63	2.42		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.19		
PULL #2	3.41	3.20		
PULL #3	3.19	3.08		
PULL #4	3.18	3.09		
PULL #5	3.31	3.05		
TOTAL	16.35	15.61		
AVERAGE	3.27	3.12		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.16	4.38		4.43
PULL #2	4.14	4.24		4.30
PULL #3	4.11	4.19		4.27
PULL #4	4.04	4.19		4.23
PULL #5	4.26	4.14		4.22
TOTAL	20.71	21.14		21.45
AVERAGE	4.14	4.22		4.29

R & E NUMBER	81980		
SERIAL NUMBER	C 634 8829		
LOG-IN DATE	6-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-16-04	RTL
560 A	RE-BARREL	6-17-04	RTL
B	DRILL AND TAP	6-18-04	TRW
575	ASSEMBLE	6-17-04	RTL
600	PROOF	6-17-04	RTL
605	CHECK HEADSPACE	6-17-04	RTL
610	DIS-ASSEMBLE GUN	6-17-04	RR
612	MAGNAFLUX RATOR		
615	ROLLMARK CALIBER	6-18-04	SB
618	ROTO-BLAST	6-21-04	SW
620	APPLY COATINGS	6-22	TA
625 A	FINAL ASSEMBLY	6-23-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT	6-23-04	AL
640	TARGET	6-23-04	RTL
655	FINAL INSPECT	6-24-04	RA
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348829.___0

FILE DATE AND TIME: 06/23/2004 07:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.099
The Average Y Centroid of the Five Target Set:	-0.026
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.622
The Distance from POA to Centroid Target #1:	0.132
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.115
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

SERIAL NUMBER: C6348829. __0

TARGET NUMBER: 1

FILE DATE: 06/23/2004

FILE TIME: 07:00

X CENTROID: -0.131

Y CENTROID: -0.018

POA TO CENTROID: 0.132

HORZ SPREAD: 1.444

VERT SPREAD: 1.794

GROUP SPREAD: 1.822

MIN RADIUS: 0.239

MAX RADIUS: 1.029

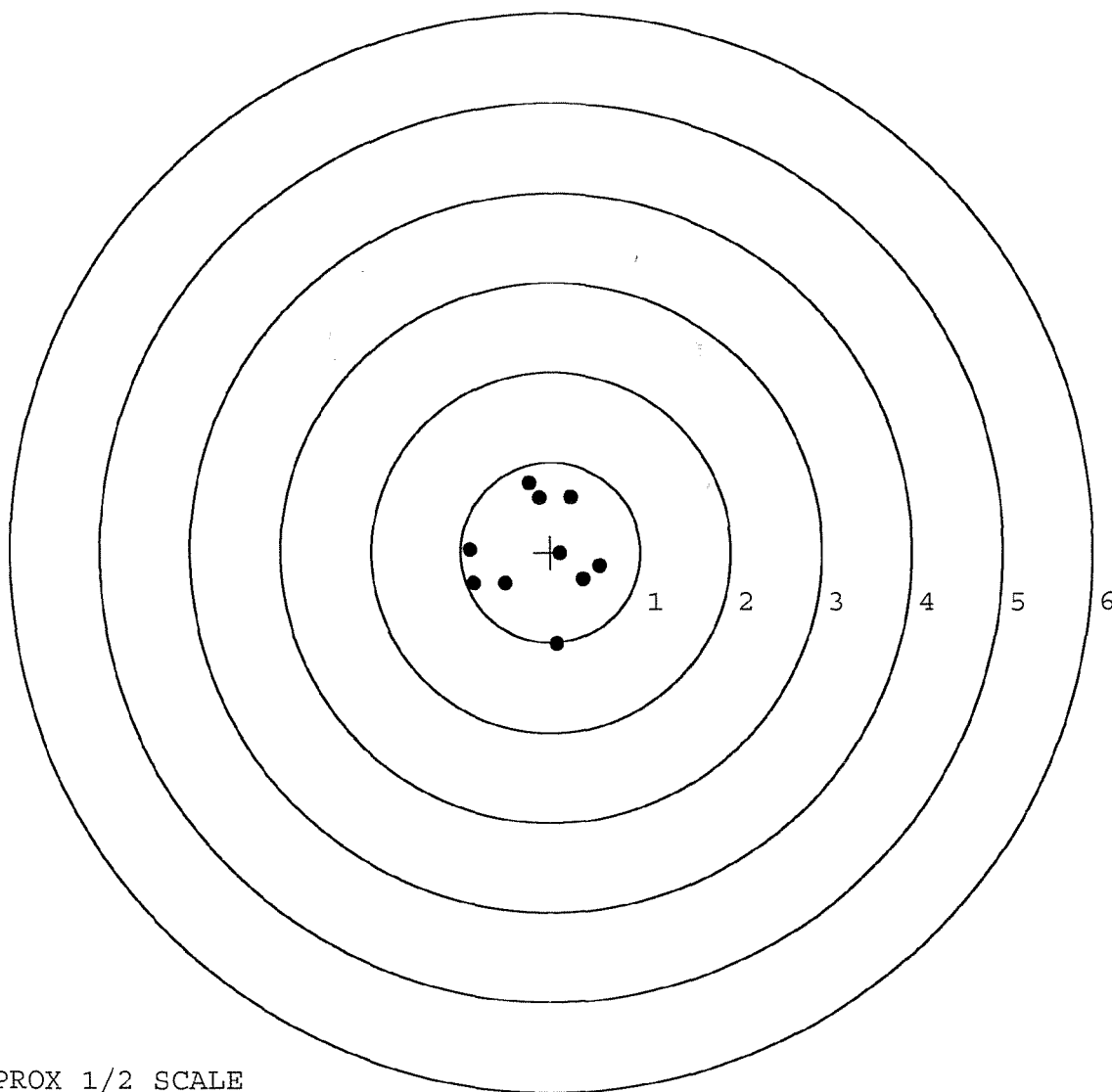
MEAN RADIUS: 0.673

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.241	0.768
2:	-0.130	0.603
3:	0.220	0.613
4:	0.108	-0.014
5:	0.549	-0.150
6:	0.363	-0.305
7:	0.078	-1.026
8:	-0.504	-0.352
9:	-0.859	-0.348
10:	-0.895	0.030



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0

TARGET NUMBER: 2

FILE DATE: 06/23/2004

FILE TIME: 07:00

POINT#	X	Y
1:	0.569	0.317
2:	0.236	0.287
3:	-0.240	0.707
4:	-0.075	0.446
5:	-0.434	0.540
6:	-0.631	0.039
7:	-0.141	-0.113
8:	0.146	-0.616
9:	0.721	-1.296
10:	-0.521	0.361

X CENTROID: -0.037

Y CENTROID: 0.067

POA TO CENTROID: 0.077

HORZ SPREAD: 1.352

VERT SPREAD: 2.003

GROUP SPREAD: 2.222

MIN RADIUS: 0.208

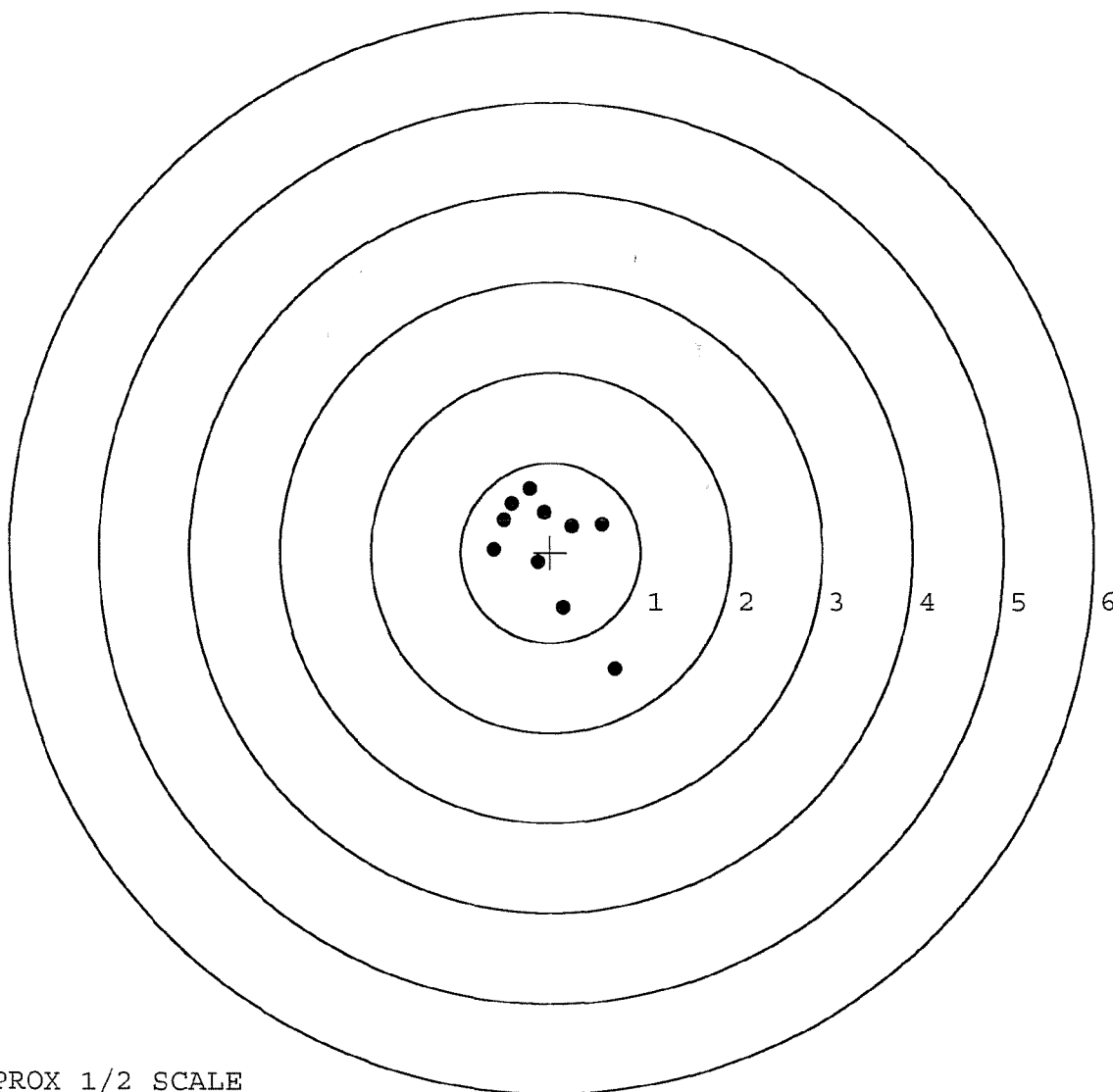
MAX RADIUS: 1.560

MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

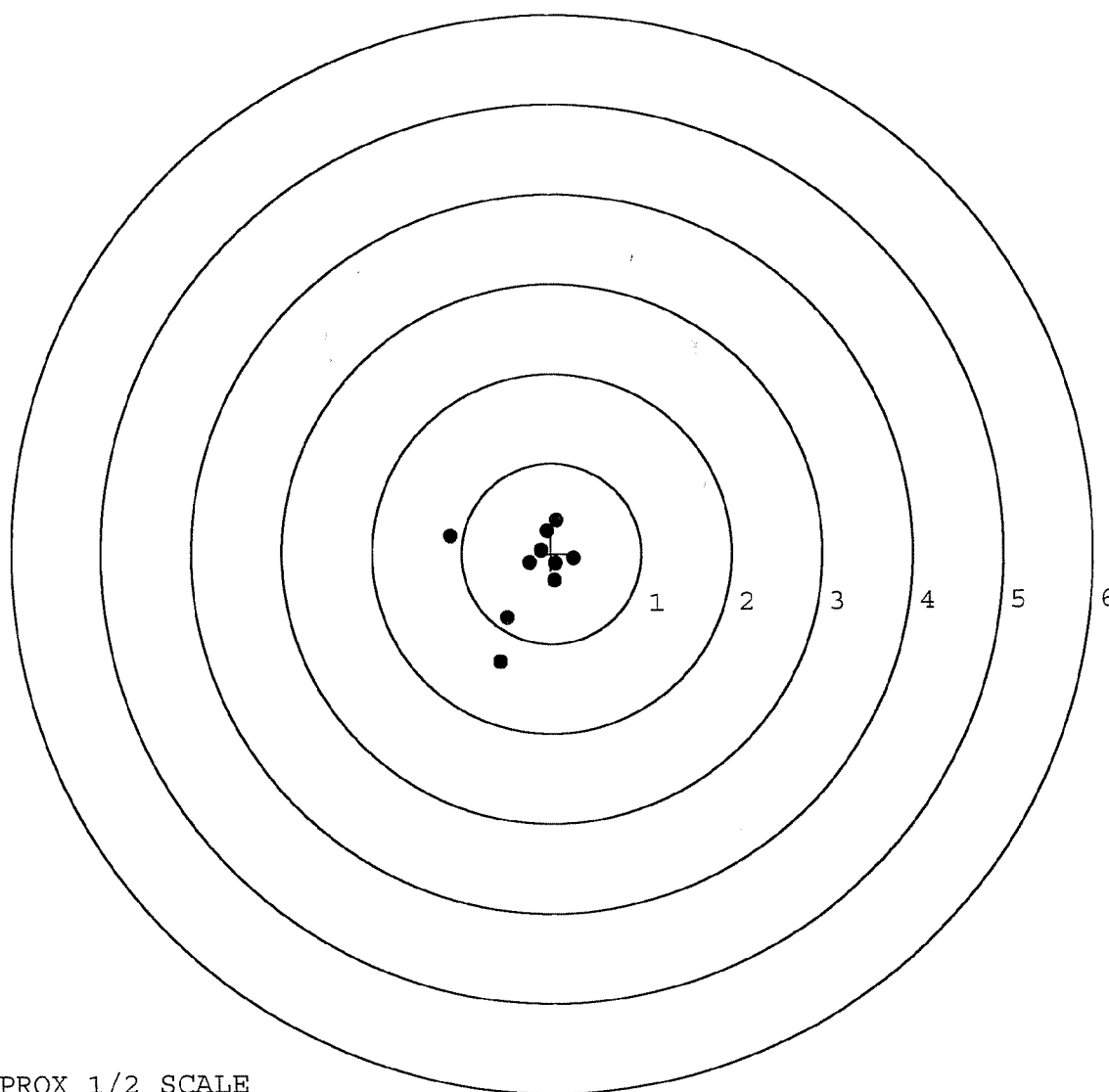


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
 TARGET NUMBER: 3
 FILE DATE: 06/23/2004
 FILE TIME: 07:00

POINT#	X	Y
1:	-1.125	0.202
2:	-0.496	-0.707
3:	-0.575	-1.204
4:	0.063	0.370
5:	-0.053	0.252
6:	-0.241	-0.106
7:	0.036	-0.305
8:	0.250	-0.057
9:	-0.118	0.038
10:	0.049	-0.112

X CENTROID: -0.221
 Y CENTROID: -0.163
 POA TO CENTROID: 0.275
 HORZ SPREAD: 1.375
 VERT SPREAD: 1.574
 GROUP SPREAD: 1.698
 MIN RADIUS: 0.060
 MAX RADIUS: 1.100
 MEAN RADIUS: 0.507
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

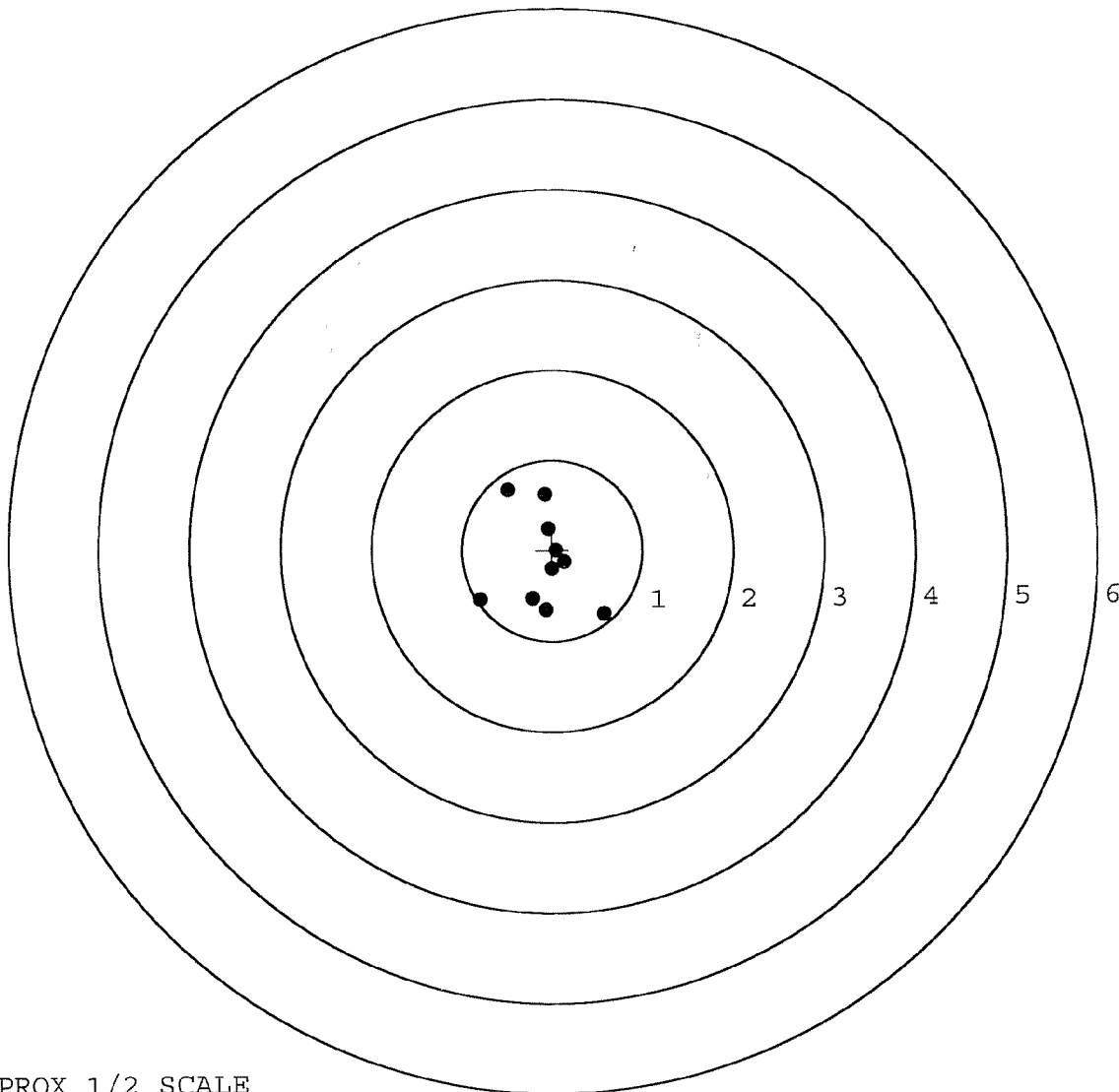


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
 TARGET NUMBER: 4
 FILE DATE: 06/23/2004
 FILE TIME: 07:00

POINT#	X	Y
1:	0.567	-0.709
2:	-0.078	-0.666
3:	-0.801	-0.545
4:	-0.483	0.667
5:	-0.079	0.620
6:	-0.041	0.238
7:	0.140	-0.135
8:	-0.011	-0.207
9:	0.043	-0.010
10:	-0.222	-0.534

X CENTROID: -0.097
 Y CENTROID: -0.128
 POA TO CENTROID: 0.160
 HORZ SPREAD: 1.368
 VERT SPREAD: 1.376
 GROUP SPREAD: 1.731
 MIN RADIUS: 0.116
 MAX RADIUS: 0.884
 MEAN RADIUS: 0.520
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. 0

TARGET NUMBER: 5

FILE DATE: 06/23/2004

FILE TIME: 07:00

X CENTROID: -0.009

Y CENTROID: 0.112

POA TO CENTROID: 0.113

HORZ SPREAD: 1.593

VERT SPREAD: 2.105

GROUP SPREAD: 2.473

MIN RADIUS: 0.128

MAX RADIUS: 1.247

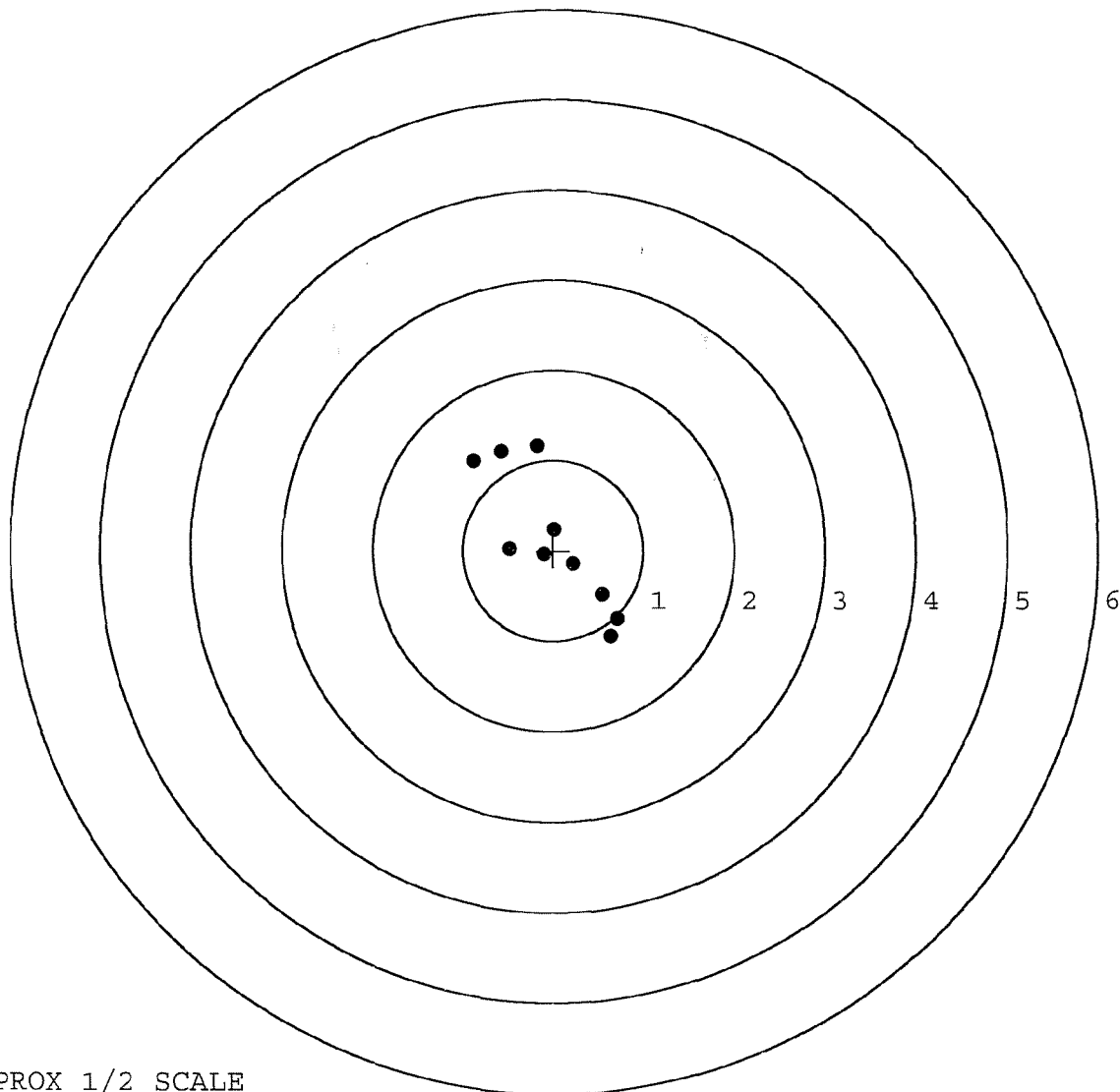
MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.886	0.993
2:	-0.575	1.097
3:	-0.179	1.155
4:	-0.486	0.025
5:	0.016	0.238
6:	-0.101	-0.046
7:	0.222	-0.149
8:	0.545	-0.484
9:	0.644	-0.950
10:	0.707	-0.756



TARGET APPROX 1/2 SCALE

Remington®

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

DU PONT

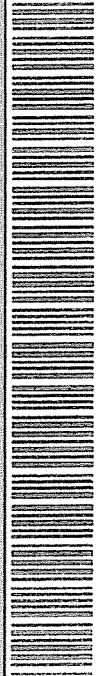
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6348829

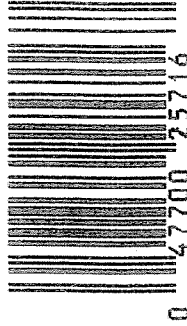
ORDER NO.
5716

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



5716 C6348829

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348829

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 21 89	RW
600	Proof		7 21 89	RW
607	Check Headspace		7 21 89	RW
610	Dis-assemble Gun		7 21 89	RW
612	Magnaflux Barrel Action		7/23	KCR
	Magnaflux Bolt		7/23	KCR
615	Rollmark Caliber		7/23	CS.
7	Drill and Tap Sight Holes		7/27/89	W.C.
618	Polish Barrel <i>Rob</i>		7/31/89	W.B.
620	Apply Coatings (Barrel Action)		7/27/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/2/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	JS

op. #	BARBER - M24 0039271 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			10 Aug 89	JS
	G) Safety Off Force	3	3	3			10 Aug 89	JS
	H) Trigger Pull Test & Retainability						10 Aug 89	JS
	I) Firing Pin Indent	.021	.021	.021			10 Aug 89	JS
	J) Assemble Stock						8/14/89	RW
	K) Assemble Swivel Studs						18 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/14/89	RW
	M) Iron Sight Alignment						8/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/14/89	RW
	O) Attach Scope to Rifle						8/14/89	JS
	P) Detach & Attach Scope 20 Times						8/14/89	JS
640	Gallery Target & Test	94 R	56 L				8-17-89	AC
	A) Time						8-17-89	AC
	B) Malfunctions						8-17-89	AC
	C) Pierced Primers						8-17-89	AC
	D) Optical Clarity of Scope						8-17-89	AC
645	Inspect for Live Ammo						8-17-89	AC
655	Final Inspection							
	A) Headspace						18 Aug 89	JS
	B) Trigger Pull	205	215	232	229	224	18 Aug 89	JS
	C) Function						18 Aug 89	JS
660	Pack						19 Sep 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348029DATE 7-9-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.39	2.38	MIN. SETTING,
PULL #2	2.35	2.39	2.35	NO AVG. OF 5
PULL #3	2.39	2.42	2.33	READINGS ACCEPT-
PULL #4	2.40	2.38	2.22	ABLE LESS THAN 2#
PULL #5	2.39	2.39	2.39	
TOTAL	11.87	11.97	11.77	
AVG.	2.374	2.394	2.354	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.28	
PULL #2	3.32	3.38	
PULL #3	3.31	3.35	
PULL #4	3.32	3.34	
PULL #5	3.32	3.34	
TOTAL	16.55	16.69	
AVG.	3.31	3.338	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.30		4.39
PULL #2	4.22	4.39		4.35
PULL #3	4.36	4.38		4.35
PULL #4	4.35	4.41		4.39
PULL #5	4.36	4.40		4.35
TOTAL	21.69	21.88		21.83
AVG.	4.338	4.376		4.366

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348829
18 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.534986
1 TO	2	.737011
1 TO	3	.629325
1 TO	4	.691495
1 TO	5	.231562

+ $\frac{E}{DE}$ ----- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .679
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .693364
THE AMR FOR THIS RIFLE IS: .8948

18 Aug 1989

FILE://PATTERNING/CENTERFIRE_PATT/C834B829

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.629

VS = 3.008

GS = 3.032

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.138	1.110	.921
MINIMUM X	-1.491	-1.519	-.402
MAXIMUM Y	1.366	1.184	1.077
MINIMUM Y	-1.642	-.857	-.958
CENTROID X	.467	.495	.684
CENTROID Y	.261	.443	.550
POR TO CENTROID in.	.535	.664	.878
MIN RADIUS	.280	.128	.280
MEAN RADIUS	.919	.805	.673
MAX RADIUS	1.660	1.744	1.080
HORIZONTAL SPREAD	2.629	2.629	1.323
VERTICAL SPREAD	3.008	2.041	2.035
EXTREME SPREAD	3.032	2.921	2.060
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348823

CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.058

VS = 2.110

GS = 2.111

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.444

.483

.538

MINIMUM X

-.614

-.575

-.520

MAXIMUM Y

1.179

.572

.472

MINIMUM Y

-.931

-.800

-.636

CENTROID X

.906

.867

.812

CENTROID Y

-.331

-.462

-.362

POR TO CENTROID in.

.965

.983

.889

MIN RADIUS

.226

.216

.131

MEAN RADIUS

.605

.534

.458

MAX RADIUS

1.231

.914

.645

HORIZONTAL SPREAD

1.058

1.058

1.058

VERTICAL SPREAD

2.110

1.372

1.108

EXTREME SPREAD

2.111

1.443

1.162

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

10

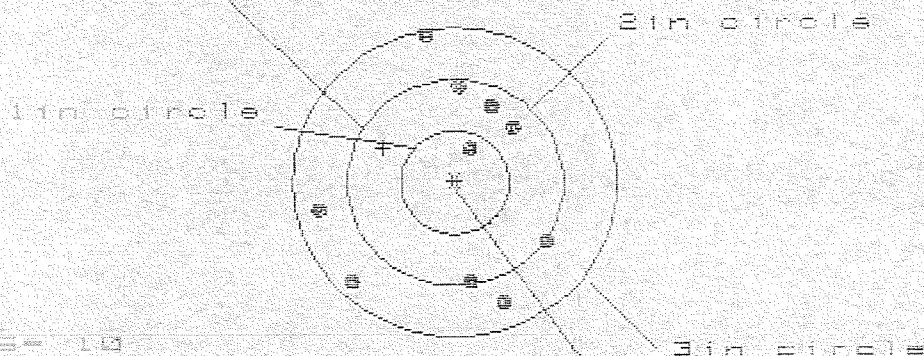
16 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/08348829

CENTERFIRE PATTERNS

3

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.141

VS= 2.575

GS= 2.676

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.870	.843	.715
MINIMUM X	-1.271	-1.298	-1.426
MAXIMUM Y	1.436	1.128	1.023
MINIMUM Y	-1.139	-.980	-1.085
CENTROID X	.660	.687	.815
CENTROID Y	-.338	-.497	-.392
POB TO CENTROID in.	.741	.848	.904
MIN RADIUS	.328	.478	.371
MEAN RADIUS	1.029	.986	.910
MAX RADIUS	1.456	1.328	1.446
HORIZONTAL SPREAD	2.141	2.141	2.141
VERTICAL SPREAD	2.575	2.108	2.108
EXTREME SPREAD	2.676	2.225	2.159
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06948829

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.480

VS= 1.510

GS= 2.843

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.035

.874

.699

MINIMUM X

-1.445

-.761

-.652

MAXIMUM Y

.862

.790

.874

MINIMUM Y

-.648

-.677

-.593

CENTROID X

.809

.970

.861

CENTROID Y

-.340

-.268

-.352

POA TO CENTROID in.

.878

1.006

.930

MIN RADIUS

.355

.402

.352

MEAN RADIUS

.757

.667

.589

MAX RADIUS

1.584

1.102

.945

HORIZONTAL SPREAD

2.480

1.635

1.351

VERTICAL SPREAD

1.510

1.467

1.467

EXTREME SPREAD

2.843

1.790

1.566

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9

18 Aug 1989

FILE: \PATTERNING\CENTERFIRE_PATT\CG34B823

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS = 3.233

VS = 2.506

GS = 3.248

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.279
MINIMUM X	-1.954
MAXIMUM Y	1.318
MINIMUM Y	-1.188
CENTROID X	.553
CENTROID Y	.046
POR TO CENTROID in.	.555
MIN RADIUS	.469
MEAN RADIUS	1.164
MAX RADIUS	1.976
HORIZONTAL SPREAD	3.233
VERTICAL SPREAD	2.506
EXTREME SPREAD	3.248
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	8

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348829
19 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.468876
1 TO	2	.117801
1 TO	3	.766703
1 TO	4	.244463
1 TO	5	.552327

²⁴ 3 <----POA

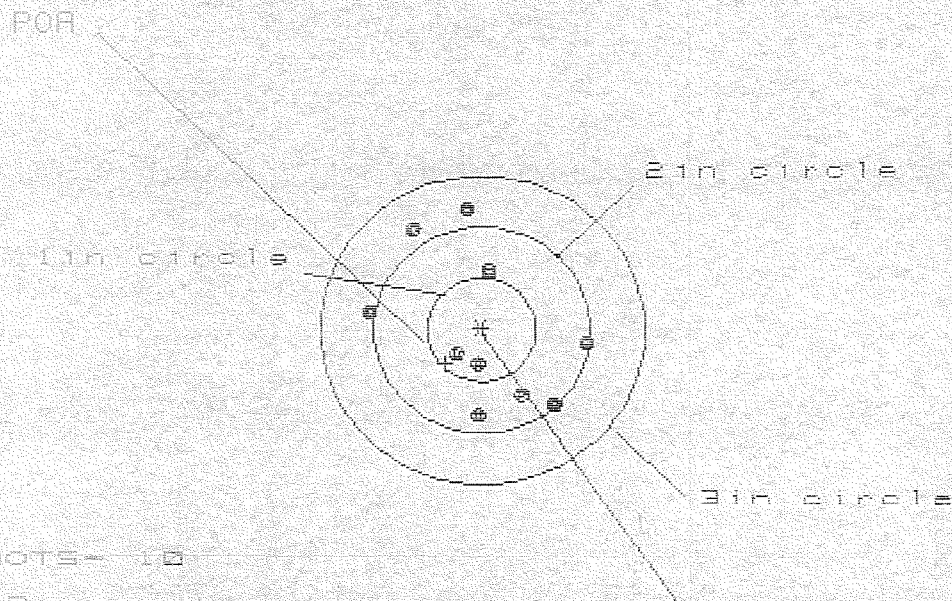
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3882
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .411004
THE AMP FOR THIS RIFLE IS: .9084

INTERCHANGEABILITY

19 Sep 1999

FILE: /PATTERNING/CENTERFIRE_PATT/06348829.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.025

VS= 2.038

GS= 2.186

CENTROID *

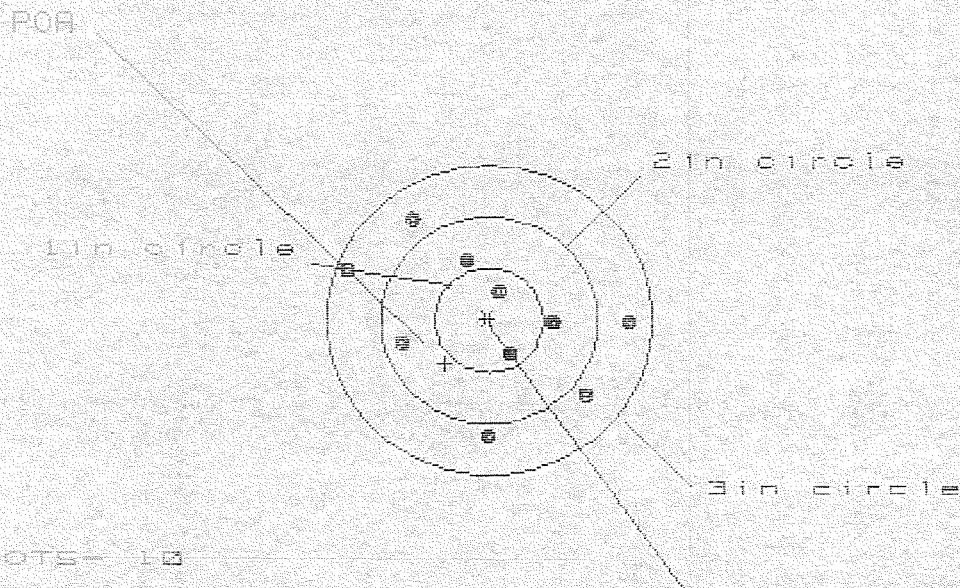
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.960	.946	.869
MINIMUM X	-1.065	-1.079	-1.155
MAXIMUM Y	1.198	1.154	.874
MINIMUM Y	-.840	-.707	-.562
CENTROID X	.337	.351	.428
CENTROID Y	.326	.193	.048
POR TO CENTROID in.	.469	.400	.431
MIN RADIUS	.320	.203	.141
MEAN RADIUS	.830	.755	.653
MAX RADIUS	1.205	1.309	1.230
HORIZONTAL SPREAD	2.025	2.025	2.025
VERTICAL SPREAD	2.038	1.861	1.436
EXTREME SPREAD	2.186	2.186	2.041
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

19 Sep 1989

FILE://PATTERNING/CENTERFIRE_PATT/C634B829.1

CENTERFIRE PATTERNS # 2



* OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.569

VS= 2.100

GS= 2.612

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	1.153	.870
MINIMUM X	:	-1.275	-.981	-.837
MAXIMUM Y	:	.934	.989	.998
MINIMUM Y	:	-1.166	-1.111	-1.102
CENTROID X	:	.408	.549	.405
CENTROID Y	:	.420	.365	.356
POA TO CENTROID in.	:	.585	.660	.539
MIN RADIUS	:	.327	.256	.328
MEAN RADIUS	:	.889	.819	.781
MAX RADIUS	:	1.367	1.281	1.202
HORIZONTAL SPREAD	:	2.569	2.134	1.707
VERTICAL SPREAD	:	2.100	2.100	2.100
EXTREME SPREAD	:	2.612	2.224	2.224
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	10		

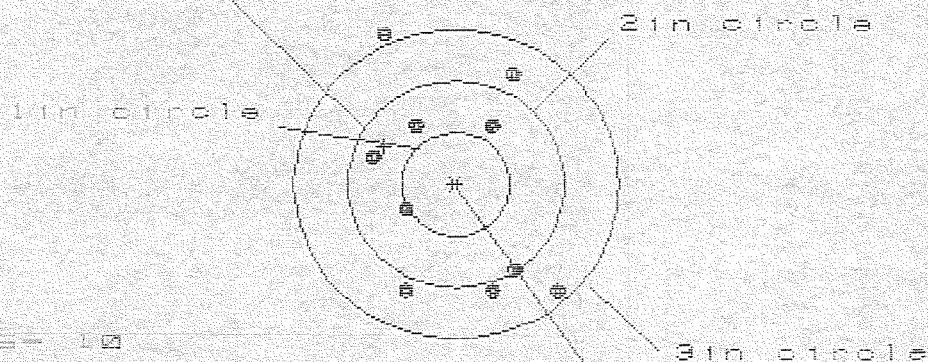
INTERCHANGEABILITY

19 Sep 1989

FILE: PATTERNING/CENTERFIRE_PATT/0634B823.1

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.682

VS= 2.504

GS= 2.971

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.883	.573
MINIMUM X	:	-.727	-.799	-.689
MAXIMUM Y	:	1.491	1.262	1.157
MINIMUM Y	:	-1.013	-.848	-.953
CENTROID X	:	.665	.737	.627
CENTROID Y	:	-.367	-.532	-.427
POA TO CENTROID in.	:	.759	.909	.758
MIN RADIUS	:	.516	.551	.460
MEAN RADIUS	:	1.008	.935	.879
MAX RADIUS	:	1.627	1.345	1.291
HORIZONTAL SPREAD	:	1.682	1.682	1.262
VERTICAL SPREAD	:	2.504	2.110	2.110
EXTREME SPREAD	:	2.971	2.327	2.327
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

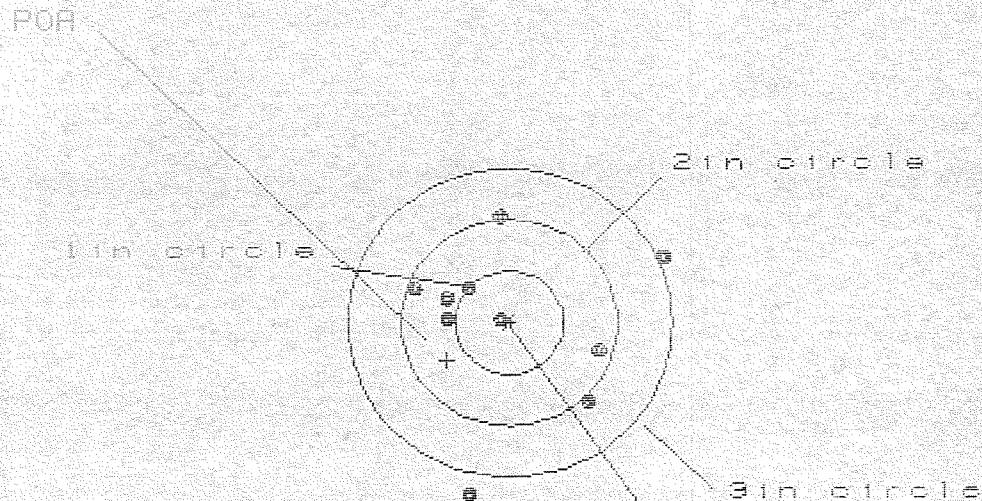
INTERCHANGEABILITY

19-Sep-1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348829.1

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.254

VS = 2.711

GS = 2.889

CENTROID +

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.484	1.365	.904
MINIMUM X	-.860	-.899	-.729
MAXIMUM Y	1.070	.887	.946
MINIMUM Y	-1.641	-.935	-.876
CENTROID X	.578	.617	.447
CENTROID Y	.367	.550	.491
POA TO CENTROID in.	.685	.826	.664
MIN RADIUS	.029	.200	.165
MEAN RADIUS	.876	.789	.657
MAX RADIUS	1.679	1.443	1.189
HORIZONTAL SPREAD	2.264	2.264	1.533
VERTICAL SPREAD	2.711	1.822	1.822
EXTREME SPREAD	2.889	2.290	1.979
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

INTERCHANGEABILITY

19 Sep 1989

FILE: /PATTERNING/CENTERFIRE_PATT/06348829.1

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 3.054

VS = 1.807

GS = 3.134

CENTROID *

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.936	1.001	.888
MINIMUM X	-1.118	-.903	-.747
MAXIMUM Y	.866	.950	1.020
MINIMUM Y	-.941	-.857	-.787
CENTROID X	-.047	-.262	-.149
CENTROID Y	-.071	-.155	-.225
POA TO CENTROID in.	.085	.305	.270
MIN RADIUS	.430	.345	.388
MEAN RADIUS	.939	.766	.736
MAX RADIUS	2.080	1.235	1.106
HORIZONTAL SPREAD	3.054	1.904	1.635
VERTICAL SPREAD	1.807	1.807	1.807
EXTREME SPREAD	3.134	2.280	1.994
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00014573** Serial: **C6348829** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 9/27/00 3:10:59 PM**

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **HSC 3RD BN 3RD SFG (A)** **HSC 3RD BN 3RD SFG (A)**

Address 1: **BLDG J 2050** **BLDG J 2050**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

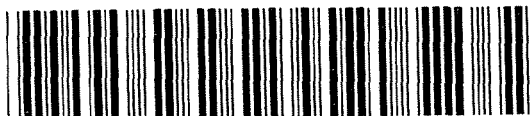
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information Phone: Fax: Email: Comments:	Received Condition Post: 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>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A025</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A010	Hard Case	1	A016	Scope Mounts	1	A017	Scope Base	1	A025	Scope	1		
Code	Desc	Qty																				
A007	With Stud	1																				
A010	Hard Case	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A025	Scope	1																				

Repair Search **Refresh** **Close**

maglet 9/28/00 7:27 AM CAPS NUM JRS SCPL

Start Inb Na Ex Mi Pa Ar Om PL 7:27 AM

Serial Number: **C6348829**Model: **700****RE00014573***BBL-96003*

Final Inspection

S.N. C6348829 DATE REC'D: 9-26-00 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

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:

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

[illegible]

BARBER - M24 0039288

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348829
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0008
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101603

THE AMR FOR THIS RIFLE IS: 1.277

CENTROIDAL DISTANCES

0	TO	1	.402592
1	TO	2	.5414
1	TO	3	.631276
1	TO	4	.34722
1	TO	5	.302333

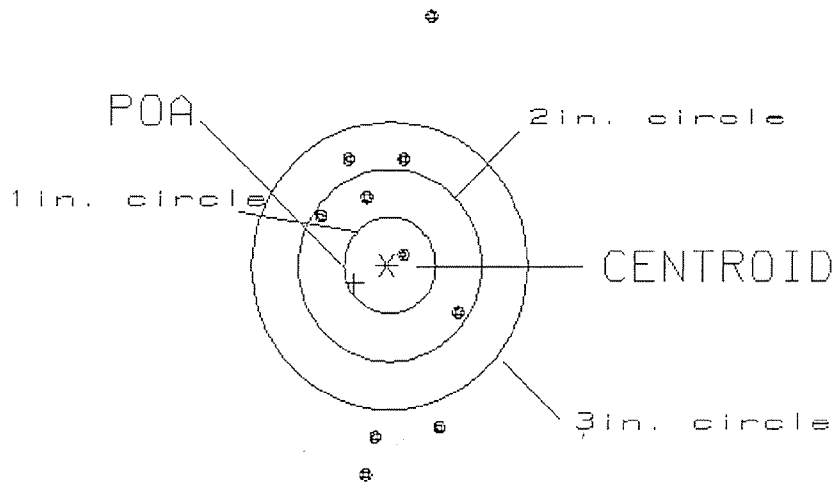
5 1
2+ 4 <----POA
3

PATTERN #: 1
 POA TO CENTROID: .402
 MIN RADIUS : .177
 MEAN RADIUS : 1.360
 MAX RADIUS : 2.683
 CENTROID X : .356
 CENTROID Y : .188

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340829

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.53
 VS= 4.88
 GS= 4.92

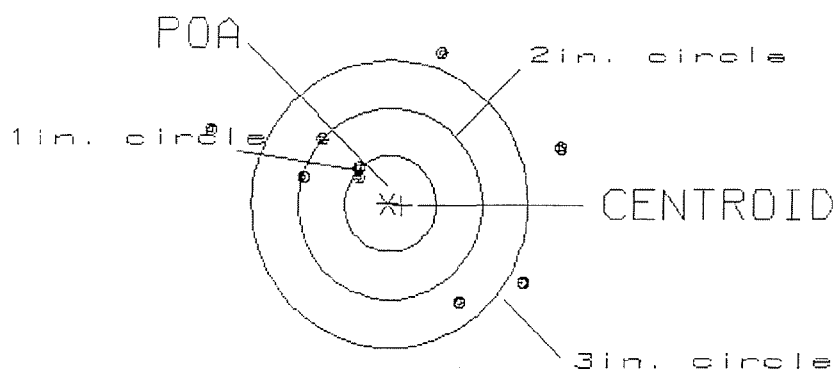
1
 4
 5

PATTERN #: 2
 POA TO CENTROID: .160
 MIN RADIUS : .439
 MEAN RADIUS : 1.417
 MAX RADIUS : 2.717
 CENTROID X : -.159
 CENTROID Y : .021

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.79
 VS= 4.20
 GS= 4.34

1
 4
 5

REMINGTON CENTERFIRE ACCURACY TEST

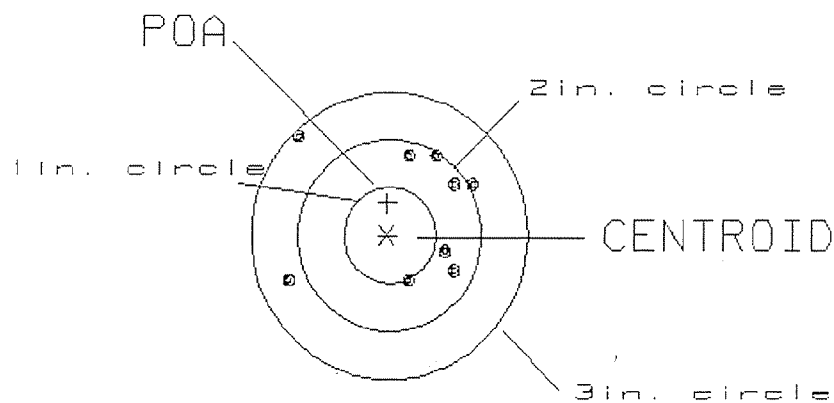
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 030
 POA TO CENTROID: .334
 MIN RADIUS : .492
 MEAN RADIUS : 1.134
 MAX RADIUS : 2.937
 CENTROID X : .001
 CENTROID Y : -.334

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5348829

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.54

1

VS= 3.51

6

GS= 3.95

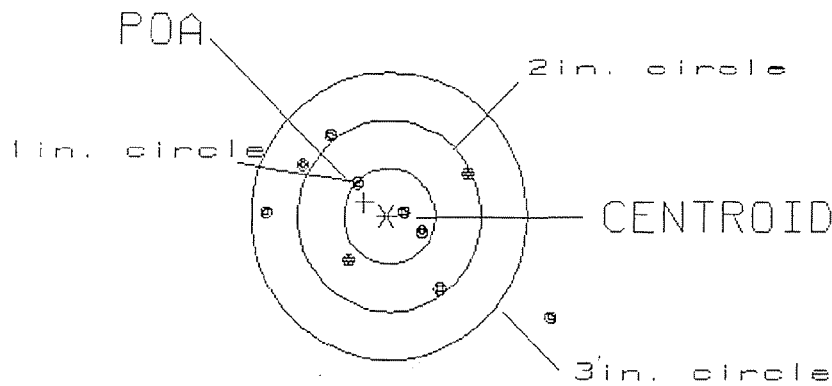
9

PATTERN #: 4
 POA TO CENTROID: .283
 MIN RADIUS : .206
 MEAN RADIUS : .932
 MAX RADIUS : 2.019
 CENTROID X : .245
 CENTROID Y : -.141

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.07
 VS= 1.90
 GS= 3.25

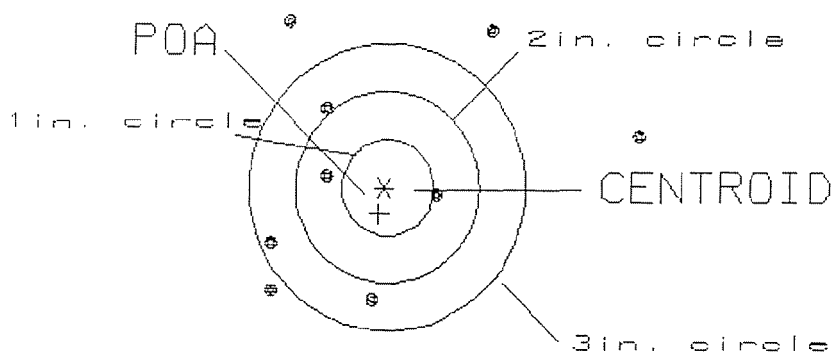
2
 5
 9

PATTERN #: 5
 POA TO CENTROID: .277
 MIN RADIUS : .585
 MEAN RADIUS : 1.540
 MAX RADIUS : 2.787
 CENTROID X : .065
 CENTROID Y : .270

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.05
 VS= 3.67
 GS= 4.28

0
 2
 5