

C6611721

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00127463

Serial: C6611721 Model M24 SWS Center Fire
Caliber: 308 WIN

Repairman:

Verify Repair

Status:

Closed 3/30/2007 10:28:40 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CO C 1ST / 20TH S.F.G.

CO C 1ST / 20TH S.F.G.

Address 1: MASSACHUSETTS ARMY NATIONAL GUARD

MASSACHUSETTS ARMY NATIONAL GUARD

Address 2: 1505 ROOSEVELT AVENUE

PO Box:

1505 ROOSEVELT AVENUE

PO Box:

City: SPRINGFIELD

SPRINGFIELD

State: MA

Zip Code: 01109-2438

Country: US

State: MA

Zip Code: 01109-2438

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

3/30/2007

11:13 AM

EAPS

NUM

INS

SCRL

Serial Number: C6611721

Model: M24 SWS



RE00127463

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611721.___0
FILE DATE AND TIME: 05/08/2007 12:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	-0.108
The Average Point of Impact of the Five Target Set:	0.125
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.245
The Distance from Centroid Target #2 to Centroid Target #1:	0.343
The Distance from Centroid Target #3 to Centroid Target #1:	0.183
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.044

BARBER - M24 0034795

SERIAL NUMBER: C6611721. __ 0

TARGET NUMBER: 1

FILE DATE: 05/08/2007

FILE TIME: 12:47

POINT#	X	Y
1:	0.227	-1.250
2:	0.199	-0.837
3:	0.647	-0.359
4:	-0.359	-0.927
5:	-0.903	-0.757
6:	0.264	0.777
7:	-0.704	0.430
8:	-0.478	0.037
9:	0.424	0.176
10:	0.293	0.292

X CENTROID: -0.039

Y CENTROID: -0.242

POA TO CENTROID: 0.245

HORZ SPREAD: 1.550

VERT SPREAD: 2.027

GROUP SPREAD: 2.027

MIN RADIUS: 0.520

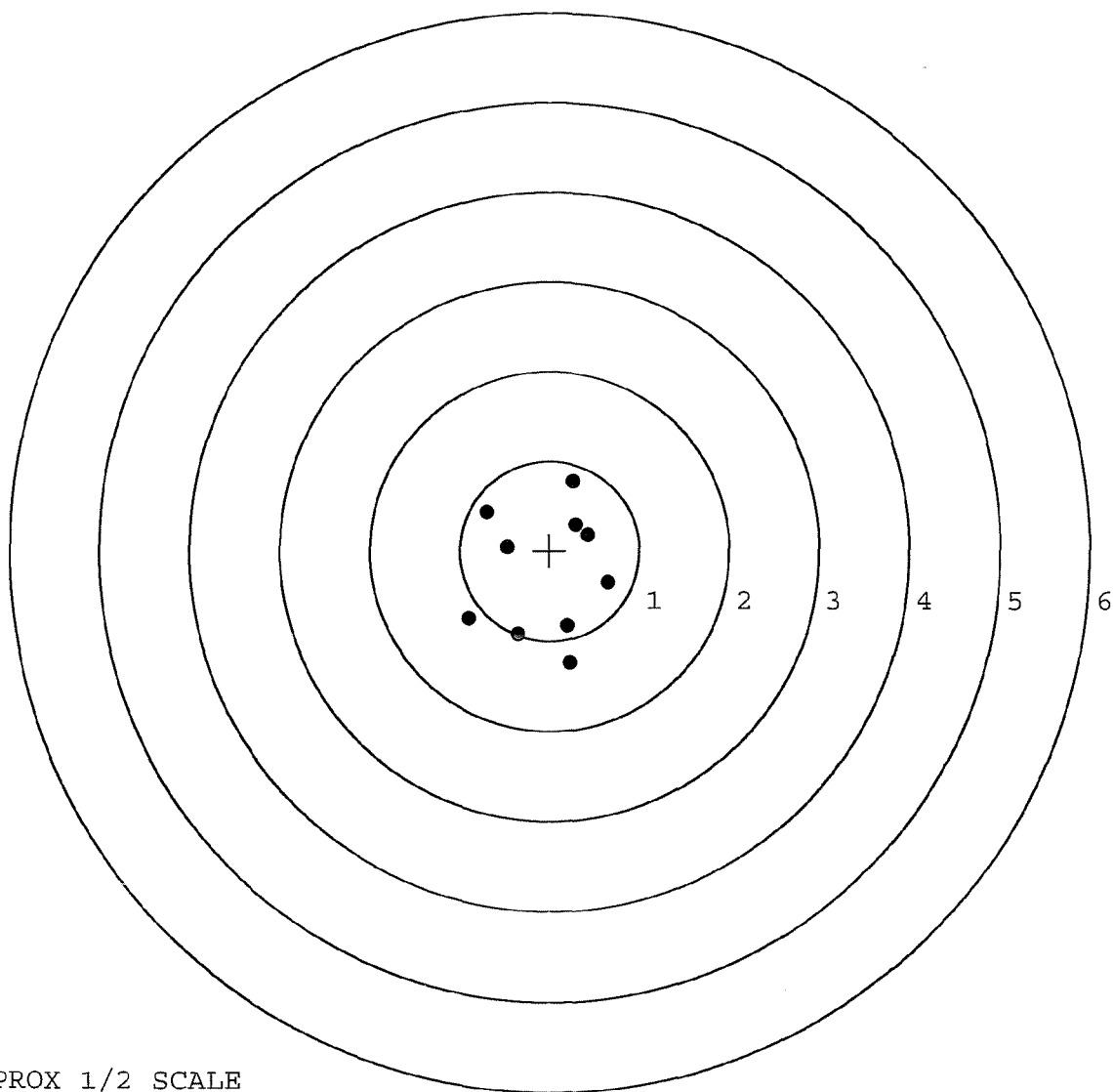
MAX RADIUS: 1.063

MEAN RADIUS: 0.792

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034796

SERIAL NUMBER: C6611721. __ 0

TARGET NUMBER: 2

FILE DATE: 05/08/2007

FILE TIME: 12:47

POINT#	X	Y
--------	---	---

1:	1.356	-0.087
----	-------	--------

2:	0.938	-0.122
----	-------	--------

3:	0.678	-0.160
----	-------	--------

4:	-0.205	-0.631
----	--------	--------

5:	-1.123	-0.413
----	--------	--------

6:	-0.342	-0.222
----	--------	--------

7:	0.142	0.887
----	-------	-------

8:	-0.699	0.550
----	--------	-------

9:	-0.767	1.152
----	--------	-------

10:	-0.673	0.040
-----	--------	-------

X CENTROID: -0.069

Y CENTROID: 0.099

POA TO CENTROID: 0.121

HORZ SPREAD: 2.479

VERT SPREAD: 1.783

GROUP SPREAD: 2.500

MIN RADIUS: 0.421

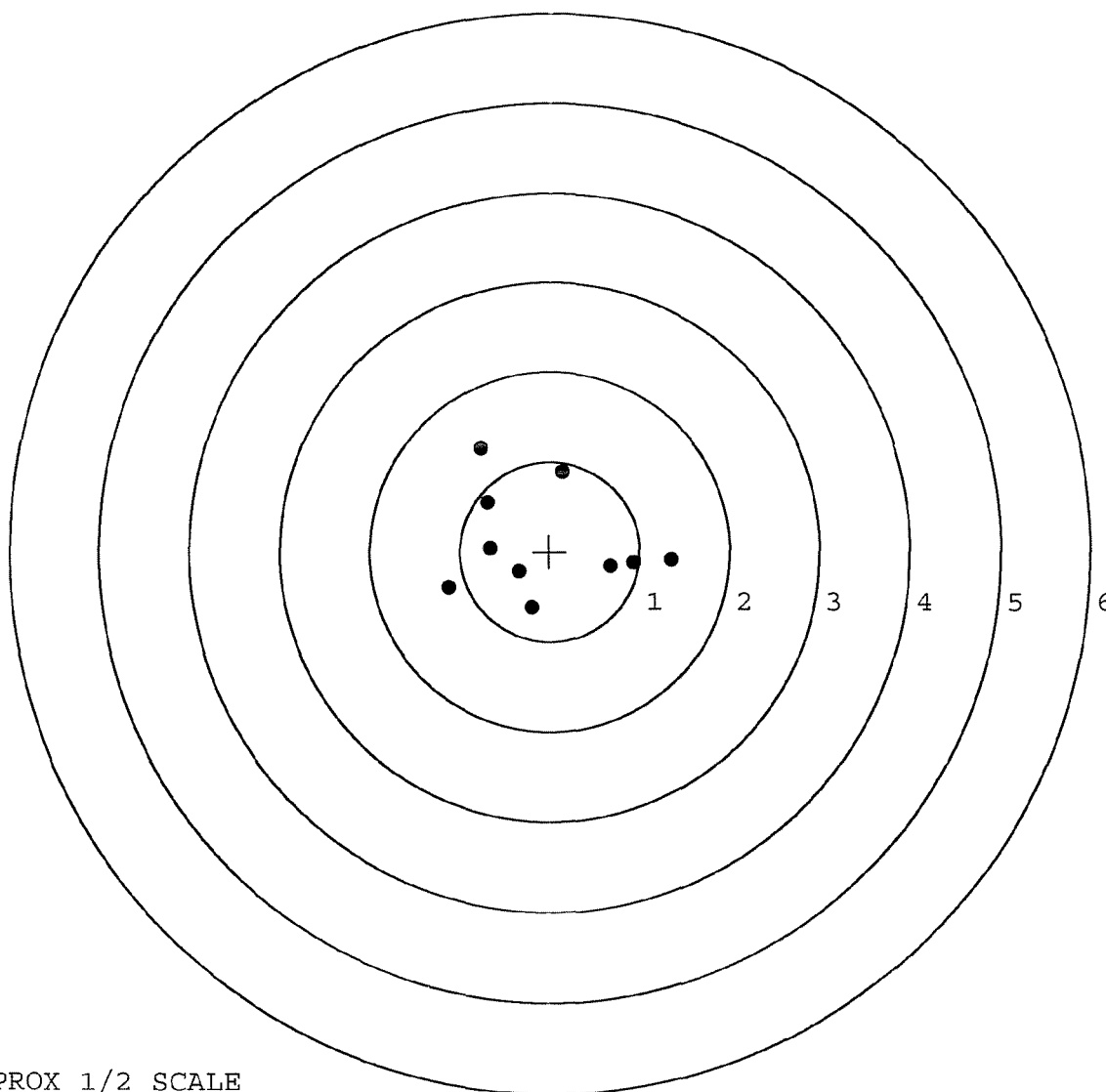
MAX RADIUS: 1.438

MEAN RADIUS: 0.905

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034797

SERIAL NUMBER: C6611721. __ 0

TARGET NUMBER: 3

FILE DATE: 05/08/2007

FILE TIME: 12:47

POINT#	X	Y
1:	0.936	0.166
2:	0.585	0.115
3:	0.196	-0.192
4:	0.001	-0.506
5:	-0.215	-0.413
6:	-0.364	-0.882
7:	-0.727	-0.136
8:	0.079	0.488
9:	-1.214	0.732
10:	-0.425	-0.122

X CENTROID: -0.115

Y CENTROID: -0.075

POA TO CENTROID: 0.137

HORZ SPREAD: 2.150

VERT SPREAD: 1.614

GROUP SPREAD: 2.223

MIN RADIUS: 0.314

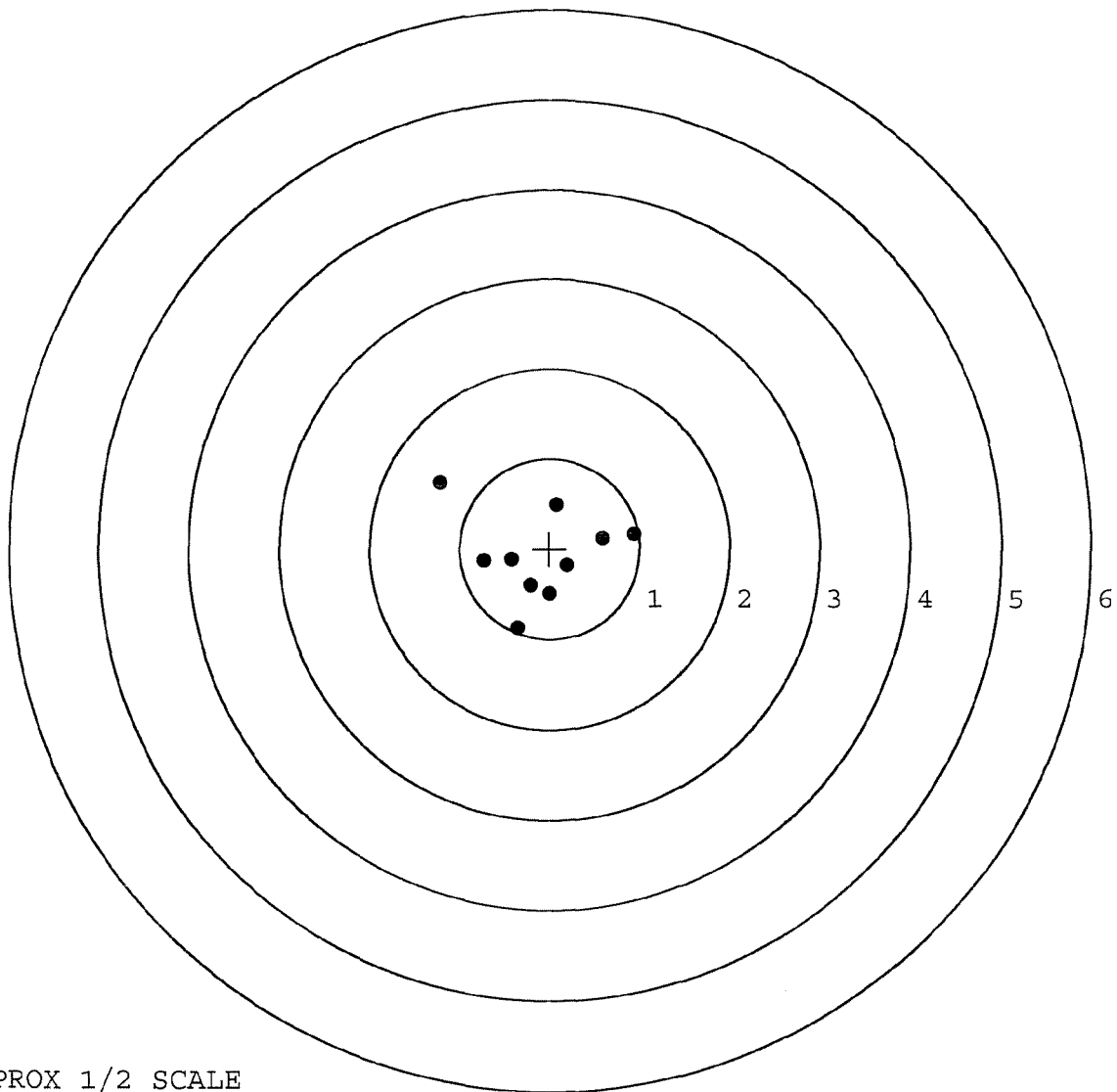
MAX RADIUS: 1.364

MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034798

SERIAL NUMBER: C6611721. __0

TARGET NUMBER: 4

FILE DATE: 05/08/2007

FILE TIME: 12:47

POINT#	X	Y
1:	-0.234	0.899
2:	-0.015	0.329
3:	0.858	0.474
4:	0.526	0.063
5:	0.219	-0.189
6:	0.197	-0.445
7:	0.249	-0.841
8:	-0.271	-0.488
9:	-0.784	-0.454
10:	-0.826	-0.204

X CENTROID: -0.008

Y CENTROID: -0.086

POA TO CENTROID: 0.086

HORZ SPREAD: 1.684

VERT SPREAD: 1.740

GROUP SPREAD: 1.886

MIN RADIUS: 0.250

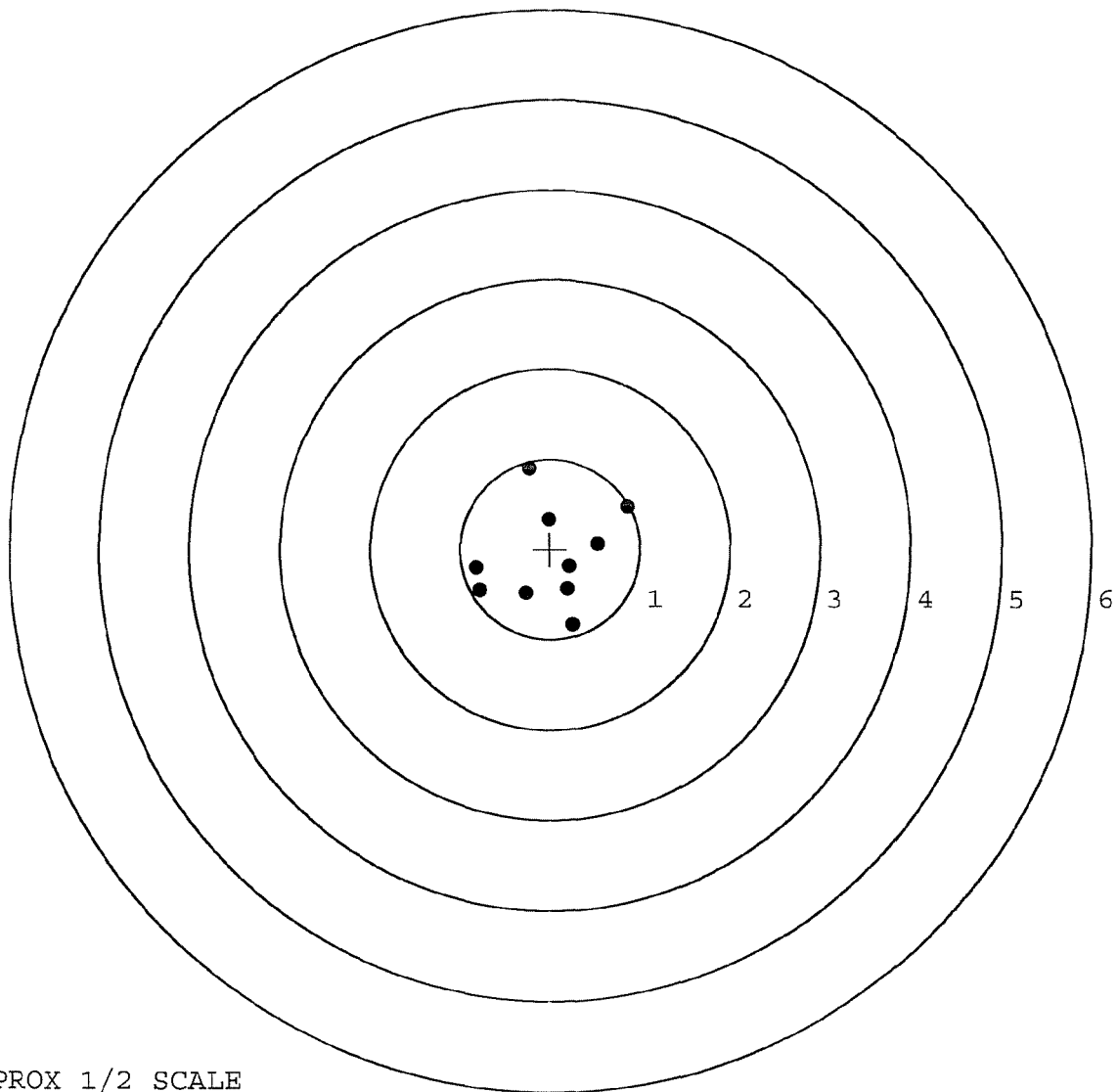
MAX RADIUS: 1.031

MEAN RADIUS: 0.664

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034799

SERIAL NUMBER: C6611721. __ 0

TARGET NUMBER: 5

FILE DATE: 05/08/2007

FILE TIME: 12:47

POINT#	X	Y
1:	0.304	-1.513
2:	-0.966	-0.563
3:	-0.769	-0.221
4:	0.300	-0.476
5:	-0.071	-0.502
6:	-0.443	-0.507
7:	-0.462	0.256
8:	0.846	0.450
9:	0.330	0.961
10:	0.104	-0.253

X CENTROID: -0.083

Y CENTROID: -0.237

POA TO CENTROID: 0.251

HORZ SPREAD: 1.812

VERT SPREAD: 2.474

GROUP SPREAD: 2.474

MIN RADIUS: 0.187

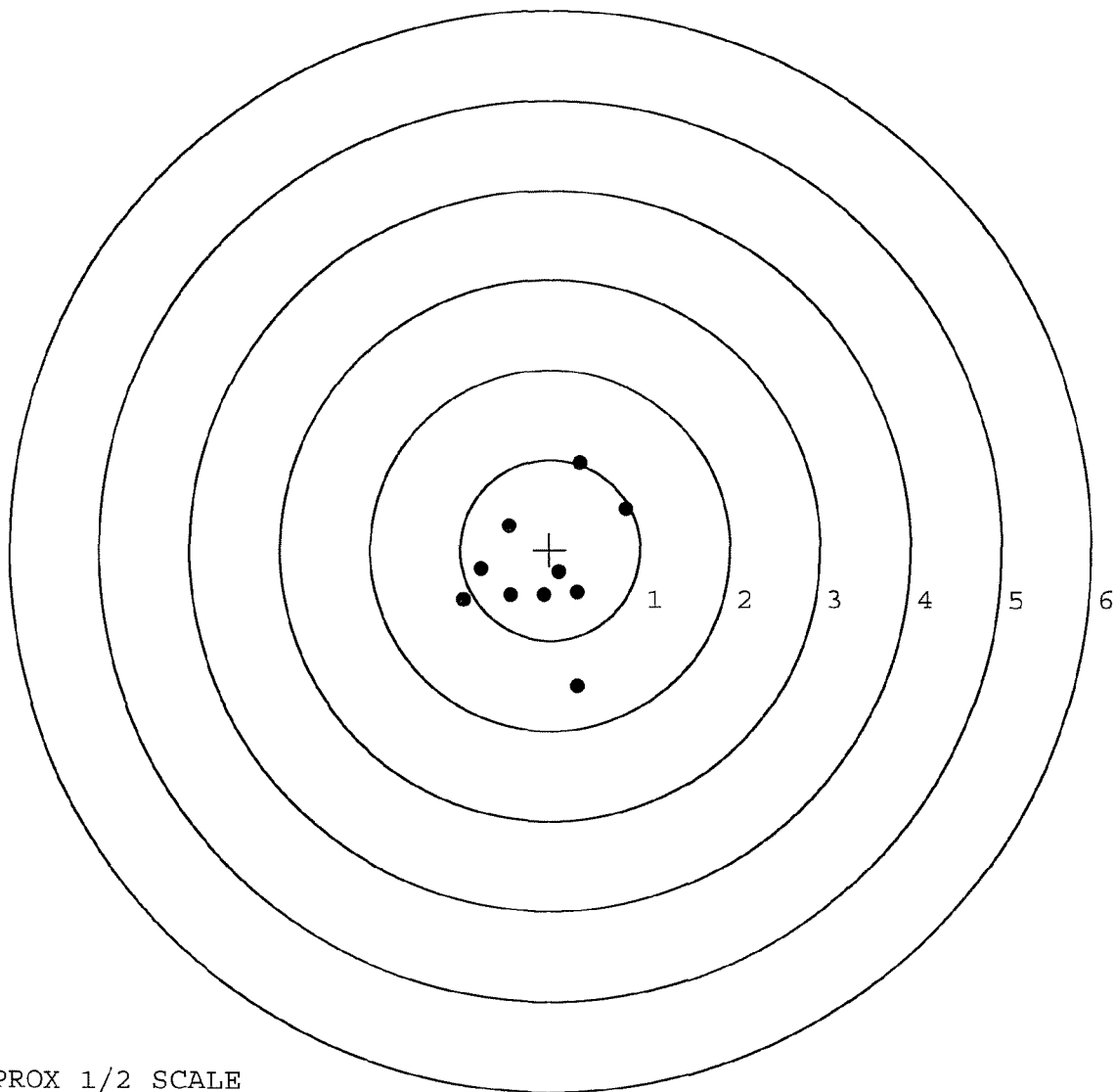
MAX RADIUS: 1.334

MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	127463		
SERIAL NUMBER	C6611721		
LOG-IN DATE	3-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-18-07	RTZ
505	RE-BARREL	4-26-07	RTZ
560	ASSEMBLE	4-19-07	TRW
600	PROOF	4-19-07	TRW
605	CHECK HEADSPACE	4-19-07	TRW
610	DIS-ASSEMBLE GUN	4-26-07	RTZ
612	MAGNAFLUX	4/24/07	unsub
510	DRILL AND TAP	4-24-07	TRW
615	ROLLMARK CALIBER	4-24-07	CW
618	ROTO-BLAST	4-24-07	LB
620	APPLY COATINGS	4/27/07	W
625	FINAL ASSEMBLY	5-7-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-7-07
650	TARGET	PASS FAIL	5-7-07
	MALFUNCTION	CORRECTION	5-14-07
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-14-07
	A) HEADSPACE	PASS FAIL	5-14-07
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.65 2.82 2.79 2.81 2.77	5-9-07
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.0 4.25 4.75	5-9-07
	G) SAFETY OFF FORCE	2 LBS MIN 3.5 3.5 3.5	5-9-07
	I) FIRING PIN INDENT	.020 .0225 .0225 .0225	5-9-07
690	PACK		5-14-07

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

MODEL 700™ M24

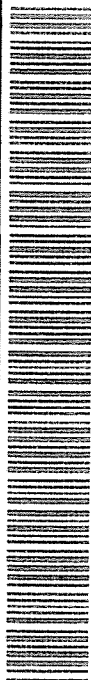
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6611721

ORDER NO.
 5716

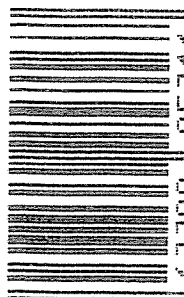
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611721

UPC



0 47700 25716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611721

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		1/16/91	KR
615	Rollmark Caliber		1/16/91	GL
617	Drill and Tap Sight Holes	1 17 91		LB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-17-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/8/91	DL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/9/91	JH
	G) Safety Off Force	2	2	2			3/8/91	JH
	H) Trigger Pull Test & Retainability						3/8/91	JH
	I) Firing Pin Indent	.0215	.021	.021			3/9/91	JH
	J) Assemble Stock						3/9/91	RW
	K) Assemble Swivel Studs						3/12/91	JH
	L) Attach Front and Rear Sight Assemblies						3/9/91	RW
	M) Iron Sight Alignment						3/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/91	RW
	O) Attach Scope to Rifle						3/9/91	RW
	P) Detach & Attach Scope 20 Times						3/9/91	RW
640	Gallery Target & Test						3-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						3-11-91	AF
655	Final Inspection							
	A) Headspace						3/12/91	JH
	B) Trigger Pull	2.46	2.41	2.41	2.45	2.48	3-12-91	JH
	C) Function						3/12/91	JH
660	Pack						3-20-91	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611721

DATE 3-8-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.22	2.48	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.52	2.48	2.41	
PULL #3	2.24	2.46	2.46	2.41	
PULL #4	2.28	2.46	2.40	2.45	
PULL #5	2.32	2.50	2.44	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.29		
PULL #2	3.27	3.34		
PULL #3	3.18	3.32		
PULL #4	3.41	3.23		
PULL #5	3.31	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.33		4.28
PULL #2	4.14	4.30		4.28
PULL #3	4.19	4.31		4.30
PULL #4	4.20	4.26		4.30
PULL #5	4.19	4.29		4.28
TOTAL				
AVG.				

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511421

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 3.264

VS= 3.743

GS= 4.676

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.321

1.105

.866

MINIMUM X

-1.943

-1.916

-.969

MAXIMUM Y

1.018

.715

.736

MINIMUM Y

-2.725

-1.813

-1.792

CENTROID X

.025

.241

.481

CENTROID Y

-.082

.221

.200

POA TO CENTROID in.

.086

.327

.521

MIN RADIUS

.655

.311

.143

MEAN RADIUS

1.259

.916

.744

MAX RADIUS

3.347

1.923

1.212

HORIZONTAL SPREAD

3.264

3.021

1.894

VERTICAL SPREAD

3.743

1.520

1.520

EXTREME SPREAD

4.676

3.173

2.007

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611421

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 3.419

VS= 3.356

GS= 3.637

CENTROID #

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.838	1.908	1.719
MINIMUM X	-1.581	-1.511	-1.143
MAXIMUM Y	1.909	1.437	.886
MINIMUM Y	-1.447	-1.235	-1.056
CENTROID X	-.064	-.134	.055
CENTROID Y	-.027	-.239	-.418
POA TO CENTROID in.	.069	.274	.422
MIN RADIUS	.275	.303	.116
MEAN RADIUS	1.168	1.063	.915
MAX RADIUS	2.011	2.085	1.769
HORIZONTAL SPREAD	3.419	3.419	2.862
VERTICAL SPREAD	3.356	2.672	1.942
EXTREME SPREAD	3.637	3.623	2.995
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 6		

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5511421

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.687

VS= 2.147

CS= 2.271

CENTROID #

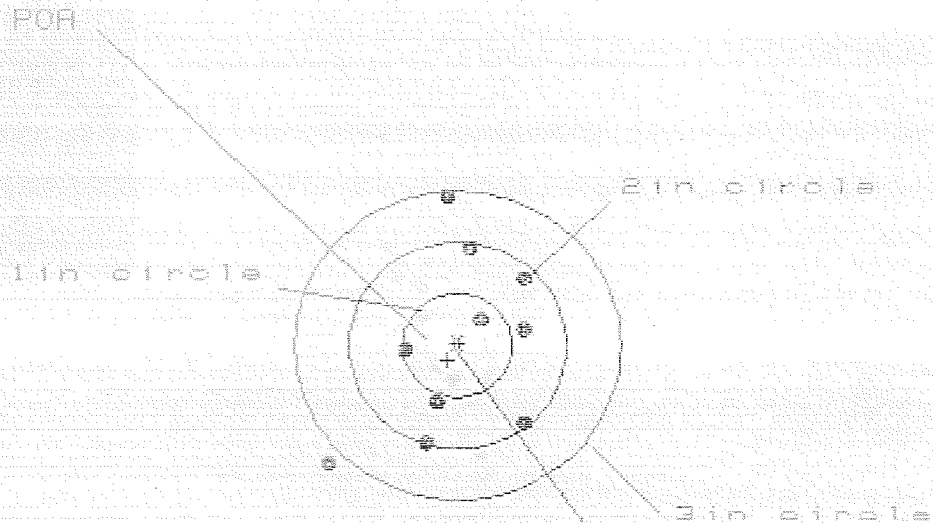
PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.601	.480	.517
MINIMUM X	-1.086	-.662	-.625
MAXIMUM Y	1.084	1.126	.998
MINIMUM Y	-1.063	-1.021	-.782
CENTROID X	-.048	.073	.036
CENTROID Y	-.039	-.081	.047
POA TO CENTROID IN:	.062	.109	.059
MIN RADIUS	.143	.073	.134
MEAN RADIUS	.676	.603	.539
MAX RADIUS	1.150	1.211	1.079
HORIZONTAL SPREAD	1.687	1.142	1.142
VERTICAL SPREAD	2.147	2.147	1.780
EXTREME SPREAD	2.271	2.271	1.862
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611421

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.808

VS= 2.541

GS= 2.758

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.639	.509	.481
MINIMUM X	-1.169	-.620	-.648
MAXIMUM Y	1.433	1.310	.982
MINIMUM Y	-1.108	-1.034	-.870
CENTROID X	.089	.219	.247
CENTROID Y	.143	.266	.102
POA TO CENTROID in.	.168	.344	.267
MIN RADIUS	.313	.134	.261
MEAN RADIUS	.080	.772	.700
MAX RADIUS	1.610	1.329	.983
HORIZONTAL SPREAD	1.808	1.129	1.129
VERTICAL SPREAD	2.541	2.344	1.852
EXTREME SPREAD	2.758	2.351	1.892
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

11 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611421

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.536

VS= 2.792

GS= 2.882

CENTROID *

PATTERN #

#

5

SHOTS (BEST OF)

#

10

9

8

MAXIMUM X

#

1.390

1.263

.464

MINIMUM X

#

-1.146

-.557

-.399

MAXIMUM Y

#

1.160

.979

.883

MINIMUM Y

#

-1.632

-1.987

-1.083

CENTROID X

#

.035

.162

.004

CENTROID Y

#

.039

.220

.316

POR TO CENTROID in.

#

.052

.273

.316

MIN RADIUS

#

.201

.290

.207

MEAN RADIUS

#

.889

.726

.596

MAX RADIUS

#

1.994

1.479

1.167

HORIZONTAL SPREAD

#

2.536

1.820

.863

VERTICAL SPREAD

#

2.792

1.966

1.966

EXTREME SPREAD

#

2.882

2.524

2.135

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

8