

C6594669

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Sinclair®

Repair Inquiry

Repair Number: RE00127457

Serial: C6594669 Model M24 SWS Center Fire
Caliber: 308 WIN

Repairman:

Status: Closed 3/30/2007 10:05:31 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CO C1ST / 20TH S.F.G.

CO C1ST / 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	Qt
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT/REAR BASE	1
R001	DEPLOYMENT KIT	1

Repair Search

Refresh

Close

nagletj

3/30/2007

11:13 AM

CAPS

NUM

INS

SCRL

start

41

P...

A...

R...

51

S...

M...

E...

11:13 AM

Serial Number: C6594669

Model: M24 SWS



RE00127457

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594669.___0
FILE DATE AND TIME: 05/08/2007 12:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.006
The Average Y Centroid of the Five Target Set:	-0.189
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.841
The Distance from POA to Centroid Target #1:	0.666
The Distance from Centroid Target #2 to Centroid Target #1:	0.896
The Distance from Centroid Target #3 to Centroid Target #1:	0.527
The Distance from Centroid Target #4 to Centroid Target #1:	0.305
The Distance from Centroid Target #5 to Centroid Target #1:	0.706

BARBER - M24 0021469

SERIAL NUMBER: C6594669. __0

TARGET NUMBER: 1

FILE DATE: 05/08/2007

FILE TIME: 12:25

POINT#	X	Y
1:	0.753	-0.097
2:	0.421	-0.369
3:	0.462	-0.544
4:	0.076	-0.027
5:	-0.581	-0.446
6:	-1.119	0.046
7:	0.023	0.999
8:	0.710	-1.882
9:	1.444	-2.083
10:	-1.967	-2.257

X CENTROID: 0.022

Y CENTROID: -0.666

POA TO CENTROID: 0.666

HORZ SPREAD: 3.411

VERT SPREAD: 3.256

GROUP SPREAD: 3.816

MIN RADIUS: 0.456

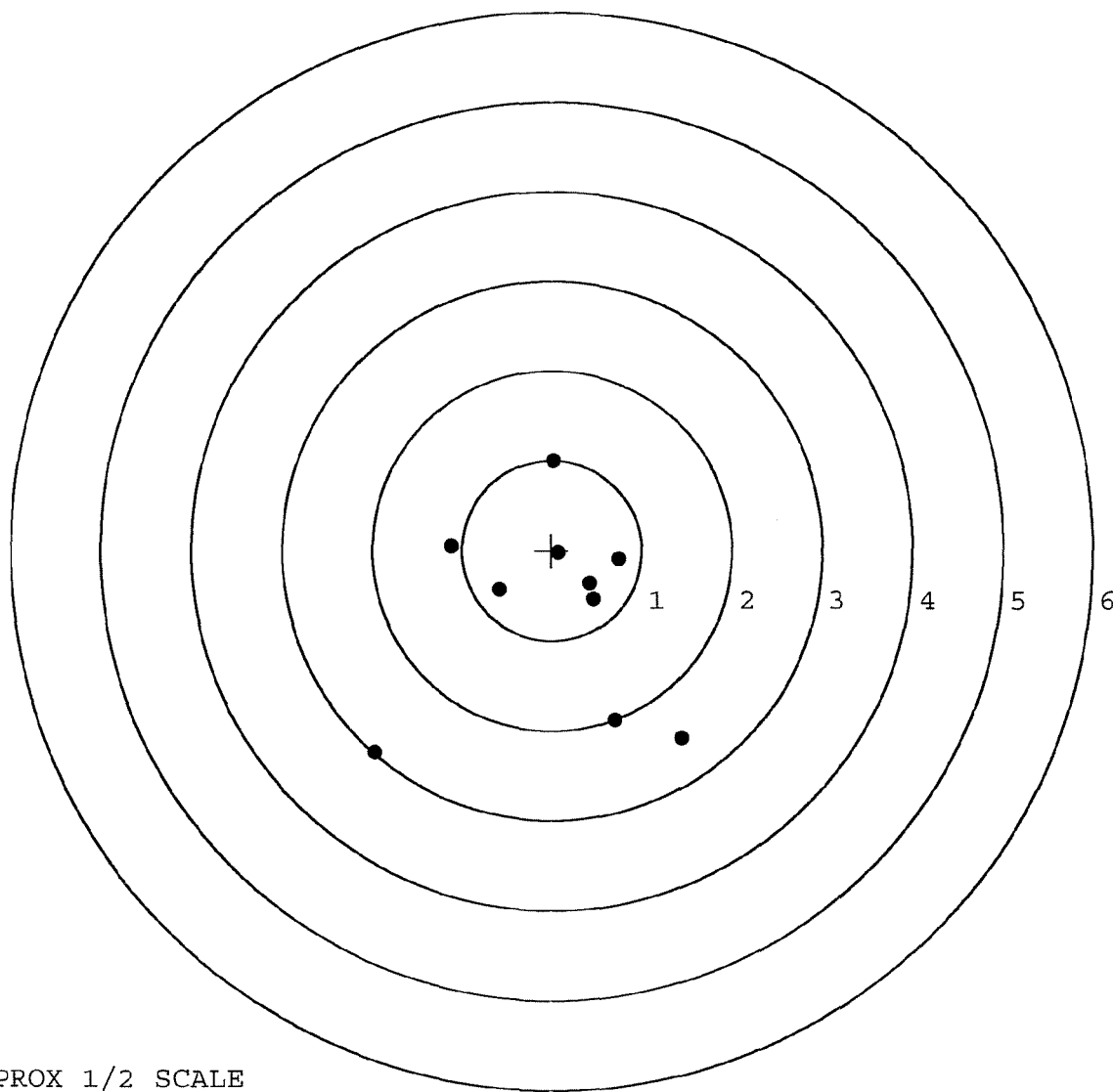
MAX RADIUS: 2.547

MEAN RADIUS: 1.212

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0021470

SERIAL NUMBER: C6594669. 0

TARGET NUMBER: 2

FILE DATE: 05/08/2007

FILE TIME: 12:25

POINT#	X	Y
1:	0.557	-0.608
2:	0.653	-0.214
3:	0.347	0.423
4:	0.037	0.310
5:	-0.212	0.113
6:	-0.652	-0.022
7:	-0.571	-0.761
8:	-0.591	0.540
9:	-0.279	0.592
10:	-0.507	1.807

X CENTROID: -0.122

Y CENTROID: 0.218

POA TO CENTROID: 0.250

HORZ SPREAD: 1.305

VERT SPREAD: 2.568

GROUP SPREAD: 2.639

MIN RADIUS: 0.138

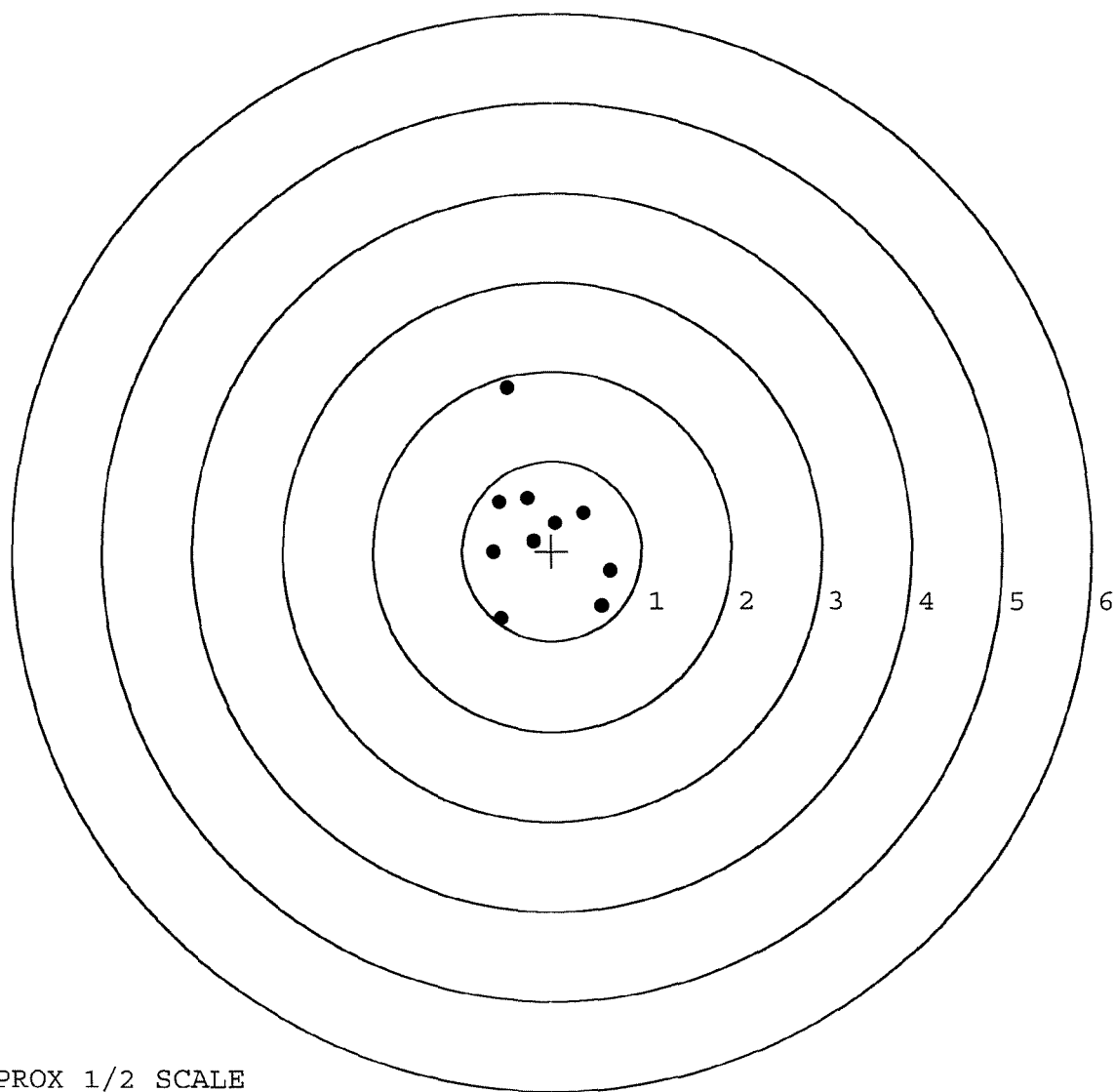
MAX RADIUS: 1.635

MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0021471

SERIAL NUMBER: C6594669. __0

TARGET NUMBER: 3

FILE DATE: 05/08/2007

FILE TIME: 12:25

POINT#	X	Y
1:	1.255	-0.682
2:	1.127	-0.452
3:	0.857	-0.600
4:	0.453	-1.159
5:	-0.518	-0.679
6:	-0.369	-0.034
7:	-0.776	0.298
8:	-0.350	0.352
9:	-0.102	0.783
10:	-0.120	0.636

X CENTROID: 0.146

Y CENTROID: -0.154

POA TO CENTROID: 0.212

HORZ SPREAD: 2.031

VERT SPREAD: 1.942

GROUP SPREAD: 2.255

MIN RADIUS: 0.528

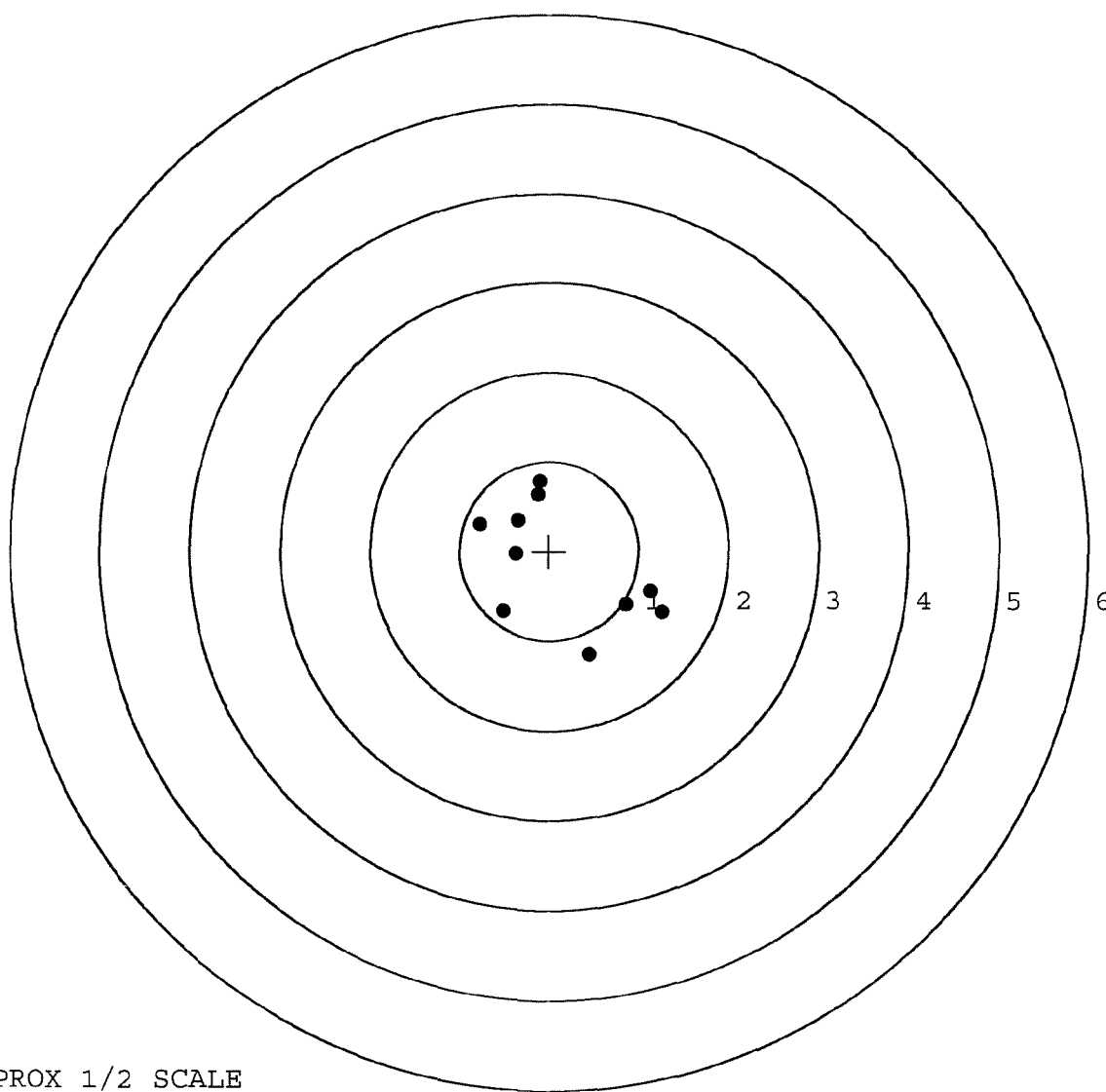
MAX RADIUS: 1.229

MEAN RADIUS: 0.906

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0021472

SERIAL NUMBER: C6594669. __0

TARGET NUMBER: 4

FILE DATE: 05/08/2007

FILE TIME: 12:25

POINT#	X	Y
1:	0.461	-2.408
2:	0.387	-1.323
3:	0.453	-0.202
4:	0.490	0.237
5:	0.300	0.554
6:	-0.204	-0.344
7:	-0.379	-0.328
8:	-0.476	0.037
9:	-0.794	-0.255
10:	-1.133	0.205

X CENTROID: -0.090

Y CENTROID: -0.383

POA TO CENTROID: 0.393

HORZ SPREAD: 1.623

VERT SPREAD: 2.962

GROUP SPREAD: 3.061

MIN RADIUS: 0.121

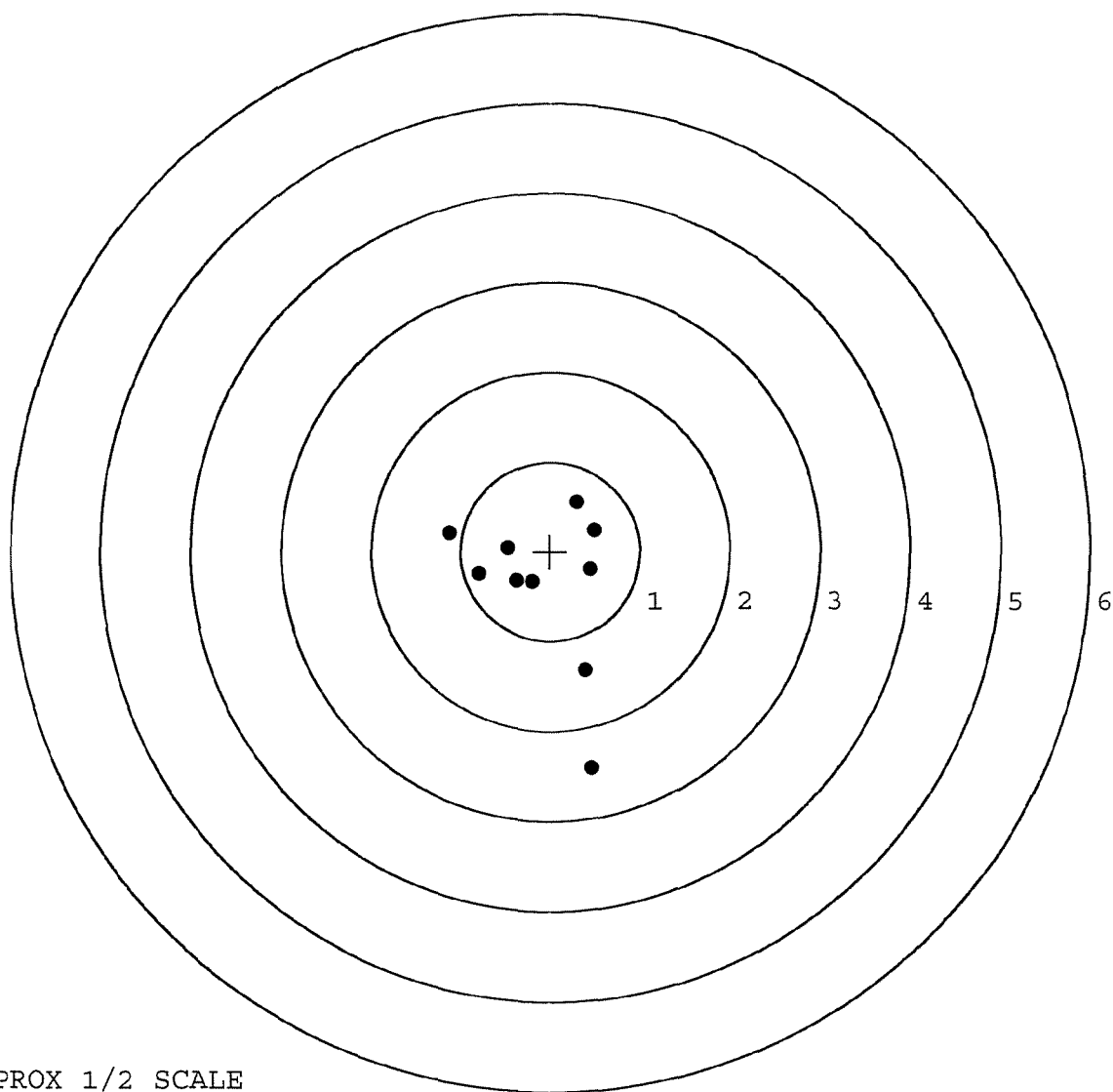
MAX RADIUS: 2.099

MEAN RADIUS: 0.849

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0021473

SERIAL NUMBER: C6594669. __0

TARGET NUMBER: 5

FILE DATE: 05/08/2007

FILE TIME: 12:25

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

1:	0.599	0.022
----	-------	-------

2:	0.319	0.733
----	-------	-------

3:	-0.425	0.420
----	--------	-------

4:	-0.163	0.398
----	--------	-------

5:	0.224	0.387
----	-------	-------

6:	0.142	0.234
----	-------	-------

7:	0.071	-0.809
----	-------	--------

8:	-0.223	-0.565
----	--------	--------

9:	0.040	-0.331
----	-------	--------

10:	-0.451	-0.086
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X CENTROID: 0.013

Y CENTROID: 0.040

POA TO CENTROID: 0.042

HORZ SPREAD: 1.050

VERT SPREAD: 1.542

GROUP SPREAD: 1.562

MIN RADIUS: 0.233

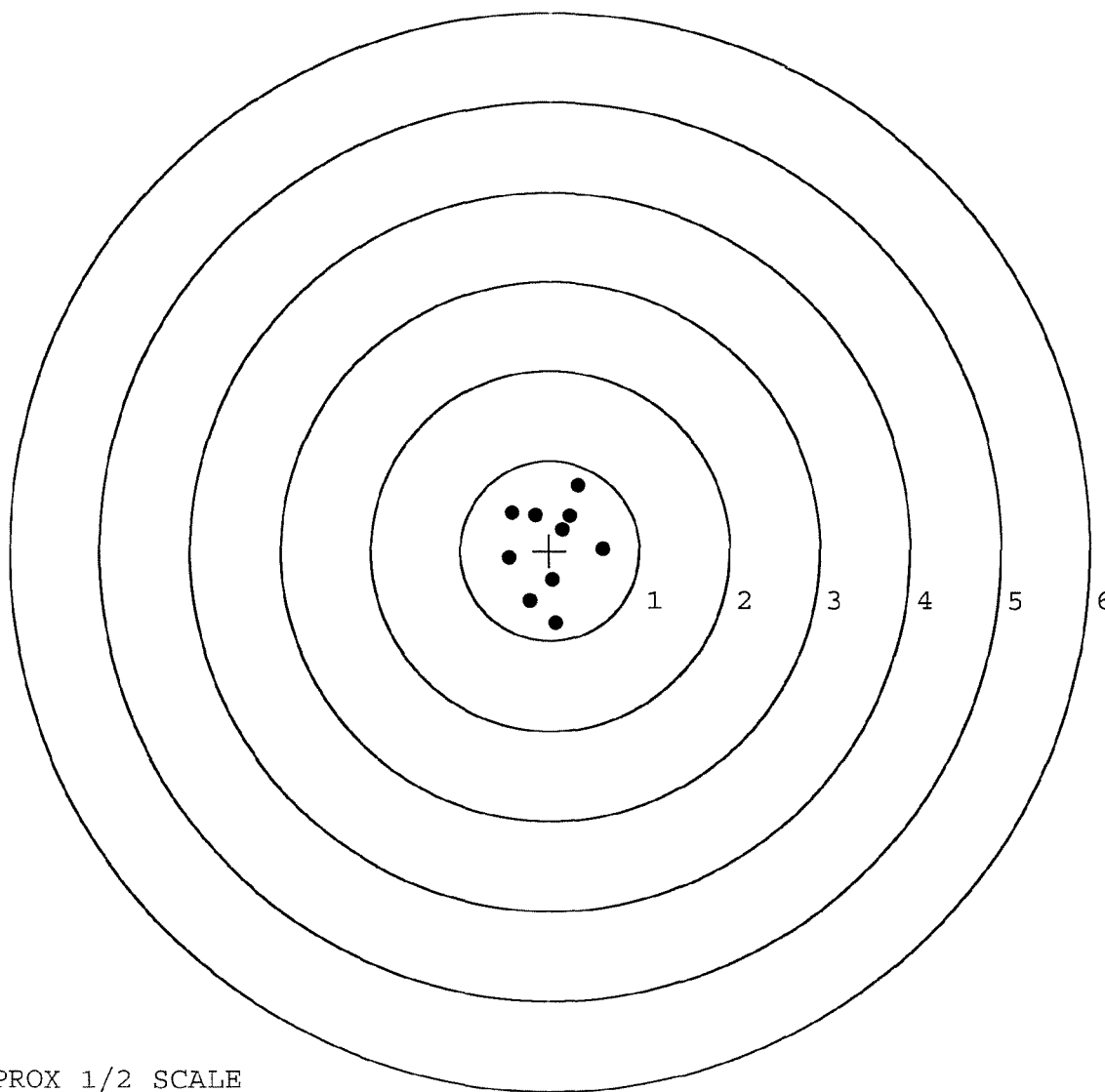
MAX RADIUS: 0.851

MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	127457		
SERIAL NUMBER	06594669		
LOG-IN DATE	3-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-18-07	RTZ
505	RE-BARREL	4-20-07	RTZ
560	ASSEMBLE	4-19-07	TRW
600	PROOF	4-19-07	TRW
605	CHECK HEADSPACE	4-19-07	TRW
610	DIS-ASSEMBLE GUN	4-20-07	RTZ
612	MAGNAFLUX	4-24-07	TRW
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	5-4-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-17-07 TRW
650	TARGET	PASS FAIL	5-17-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-11-07 RTZ
	A) HEADSPACE	PASS FAIL	5-16-07 RTZ
	B) TRIGGER PULL	2.79 2.73 2.82 2.89 2.81 5.9.07	TRW
680	F) SAFETY ON FORCE	5.25 5.0 5.25 5.9.07	TRW
	G) SAFETY OFF FORCE	2.25 2.5 2.5 5.9.07	TRW
	I) FIRING PIN INDENT	.024 .024 ⁵ .024 5.9.07	TRW
690	PACK		5-14-07 RTZ

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

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

DUPONT

MODEL 700™ H24

SERIAL NO. C6594669

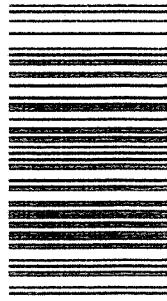
ORDER NO. 5716

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



5716 C6594669

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594669

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 16	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber	1 18	91	GS
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	JA
	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		3-1-91	M

op. #	BARBER M24 0021477	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/1/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			3/1/91	WB
	H) Trigger Pull Test & Retainability						3-1-91	SL
	I) Firing Pin Indent	.0205	.021	.021			3/1/91	WB
	J) Assemble Stock						3/6/91	RW
	K) Assemble Swivel Studs						3/2-91	DH
	L) Attach Front and Rear Sight Assemblies						3/6/91	RW
	M) Iron Sight Alignment						3/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/6/91	RW
	O) Attach Scope to Rifle						3/6/91	RW
	P) Detach & Attach Scope 20 Times						3/6/91	RW
640	Gallery Target & Test						3/6/91	KJ
	A) Time						"	13
	B) Malfunctions						"	13
	C) Pierced Primers						"	12
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						3/6/91	KJ
655	Final Inspection							
	A) Headspace						3-12-91	DH
	B) Trigger Pull	2.51	2.29	2.58	2.55	2.48	3/11/91	SL
	C) Function						3-12-91	DH
660	Pack						3-20-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594669

DATE 3-1-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.18	2.16	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.24	2.39	2.29	
PULL #3	2.57	2.27	2.41	2.58	
PULL #4	2.51	2.30	2.50	2.55	
PULL #5	2.53	2.38	2.43	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.30		
PULL #2	3.23	3.18		
PULL #3	3.27	3.53		
PULL #4	3.32	3.41		
PULL #5	3.51	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.47		4.22
PULL #2	4.47	4.34		4.49
PULL #3	4.60	4.59		4.43
PULL #4	4.54	4.69		4.19
PULL #5	4.17	4.62		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594669
7 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.108559
1 TO	2	.122201
1 TO	3	.120333
1 TO	4	.060959
1 TO	5	.133417

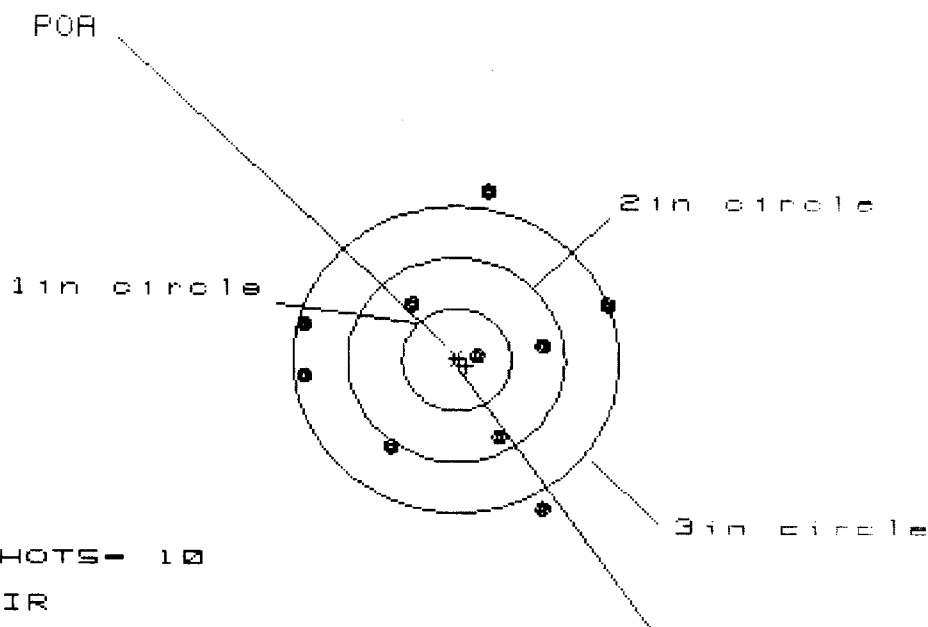
• <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0338
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0398
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0522157
THE AMR FOR THIS RIFLE IS: .9636

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594669

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.817

VS= 3.075

GS= 3.121

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.393	1.481	1.525
MINIMUM X	-1.424	-1.336	-1.292
MAXIMUM Y	1.628	1.468	.611
MINIMUM Y	-1.447	-1.053	-.870
CENTROID X	-.093	-.181	-.225
CENTROID Y	.056	.216	.033
POA TO CENTROID in.	.109	.282	.227
MIN RADIUS	.173	.300	.306
MEAN RADIUS	1.128	1.071	1.005
MAX RADIUS	1.650	1.534	1.632
HORIZONTAL SPREAD	2.817	2.817	2.817
VERTICAL SPREAD	3.075	2.521	1.481
EXTREME SPREAD	3.121	2.860	2.860
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594669

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.126

VS = 2.401

GS = 2.466

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.935	.803	.754
MINIMUM X	:	-1.191	-.844	-.893
MAXIMUM Y	:	1.182	1.089	.925
MINIMUM Y	:	-1.219	-1.312	-1.015
CENTROID X	:	.029	.161	.210
CENTROID Y	:	.063	.156	.320
POA TO CENTROID in.	:	.069	.224	.383
MIN RADIUS	:	.419	.361	.261
MEAN RADIUS	:	.911	.824	.733
MAX RADIUS	:	1.455	1.370	1.083
HORIZONTAL SPREAD	:	2.126	1.647	1.647
VERTICAL SPREAD	:	2.401	2.401	1.940
EXTREME SPREAD	:	2.466	2.424	2.001
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594669

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 6

2in - 8

3in = 10

CENTROID *

HS= 2.049

VS= 1.188

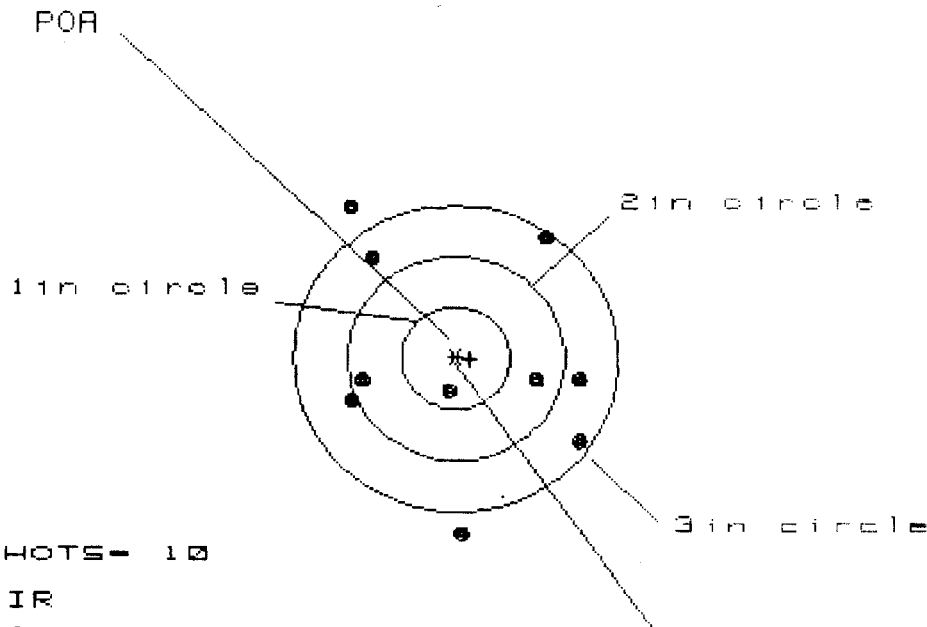
GS= 2.116

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.792	.703
MINIMUM X	:	-1.132	-.518	-.419
MAXIMUM Y	:	.607	.581	.495
MINIMUM Y	:	-.581	-.514	-.441
CENTROID X	:	.019	.144	.045
CENTROID Y	:	.100	.033	-.040
POA TO CENTROID in.	:	.102	.148	.060
MIN RADIUS	:	.160	.170	.073
MEAN RADIUS	:	.568	.475	.386
MAX RADIUS	:	1.284	.982	.750
HORIZONTAL SPREAD	:	2.049	1.310	1.122
VERTICAL SPREAD	:	1.188	1.095	.936
EXTREME SPREAD	:	2.116	1.584	1.298
NUMBER IN ONE INCH CIRCLE	=	6		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594669

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in = 8

HS= 2.123

VS= 3.227

GS= 3.382

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.108	.996	.981
MINIMUM X	:	-1.015	-1.093	-1.108
MAXIMUM Y	:	1.537	1.390	1.200
MINIMUM Y	:	-1.690	-1.519	-.797
CENTROID X	:	-.133	-.021	-.006
CENTROID Y	:	.010	-.161	.029
POA TO CENTROID in.	:	.134	.162	.030
MIN RADIUS	:	.304	.200	.361
MEAN RADIUS	:	1.174	1.068	1.023
MAX RADIUS	:	1.842	1.554	1.379
HORIZONTAL SPREAD	:	2.123	2.089	2.089
VERTICAL SPREAD	:	3.227	2.909	1.997
EXTREME SPREAD	:	3.382	3.020	2.600
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Mar 1991

FILE://PATTERNING/CENTERFIRE_PATT/C6594669

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.260

VS = 2.845

GS = 3.620

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.168	1.047	.834
MINIMUM X	-1.092	-1.186	-1.055
MAXIMUM Y	1.281	1.107	1.244
MINIMUM Y	-1.564	-.910	-.773
CENTROID X	.009	.130	-.001
CENTROID Y	-.030	.144	.007
POA TO CENTROID in.	.031	.194	.007
1 IN RADIUS	.162	.260	.134
2 IN RADIUS	1.037	.934	.842
3 IN RADIUS	1.907	1.511	1.306
HORIZONTAL SPREAD	2.260	2.233	1.889
VERTICAL SPREAD	2.845	2.017	2.017
EXTREME SPREAD	3.620	2.998	2.400
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	