

C6587694

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00127547

Serial: C6587694 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 4/3/2007 6:55:47 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: RAMON VELAZQUEZ STTD

RAMON VELAZQUEZ STTD

Address 1: 1401 ARTILLERY CIRCLE

1401 ARTILLERY CIRCLE

Address 2: ATTN: SUPPLY BLDG 978

PO Box:

ATTN: SUPPLY BLDG 978

PO Box:

City: FT LEONARD WOOD

FT LEONARD WOOD

State: MO

Zip Code: 65473

Country: US

State: MO

Zip Code: 65473

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 573 596 3420

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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

maglet

4/3/2007

7:26 AM

CAPS

NUM

INS

SCRL

Serial Number:

C6587694

Model: M24 SWS



RE00127547

Remington.

Factory Repair Instructions

(NOTE: Please print and complete this form, and then include it with your firearm.)

Model Number: <u>M24A1</u>		Serial Number: <u>C6587694</u>	
Are you the original owner? ☒ YES ☐ NO <u>Contract # DAA E20-02-C-0149</u>			
Name: <u>US Army MPS-577D</u>		Date of Purchase: <u>UNKNOWN</u>	
Address (no PO Boxes): <u>1401 Artillery Circle</u>			
<u>BLDG 978</u>			
City: <u>FT. Leonard Wood</u>		ATTN: <u>Ramon Velazquez</u>	
State: <u>MO</u>		Zip: <u>65473</u>	
Phone (Daytime): <u>(573) 596-0311 X6-3420</u>		Fax: <u>(573) 596-0747</u>	
E-mail Address:			
☐ I would like to receive future e-mail updates from Remington.			
Please describe your problem and date of occurrence:			
<u>-cracked bolt (ejector pin hole)</u>			
Ammunition Information:			
Manufacturer: <u>Military (Lake City)</u>		Type: <u>M118 Match Ball</u>	
Other (i.e. bullet weight/type, shot size, powder):			
Handload Information:			
Powder Used:		Powder Weight:	
Case/Hull Used:		Primer Used:	
Bullet Type/Shot Size:		Reloader Used:	
Firearms Care (Cleaning and Lubrication):			
Brand of cleaning solution used:			
How often do you clean the bore? (Months or Number of rounds)			
How often do you clean the action? (Months or Number of rounds)			
How often do you clean the trigger assembly? (Months or Number of rounds)			
Brand of lubricant used:			
How often do you lubricate the bore? (Months or Number of rounds)			
How often do you lubricate the action? (Months or Number of rounds)			
How often do you lubricate the trigger assembly? (Months or Number of rounds)			
Have you reviewed the cleaning and maintenance recommendations on our web site or in our owners manual? ☐ YES ☐ NO			

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

R & E NUMBER		127547	
SERIAL NUMBER		C6582694	
LOG-IN DATE		4-3-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-26-07	RTZ
505	RE-BARREL	4-30-07	RTZ
560	ASSEMBLE	4-30-07	RTZ
600	PROOF	5-1-07	TRW
605	CHECK HEADSPACE	5-1-07	TRW
610	DIS-ASSEMBLE GUN	5-1-07	RTZ
612	MAGNAFLUX	5-1-07	TRW
510	DRILL AND TAP	5-1-07	FM
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-2-07	LB
620	APPLY COATINGS	5-9-07	WJ
625	FINAL ASSEMBLY	5-14-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5/14/07 WJ
650	TARGET	PASS FAIL	5/14/07 WJ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5/15/07 WJ
	A) HEADSPACE	PASS FAIL	5/15/07 WJ
	B) TRIGGER PULL	2.77 2.80 2.77 2.68 2.72	5-15-07 TRW
680	F) SAFETY ON FORCE	5.75 5.5 5.5	5-15-07 TRW
	G) SAFETY OFF FORCE	2.25 2.0 2.0	5-15-07 TRW
	I) FIRING PIN INDENT	.0245 .0235 .024	5-15-07 TRW
690	PACK		5-17-07 RA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587694.___0
FILE DATE AND TIME: 05/15/2007 01:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.182
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.184
The Average Mean Radius of the Five Target Set:	0.717
The Distance from POA to Centroid Target #1:	0.134
The Distance from Centroid Target #2 to Centroid Target #1:	0.194
The Distance from Centroid Target #3 to Centroid Target #1:	0.203
The Distance from Centroid Target #4 to Centroid Target #1:	0.095
The Distance from Centroid Target #5 to Centroid Target #1:	0.376

SERIAL NUMBER: C6587694. __0

TARGET NUMBER: 1

FILE DATE: 05/15/2007

FILE TIME: 01:25

X CENTROID: 0.131

Y CENTROID: 0.029

POA TO CENTROID: 0.134

HORZ SPREAD: 1.369

VERT SPREAD: 1.241

GROUP SPREAD: 1.848

MIN RADIUS: 0.098

MAX RADIUS: 0.979

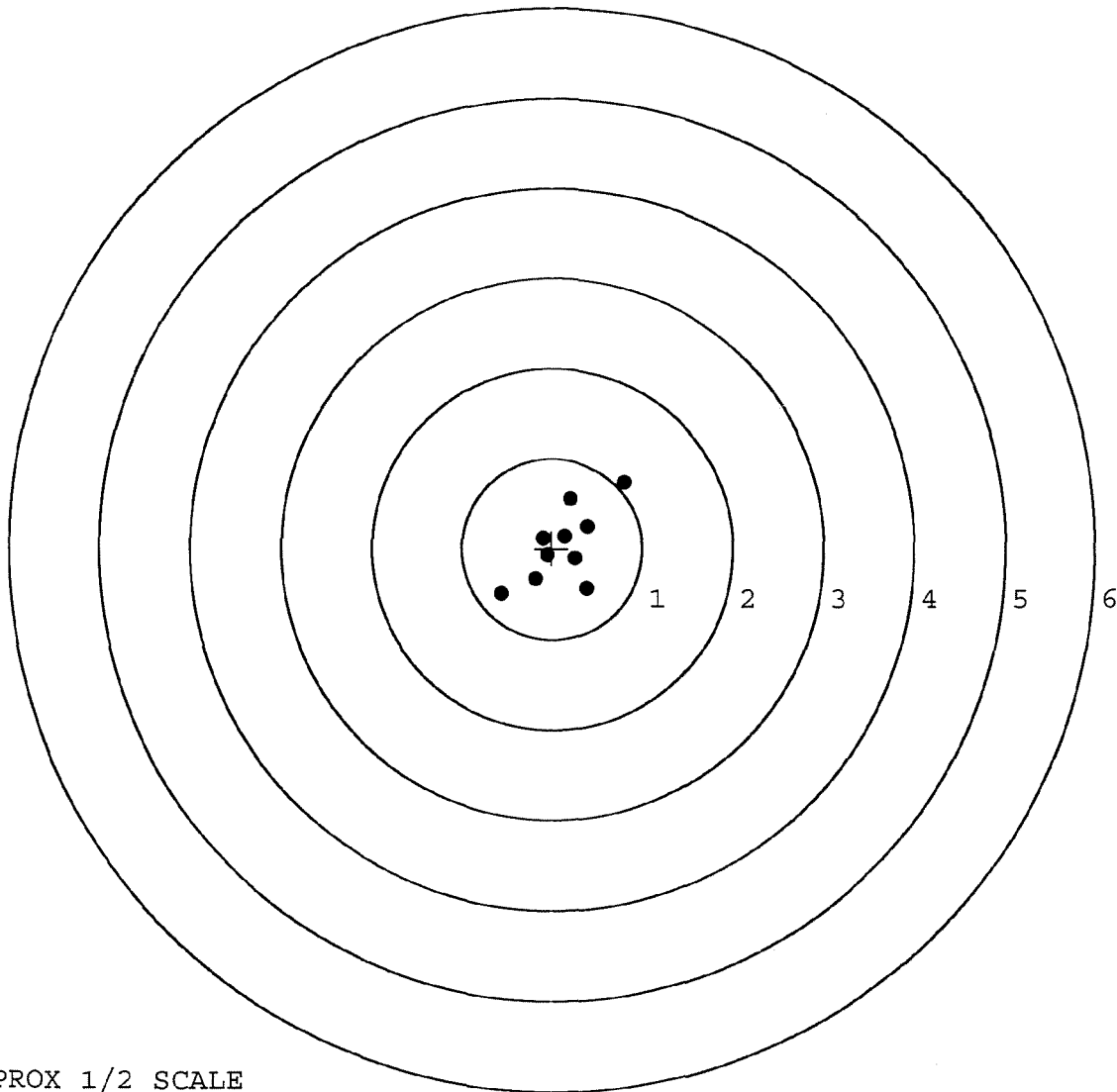
MEAN RADIUS: 0.449

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.208	0.549
2:	0.395	0.245
3:	0.806	0.738
4:	0.390	-0.446
5:	0.261	-0.115
6:	0.140	0.127
7:	-0.100	0.113
8:	-0.048	-0.076
9:	-0.182	-0.341
10:	-0.563	-0.503



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587694. 0

TARGET NUMBER: 2

FILE DATE: 05/15/2007

FILE TIME: 01:25

X CENTROID: 0.211

Y CENTROID: -0.147

POA TO CENTROID: 0.258

HORZ SPREAD: 2.039

VERT SPREAD: 1.692

GROUP SPREAD: 2.042

MIN RADIUS: 0.244

MAX RADIUS: 1.035

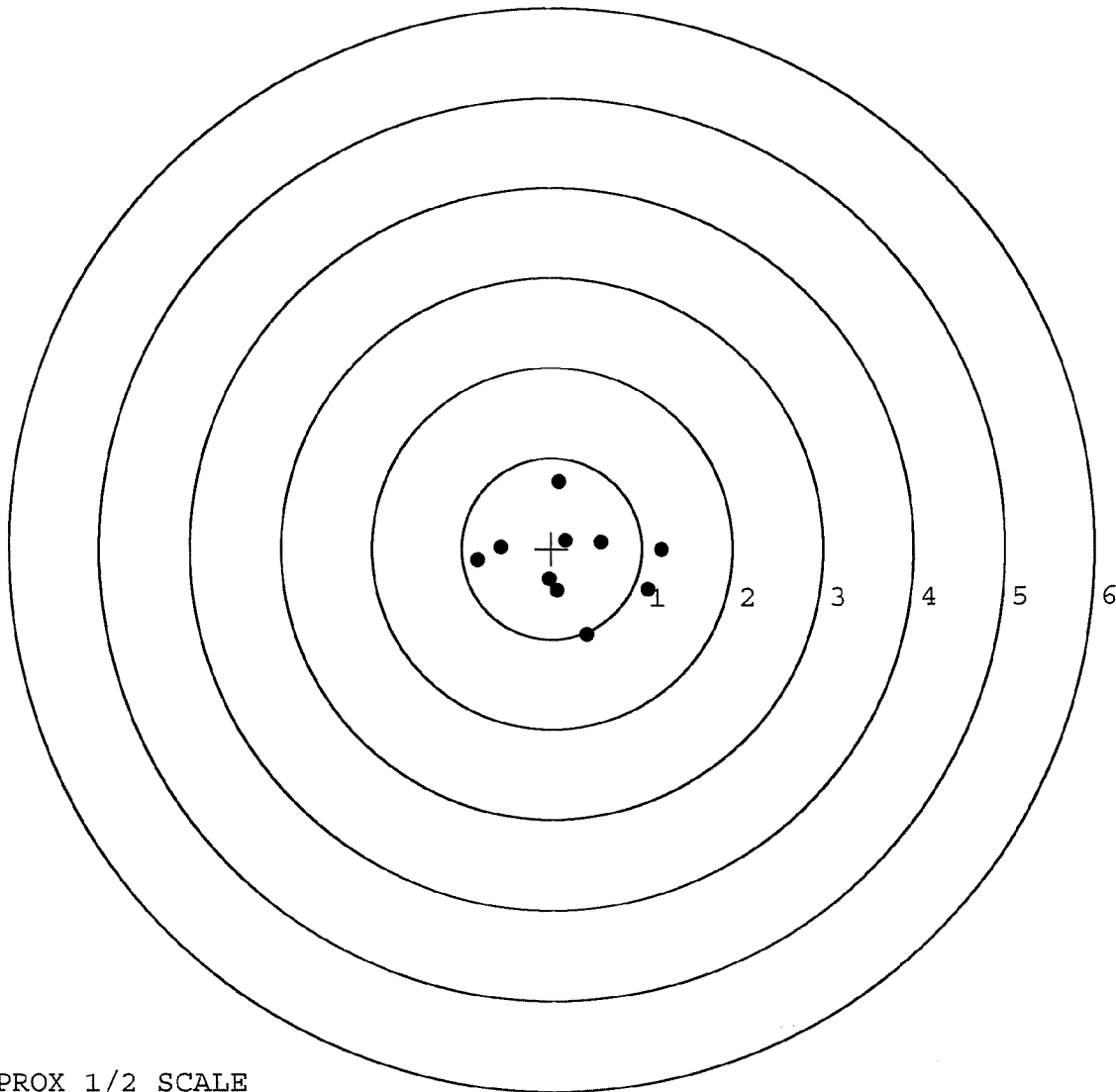
MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.823	-0.129
2:	-0.562	0.014
3:	0.091	0.736
4:	0.156	0.090
5:	0.550	0.071
6:	1.216	-0.022
7:	0.062	-0.471
8:	-0.027	-0.343
9:	1.064	-0.464
10:	0.387	-0.956



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587694. 0

TARGET NUMBER: 3

FILE DATE: 05/15/2007

FILE TIME: 01:25

X CENTROID: 0.000

Y CENTROID: -0.127

POA TO CENTROID: 0.127

HORZ SPREAD: 1.662

VERT SPREAD: 1.879

GROUP SPREAD: 2.019

MIN RADIUS: 0.268

MAX RADIUS: 1.123

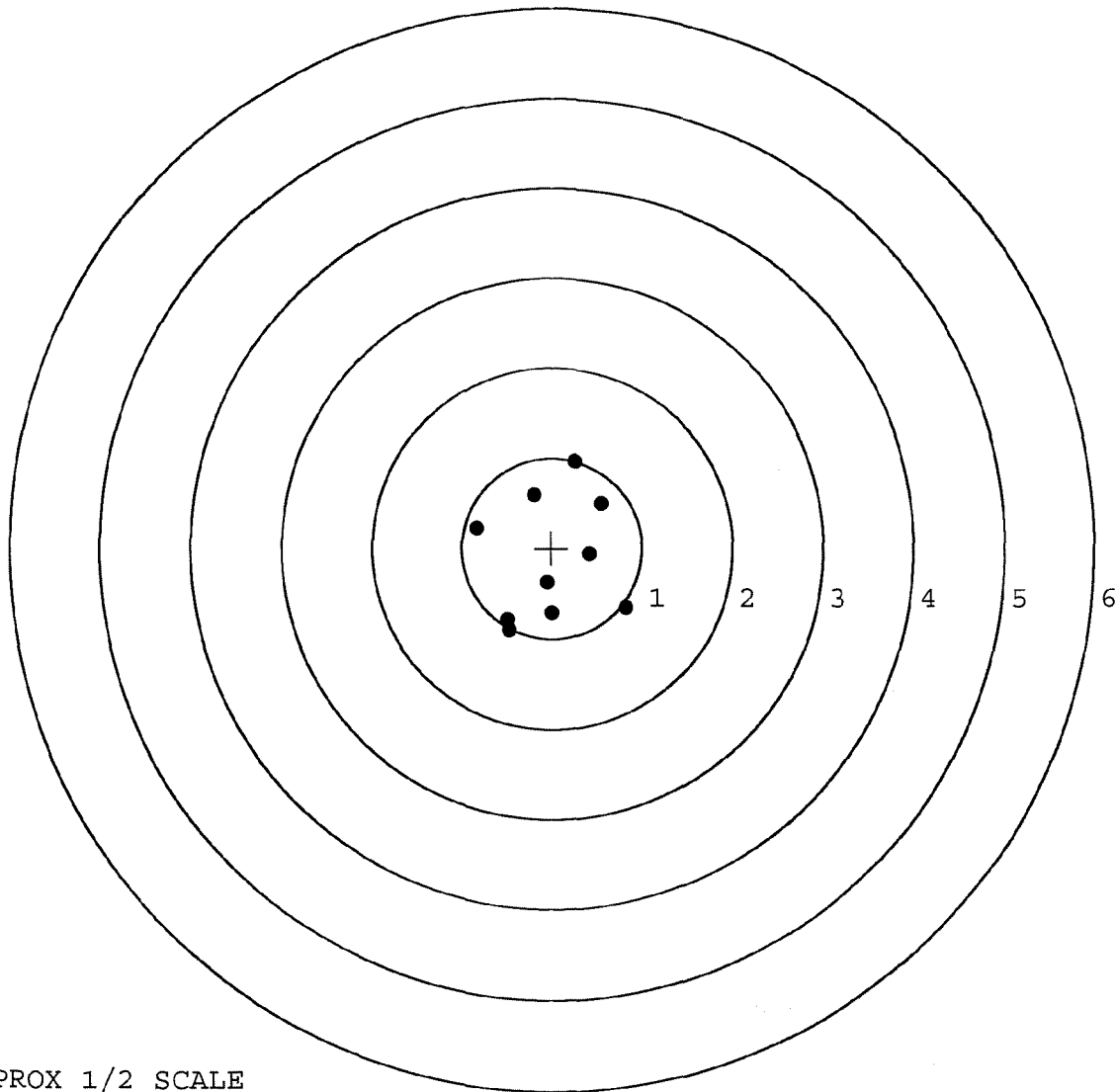
MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.197	0.592
2:	0.261	0.966
3:	0.550	0.498
4:	0.424	-0.063
5:	-0.050	-0.390
6:	0.003	-0.722
7:	0.824	-0.663
8:	-0.477	-0.913
9:	-0.497	-0.795
10:	-0.838	0.225



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587694. __0

TARGET NUMBER: 4

FILE DATE: 05/15/2007

FILE TIME: 01:25

POINT#	X	Y
1:	-0.506	0.122
2:	-0.457	-0.198
3:	-0.707	1.327
4:	0.287	0.572
5:	0.048	0.114
6:	0.077	-0.359
7:	0.435	-0.198
8:	0.619	-0.515
9:	1.242	0.077
10:	-0.434	-0.014

X CENTROID: 0.060

Y CENTROID: 0.093

POA TO CENTROID: 0.111

HORZ SPREAD: 1.949

VERT SPREAD: 1.842

GROUP SPREAD: 2.315

MIN RADIUS: 0.025

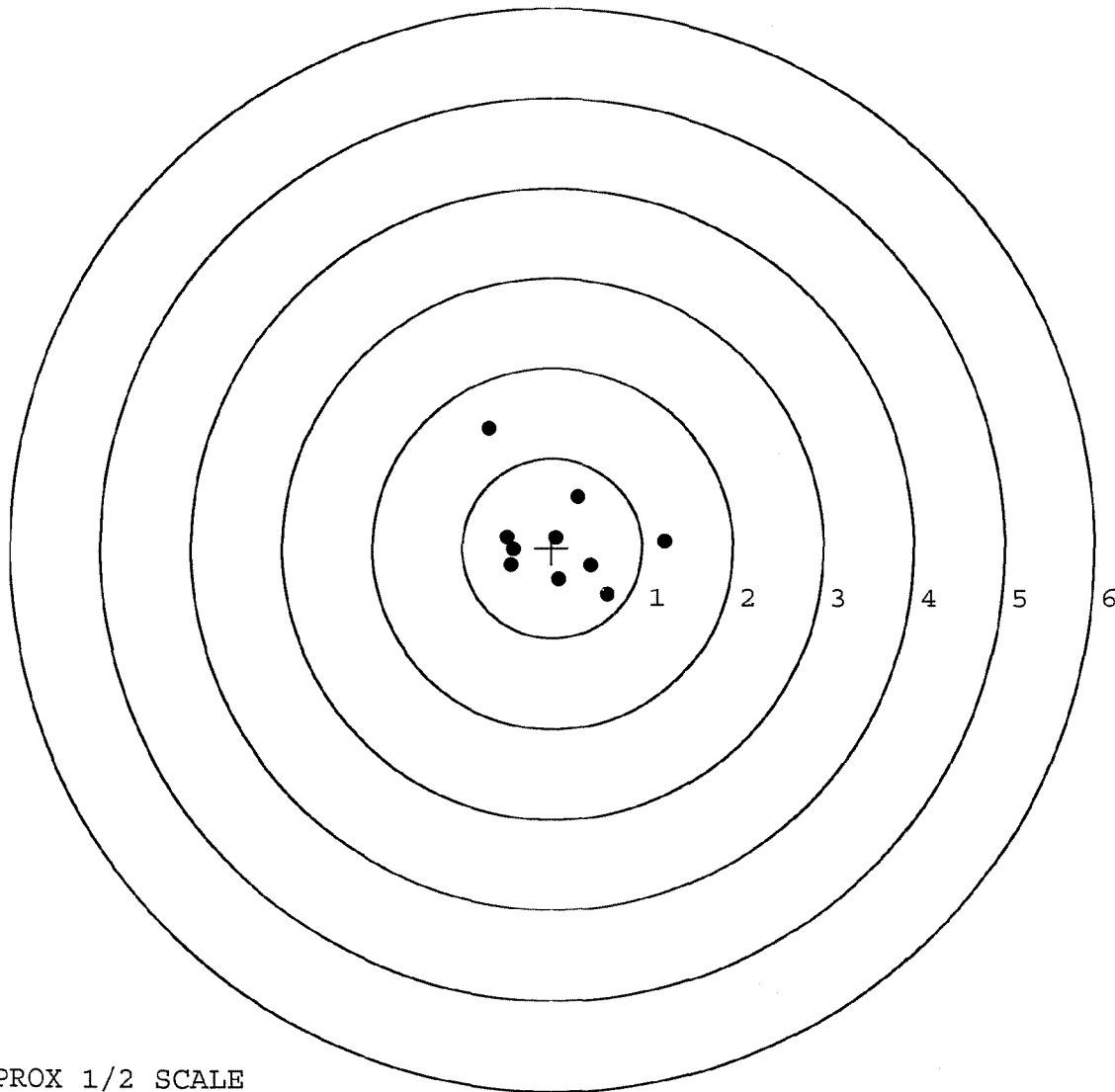
MAX RADIUS: 1.453

MEAN RADIUS: 0.661

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587694. 0

TARGET NUMBER: 5

FILE DATE: 05/15/2007

FILE TIME: 01:25

X CENTROID: 0.506

Y CENTROID: 0.011

POA TO CENTROID: 0.506

HORZ SPREAD: 2.556

VERT SPREAD: 2.437

GROUP SPREAD: 2.801

MIN RADIUS: 0.288

MAX RADIUS: 1.686

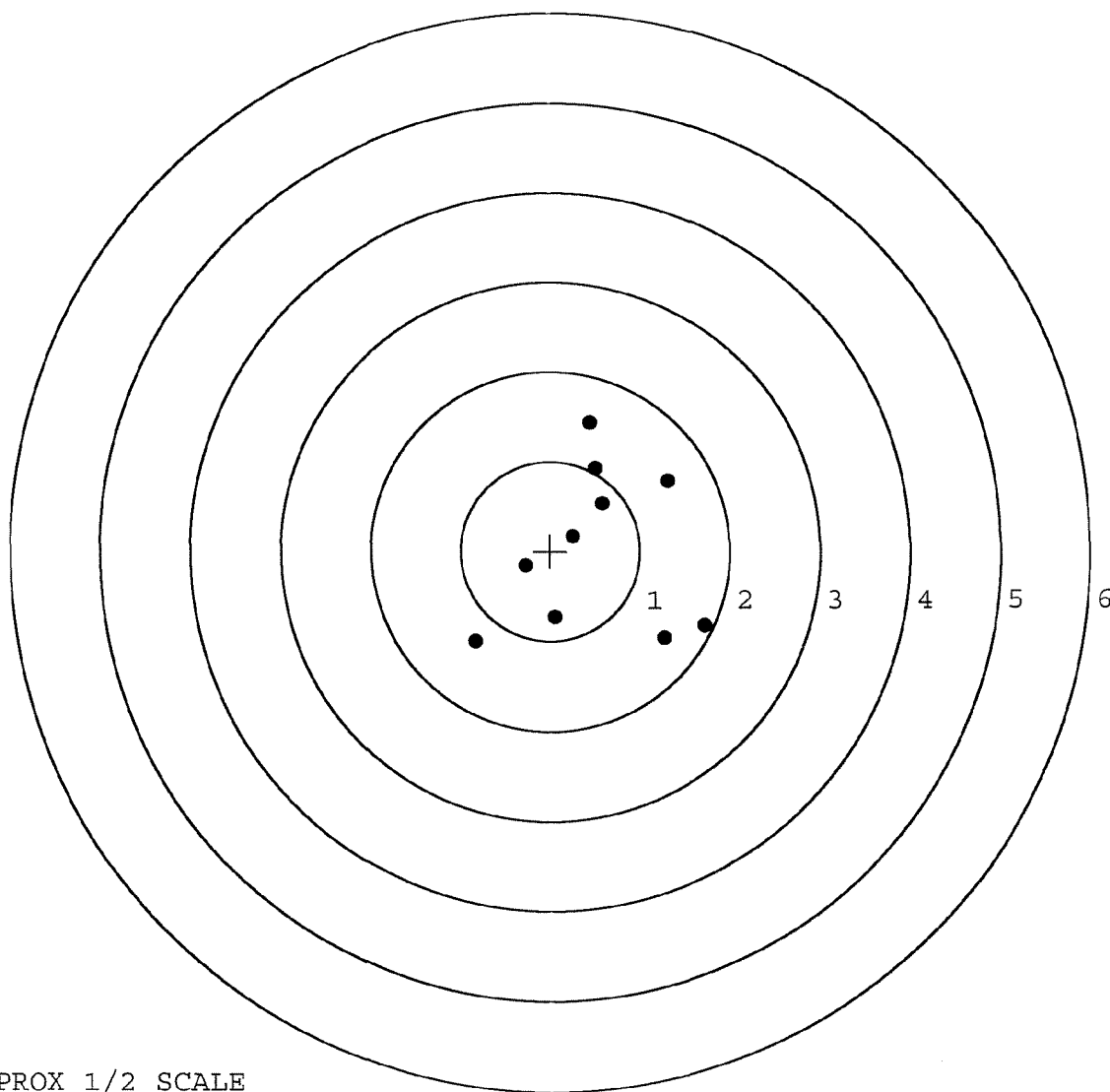
MEAN RADIUS: 1.036

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.452	1.429
2:	0.504	0.921
3:	0.592	0.530
4:	1.318	0.782
5:	1.273	-0.968
6:	1.719	-0.838
7:	0.264	0.166
8:	-0.279	-0.167
9:	0.056	-0.742
10:	-0.837	-1.008



TARGET APPROX 1/2 SCALE

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

MODEL 700™ H24

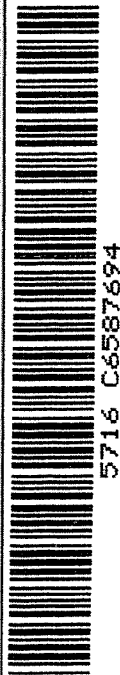
UPPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO. C6587694

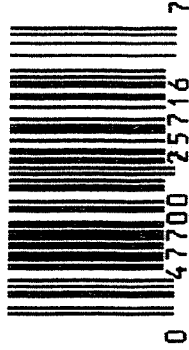
ORDER NO. 5716

01

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



UPC



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587694

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KA
600	Proof		10/18/90	KA
607	Check Headspace		10/18/90	KA
610	Dis-assemble Gun		10/18/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	LB
617	Drill and Tap Sight Holes		10/23/90	LB
618	Polish Barrel RB		10/24/90	LB
620	Apply Coatings (Barrel Action)		10/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-6-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-6-90	KS
	C) Inspect Ejector Hole for Chamfer		11-6-90	KS
	D) Oil Firing Pin Ass'y		11-6-90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.0	5 1/4	5.0			11/7/90	KS
	G) Safety Off Force	2.1/2	2.1/2	2.1/2			11/7/90	KS
	H) Trigger Pull Test & Retainability						11-8-90	JH
	I) Firing Pin Indent	.023	.023	.022			11/7/90	KS
	J) Assemble Stock						11/8/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/8/90	KS
	M) Iron Sight Alignment						11/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/8/90	KS
	O) Attach Scope to Rifle						11/8/90	KS
	P) Detach & Attach Scope 20 Times						11/8/90	KS
640	Gallery Target & Test						11/9/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11/9/90	NF
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	2.26	2.20	2.12	2.15	2.14	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/18/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6587694DATE 11-8-90TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.40	2.26	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.42	2.20	2.11	
PULL #3	2.45	2.50	2.33	2.12	
PULL #4	2.48	2.45	2.13	2.15	
PULL #5	2.37	2.40	2.23	2.14	
TOTAL	11.69	12.17	11.15		
AVG.	2.338	2.434	2.23		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.27		
PULL #2	3.34	3.43		
PULL #3	3.37	3.39		
PULL #4	3.34	3.39		
PULL #5	3.39	3.31		
TOTAL	16.83	16.75		
AVG.	3.366	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.36		4.37
PULL #2	4.18	4.23		4.35
PULL #3	4.28	4.28		4.42
PULL #4	4.17	4.47		4.30
PULL #5	4.20	4.41		4.43
TOTAL	21.03	21.75		21.87
AVG.	4.206	4.35		4.374

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587694
10 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.162265
1 TO	2	.0715052
1 TO	3	.322833
1 TO	4	.294308
1 TO	5	.210373

79 <----POA

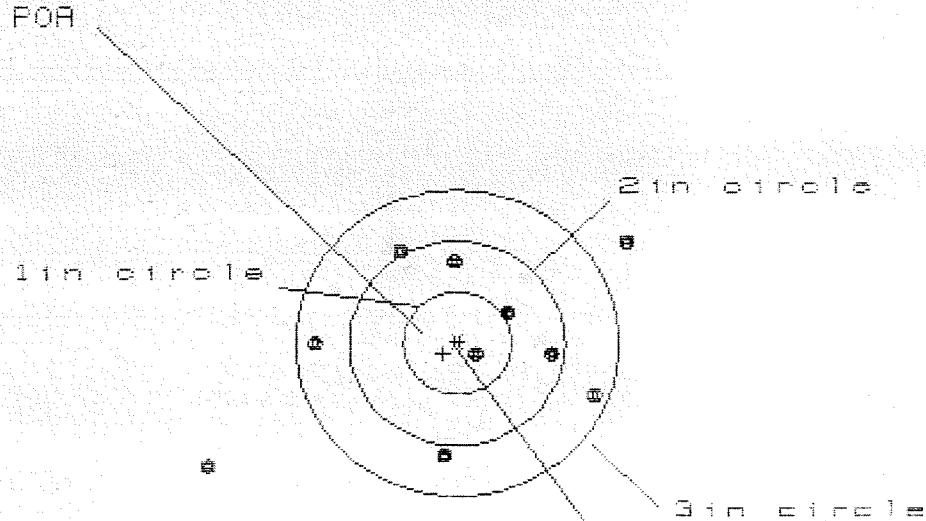
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0084
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00948262

THE AMR FOR THIS RIFLE IS: 1.014

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587694

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.813

VS = 2.122

GS = 4.364

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.524	1.270	1.180
MINIMUM X	-2.289	-1.597	-1.439
MAXIMUM Y	.964	.835	.829
MINIMUM Y	-1.158	-1.215	-1.110
CENTROID X	.127	.381	.223
CENTROID Y	.101	.230	.125
POA TO CENTROID in.	.162	.445	.255
MIN RADIUS	.197	.194	.122
MEAN RADIUS	1.168	.955	.892
MAX RADIUS	2.565	1.605	1.440
HORIZONTAL SPREAD	3.813	2.867	2.619
VERTICAL SPREAD	2.122	2.050	1.939
EXTREME SPREAD	4.364	3.035	2.666
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06582694

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.997

VS= 2.716

GS= 3.088

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.932	.904	.784
MINIMUM X	:	-1.065	-.961	-1.000
MAXIMUM Y	:	.942	.744	.790
MINIMUM Y	:	-1.774	-1.172	-1.126
CENTROID X	:	.079	-.024	.096
CENTROID Y	:	.048	.246	.200
POA TO CENTROID in.	:	.093	.247	.222
MIN RADIUS	:	.208	.429	.334
MEAN RADIUS	:	.968	.839	.795
MAX RADIUS	:	2.005	1.172	1.140
HORIZONTAL SPREAD	:	1.997	1.865	1.784
VERTICAL SPREAD	:	2.716	1.916	1.916
EXTREME SPREAD	:	3.088	2.003	2.003
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587894

CENTERFIRE PATTERNS # 3

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= 2.360

VS= 2.088

GS= 2.674

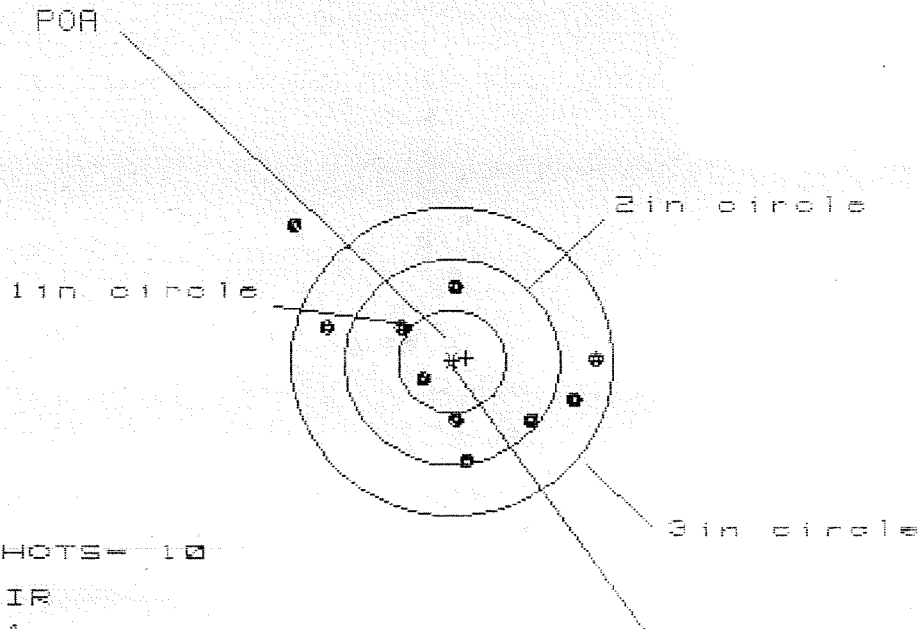
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.991
MINIMUM X	-1.369
MAXIMUM Y	1.308
MINIMUM Y	-1.780
CENTROID X	.052
CENTROID Y	-.213
POA TO CENTROID in.	.220
MIN RADIUS	.092
MEAN RADIUS	.876
MAX RADIUS	1.567
HORIZONTAL SPREAD	2.360
VERTICAL SPREAD	2.088
EXTREME SPREAD	2.674
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587694

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.782

VS = 2.278

GS = 3.131

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.293
MINIMUM X	-1.489
MAXIMUM Y	1.312
MINIMUM Y	-0.966
CENTROID X	-0.134
CENTROID Y	-0.035
POA TO CENTROID in.	.139
MIN RADIUS	.365
MEAN RADIUS	.983
MAX RADIUS	1.984
HORIZONTAL SPREAD	2.782
VERTICAL SPREAD	2.278
EXTREME SPREAD	3.131
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587694

CENTERFIRE PATTERNS

5

POB

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.309

VS = 3.012

GS = 3.073

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.366
MINIMUM X	-.943
MAXIMUM Y	1.230
MINIMUM Y	-1.782
CENTROID X	-.082
CENTROID Y	.077
POB TO CENTROID in.	.112
MIN RADIUS	.440
MEAN RADIUS	1.076
MAX RADIUS	1.922
HORIZONTAL SPREAD	2.309
VERTICAL SPREAD	3.012
EXTREME SPREAD	3.073
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8