

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

FPL:

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

magletj

4/3/2007

7:26 AM

CAPS

NUM

INS

SCRL

Serial:
Number:

C6587694

Model: M24 SWS



RE00127547

Remington.

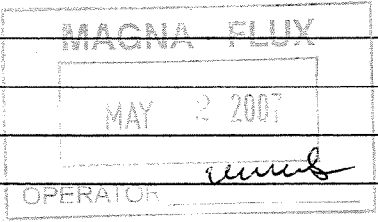
Factory Repair Instructions

(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> <u>ATTN: Ramon Velazquez</u>			
City: <u>FT. Leonard Wood</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 <u>127547</u>			
SERIAL NUMBER <u>C6582694</u>			
LOG-IN DATE <u>4-3-07</u>			
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	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.77 2.80 2.77 2.68 2.72 5-15-07	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 5.75 5.5 5.5 5-15-07	TRW
	G) SAFETY OFF FORCE	2 LBS BRILL 2.25 2.0 2.0 5-15-07	TRW
	I) FIRING PIN INDENT	.020 .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

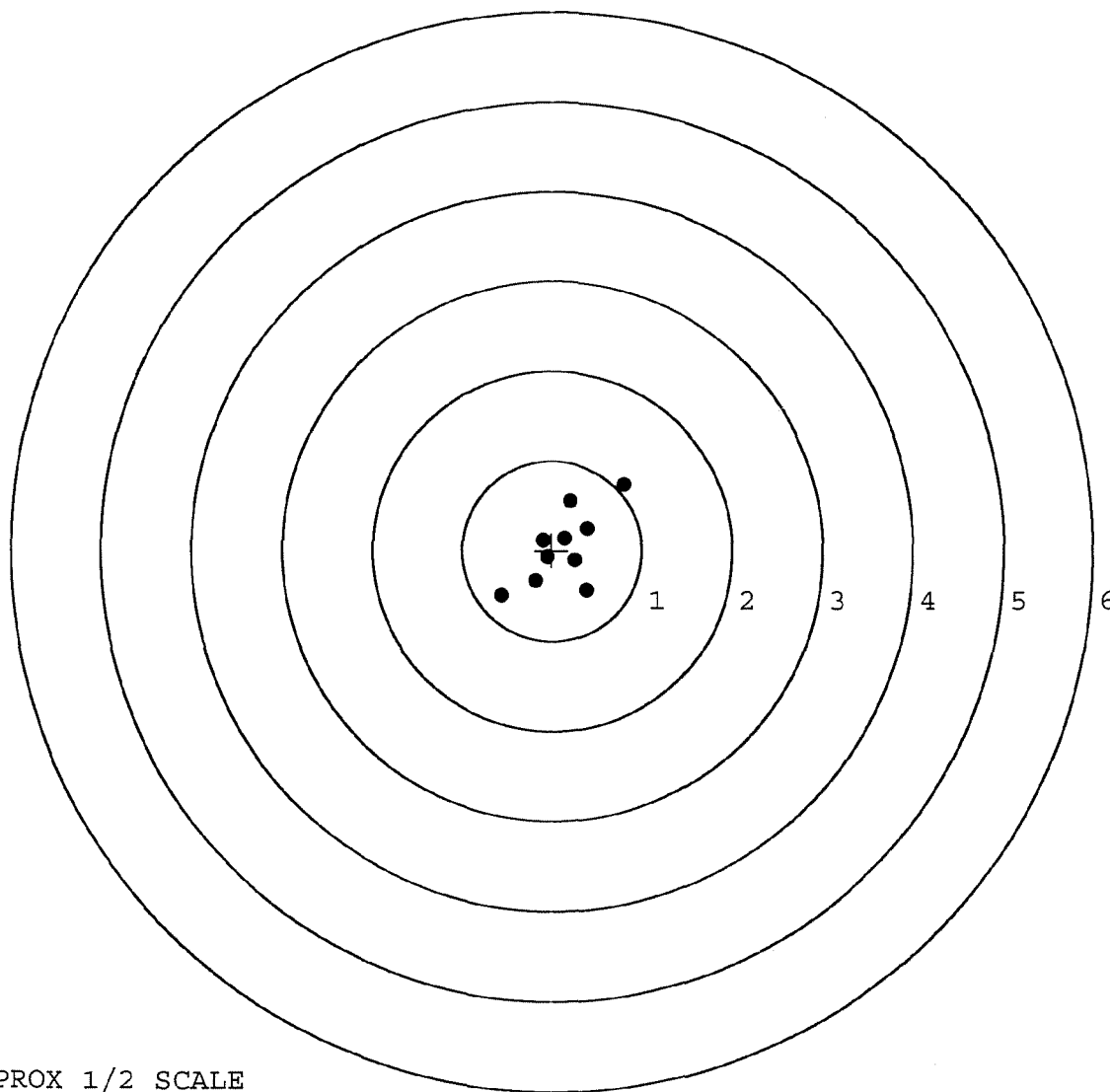
MEAN RADIUS: 0.449

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

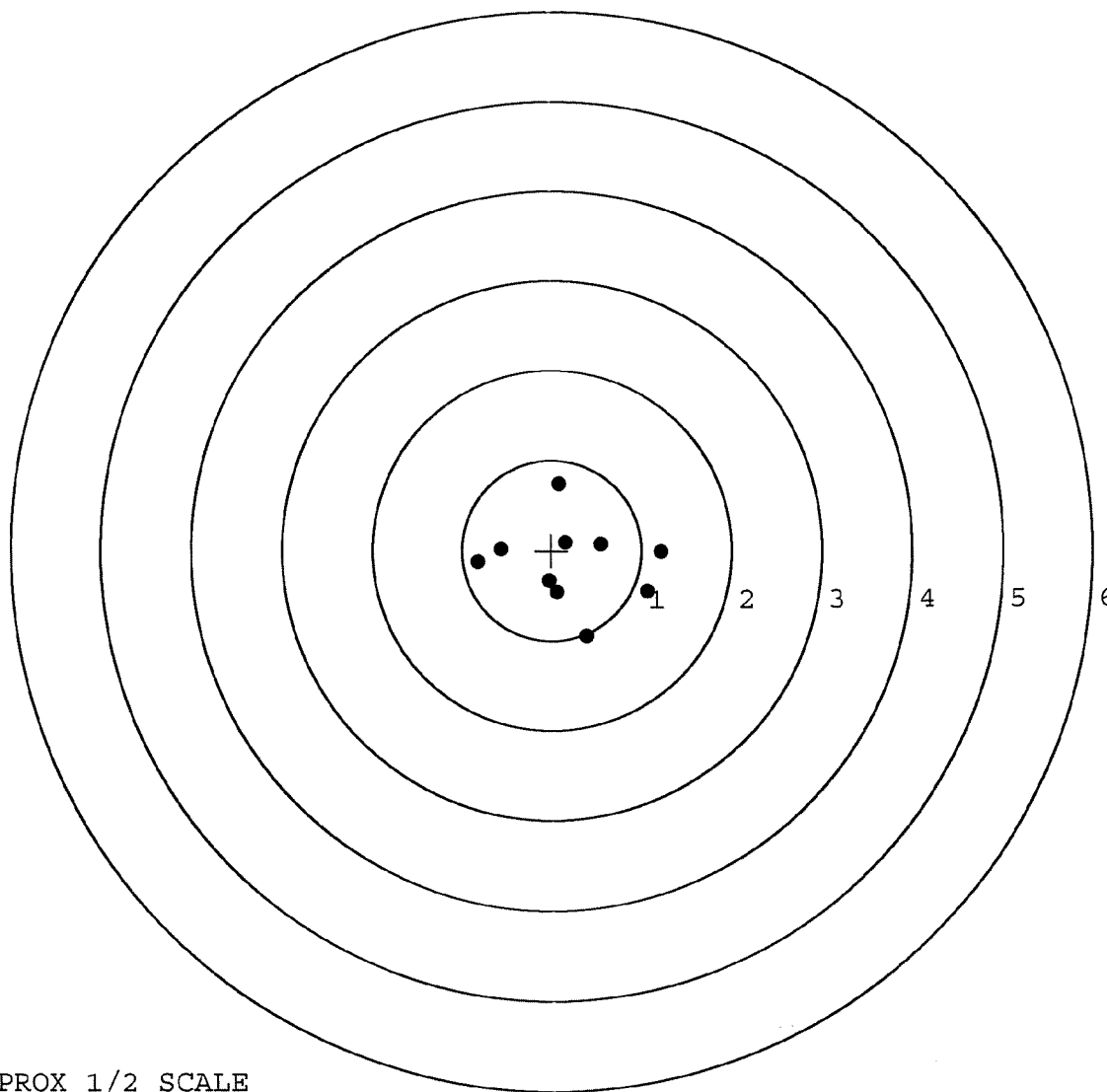


TARGET APPROX 1/2 SCALE

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

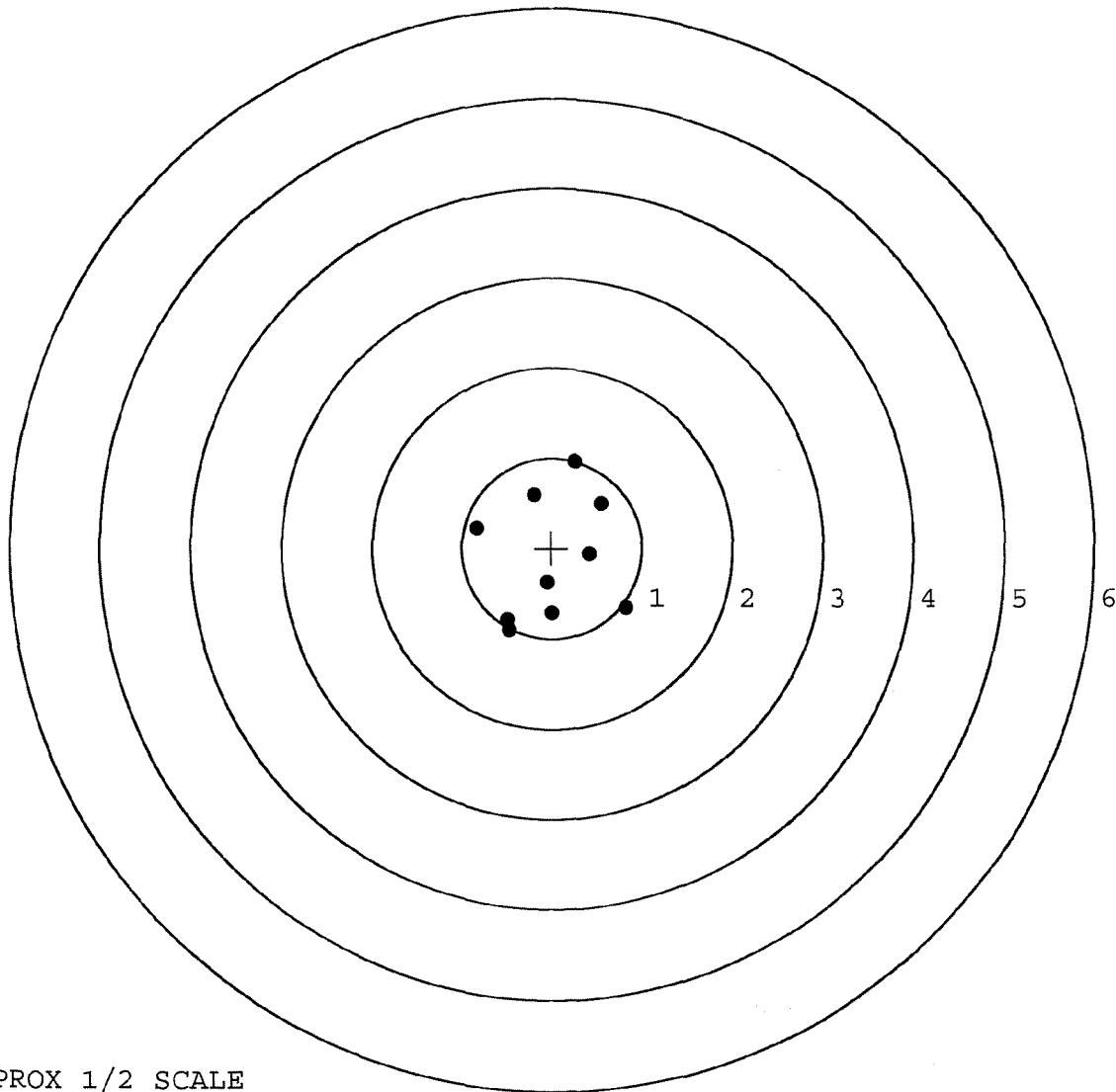


TARGET APPROX 1/2 SCALE

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

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

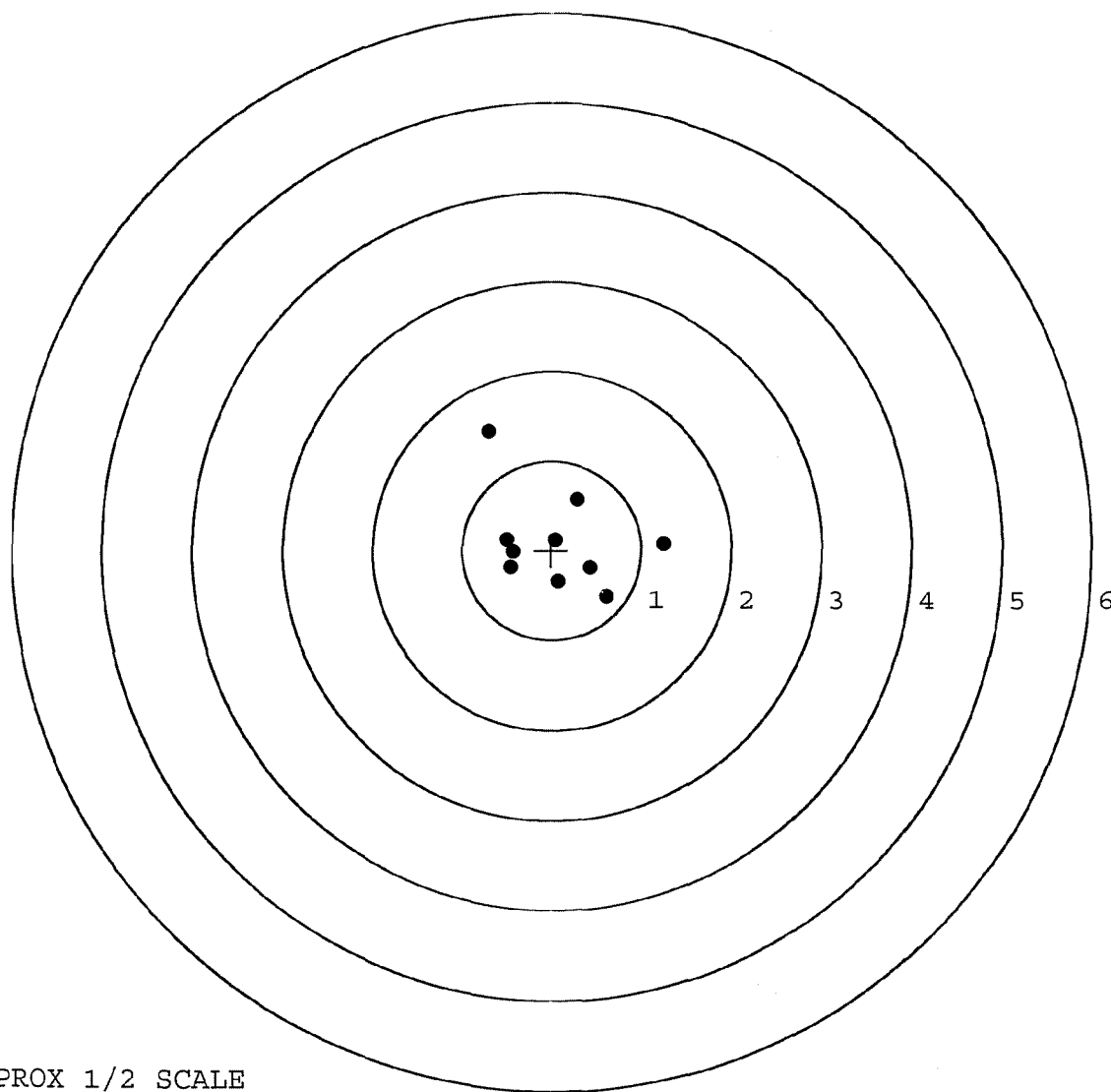
MEAN RADIUS: 0.661

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

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

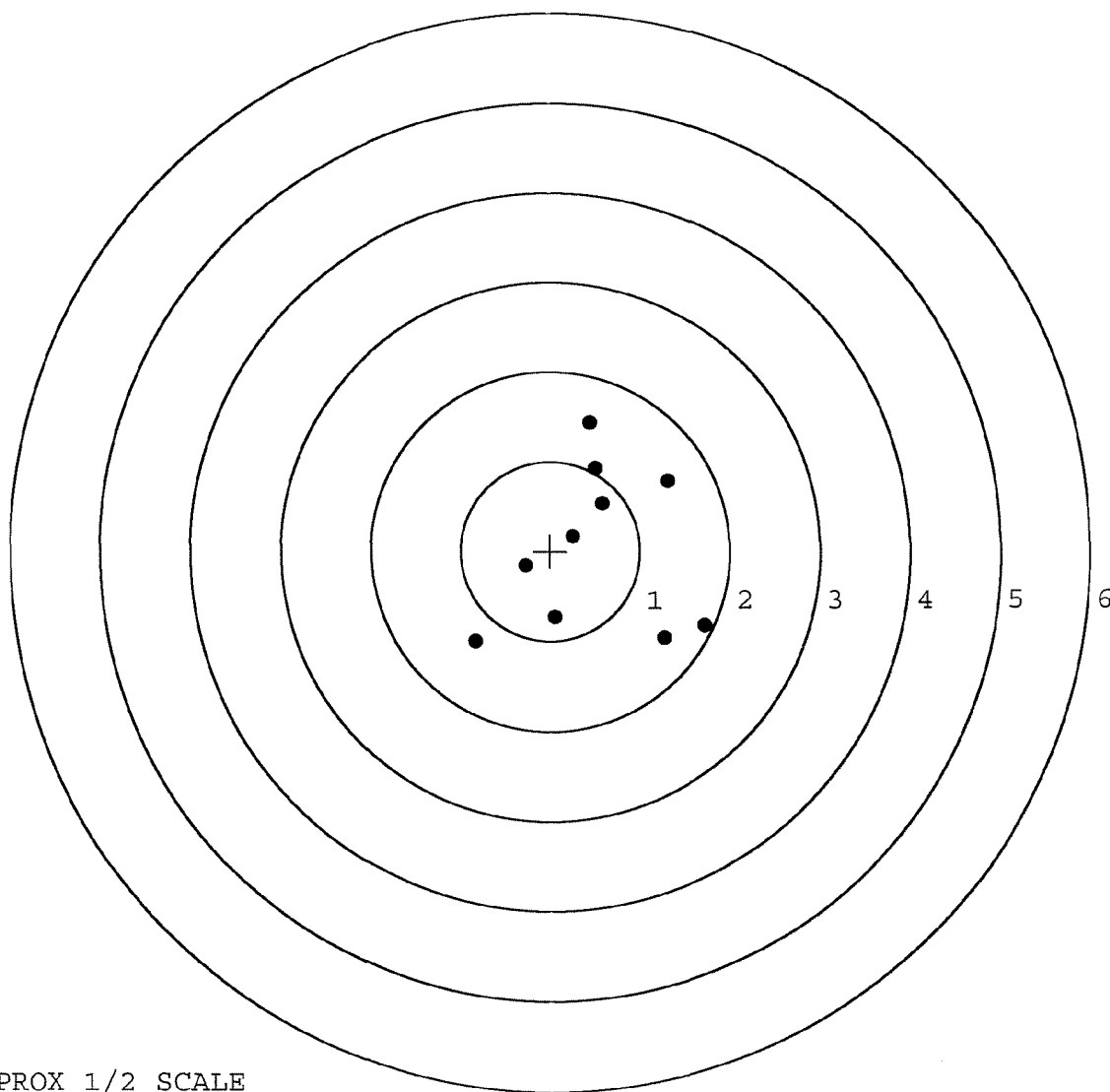


TARGET APPROX 1/2 SCALE

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

SERIAL NO.
C6587694

ORDER NO.
5716

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

01



5716 C6587694

UPC



0 47700 25716 7

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

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587694
DATE 11-8-90
TESTER 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

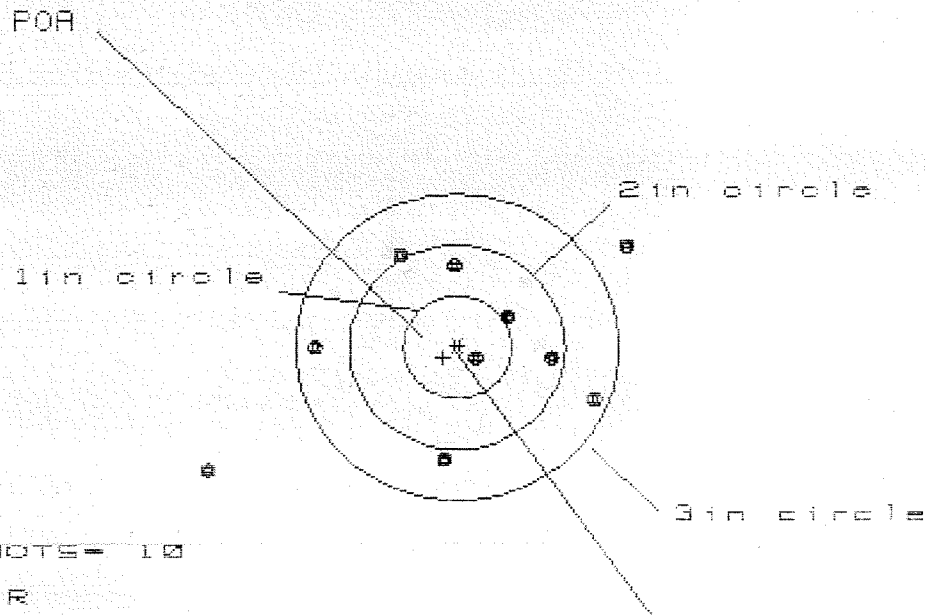
79 <----POA

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

1in = 1

2in = 4

3in = 8

HS = 3.813

VS = 2.122

GS = 4.364

CENTROID *

PATTERN #	:	1		
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/C8587894

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

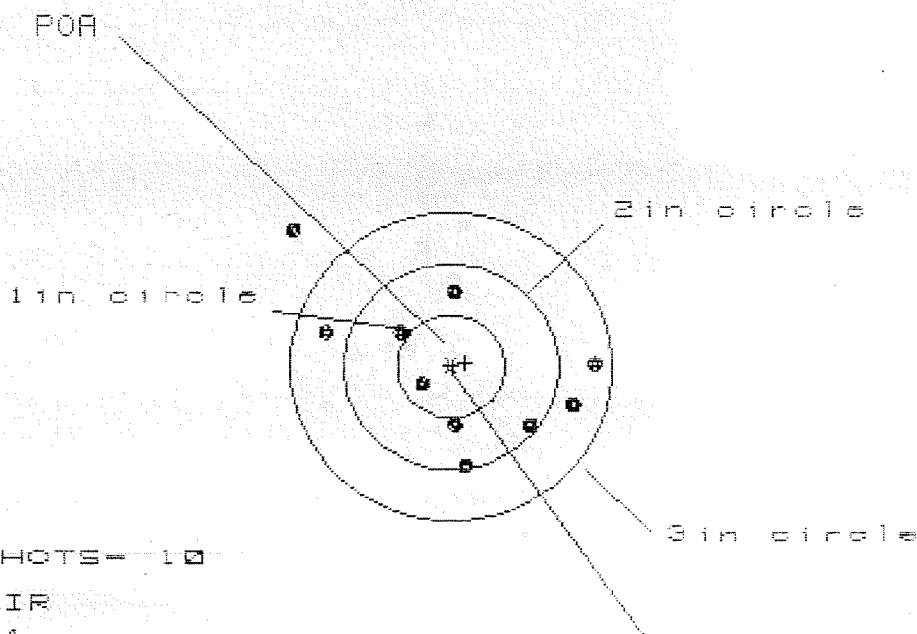
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	.855	.698
MINIMUM X	:	-1.369	-1.259	-1.012
MAXIMUM Y	:	1.308	1.443	1.455
MINIMUM Y	:	-.780	-.645	-.633
CENTROID X	:	.052	-.058	.099
CENTROID Y	:	-.213	-.348	-.360
POA TO CENTROID in.	:	.220	.353	.373
MIN RADIUS	:	.092	.159	.064
MEAN RADIUS	:	.876	.764	.683
MAX RADIUS	:	1.567	1.452	1.455
HORIZONTAL SPREAD	:	2.360	2.114	1.710
VERTICAL SPREAD	:	2.088	2.088	2.088
EXTREME SPREAD	:	2.674	2.238	2.202
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

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.293	1.128	1.120
MINIMUM X	-1.489	-1.302	-1.161
MAXIMUM Y	1.312	.836	.857
MINIMUM Y	-.966	-.821	-.800
CENTROID X	-.134	.031	-.110
CENTROID Y	-.035	-.180	-.200
POA TO CENTROID in.	.139	.183	.229
MIN RADIUS	.365	.477	.335
MEAN RADIUS	.983	.855	.799
MAX RADIUS	1.984	1.377	1.252
HORIZONTAL SPREAD	2.782	2.430	2.281
VERTICAL SPREAD	2.278	1.657	1.657
EXTREME SPREAD	3.131	2.447	2.382
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

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.309

VS = 3.012

GS = 3.073

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	1.446	.951
MINIMUM X	:	-.943	-.863	-.682
MAXIMUM Y	:	1.230	1.032	1.111
MINIMUM Y	:	-1.782	-1.295	-1.216
CENTROID X	:	-.082	-.162	-.343
CENTROID Y	:	.077	.275	.196
POA TO CENTROID in.	:	.112	.319	.395
MIN RADIUS	:	.440	.405	.209
MEAN RADIUS	:	1.076	.942	.818
MAX RADIUS	:	1.922	1.576	1.289
HORIZONTAL SPREAD	:	2.309	2.309	1.533
VERTICAL SPREAD	:	3.012	2.327	2.327
EXTREME SPREAD	:	3.073	2.650	2.396
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	