

C5611440

MODEL 700™ M24

Model SMS

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00092929** Serial: C6611440 Model: M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 06/19/1991 Repairman: Status: Closed 2/10/2005 1:13:54 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Good Condition Notes: CSP Notes:

Accessories Received

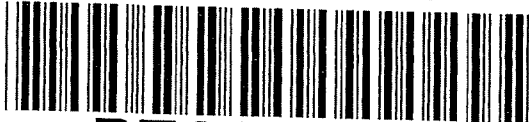
Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A025	Scope	1
A037	Fit and Rear Sgt Base	1

Repair Search Refresh Close

start 5 2 3 Arms Services

Serial Number: **C6611440**

Model: **M24 SWS**



RE00092929

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611440.___0
FILE DATE AND TIME: 05/24/2005 08:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.817
The Distance from POA to Centroid Target #1:	0.335
The Distance from Centroid Target #2 to Centroid Target #1:	0.462
The Distance from Centroid Target #3 to Centroid Target #1:	0.660
The Distance from Centroid Target #4 to Centroid Target #1:	0.363
The Distance from Centroid Target #5 to Centroid Target #1:	0.208

SERIAL NUMBER: C6611440. 0

TARGET NUMBER: 1

FILE DATE: 05/24/2005

FILE TIME: 08:13

X CENTROID: -0.332

Y CENTROID: -0.047

POA TO CENTROID: 0.335

HORZ SPREAD: 3.298

VERT SPREAD: 1.541

GROUP SPREAD: 3.589

MIN RADIUS: 0.634

MAX RADIUS: 1.943

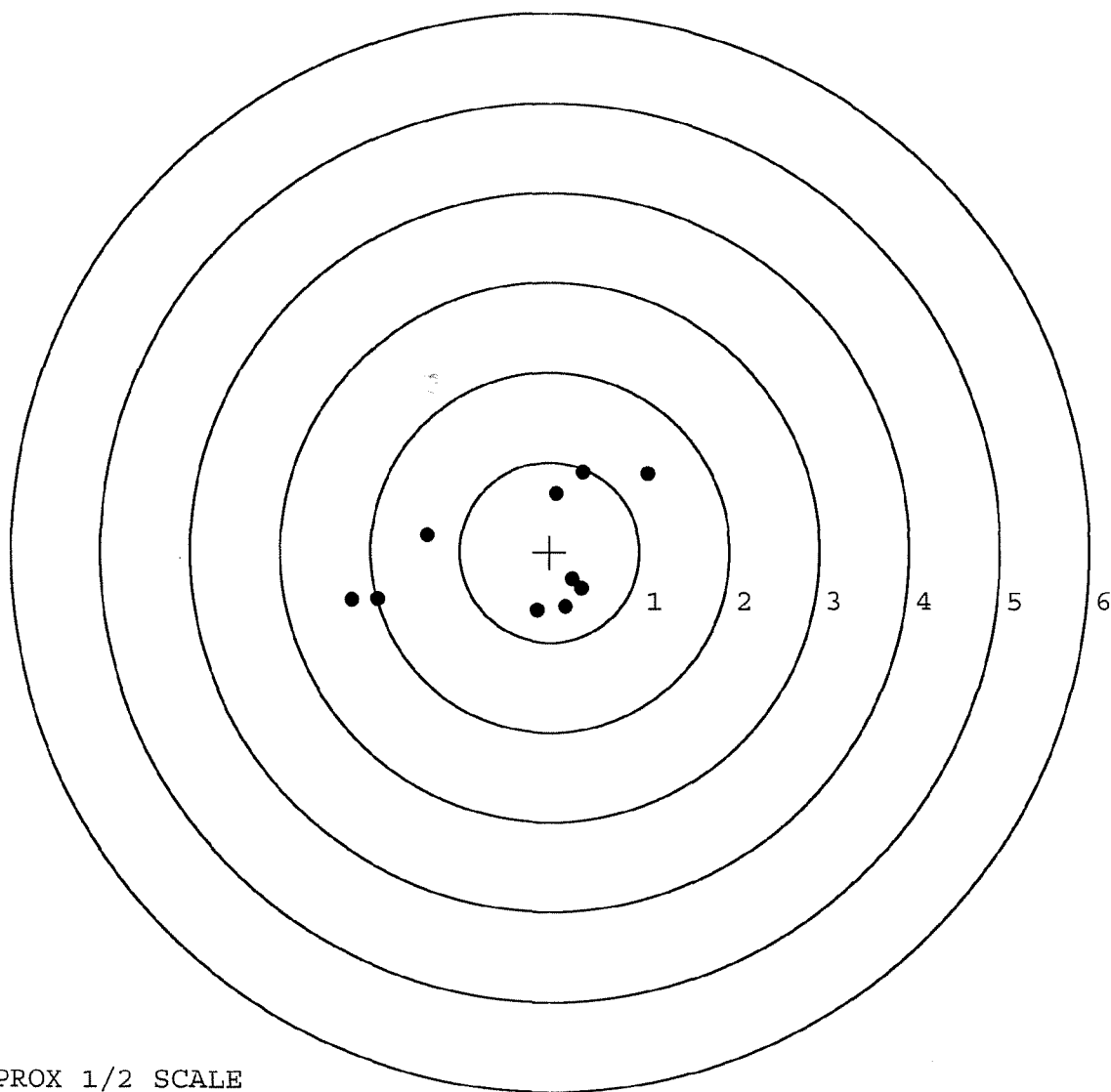
MEAN RADIUS: 1.114

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.358	-0.412
2:	0.259	-0.304
3:	0.177	-0.609
4:	-0.146	-0.653
5:	0.071	0.653
6:	0.369	0.888
7:	1.089	0.867
8:	-1.362	0.185
9:	-1.922	-0.537
10:	-2.209	-0.549



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611440. 0

TARGET NUMBER: 2

FILE DATE: 05/24/2005

FILE TIME: 08:13

X CENTROID: 0.127

Y CENTROID: 0.011

POA TO CENTROID: 0.127

HORZ SPREAD: 1.240

VERT SPREAD: 1.831

GROUP SPREAD: 2.070

MIN RADIUS: 0.276

MAX RADIUS: 1.116

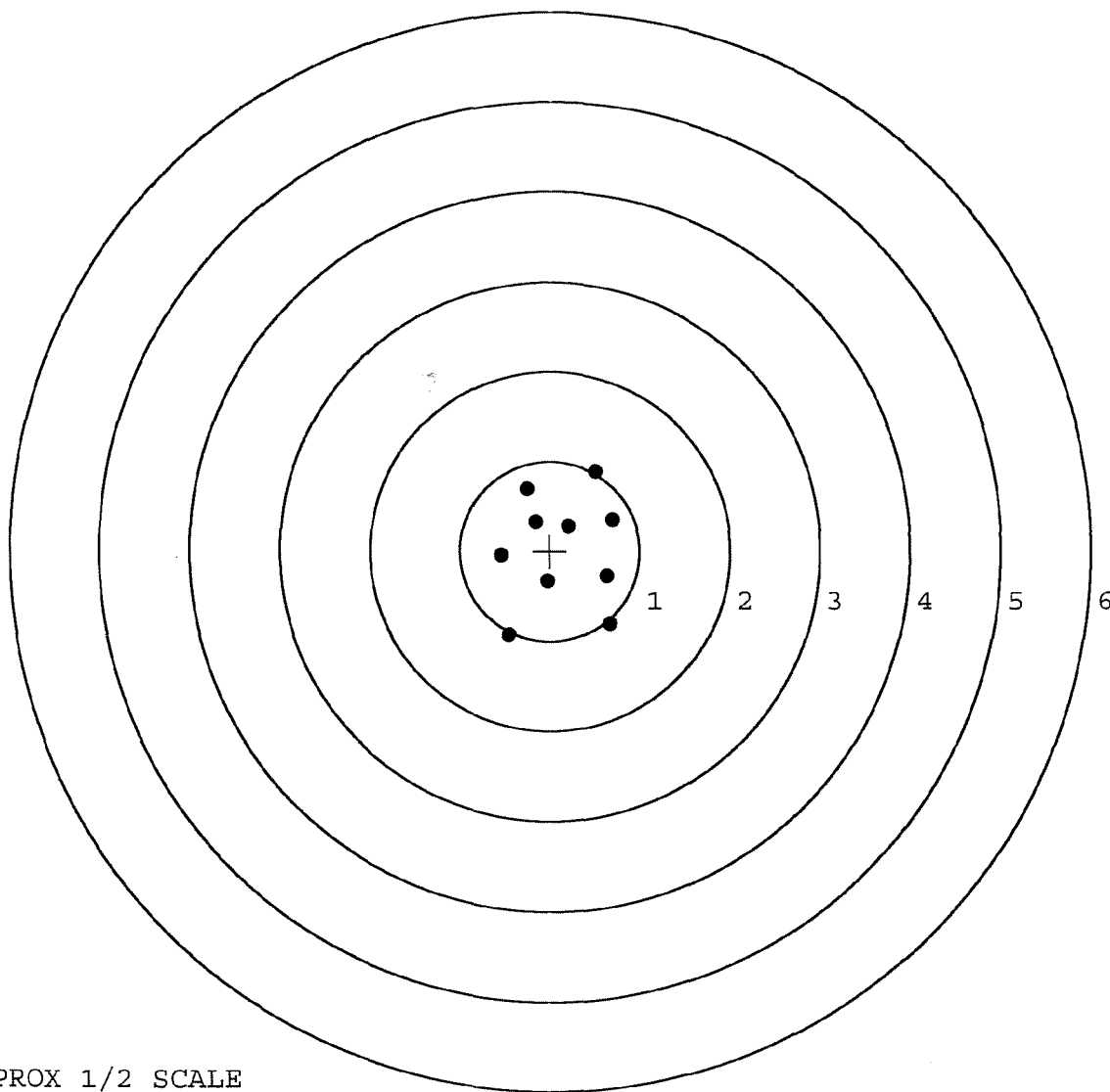
MEAN RADIUS: 0.685

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.672	-0.811
2:	0.638	-0.280
3:	0.699	0.347
4:	0.507	0.892
5:	0.201	0.277
6:	-0.030	-0.340
7:	-0.458	-0.939
8:	-0.541	-0.047
9:	-0.166	0.322
10:	-0.254	0.691

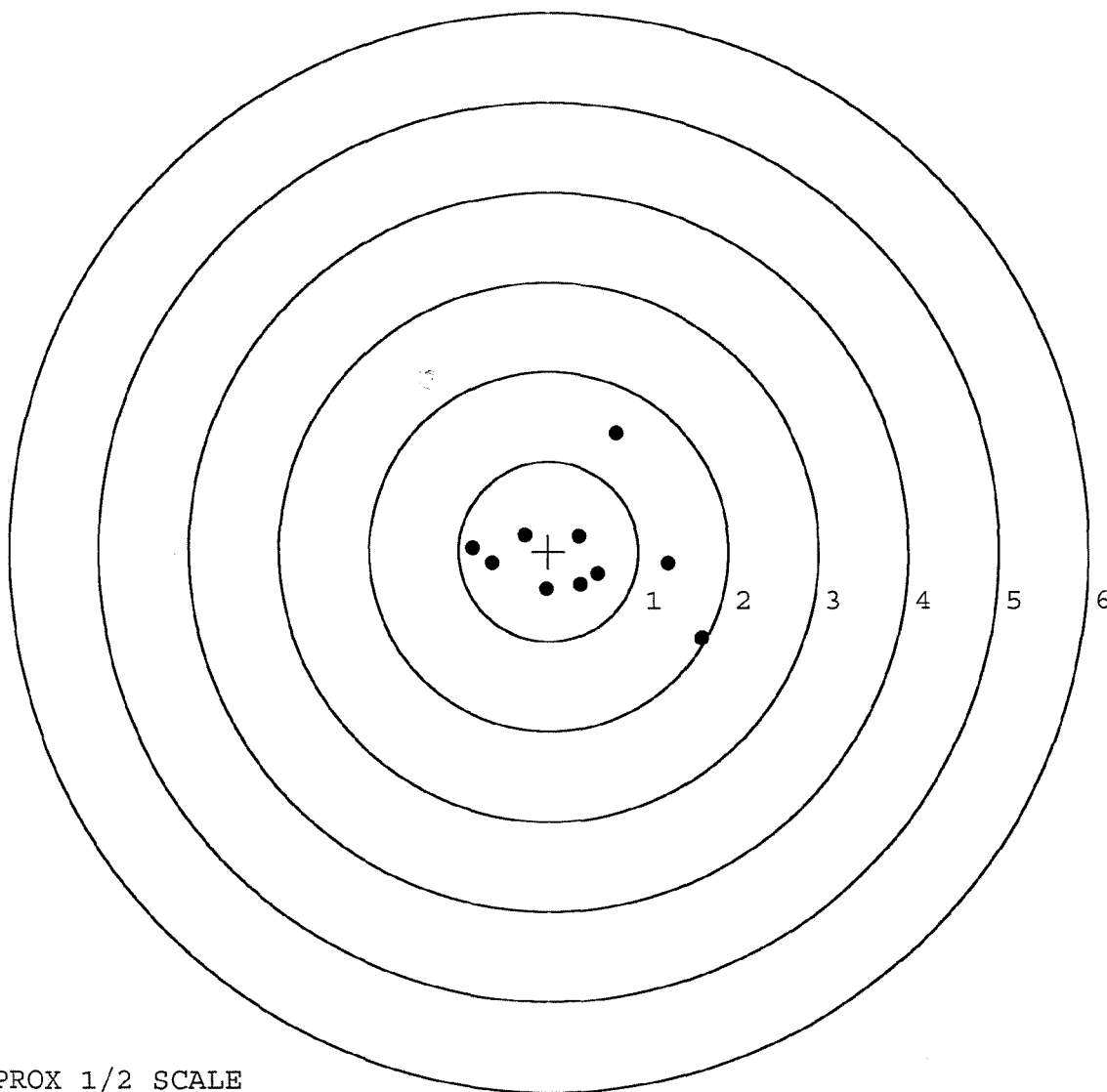


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611440. __0
TARGET NUMBER: 3
FILE DATE: 05/24/2005
FILE TIME: 08:13

X CENTROID: 0.328
Y CENTROID: -0.057
POA TO CENTROID: 0.333
HORZ SPREAD: 2.546
VERT SPREAD: 2.280
GROUP SPREAD: 2.740
MIN RADIUS: 0.235
MAX RADIUS: 1.652
MEAN RADIUS: 0.822
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.705	-0.970
2:	1.330	-0.139
3:	0.754	1.310
4:	0.343	0.178
5:	0.551	-0.253
6:	0.358	-0.368
7:	-0.029	-0.425
8:	-0.264	0.183
9:	-0.627	-0.128
10:	-0.841	0.043



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611440. 0

TARGET NUMBER: 4

FILE DATE: 05/24/2005

FILE TIME: 08:13

X CENTROID: 0.021

Y CENTROID: -0.134

POA TO CENTROID: 0.136

HORZ SPREAD: 1.642

VERT SPREAD: 2.122

GROUP SPREAD: 2.480

MIN RADIUS: 0.118

MAX RADIUS: 1.525

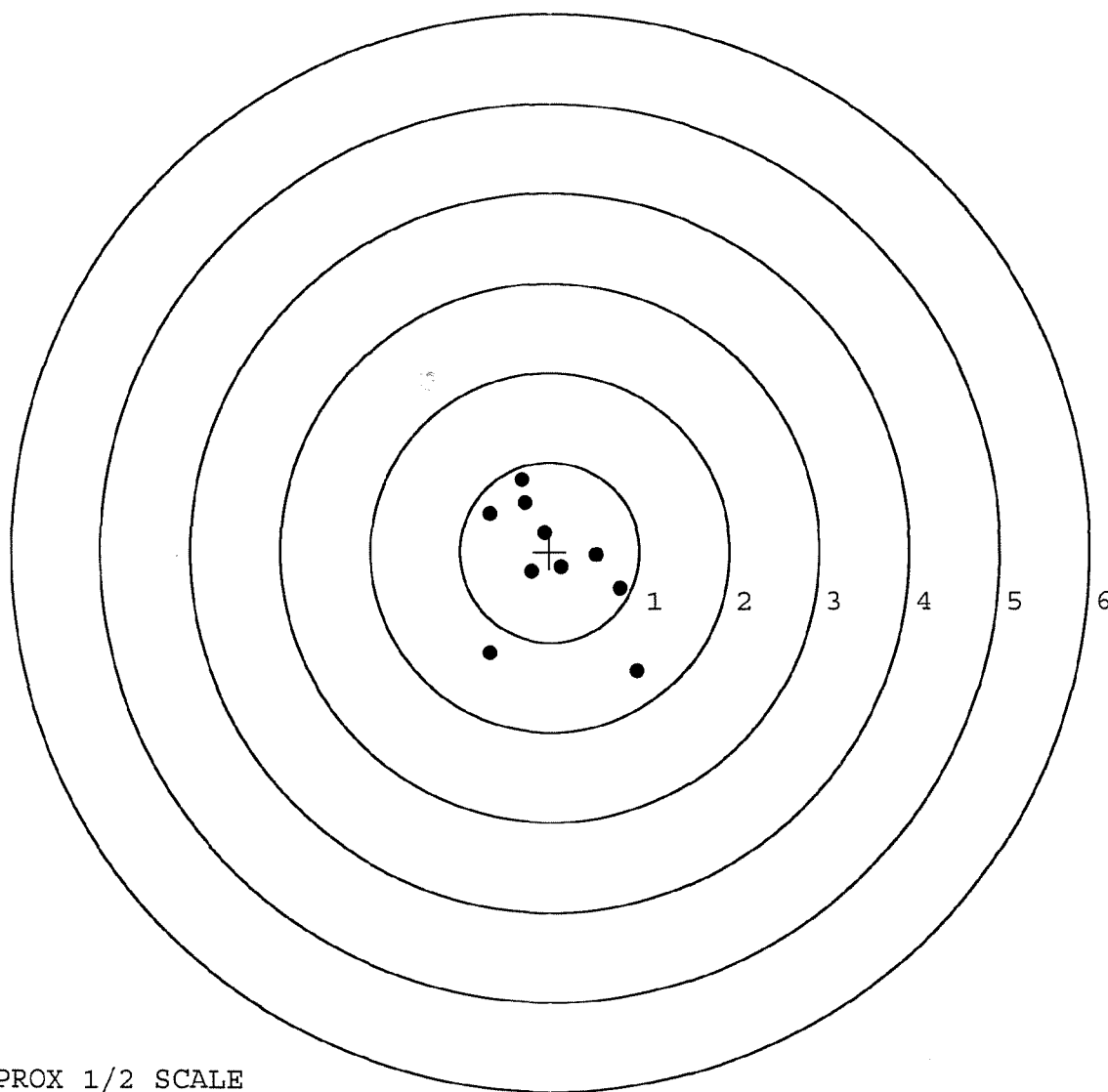
MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.969	-1.328
2:	0.785	-0.410
3:	0.524	-0.037
4:	0.132	-0.173
5:	-0.203	-0.222
6:	-0.059	0.213
7:	-0.285	0.536
8:	-0.315	0.794
9:	-0.673	0.414
10:	-0.669	-1.129



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611440. 0

TARGET NUMBER: 5

FILE DATE: 05/24/2005

FILE TIME: 08:13

X CENTROID: -0.157

Y CENTROID: -0.159

POA TO CENTROID: 0.224

HORZ SPREAD: 1.346

VERT SPREAD: 2.149

GROUP SPREAD: 2.209

MIN RADIUS: 0.297

MAX RADIUS: 1.368

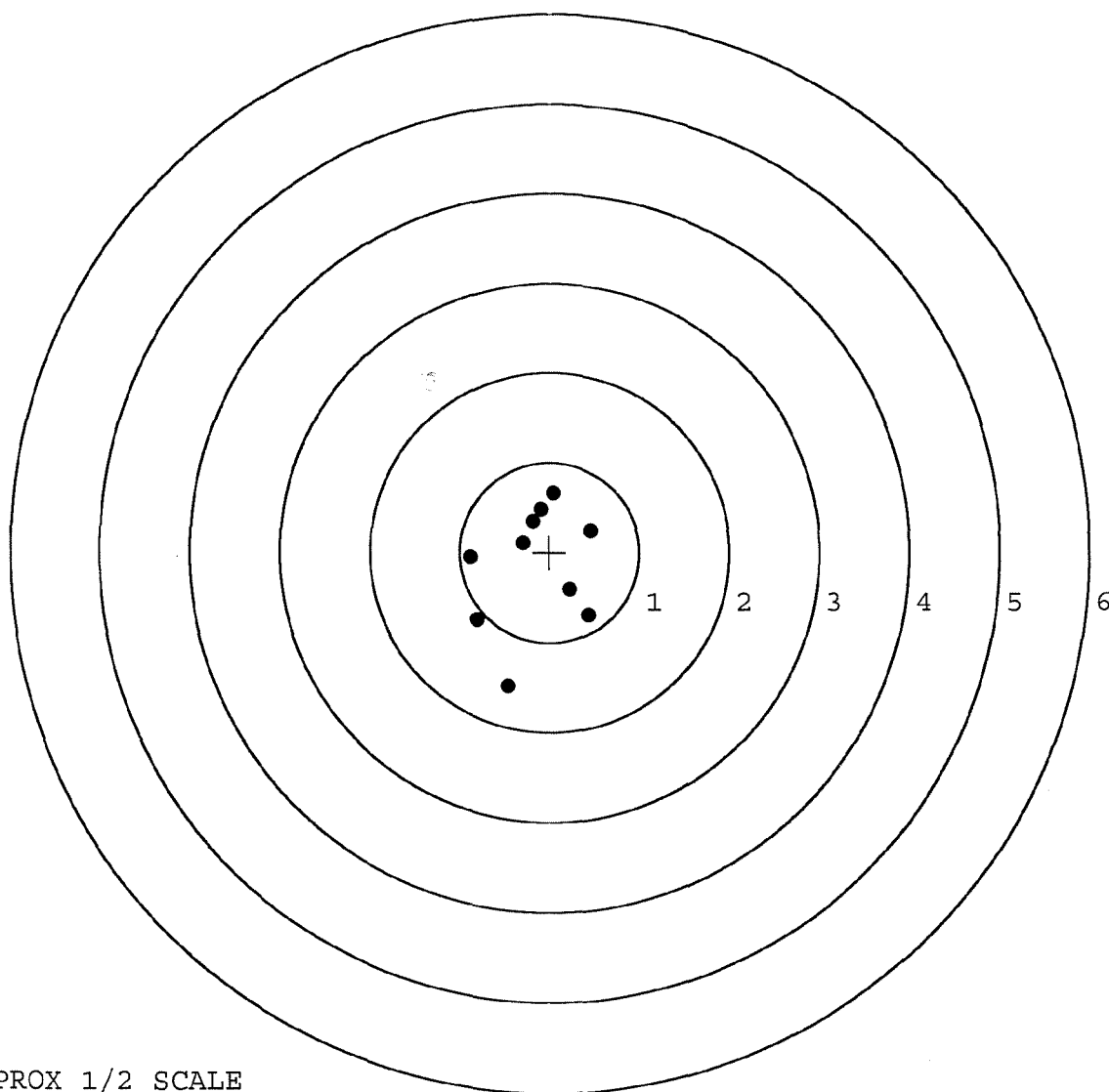
MEAN RADIUS: 0.727

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.434	-0.699
2:	0.231	-0.416
3:	0.465	0.245
4:	-0.466	-1.492
5:	-0.812	-0.748
6:	-0.881	-0.066
7:	0.044	0.657
8:	-0.102	0.480
9:	-0.188	0.341
10:	-0.294	0.104



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS:

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 4-22-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.27	2.44		2.23	
PULL #2	2.55	2.54		2.17	
PULL #3	2.44	2.77		2.29	
PULL #4	2.32	2.36		2.16	
PULL #5	2.59	2.27		2.18	
TOTAL	12.17	12.38		11.03	
AVERAGE	2.43	2.47		2.20	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.21		
PULL #2	3.24	3.14		
PULL #3	3.25	3.13		
PULL #4	3.09	3.09		
PULL #5	3.23	3.12		
TOTAL	15.84	15.69		
AVERAGE	3.16	3.13		

	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	4.32	4.24		4.50
PULL #2	4.20	4.17		4.42
PULL #3	4.14	4.18		4.39
PULL #4	4.23	4.05		4.41
PULL #5	4.27	4.23		4.45
TOTAL	21.16	20.87		22.17
AVERAGE	4.23	4.17		4.43

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92929		
SERIAL NUMBER	C6611440		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-25-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	A
605	CHECK HEADSPACE	5-4-05	A
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	CR
625 A	FINAL ASSEMBLY	5-23-05	RTZ
B	TRIGGER PULL TEST	5-24-05	AC
C	SAFETY "ON" FORCE	5-24-05	AC
D	SAFETY "OFF" FORCE	5-24-05	AC
E	FIRING PIN INDENT	5-24-05	AC
640	TARGET	5-24-05	AC
655	FINAL INSPECT	5-24-05	AC
660	PACK	7-6-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington



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

MODEL 700™ M24

SERIAL NO.
C6611440

ORDER NO.
5716

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

20



5716 C6611440

UPC



0 47700 25716 7

repaired stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611440

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	K.R.
	Magnaflux Bolt		"	K.R.
615	Rollmark Caliber		"	G.L.
617	Drill and Tap Sight Holes	APR	3 1991	L.B.
618	Polish Barrel	APR	3 1991	W.B.
620	Apply Coatings (Barrel Action)		4-19-91	AA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/1/91	K.S.
	D) Oil Firing Pin Ass'y		5/1/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	D.H.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-10-91	D/H
	G) Safety Off Force	4	3	3			5-10-91	D/H
	H) Trigger Pull Test & Retainability						5-10-91	D/H
	I) Firing Pin Indent	1.020	1.020	1.020			5-10-91	D/H
	J) Assemble Stock						5/10/91	KS
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/10/91	KS
	M) Iron Sight Alignment						5/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/10/91	KS
	O) Attach Scope to Rifle						5/10/91	KS
	P) Detach & Attach Scope 20 Times						5/10/91	KS
640	Gallery Target & Test						5/14/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						5/14/91	KJ
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	2.42	2.36	2.19	2.37	2.42	5/21/91	KJ
	C) Function						5-21-91	D/H
660	Pack						6-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. CCG11440
DATE 5-10-91
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.35	2.56	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.51	2.59	2.36	
PULL #3	2.45	2.45	2.56	2.19	
PULL #4	2.47	2.45	2.57	2.37	
PULL #5	2.34	2.43	2.57	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.10		
PULL #2	3.13	3.17		
PULL #3	3.00	3.11		
PULL #4	3.06	3.15		
PULL #5	3.02	3.12		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.09		4.05
PULL #2	4.30	4.08		4.24
PULL #3	4.21	4.08		4.18
PULL #4	4.19	4.01		4.19
PULL #5	4.27	4.04		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611440
14 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0752928
1 TO	2	.198648
1 TO	3	.199424
1 TO	4	.184043
1 TO	5	.303389

✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0896
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0734
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115826
THE AMP FOR THIS RIFLE IS: 1.001

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611440

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.216

VS= 2.172

GS= 2.658

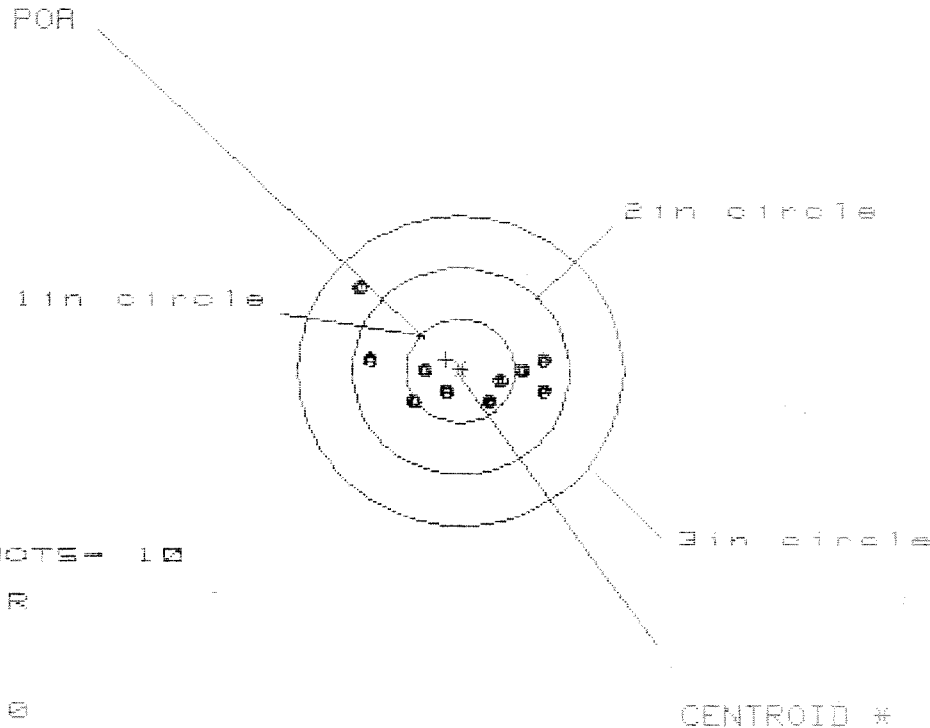
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.187	1.282	.890
MINIMUM X	-1.029	-.934	-.774
MAXIMUM Y	1.463	.709	.695
MINIMUM Y	-.709	-.546	-.560
CENTROID X	.038	-.057	-.217
CENTROID Y	.065	-.098	-.084
POA TO CENTROID in.	.075	.113	.233
MIN RADIUS	.429	.508	.453
MEAN RADIUS	.873	.760	.672
MAX RADIUS	1.695	1.287	.956
HORIZONTAL SPREAD	2.216	2.216	1.664
VERTICAL SPREAD	2.172	1.255	1.255
EXTREME SPREAD	2.658	2.220	1.666
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C06611440

CENTERFIRE PATTERNS # 2



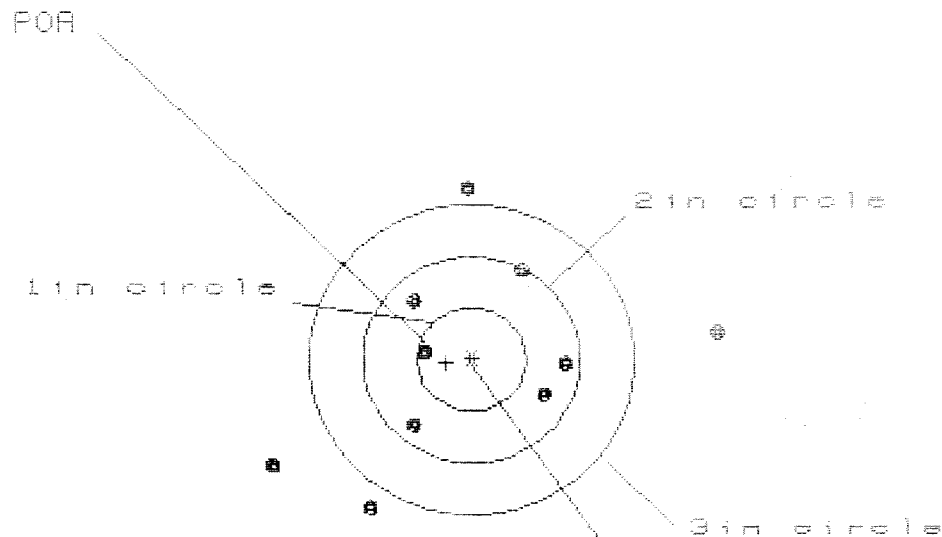
OF SHOTS - 10
 # IN CIR
 1in = 4
 2in = 9
 3in = 10
 HS = 1.703
 VS = 1.130
 GS = 1.988

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.741	.634	.522
MINIMUM X	:	-.962	-.891	-.696
MAXIMUM Y	:	.821	.238	.264
MINIMUM Y	:	-.309	-.218	-.192
CENTROID X	:	.132	.239	.350
CENTROID Y	:	-.110	-.201	-.227
POA TO CENTROID in.	:	.172	.312	.418
MIN RADIUS	:	.214	.222	.162
MEAN RADIUS	:	.607	.506	.435
MAX RADIUS	:	1.265	.915	.714
HORIZONTAL SPREAD	:	1.703	1.525	1.218
VERTICAL SPREAD	:	1.130	.456	.456
EXTREME SPREAD	:	1.988	1.557	1.290
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11440

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 4.145

VS= 3.024

GS= 4.356

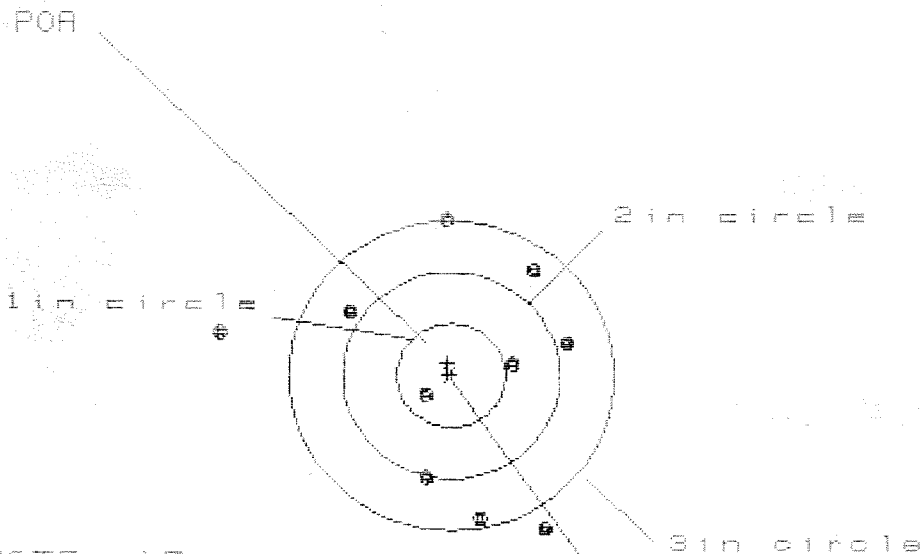
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.274	1.087	.884
MINIMUM X	-1.871	-1.618	-.849
MAXIMUM Y	1.630	1.665	1.542
MINIMUM Y	-1.394	-1.359	-1.482
CENTROID X	.235	-.018	.184
CENTROID Y	.034	-.001	.122
POA TO CENTROID in.	.237	.018	.221
MIN RADIUS	.467	.242	.407
MEAN RADIUS	1.239	1.102	.989
MAX RADIUS	2.296	1.897	1.708
HORIZONTAL SPREAD	4.145	2.705	1.733
VERTICAL SPREAD	3.024	3.024	3.024
EXTREME SPREAD	4.356	3.233	3.147
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611440

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.187

VS= 3.007

GS= 3.509

CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.090	.857	.936
MINIMUM X	-2.097	-1.147	-1.068
MAXIMUM Y	1.526	1.571	1.391
MINIMUM Y	-1.481	-1.436	-1.535
CENTROID X	.034	.267	.188
CENTROID Y	-.119	-.164	.016
POA TO CENTROID in.	.123	.313	.189
MIN RADIUS	.300	.369	.422
MEAN RADIUS	1.222	1.100	1.033
MAX RADIUS	2.136	1.593	1.538
HORIZONTAL SPREAD	3.187	2.004	2.004
VERTICAL SPREAD	3.007	3.007	2.926
EXTREME SPREAD	3.509	3.137	2.940
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		7	

14 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611440

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.197

VS = 2.777

GS = 2.903

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.312	1.346	1.239
MINIMUM X	-.885	-.851	-.941
MAXIMUM Y	1.619	1.561	1.348
MINIMUM Y	-1.157	-.978	-.782
CENTROID X	.009	-.025	.002
CENTROID Y	-.237	-.416	-.612
POB TO CENTROID in.	.237	.417	.617
MIN RADIUS	.324	.173	.049
MEAN RADIUS	1.062	.941	.803
MAX RADIUS	1.647	1.778	1.491
HORIZONTAL SPREAD	2.197	2.197	2.180
VERTICAL SPREAD	2.777	2.539	2.130
EXTREME SPREAD	2.903	2.903	2.400
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	