

C6587654

MODEL 700TM M24

Model SMS

TM

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 CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00094570** Serial: C6537654 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/14/2005 2:22:25 PM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☒ Received From

Name: **DEPT OF ARMY TRANSPORTATION OFFICER** **DEPT OF ARMY TRANSPORTATION OFFICER**

Address 1: **BLDG 5464** **BLDG 5464**

Address 2: **DUGWAY PROVING GROUND** PO Box: **DUGWAY PROVING GROUND** PO Box:

City: **DUGWAY** **DUGWAY**

State: **UT** Zip Code: **84022** Country: **US** State: **UT** Zip Code: **84022** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search **Refresh** **Close**

logletj 3/14/2005 3:32 PM CAPS NUM IIS SCPL

start 2 ARMS 2

Serial Number: **C6587654**

Model: **M24 SWS**



RE00094570

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587654.__0
FILE DATE AND TIME: 03/23/2005 09:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.089
The Average Y Centroid of the Five Target Set:	-0.160
The Average Point of Impact of the Five Target Set:	0.183
The Average Mean Radius of the Five Target Set:	0.907
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.130
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.185

SERIAL NUMBER: C6587654. __0

TARGET NUMBER: 1

FILE DATE: 03/23/2005

FILE TIME: 09:32

POINT#	X	Y
1:	-0.372	-1.205
2:	-0.881	-1.529
3:	-0.027	-0.503
4:	-0.297	-0.406
5:	0.820	0.346
6:	0.428	0.693
7:	0.131	0.357
8:	-0.184	0.359
9:	-0.368	0.021
10:	-0.488	1.434

X CENTROID: -0.124

Y CENTROID: -0.043

POA TO CENTROID: 0.131

HORZ SPREAD: 1.701

VERT SPREAD: 2.963

GROUP SPREAD: 2.989

MIN RADIUS: 0.253

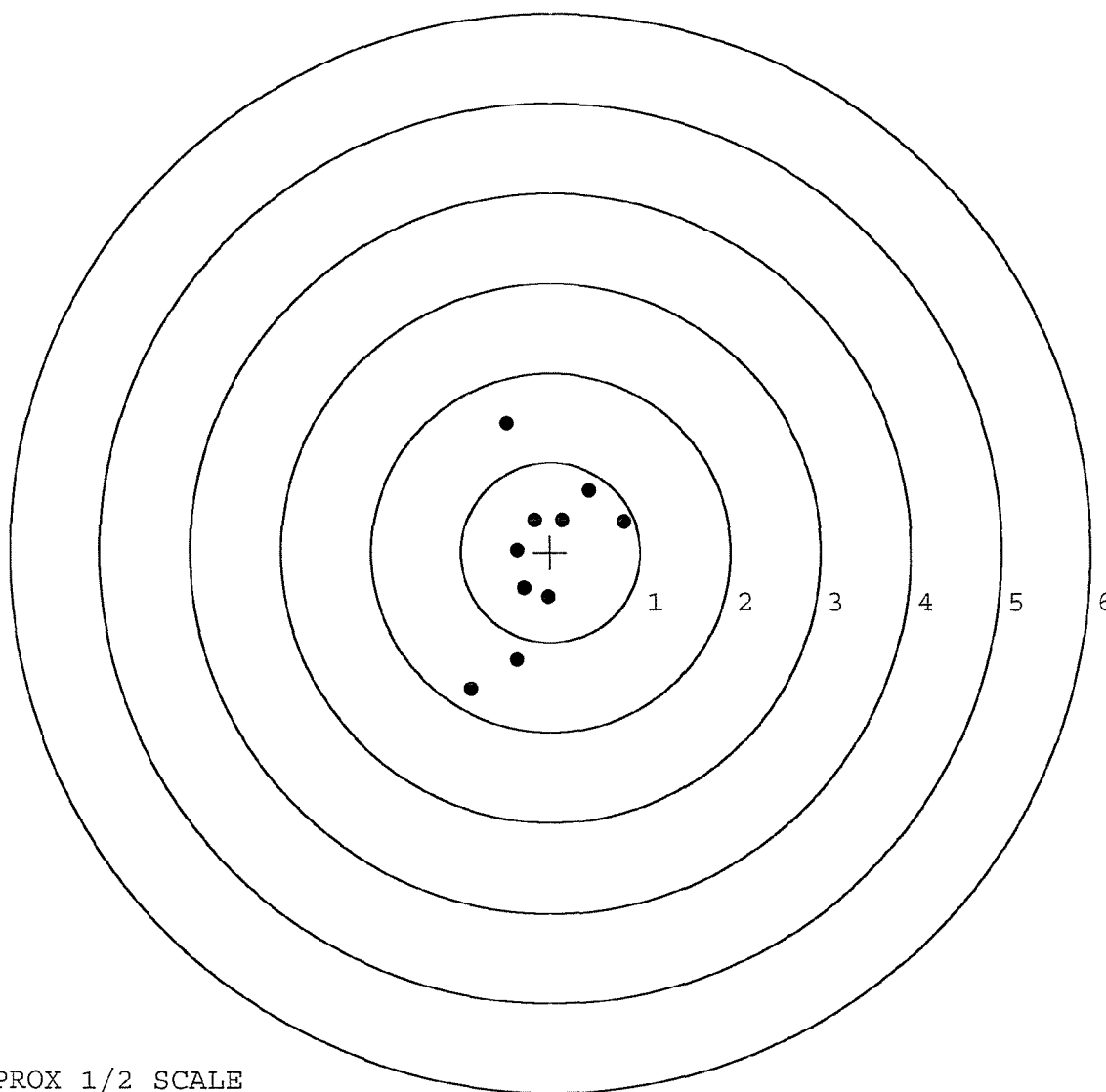
MAX RADIUS: 1.668

MEAN RADIUS: 0.832

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654. __0

TARGET NUMBER: 2

FILE DATE: 03/23/2005

FILE TIME: 09:32

X CENTROID: -0.096

Y CENTROID: -0.171

POA TO CENTROID: 0.196

HORZ SPREAD: 3.341

VERT SPREAD: 1.525

GROUP SPREAD: 3.390

MIN RADIUS: 0.354

MAX RADIUS: 1.861

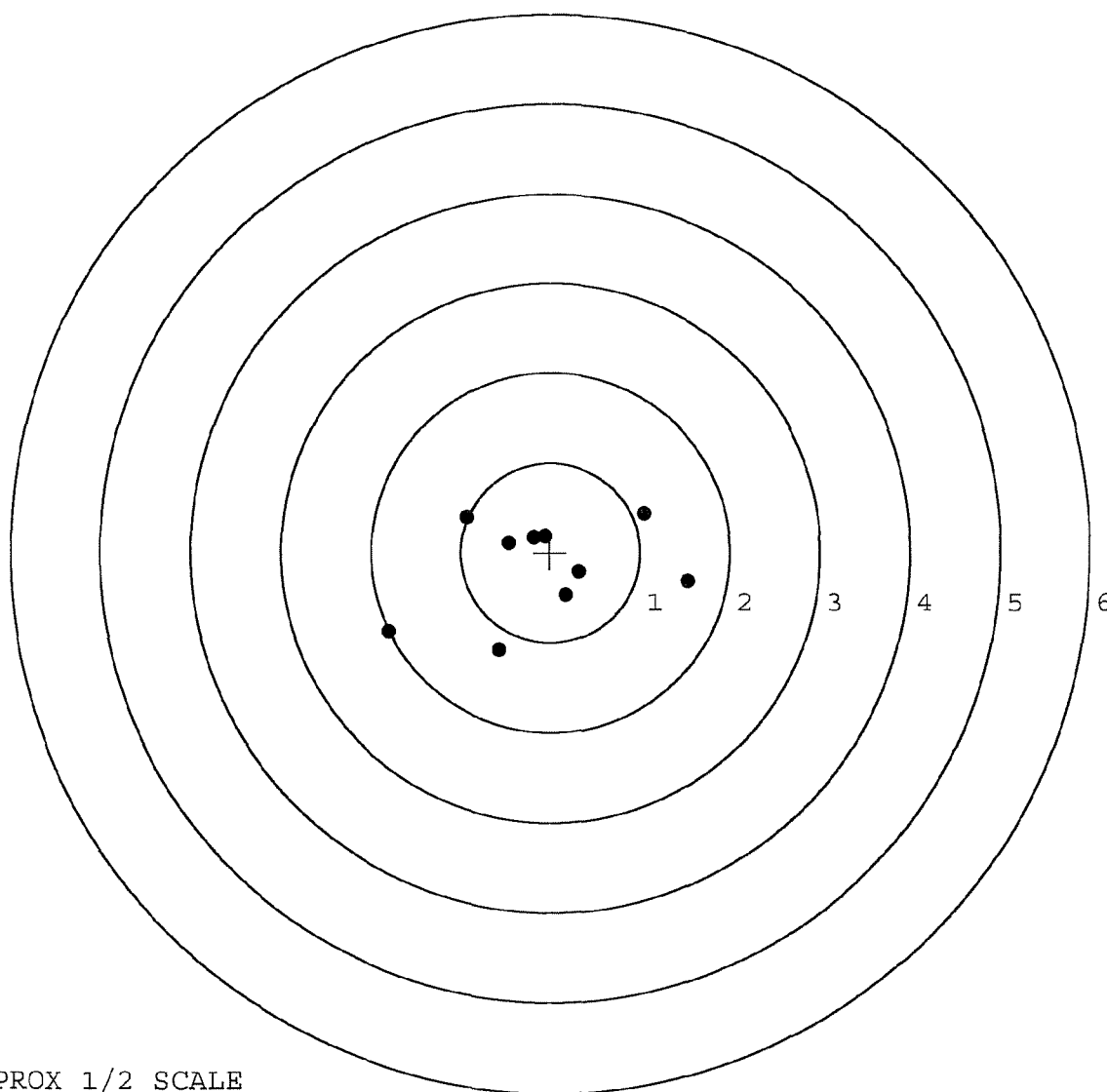
MEAN RADIUS: 0.884

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.529	-0.319
2:	1.043	0.434
3:	0.325	-0.215
4:	0.176	-0.480
5:	-0.060	0.186
6:	-0.465	0.108
7:	-0.938	0.389
8:	-0.572	-1.091
9:	-1.812	-0.891
10:	-0.185	0.172



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654. __0

TARGET NUMBER: 3

FILE DATE: 03/23/2005

FILE TIME: 09:32

POINT#	X	Y
1:	1.266	-1.902
2:	-0.678	-1.133
3:	-2.475	-1.120
4:	0.339	-0.437
5:	-0.282	-0.221
6:	0.530	0.044
7:	0.551	0.421
8:	0.039	0.400
9:	-0.346	0.536
10:	0.063	0.956

X CENTROID: -0.099

Y CENTROID: -0.246

POA TO CENTROID: 0.265

HORZ SPREAD: 3.741

VERT SPREAD: 2.858

GROUP SPREAD: 3.822

MIN RADIUS: 0.184

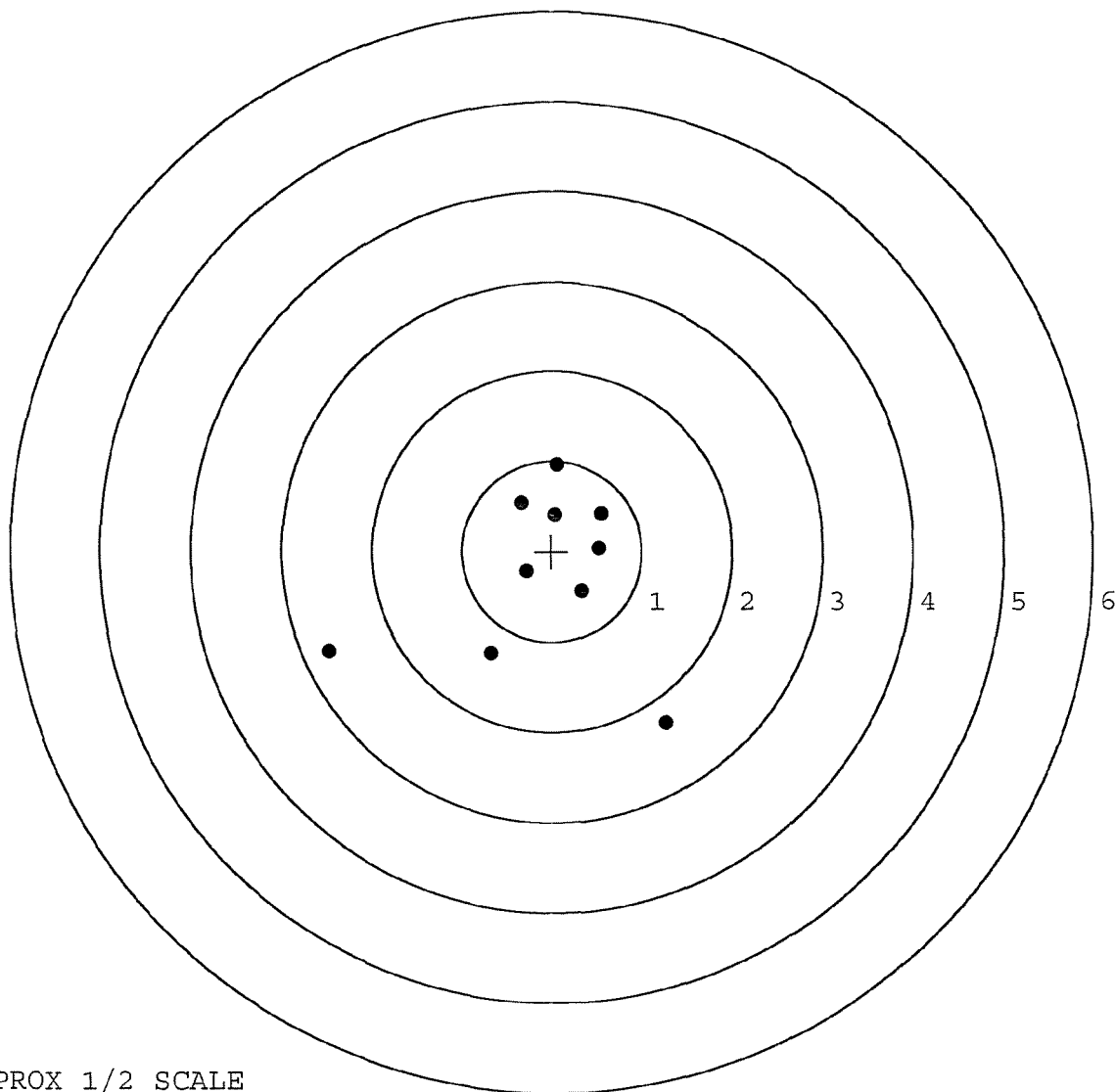
MAX RADIUS: 2.532

MEAN RADIUS: 1.072

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654. __0

TARGET NUMBER: 4

FILE DATE: 03/23/2005

FILE TIME: 09:32

X CENTROID: -0.041

Y CENTROID: -0.116

POA TO CENTROID: 0.123

HORZ SPREAD: 2.497

VERT SPREAD: 2.860

GROUP SPREAD: 3.426

MIN RADIUS: 0.220

MAX RADIUS: 1.798

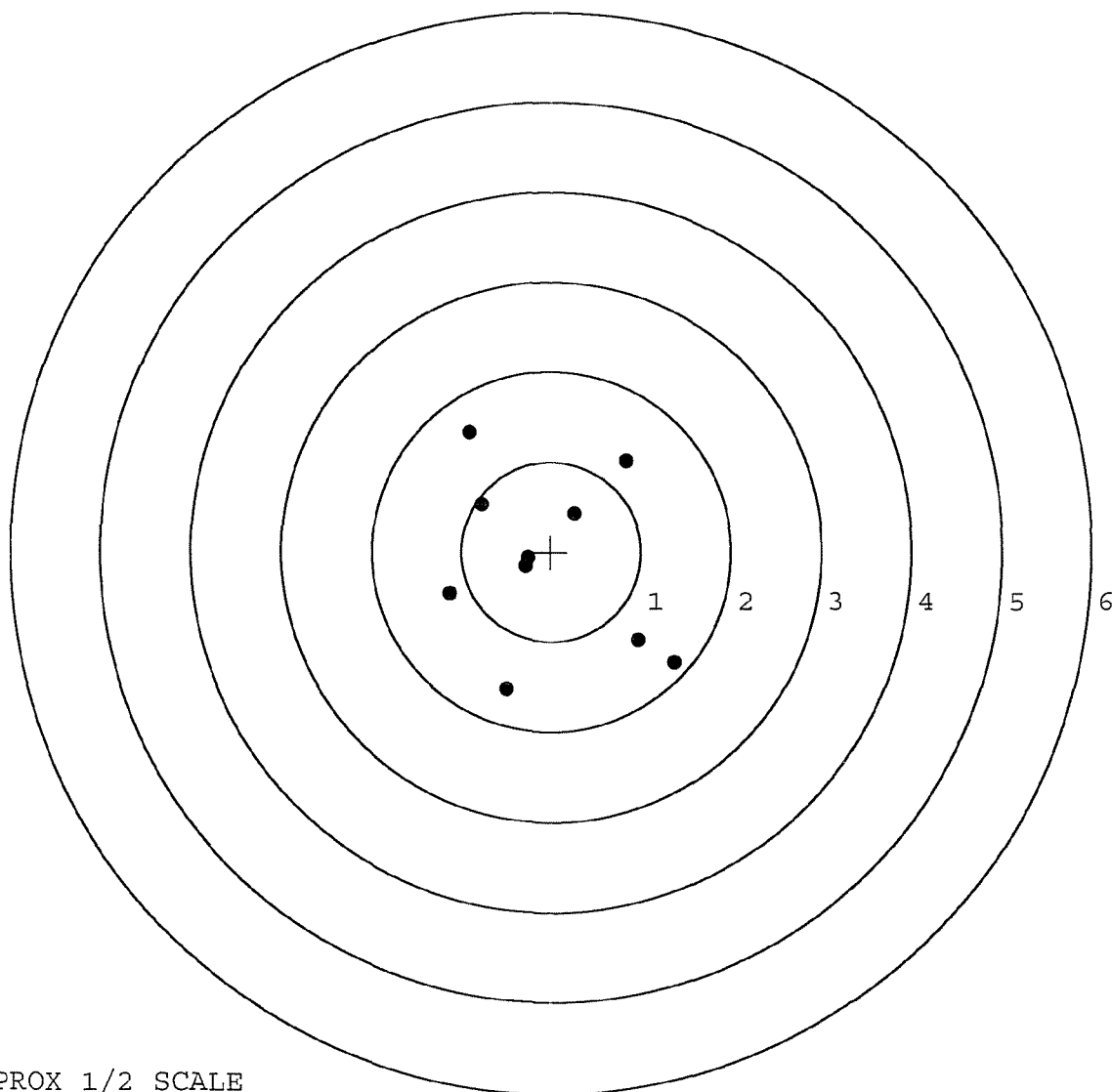
MEAN RADIUS: 1.094

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.367	-1.235
2:	0.970	-0.988
3:	-0.493	-1.534
4:	-1.130	-0.472
5:	-0.283	-0.160
6:	-0.254	-0.063
7:	0.263	0.427
8:	0.834	1.007
9:	-0.774	0.531
10:	-0.909	1.326



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587654. __0

TARGET NUMBER: 5

FILE DATE: 03/23/2005

FILE TIME: 09:32

X CENTROID: -0.087

Y CENTROID: -0.225

POA TO CENTROID: 0.241

HORZ SPREAD: 1.930

VERT SPREAD: 1.384

GROUP SPREAD: 2.045

MIN RADIUS: 0.099

MAX RADIUS: 1.241

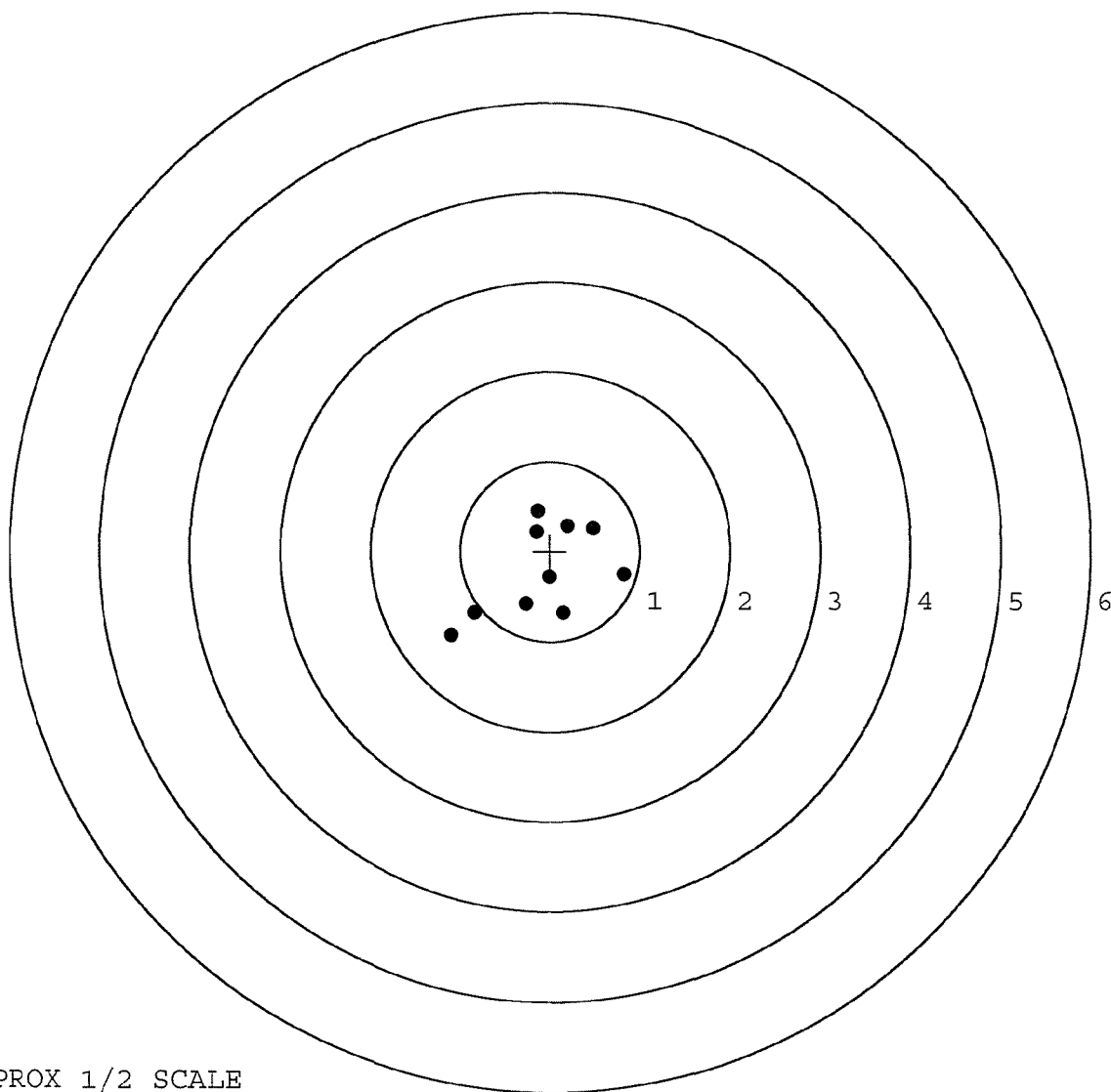
MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.825	-0.261
2:	0.485	0.256
3:	0.188	0.283
4:	-0.142	0.448
5:	-0.152	0.218
6:	-0.012	-0.289
7:	0.151	-0.692
8:	-0.270	-0.587
9:	-0.842	-0.691
10:	-1.105	-0.936



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	94370				
SERIAL NUMBER	C6587654				
LOG-IN DATE	3-14-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	X	X		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			3-31-05	AC
D	SAFETY "OFF" FORCE			3-31-05	AC
E	FIRING PIN INDENT	3-31-05	AC		
640	TARGET TEST	3-23-05	AC		
655	FINAL INSPECT	3-31-05	AC		
660	PACK	4-14-05	RA		
		SHIP DATE			
QAR INSPECTION DATE					

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

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

SERIAL NO.
C6587654

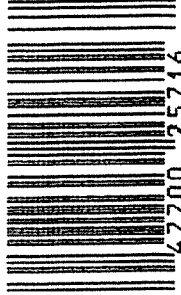
ORDER NO.
5716

Ø1



5716 C6587654

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587654

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	SL
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel AB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/1/90	KL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2	12/3/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	12/3/90	WB
	H) Trigger Pull Test & Retainability				12-1-90	JH
	I) Firing Pin Indent	.0205	.021	.021	12/3/90	WB
	J) Assemble Stock				1/12/90	KS
	K) Assemble Swivel Studs				12-4-90	JS
	L) Attach Front and Rear Sight Assemblies				1/12/90	KS
	M) Iron Sight Alignment				1/12/90	KS
	N) Detach Front & Rear Sights & place in numbered container				1/12/90	KS
	O) Attach Scope to Rifle				1/12/90	KS
	P) Detach & Attach Scope 20 Times				1/12/90	KS
640	Gallery Target & Test				12-3-90	AC
	A) Time				12-3-90	AC
	B) Malfunctions				12-3-90	AC
	C) Pierced Primers				12-3-90	AC
	D) Optical Clarity of Scope				12-3-90	AC
645	Inspect for Live Ammo				12-3-90	AC
655	Final Inspection					
	A) Headspace				12-4-90	JS
	B) Trigger Pull	268	266	267	267	12-4-90
	C) Function				12-4-90	JS
660	Pack				12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06587653

DATE 12-1-98

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.29	2.37	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.36	2.33	2.66	
PULL #3	2.37	2.32	2.33	2.67	
PULL #4	2.35	2.34	2.35	2.67	
PULL #5	2.37	2.36	2.34	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.40		
PULL #2	3.50	3.44		
PULL #3	3.26	3.41		
PULL #4	3.44	3.43		
PULL #5	3.47	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.25		4.14
PULL #2	4.42	4.23		4.16
PULL #3	4.40	4.20		4.17
PULL #4	4.12	4.21		4.17
PULL #5	4.12	4.21		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587654
3 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.43921
1 TO	2	.543007
1 TO	3	.528516
1 TO	4	.389515
1 TO	5	.418743

91 <----FOR

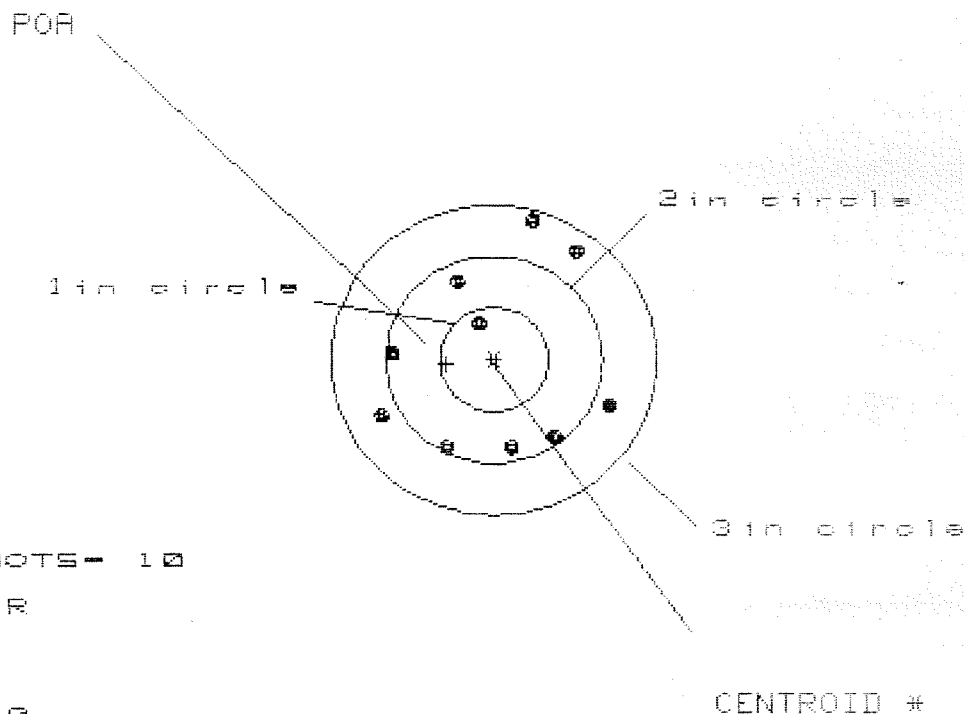
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0784
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .102097
THE AMR FOR THIS RIFLE IS: .971

3 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06567654

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.033

VS= 2.180

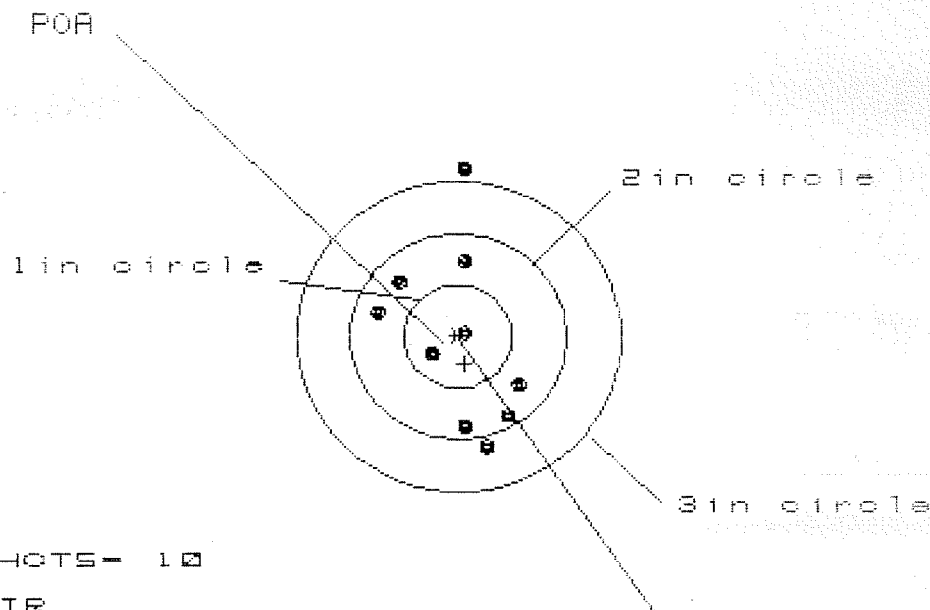
GS= 2.382

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.015	1.056	1.156
MINIMUM X	-1.018	-.977	-.877
MAXIMUM Y	1.313	1.210	1.080
MINIMUM Y	-.867	-.721	-.569
CENTROID X	.437	.396	.296
CENTROID Y	.044	-.182	-.254
POA TO CENTROID in.	.439	.409	.390
MIN RADIUS	.329	.461	.607
MEAN RADIUS	.983	.928	.841
MAX RADIUS	1.366	1.451	1.172
HORIZONTAL SPREAD	2.033	2.033	2.033
VERTICAL SPREAD	2.180	1.931	1.649
EXTREME SPREAD	2.382	2.382	2.033
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

3 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587654

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.300

VS= 2.649

GS= 2.656

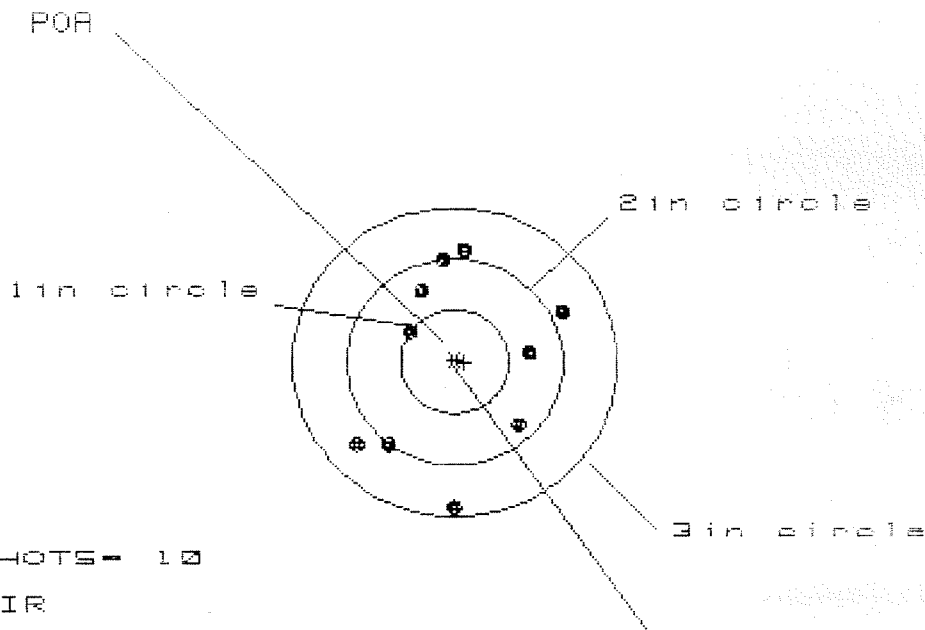
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.589	.593	.623
MINIMUM X	:	-.711	-.707	-.677
MAXIMUM Y	:	1.628	.909	.803
MINIMUM Y	:	-1.021	-.840	-.821
CENTROID X	:	-.059	-.063	-.093
CENTROID Y	:	.265	.084	.189
POA TO CENTROID in.	:	.272	.106	.211
MIN RADIUS	:	.115	.277	.195
MEAN RADIUS	:	.790	.691	.654
MAX RADIUS	:	1.628	.914	.874
HORIZONTAL SPREAD	:	1.300	1.300	1.300
VERTICAL SPREAD	:	2.649	1.749	1.624
EXTREME SPREAD	:	2.656	1.754	1.678
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587654

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 1.937

VS= 2.464

GS= 2.468

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.003	.997	.880
MINIMUM X	-.934	-.940	-.779
MAXIMUM Y	1.089	.936	.820
MINIMUM Y	-1.375	-.939	-1.055
CENTROID X	-.090	-.084	.033
CENTROID Y	.004	.157	.273
POA TO CENTROID in.	.090	.178	.275
MIN RADIUS	.504	.431	.519
MEAN RADIUS	.956	.884	.806
MAX RADIUS	1.376	1.323	1.312
HORIZONTAL SPREAD	1.937	1.937	1.659
VERTICAL SPREAD	2.464	1.875	1.875
EXTREME SPREAD	2.468	2.318	2.096
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

3 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587654

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 2

2in - 4

3in = 8

HS- 2.136

VS- 3.667

GS- 3.747

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.927	.927
MINIMUM X	:	-1.286	-1.209	-1.209
MAXIMUM Y	:	2.039	.865	.690
MINIMUM Y	:	-1.628	-1.402	-1.046
CENTROID X	:	.056	-.021	-.021
CENTROID Y	:	.125	-.101	.074
POA TO CENTROID in.	:	.137	.104	.077
MIN RADIUS	:	.476	.390	.484
MEAN RADIUS	:	1.103	.983	.911
MAX RADIUS	:	2.153	1.402	1.399
HORIZONTAL SPREAD	:	2.136	2.136	2.136
VERTICAL SPREAD	:	3.667	2.267	1.736
EXTREME SPREAD	:	3.747	2.514	2.514
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Dec 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06587654

CENTERFIRE PATTERNS # 5

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.050

VS= 3.181

GS= 3.245

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.073	1.036	.909
MINIMUM X	:	-.977	-1.014	-1.012
MAXIMUM Y	:	1.875	1.297	1.159
MINIMUM Y	:	-1.306	-1.097	-.771
CENTROID X	:	.048	.085	.212
CENTROID Y	:	-.111	-.320	-.183
FOR TO CENTROID in.	:	.121	.331	.280
MIN RADIUS	:	.166	.147	.040
MEAN RADIUS	:	1.023	.903	.800
MAX RADIUS	:	1.905	1.494	1.249
HORIZONTAL SPREAD	:	2.050	2.050	1.921
VERTICAL SPREAD	:	3.181	2.394	1.931
EXTREME SPREAD	:	3.245	2.784	2.291
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	