

C6349063

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*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: **RE00102798** Serial: C6349063 Model: M24 SWS Center Fire Caliber: 7 NATO Repairman: Status: Closed 10/26/2005 8:47:33 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **PR W7LZ CAMP SHELBY DET 57** **PR W7LZ CAMP SHELBY DET 57**

Address 1: **DEF TRAINING BDE ROTATION** **DEF TRAINING BDE ROTATION**

Address 2: **BLDG 6520 WAREHOUSE AVE** PO Box: **BLDG 6520 WAREHOUSE AVE** PO Box:

City: **CAMP SHELBY** **CAMP SHELBY**

State: **MS** Zip Code: **39407** Country: **US** State: **MS** Zip Code: **39407** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **601 558 4593**

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	1

Repair Search Refresh Close

maglet 10/26/2005 9:44 AM CAPS NUM IIS SCPL

start 2 2 3 Arms S

Serial Number: **C6349063**

Model: **M24 SWS**



RE00102798

° SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349063.___0
FILE DATE AND TIME: 11/21/2005 22:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.119
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.124
The Average Mean Radius of the Five Target Set:	0.687
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.310
The Distance from Centroid Target #3 to Centroid Target #1:	0.240
The Distance from Centroid Target #4 to Centroid Target #1:	0.214
The Distance from Centroid Target #5 to Centroid Target #1:	0.398

SERIAL NUMBER: C6349152. 0

TARGET NUMBER: 1

FILE DATE: 11/21/2003

FILE TIME: 22:43

POINT#	X	Y
1:	-0.845	-0.590
2:	-0.222	-0.329
3:	-0.123	-0.189
4:	-0.018	-0.060
5:	0.113	-0.152
6:	0.048	0.063
7:	0.253	0.148
8:	0.196	0.083
9:	0.537	0.170
10:	0.601	0.330

X CENTROID: 0.054

Y CENTROID: -0.052

POA TO CENTROID: 8.075

HORZ SPREAD: 2.446

VERT SPREAD: 0.320

GROUP SPREAD: 0.714

MIN RADIUS: 0.72

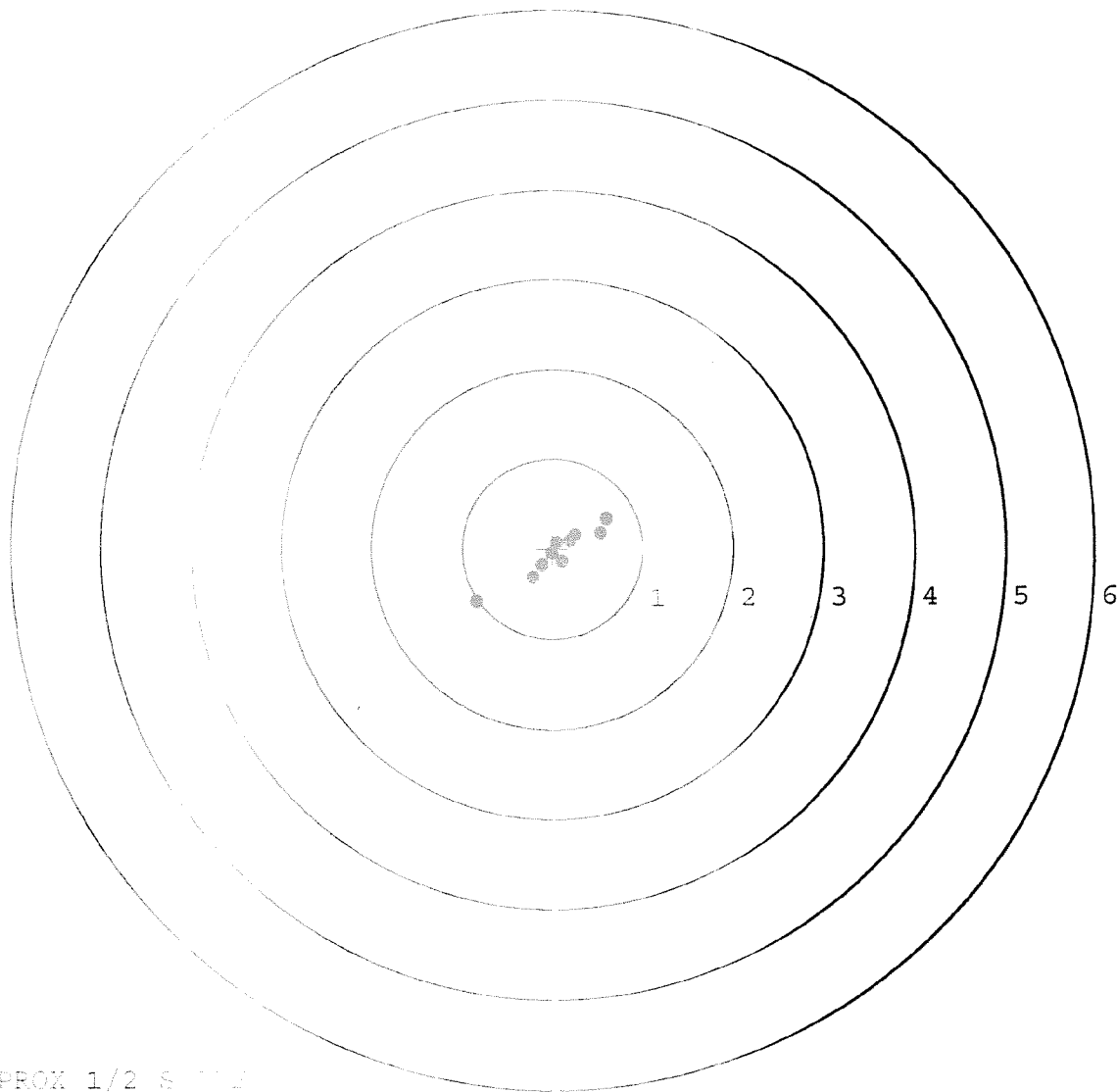
MAX RADIUS: 1.47

MEAN RADIUS: 0.84

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 S 1/2

SERIAL NUMBER: C6349063. 0

TARGET NUMBER: 2

FILE DATE: 11/21/2000

FILE TIME: 22:43

POINT#	X	Y
1:	-0.007	0.293
2:	0.174	0.473
3:	0.327	0.644
4:	0.716	0.043
5:	0.401	-0.376
6:	-0.778	-0.303
7:	1.587	0.044
8:	-0.424	1.150
9:	-0.973	1.375
10:	-0.034	-0.805

X CENTROID: 0.101

Y CENTROID: 0.254

POA TO CENTROID: 0.173

HORZ SPREAD: 1.155

VERT SPREAD: 1.150

GROUP SPREAD: 1.180

MIN RADIUS: 0.110

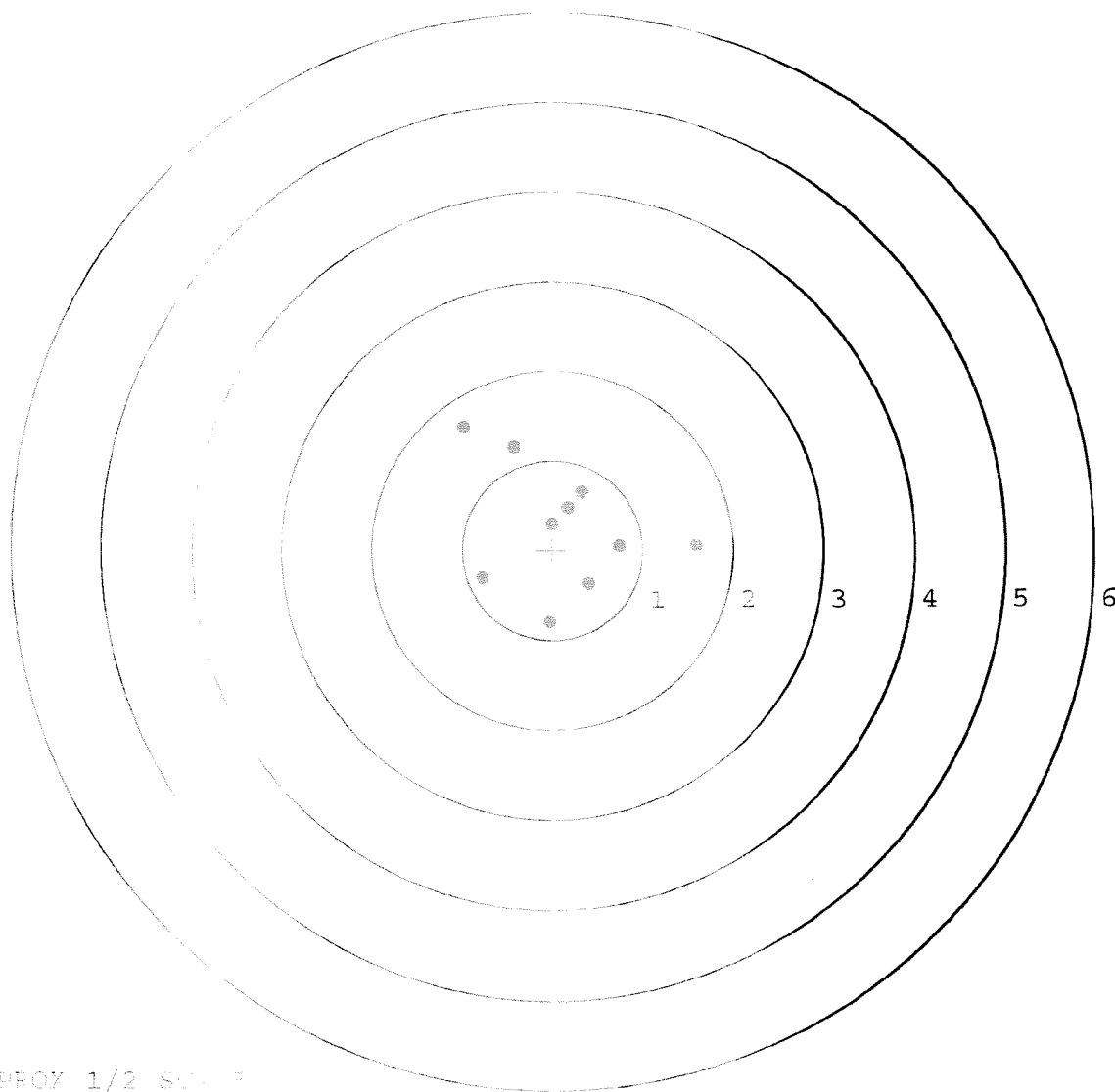
MAX RADIUS: 1.756

MEAN RADIUS: 0.438

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 0

in 3 IN DIAMETER: 0



TARGET APPROX 1/2 SIZE

SERIAL NUMBER: C6349063. 0

TARGET NUMBER: 3

FILE DATE: 11/21/2007

FILE TIME: 22:43

POINT#	X	Y
1:	-0.699	-0.076
2:	-0.324	0.396
3:	0.102	0.483
4:	0.345	-0.095
5:	0.378	-0.580
6:	-0.405	-0.553
7:	0.708	-0.009
8:	1.364	0.040
9:	0.047	1.261
10:	-0.418	0.945

X CENTROID: 0.109

Y CENTROID: 0.181

POA TO CENTROID: 0.212

HORZ SPREAD: 0.083

VERT SPREAD: 0.041

GROUP SPREAD: 0.086

MIN RADIUS: 0.021

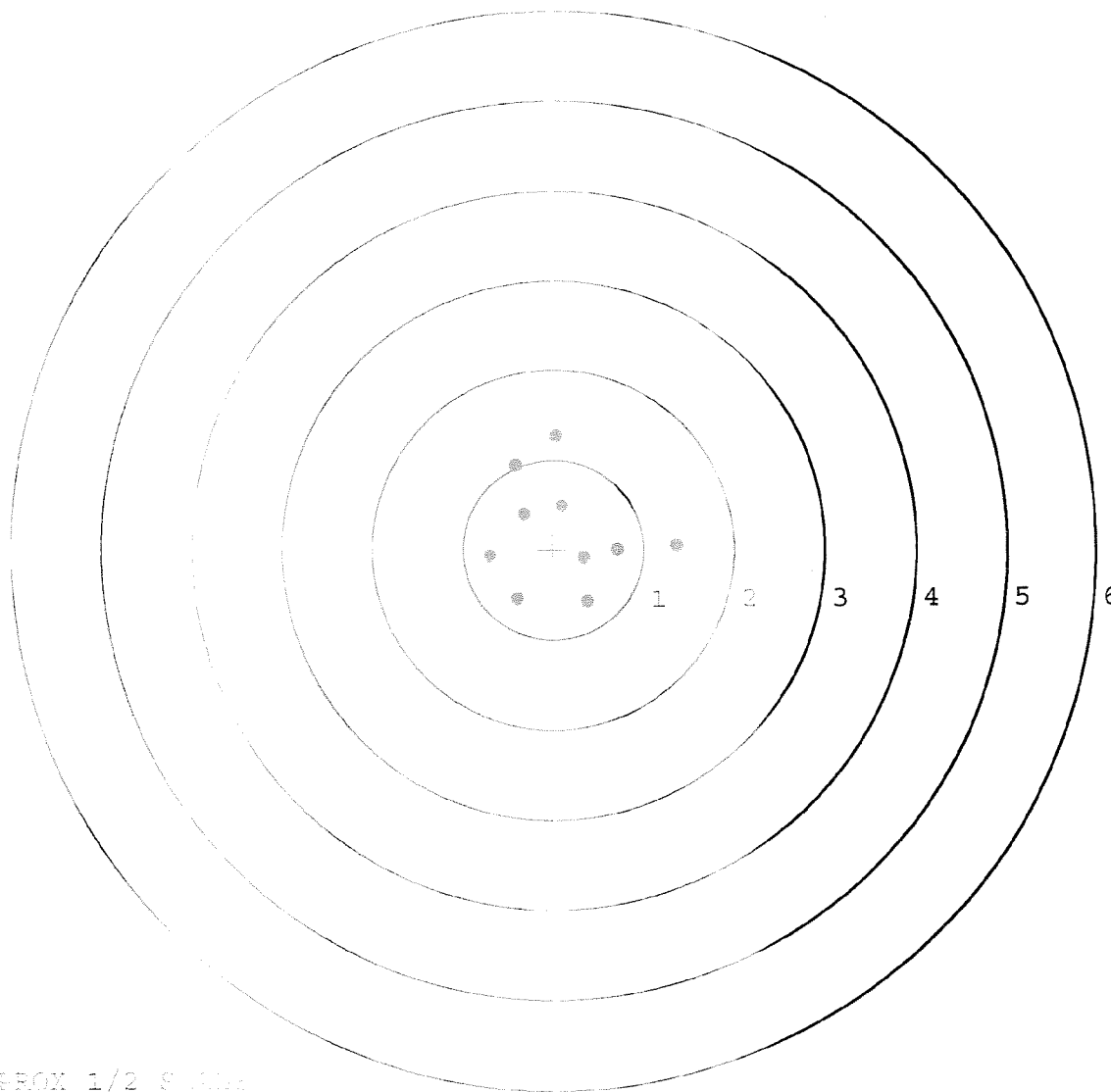
MAX RADIUS: 0.063

MEAN RADIUS: 0.0760

IN 1 IN DIAMETER: 1

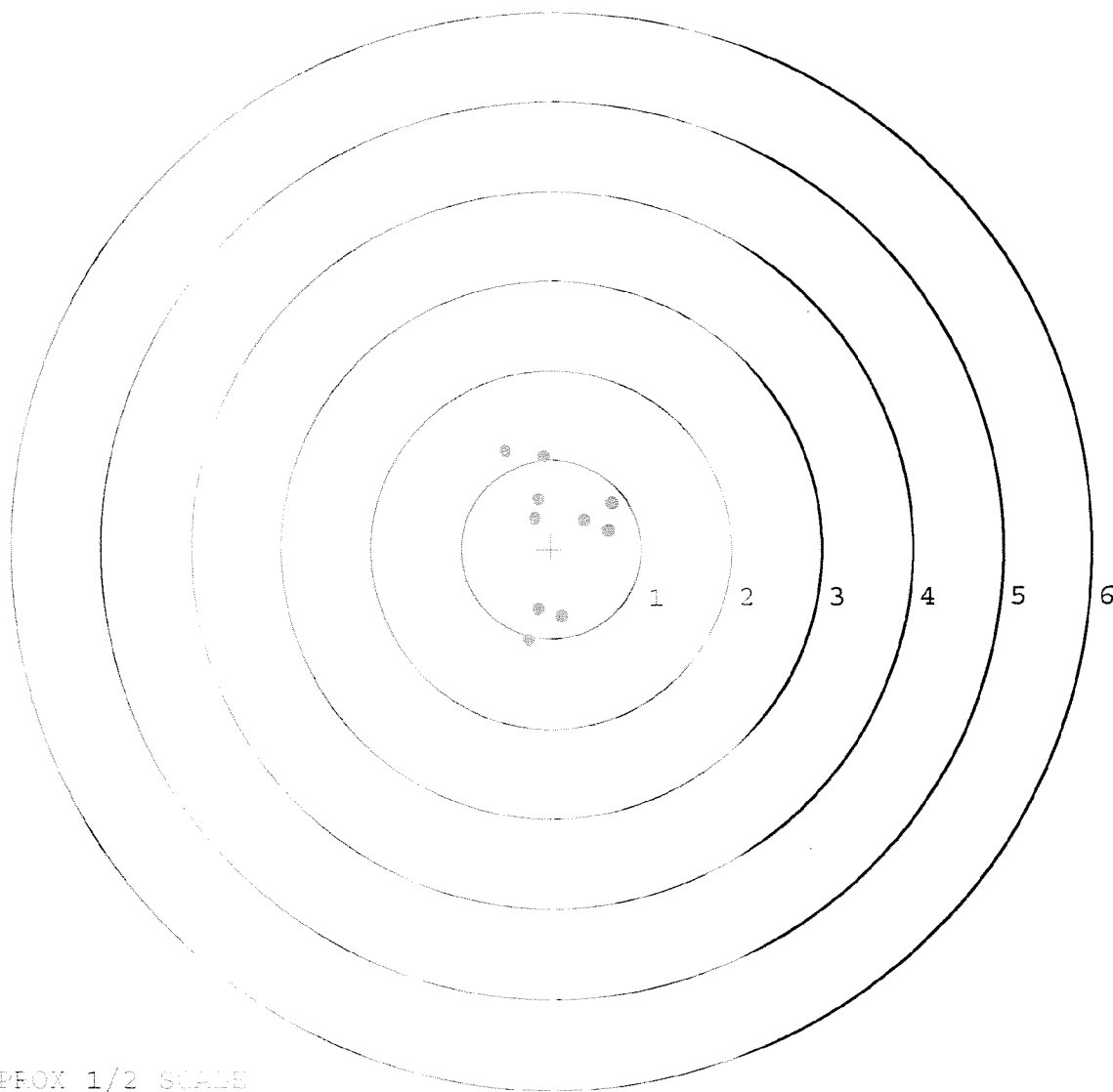
IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 S.A.M.

SERIAL NUMBER: C6343007100	POINT#	X	Y
TARGET NUMBER: 4	1	-0.147	-0.681
FILE DATE: 11/21/2005	2	0.120	-0.761
FILE TIME: 22:43	3	-0.255	-1.031
	4	0.637	0.211
X CENTROID: 0.118	5	0.368	0.323
Y CENTROID: -0.261	6	0.579	0.519
POA TO CENTROID: 0.158	7	-0.146	0.559
HORZ SPREAD: 0.191	8	-0.183	0.345
VERT SPREAD: 0.125	9	-0.084	1.036
GROUP SPREAD: 0.10	10	-0.511	1.094
MIN RADIUS: 0.134			
MAX RADIUS: 0.30			
MEAN RADIUS: 0.174			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 1			
# IN 3 IN DIAMETER: 0			

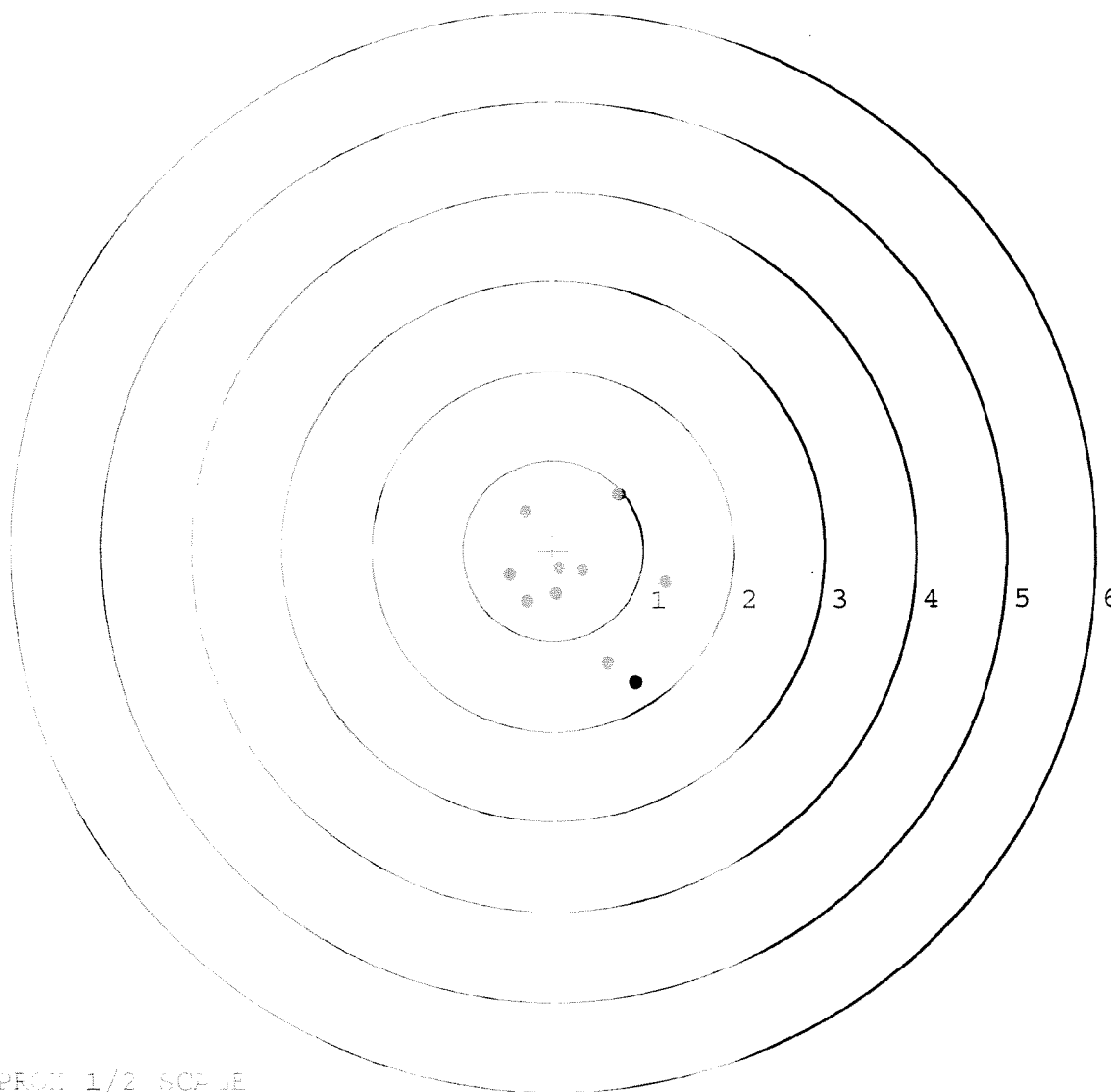


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349063. 0
 TARGET NUMBER: 5
 FILE DATE: 11/21/2015
 FILE TIME: 22:43

POINT#	X	Y
1	0.331	-0.220
2	0.077	-0.203
3	0.034	-0.482
4	-0.288	-0.568
5	-0.486	-0.267
6	-0.301	0.433
7	0.727	0.620
8	1.243	-0.362
9	0.502	-1.242
10	0.964	-1.471

X CENTROID: 0.184
 Y CENTROID: -0.177
 POA TO CENTROID: 0.472
 HORZ SPREAD: 1.729
 VERT SPREAD: 1.092
 GROUP SPREAD: 2.154
 MIN RADIUS: 0.184
 MAX RADIUS: 1.238
 MEAN RADIUS: 0.732
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 4
 # IN 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102798		
SERIAL NUMBER	C 6349063		
LOG-IN DATE	10-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-3-05	AC
560 A	RE-BARREL	11-7-05	AC
B	DRILL AND TAP	11-11-05	BOR
575	ASSEMBLE	11-14-05	CD
600	PROOF	11-14-05	ED
605	CHECK HEADSPACE	11-14-05	CD
610	DIS-ASSEMBLE GUN	11-14-05	CD
612	MAGNETIC PARTICLE INSPECTED	11-15-05	WWS
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11-16-05	HP
625 A	FINAL ASSEMBLY	11-17-05	AC
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	11-22-05	AC
D	SAFETY "OFF" FORCE	11-22-05	AC
E	FIRING PIN INDENT	11-22-05	AC
640	TARGET	12/1/05	mm
655	FINAL INSPECT	11-22-05	AC
660	PACK	12-1-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



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

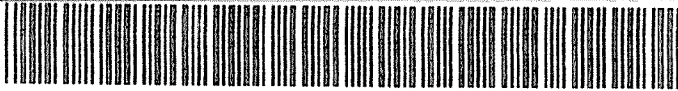
MODEL 700™ H24

SERIAL NO.
C6349063

ORDER NO.
5716

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

01

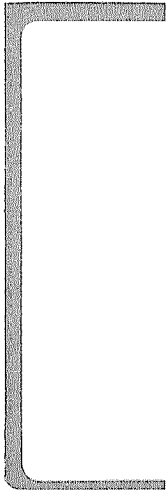


5716 C6349063

UPC



0 47700 25716 7



RC50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349063

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	A
607	Check Headspace	3 12	90	A
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber	1-17-90		GS
617	Drill and Tap Sight Holes	1-19-90		FB
618	Polish Barrel RB	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-23-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	RW
	C) Inspect Ejector Hole for Chamfer		1/24/90	RW
	D) Oil Firing Pin Ass'y		1/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/1/90	GS

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	6	6	6		1-31-90	JS
	G) Safety Off Force	3	3	3		1-31-90	JS
	H) Trigger Pull Test & Retainability					3/1/90	JS
	I) Firing Pin Indent	.022	.022	.021		1-31-90	JS
	J) Assemble Stock					2/28/90	RW
	K) Assemble Swivel Studs					3/13/90	WB
	L) Attach Front and Rear Sight Assemblies					2/28/90	RW
	M) Iron Sight Alignment					2/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container					2/28/90	RW
	O) Attach Scope to Rifle					2/28/90	WB
	P) Detach & Attach Scope 20 Times					2/28/90	WB
640	Gallery Target & Test					3-1-90	J.E.S. (TEMPORARY) HELP
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo						
655	Final Inspection					16 MAR 90	JS
	A) Headspace					16 MAR 90	JS
	B) Trigger Pull	218	227	238	224	242	16 MAR 90
	C) Function					16 MAR 90	JS
660	Pack					19 MAR 90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349063

DATE 3/10/00

TESTER 128

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	227	209	226	218	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	223	202	219	227	
PULL #3	220	225	220	238	
PULL #4	224	222	221	224	
PULL #5	210	222	215	242	
TOTAL	1104	1080	1101	1149	
AVG.	2208	216	2202	2298	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	318	329		
PULL #2	329	337		
PULL #3	334	337		
PULL #4	327	343		
PULL #5	327	337		
TOTAL	1640	1683		
AVG.	328	3366		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	408	401		404
PULL #2	405	411		408
PULL #3	400	412		409
PULL #4	403	407		401
PULL #5	403	398		413
TOTAL	2019	2029		2035
AVG.	4038	4058		407

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349063
1 Mar 1990

CENTROIDAL DISTANCES

0 TO 1	.484982
1 TO 2	.696312
1 TO 3	1.36782
1 TO 4	.345059
1 TO 5	.466024

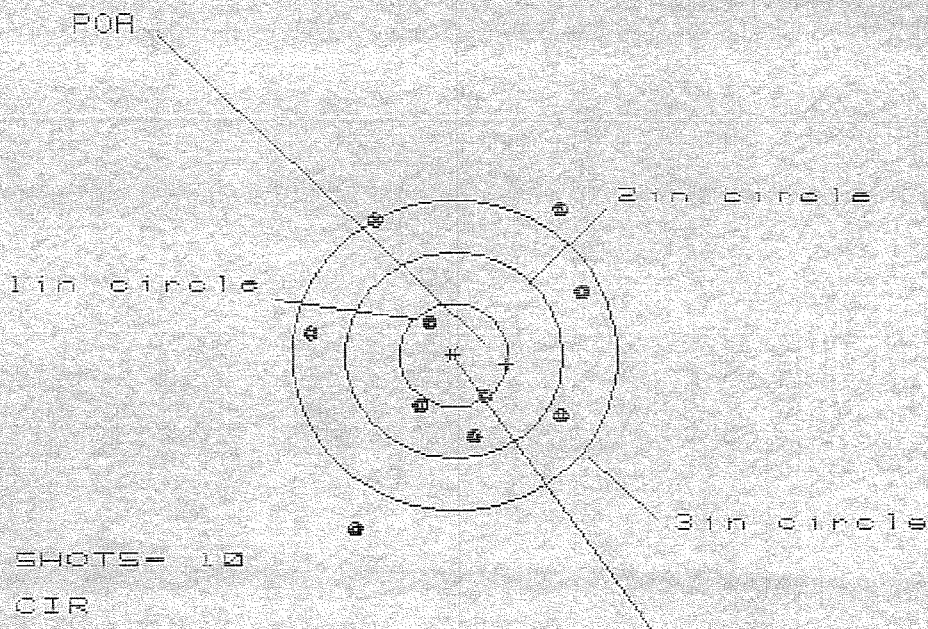
1.52 <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0296
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .219208
THE AMR FOR THIS RIFLE IS: 1.065

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349063

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.483

VS= 3.126

GS= 3.655

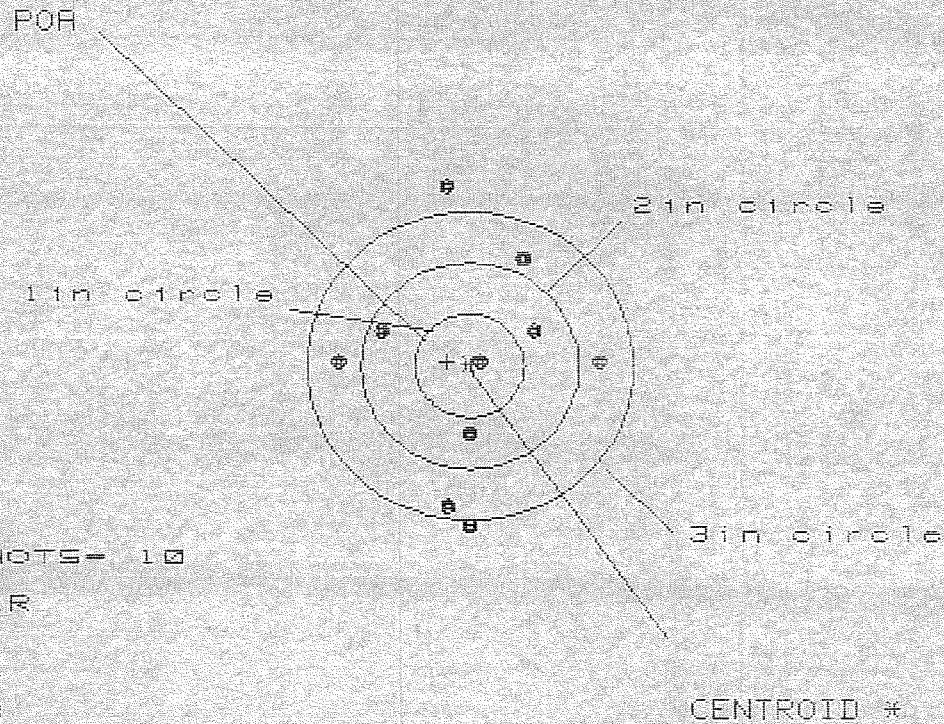
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.134	1.031	1.140
MINIMUM X	-1.349	-1.452	-1.343
MAXIMUM Y	1.406	1.215	1.278
MINIMUM Y	-1.720	-.949	-.798
CENTROID X	-.478	-.375	-.484
CENTROID Y	.082	.273	.122
POA TO CENTROID in.	.485	.464	.499
MIN RADIUS	.359	.331	.324
MEAN RADIUS	1.111	1.030	.935
MAX RADIUS	1.952	1.494	1.466
HORIZONTAL SPREAD	2.483	2.483	2.483
VERTICAL SPREAD	3.126	2.164	2.076
EXTREME SPREAD	3.655	2.597	2.597
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349063

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.376

VS= 3.245

GS= 3.252

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.181	1.162	1.164
MINIMUM X	:	-1.195	-1.214	-1.212
MAXIMUM Y	:	1.714	1.208	1.041
MINIMUM Y	:	-1.531	-1.341	-1.304
CENTROID X	:	.207	.226	.224
CENTROID Y	:	-.043	-.233	-.066
POA TO CENTROID in.	:	.211	.325	.233
MIN RADIUS	:	.074	.236	.078
MEAN RADIUS	:	1.046	.972	.901
MAX RADIUS	:	1.723	1.341	1.331
HORIZONTAL SPREAD	:	2.376	2.376	2.376
VERTICAL SPREAD	:	3.245	2.549	2.345
EXTREME SPREAD	:	3.252	2.597	2.473
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Mar 1990

FILE: \PATTERNING\CENTERFIRE_PATT\08349063

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS = 2.320

VS = 2.236

GS = 2.589

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.083

.946

.958

MINIMUM X

-1.237

-.674

-.662

MAXIMUM Y

1.254

1.157

1.215

MINIMUM Y

-.982

-1.079

-.935

CENTROID X

.395

.532

.520

CENTROID Y

-.971

-.874

-1.018

POA TO CENTROID in.

1.048

1.023

1.143

MIN RADIUS

.512

.531

.412

MEAN RADIUS

1.040

.971

.936

MAX RADIUS

1.517

1.202

1.293

HORIZONTAL SPREAD

2.320

1.620

1.620

VERTICAL SPREAD

2.236

2.236

2.150

EXTREME SPREAD

2.589

2.364

2.364

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

9

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349063

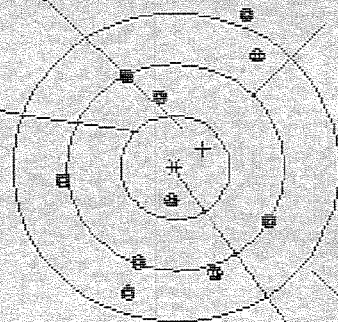
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 3

HS= 1.958

VS= 2.683

CS= 2.508

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.905

.975

.923

MINIMUM X

-1.053

-1.983

-1.035

MAXIMUM Y

1.453

1.248

1.115

MINIMUM Y

-1.230

-1.069

-1.017

CENTROID X

-.257

-.327

-.275

CENTROID Y

-.183

-.344

-.211

POA TO CENTROID in.

.315

.475

.347

MIN RADIUS

.335

.164

.084

MEAN RADIUS

1.038

.945

.930

MAX RADIUS

1.586

1.482

1.342

HORIZONTAL SPREAD

1.958

1.958

1.958

VERTICAL SPREAD

2.683

2.317

2.132

EXTREME SPREAD

2.908

2.617

2.236

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

3

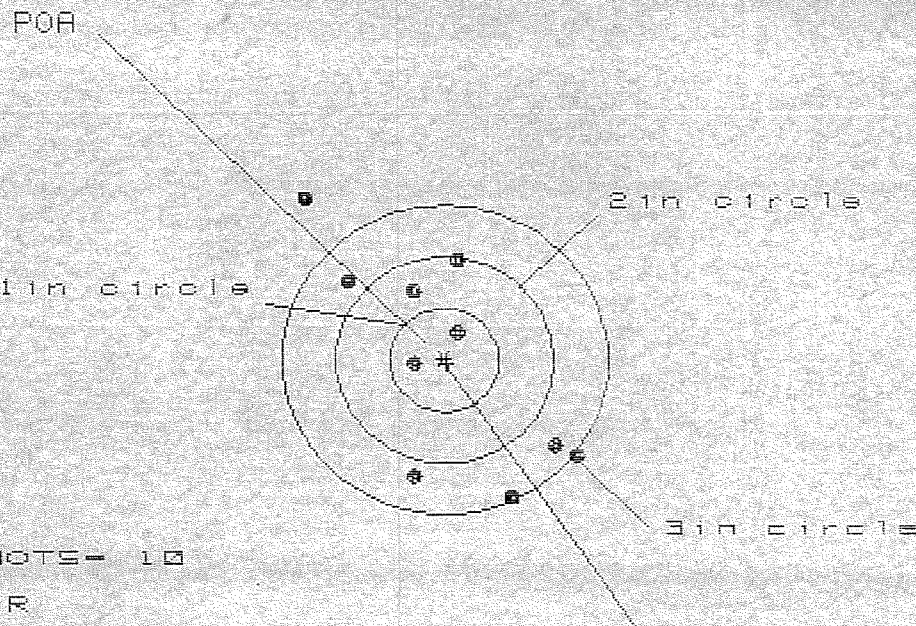
NUMBER IN THREE INCH CIRCLE =

9

1 Mar 1930

FILE:/PATTERNING/CENTERFIRE_PATT/C6349063

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.470

VS= 2.912

GS= 3.539

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.169	1.025	1.029
MINIMUM X	:	-1.300	-1.076	-.948
MAXIMUM Y	:	1.589	1.136	1.040
MINIMUM Y	:	-1.323	-1.147	-1.243
CENTROID X	:	-.015	.129	.001
CENTROID Y	:	.029	-.147	-.051
POA TO CENTROID in.	:	.033	.196	.051
MIN RADIUS	:	.285	.425	.338
MEAN RADIUS	:	1.092	1.001	.933
MAX RADIUS	:	2.053	1.413	1.363
HORIZONTAL SPREAD	:	2.470	2.101	1.977
VERTICAL SPREAD	:	2.912	2.283	2.283
EXTREME SPREAD	:	3.539	2.693	2.553
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	