

C6594527

MODEL 760™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Aims Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00038566** Serial: **C6594527** Model: **700** Center Fire Caliber: **7.62 NATO M24 SWS WOGS 16 of 18** Repairman: Status: **Closed 1/22/02 9:07:28 AM**

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **HECTOR ROCA** **HECTOR ROCA**

Address 1: **BCO 3RD SFG A** **BCO 3RD SFG A**

Address 2: **PO Box** **PO Box**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Contact Information

Phone: **910 432 3918**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSB Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

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

naqlt 1/22/02 10:23 AM CAPS NUM INS SCBL

Start Inbo... Calc... Scat... SW... sra... Ar... Print...

10:23 AM

Serial Number: **C6594527**

Model: **700**



RE00038566

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 38566

SERIAL NUMBER C 659 4527

LOG-IN DATE 1-2-02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-02	RTH
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	1-7-02	B3
618	ROTO-BLAST	1/7	KO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	RTH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-10-02	AC
655	FINAL INSPECT	1-11-02	RTH
660	PACK	1-11-02	RA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594527.___0

FILE DATE AND TIME: 01/10/2002 02:52

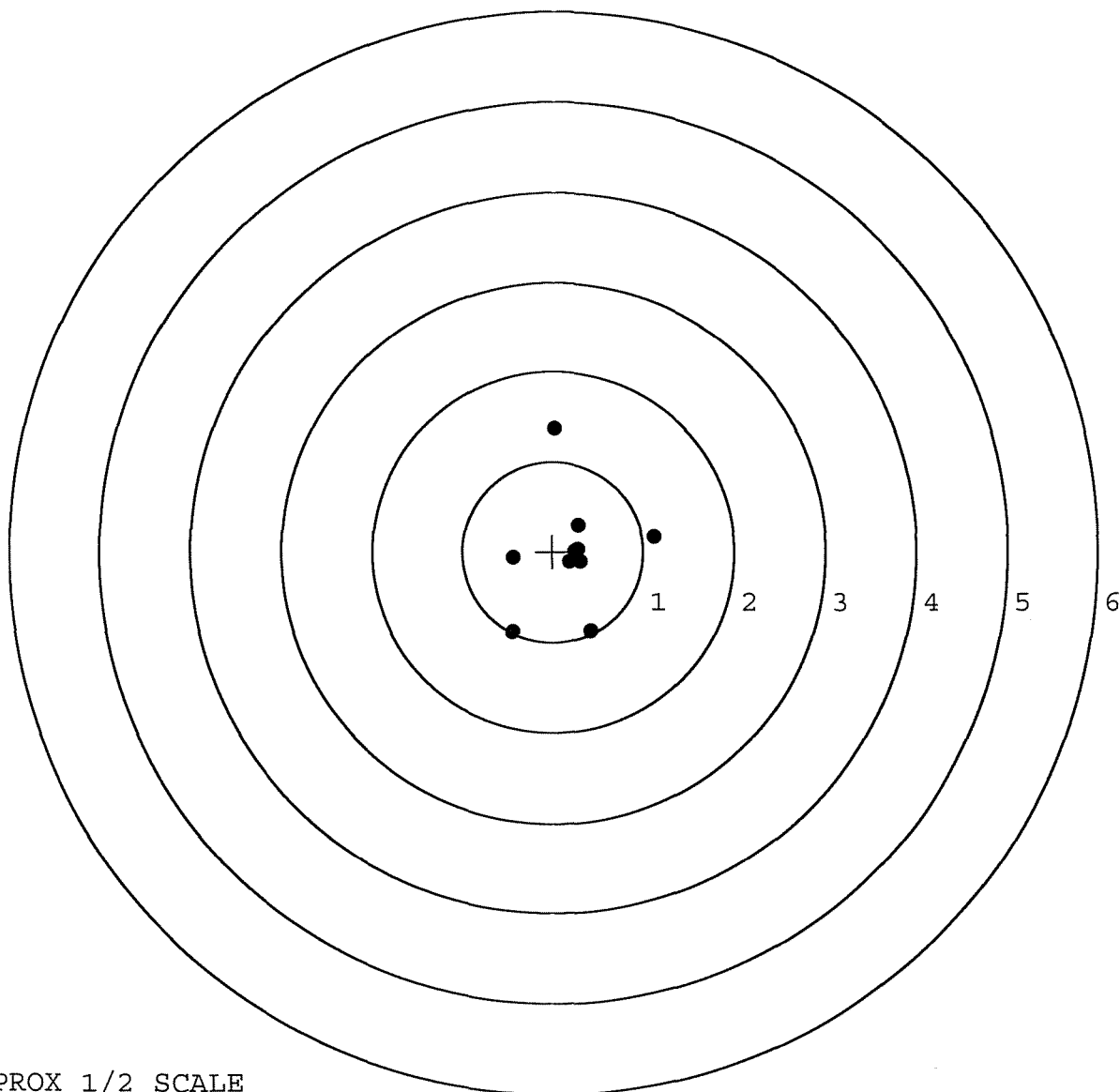
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.185
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.203
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.201
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.167
The Distance from Centroid Target #5 to Centroid Target #1:	0.092

SERIAL NUMBER: C6594527. __0
TARGET NUMBER: 1
FILE DATE: 01/10/2002
FILE TIME: 02:52

X CENTROID: 0.200
Y CENTROID: -0.021
POA TO CENTROID: 0.201
HORZ SPREAD: 1.564
VERT SPREAD: 2.257
GROUP SPREAD: 2.302
MIN RADIUS: 0.054
MAX RADIUS: 1.399
MEAN RADIUS: 0.566
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.123	0.173
2:	0.014	1.365
3:	-0.435	-0.067
4:	0.280	0.297
5:	0.282	0.020
6:	0.310	-0.117
7:	0.193	-0.116
8:	-0.441	-0.892
9:	0.423	-0.878
10:	0.249	0.001

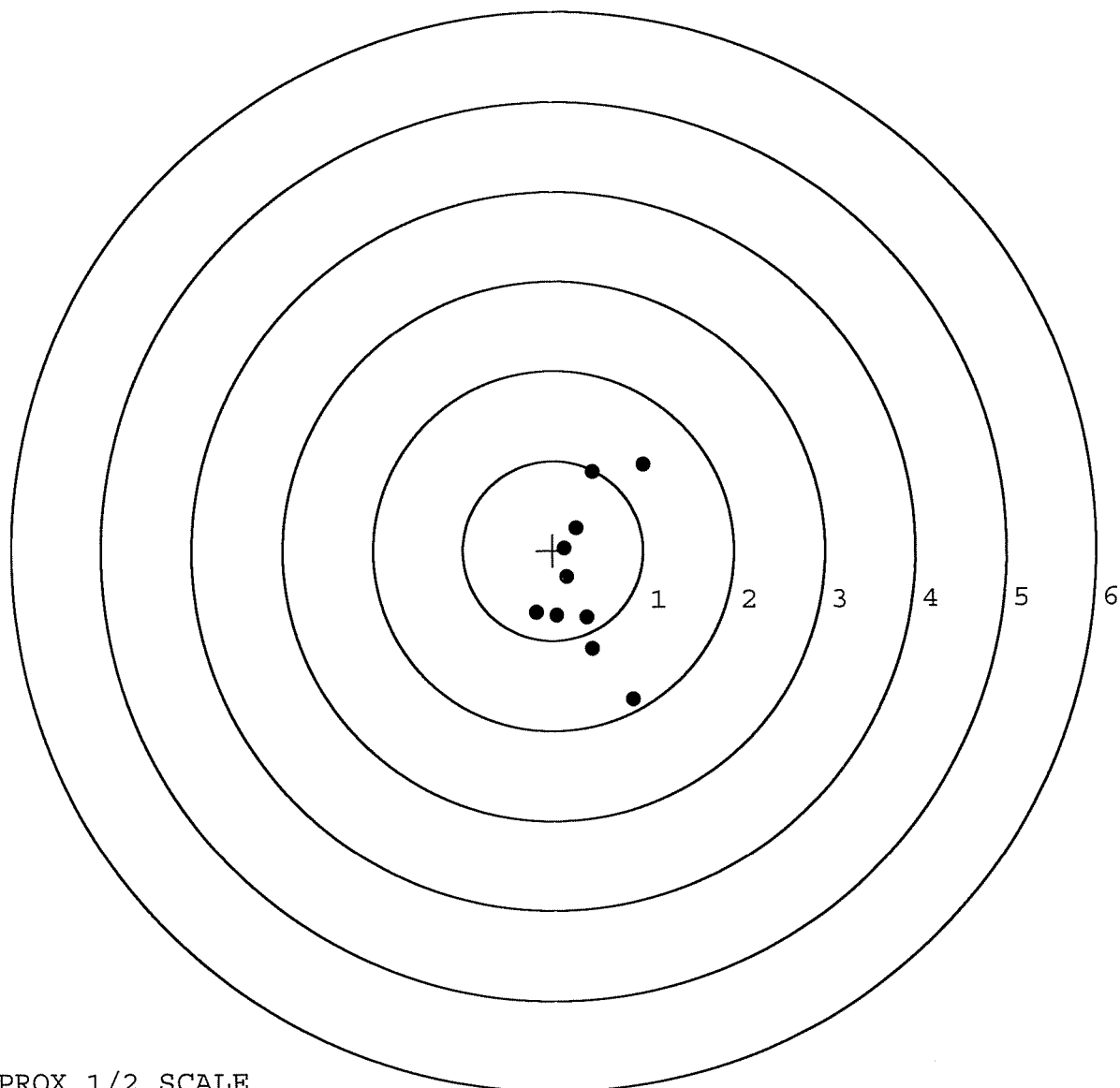


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594527. __0
TARGET NUMBER: 2
FILE DATE: 01/10/2002
FILE TIME: 02:52

X CENTROID: 0.354
Y CENTROID: -0.312
POA TO CENTROID: 0.472
HORZ SPREAD: 1.194
VERT SPREAD: 2.609
GROUP SPREAD: 2.612
MIN RADIUS: 0.197
MAX RADIUS: 1.442
MEAN RADIUS: 0.764
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.003	0.955
2:	0.441	0.875
3:	0.884	-1.654
4:	0.437	-1.098
5:	0.376	-0.748
6:	0.042	-0.730
7:	-0.191	-0.695
8:	0.264	0.252
9:	0.129	0.024
10:	0.157	-0.306



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594527. 0

TARGET NUMBER: 3

FILE DATE: 01/10/2002

FILE TIME: 02:52

X CENTROID: 0.111

Y CENTROID: -0.098

POA TO CENTROID: 0.148

HORZ SPREAD: 1.115

VERT SPREAD: 2.883

GROUP SPREAD: 3.065

MIN RADIUS: 0.229

MAX RADIUS: 1.996

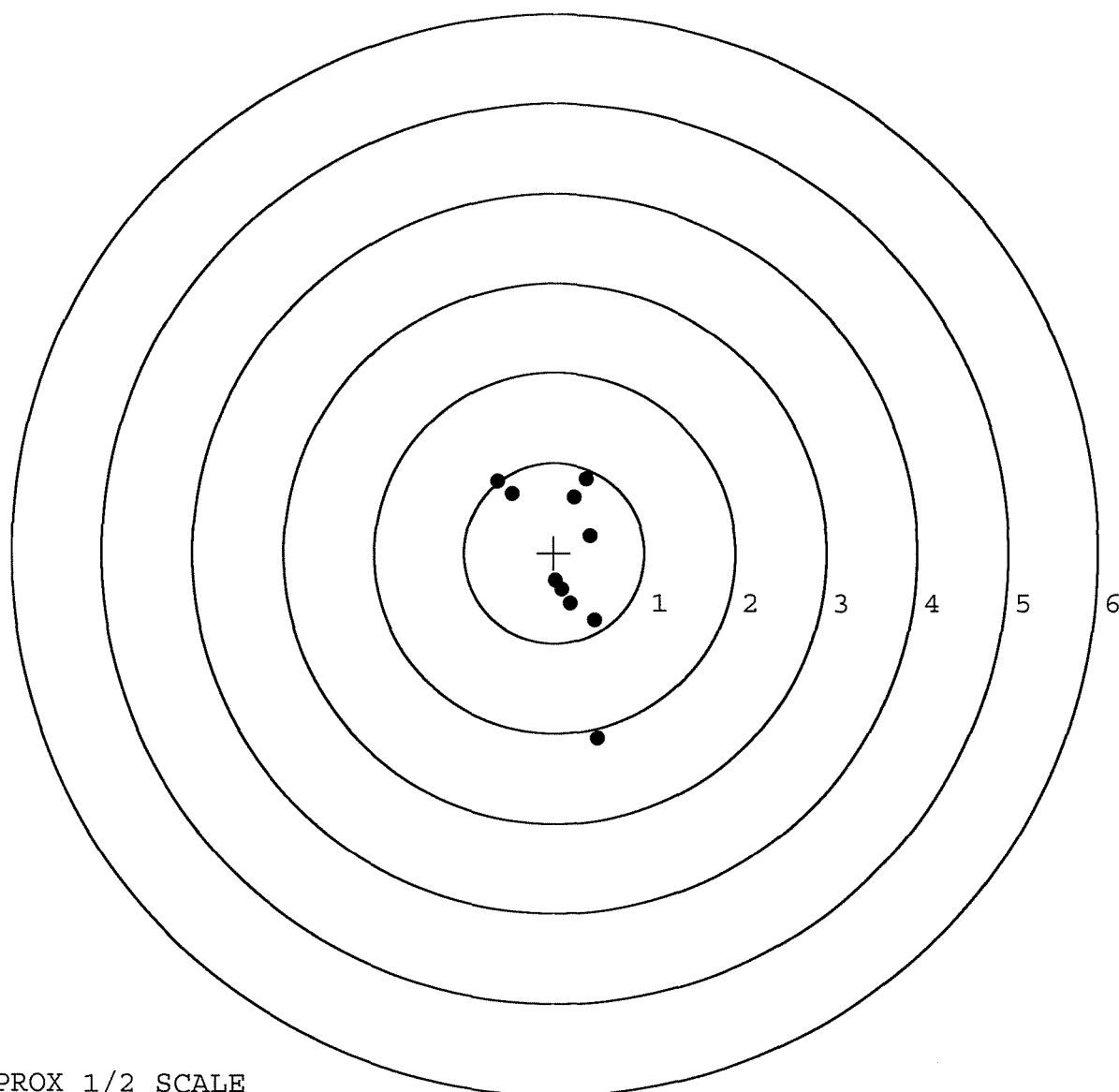
MEAN RADIUS: 0.794

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.356	0.825
2:	0.220	0.618
3:	-0.628	0.797
4:	-0.467	0.659
5:	0.403	0.198
6:	0.016	-0.307
7:	0.180	-0.561
8:	0.453	-0.742
9:	0.487	-2.058
10:	0.087	-0.411



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594527. 0

TARGET NUMBER: 4

FILE DATE: 01/10/2002

FILE TIME: 02:52

X CENTROID: 0.111

Y CENTROID: 0.119

POA TO CENTROID: 0.163

HORZ SPREAD: 1.491

VERT SPREAD: 1.664

GROUP SPREAD: 2.022

MIN RADIUS: 0.238

MAX RADIUS: 1.193

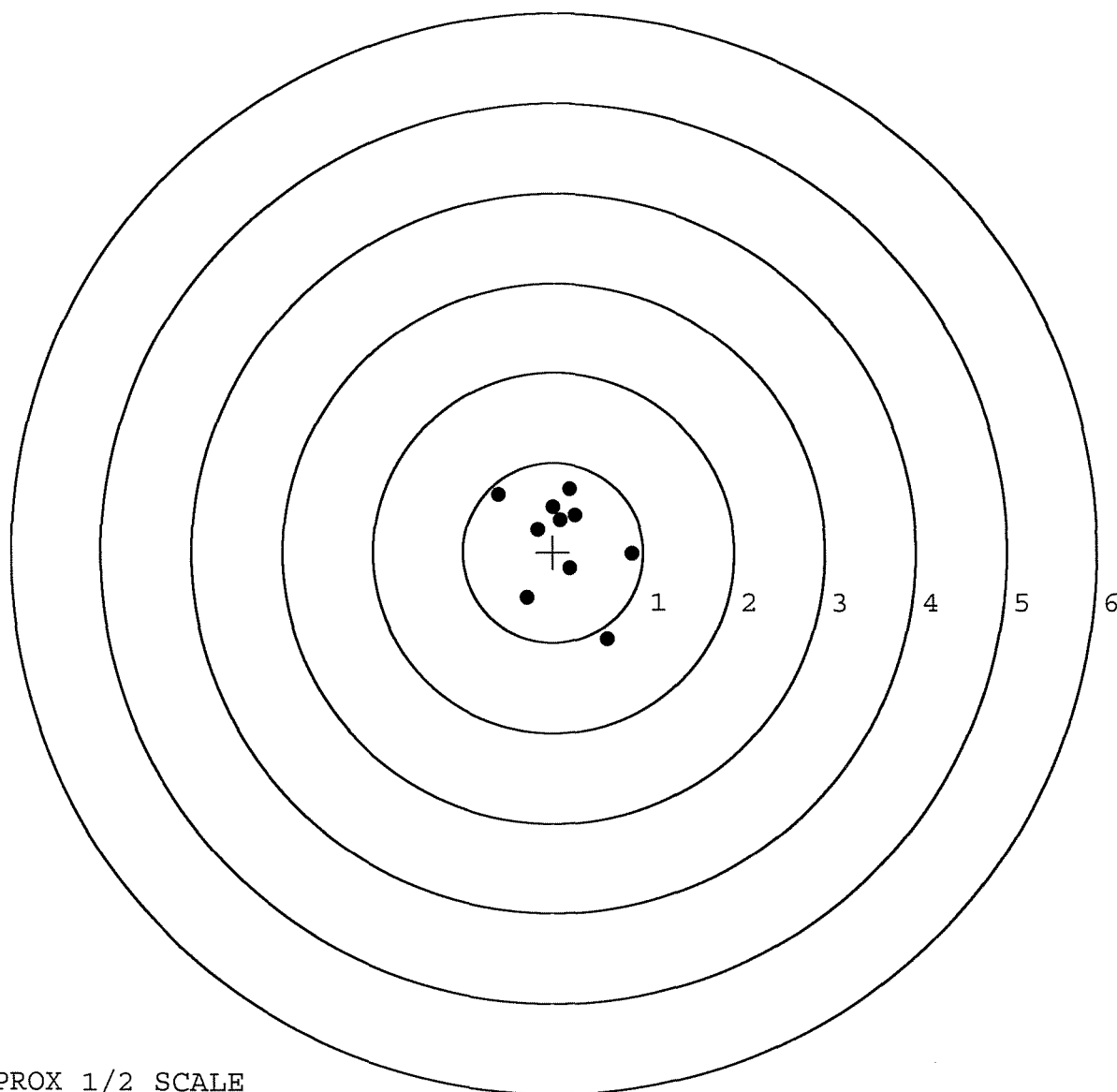
MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.880	-0.015
2:	0.613	-0.963
3:	0.187	-0.185
4:	-0.289	-0.510
5:	-0.611	0.646
6:	-0.168	0.253
7:	0.185	0.701
8:	-0.007	0.504
9:	0.074	0.355
10:	0.242	0.408

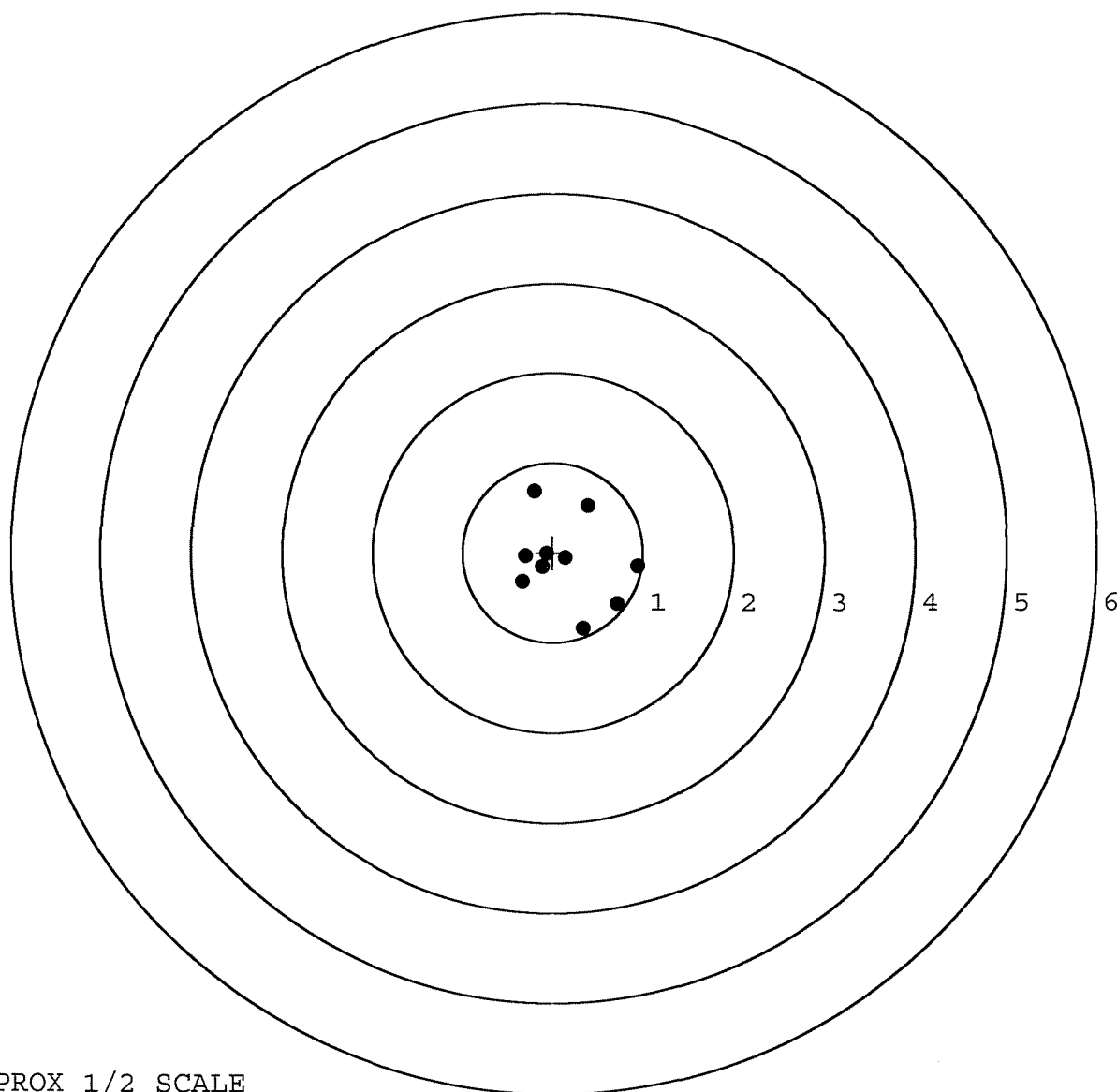


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594527. 0
TARGET NUMBER: 5
FILE DATE: 01/10/2002
FILE TIME: 02:52

X CENTROID: 0.151
Y CENTROID: -0.099
POA TO CENTROID: 0.180
HORZ SPREAD: 1.277
VERT SPREAD: 1.533
GROUP SPREAD: 1.629
MIN RADIUS: 0.035
MAX RADIUS: 0.860
MEAN RADIUS: 0.538
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.391	0.526
2:	-0.208	0.682
3:	0.943	-0.155
4:	0.717	-0.575
5:	0.344	-0.851
6:	0.145	-0.065
7:	-0.305	-0.044
8:	-0.068	-0.017
9:	-0.334	-0.333
10:	-0.119	-0.162



TARGET APPROX 1/2 SCALE

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6594527

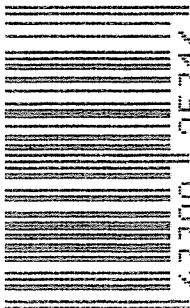
ORDER NO.
5716

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



5716 C6594527

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C4594527

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/27/90	KS
600	Proof		12/27/90	KS
607	Check Headspace		12/27/90	KS
610	Dis-assemble Gun		12/27/90	KS
612	Magnaflux Barrel Action		11/9/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GB
617 ¹	Drill and Tap Sight Holes	1 10 91		KB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/30/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/30/91	KS
	C) Inspect Ejector Hole for Chamfer		1/30/91	KS
	D) Oil Firing Pin Ass'y		1/30/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/31/91	JA

op. #	OP. NAME	READINGS					DATE	INIT.
625 cont.	F) Safety On Force	5	5	5			1/31/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			1/31/91	WB
	H) Trigger Pull Test & Retainability						1/31/91	JP
	I) Firing Pin Indent	.0205	.0205	.0205			1/31/91	WB
	J) Assemble Stock						1/31/91	KS
	K) Assemble Swivel Studs						2-19-91	A
	L) Attach Front and Rear Sight Assemblies						1/31/91	KS
	M) Iron Sight Alignment						1/31/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/31/91	KS
	O) Attach Scope to Rifle						1/31/91	KS
	P) Detach & Attach Scope 20 Times						1/31/91	KS
640	Gallery Target & Test						2-5-91	DH
	A) Time						2-5-91	DH
	B) Malfunctions						2-5-91	DH
	C) Pierced Primers						2-5-91	DH
	D) Optical Clarity of Scope						2-5-91	DH
645	Inspect for Live Ammo						2-5-91	DH
655	Final Inspection							
	A) Headspace						2-19-91	A
	B) Trigger Pull	2.49	2.40	2.25	2.27	2.31	2/18/91	WB
	C) Function						2-19-91	A
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# $\pm$.50#

3.00# $\pm$.75#

4.00# $\pm$ 1.00#

SERIAL NO. C6594527

DATE 1-31-91

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.31	2.35	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.21	2.30	2.40	
PULL #3	2.36	2.20	2.33	2.25	
PULL #4	2.41	2.30	2.38	2.27	
PULL #5	2.25	2.31	2.34	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.47		
PULL #2	3.45	3.42		
PULL #3	3.20	3.42		
PULL #4	3.55	3.43		
PULL #5	3.34	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.49		4.14
PULL #2	4.26	4.50		4.34
PULL #3	4.28	4.30		4.33
PULL #4	4.20	4.32		4.27
PULL #5	4.28	4.30		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594527
6 Feb 1991

Govt

CENTROIDAL DISTANCES

0 TO	1	.235308
1 TO	2	.372871
1 TO	3	.518441
1 TO	4	.515461
1 TO	5	.296987

$\begin{matrix} 3 \\ 4+1 \\ 2 \end{matrix}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145929
THE AMR FOR THIS RIFLE IS: 1.011

Gov't

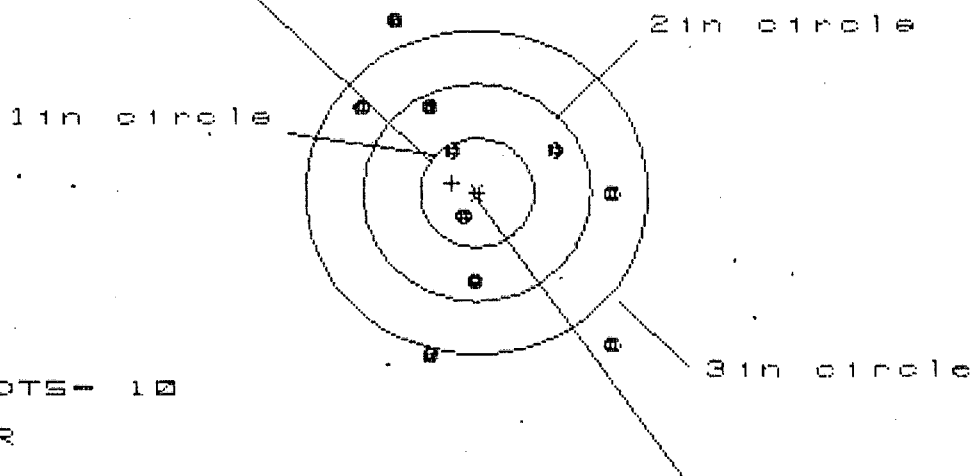
6 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594527\

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.148

VS= 3.005

GS= 3.517

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.140	1.261	1.189
MINIMUM X	:	-1.008	-.882	-.954
MAXIMUM Y	:	1.543	1.381	.850
MINIMUM Y	:	-1.462	-1.624	-1.451
CENTROID X	:	.217	.091	.163
CENTROID Y	:	-.091	.071	-.102
POA TO CENTROID in.	:	.236	.115	.192
MIN RADIUS	:	.252	.308	.230
MEAN RADIUS	:	1.076	.973	.900
MAX RADIUS	:	1.848	1.656	1.505
HORIZONTAL SPREAD	:	2.148	2.143	2.143
VERTICAL SPREAD	:	3.005	3.005	2.301

EXTREME	SPREAD :	3.517	3.015	2.367
NUMBER IN ONE	INCH CIRCLE	=	1	
NUMBER IN TWO	INCH CIRCLE	=	5	
NUMBER IN THREE	INCH CIRCLE	=	7	

6 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06594527

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.538

VS = 2.089

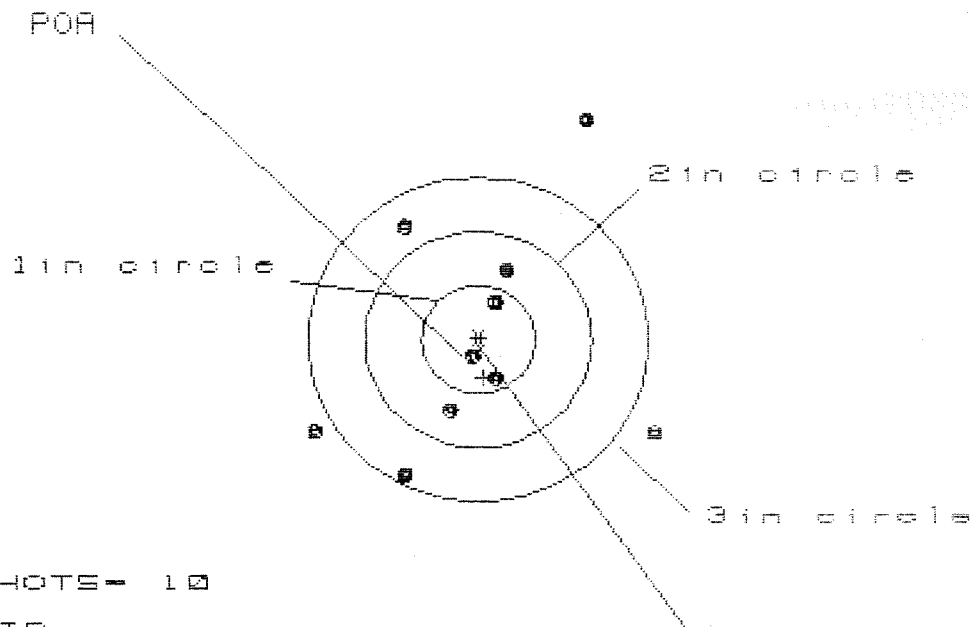
GS = 3.072

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.499	1.326	.896
MINIMUM X	:	-1.039	-.873	-.707
MAXIMUM Y	:	.982	.990	.872
MINIMUM Y	:	-1.107	-.997	-1.115
CENTROID X	:	.340	.174	.008
CENTROID Y	:	-.443	-.553	-.435
POA TO CENTROID in.	:	.559	.579	.435
MIN RADIUS	:	.538	.616	.484
MEAN RADIUS	:	1.048	.955	.847
MAX RADIUS	:	1.792	1.626	1.192
HORIZONTAL SPREAD	:	2.538	2.199	1.603
VERTICAL SPREAD	:	2.089	1.987	1.987
EXTREME SPREAD	:	3.072	2.748	2.016
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594527

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.963

VS= 3.263

GS= 3.700

CENTROID #

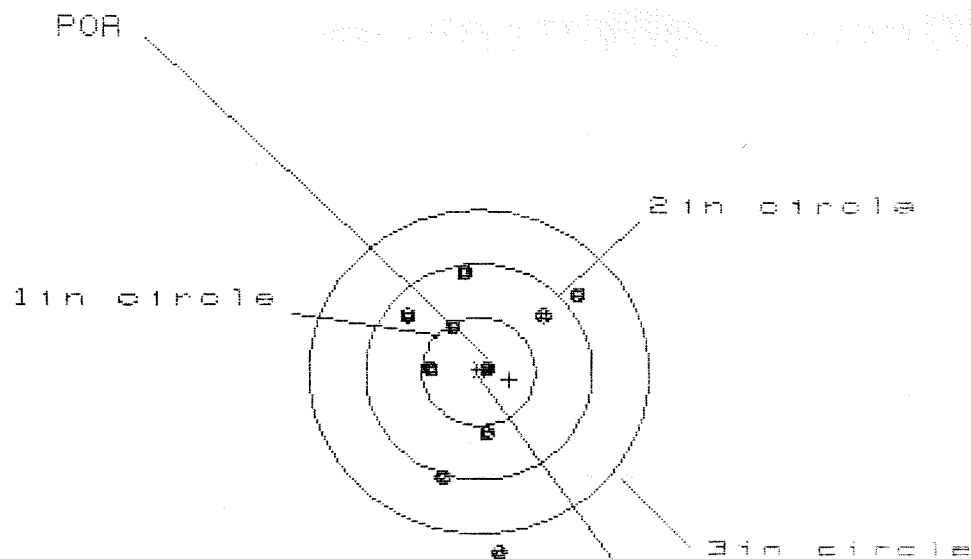
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.557	1.666	.572
MINIMUM X	:	-1.406	-1.297	-1.089
MAXIMUM Y	:	2.021	1.242	1.168
MINIMUM Y	:	-1.242	-1.018	-1.092
CENTROID X	:	-.049	-.158	-.367
CENTROID Y	:	.354	.130	.204
POA TO CENTROID in.	:	.358	.205	.419
MIN RADIUS	:	.213	.037	.231
MEAN RADIUS	:	1.058	.893	.815
MAX RADIUS	:	2.247	1.768	1.270
HORIZONTAL SPREAD	:	2.963	2.963	1.660
VERTICAL SPREAD	:	3.263	2.260	2.260
EXTREME SPREAD	:	3.700	2.963	2.260
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Feb 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.518

VS= 2.668

GS= 2.682

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.885	.899	.664
MINIMUM X	-.633	-.619	-.507
MAXIMUM Y	.952	.761	.833
MINIMUM Y	-1.716	-1.211	-1.139
CENTROID X	-.271	-.285	-.397
CENTROID Y	.075	.266	.194
POA TO CENTROID in.	.281	.390	.442
MIN RADIUS	.112	.229	.267
MEAN RADIUS	.804	.681	.620
MAX RADIUS	1.721	1.242	1.150
HORIZONTAL SPREAD	1.518	1.518	1.171
VERTICAL SPREAD	2.668	1.972	1.972
EXTREME SPREAD	2.682	2.140	1.977
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

6 Feb 1991

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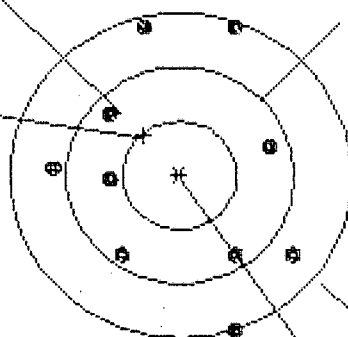
CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.003

VS= 2.804

GS= 2.922

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.970

1.023

1.096

MINIMUM X

-1.113

-1.060

-.987

MAXIMUM Y

1.392

1.235

1.382

MINIMUM Y

-1.412

-.892

-.745

CENTROID X

.316

.263

.190

CENTROID Y

-.371

-.214

-.361

POA TO CENTROID in.

.487

.339

.408

MIN RADIUS

.599

.574

.474

MEAN RADIUS

1.067

1.012

.951

MAX RADIUS

1.491

1.358

1.400

HORIZONTAL SPREAD

2.083

2.083

2.083

VERTICAL SPREAD

2.804

2.127

2.127

EXTREME SPREAD

2.922

2.502

2.502

NUMBER IN ONE

INCH CIRCLE

= 0

