

C6611671

MODEL 700™ M24

Model **SMS**™

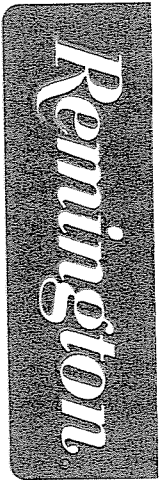
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Number: **RE00076713**Serial: C6611671 Model 700 Center Fire Caliber 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 2/2/2004 12:48:30 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **DEL SUPPLY AND SERVICE****DEL SUPPLY AND SERVICE**Address 1: **ATTN FSSI LEONARD CULLIVER****ATTN FSSI LEONARD CULLIVER**Address 2: **PO Box:****PO Box:**City: **FORT RUCKER****FORT RUCKER**State: **AL**Zip Code: **36362**Country: **US**State: **AL**Zip Code: **36362**Country: **US**

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A008	With Swivel	1
A017	Scope Base	2
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search

Refresh

Close

naglej

2/2/2004

1:27 PM

CARE

NUM

INS

SCPL

start

2

Serial
Number:**C6611671**Model: **700****RE00076713**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611671.___0

FILE DATE AND TIME: 02/18/2004 07:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.508
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.110
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.227
The Distance from Centroid Target #5 to Centroid Target #1:	0.301

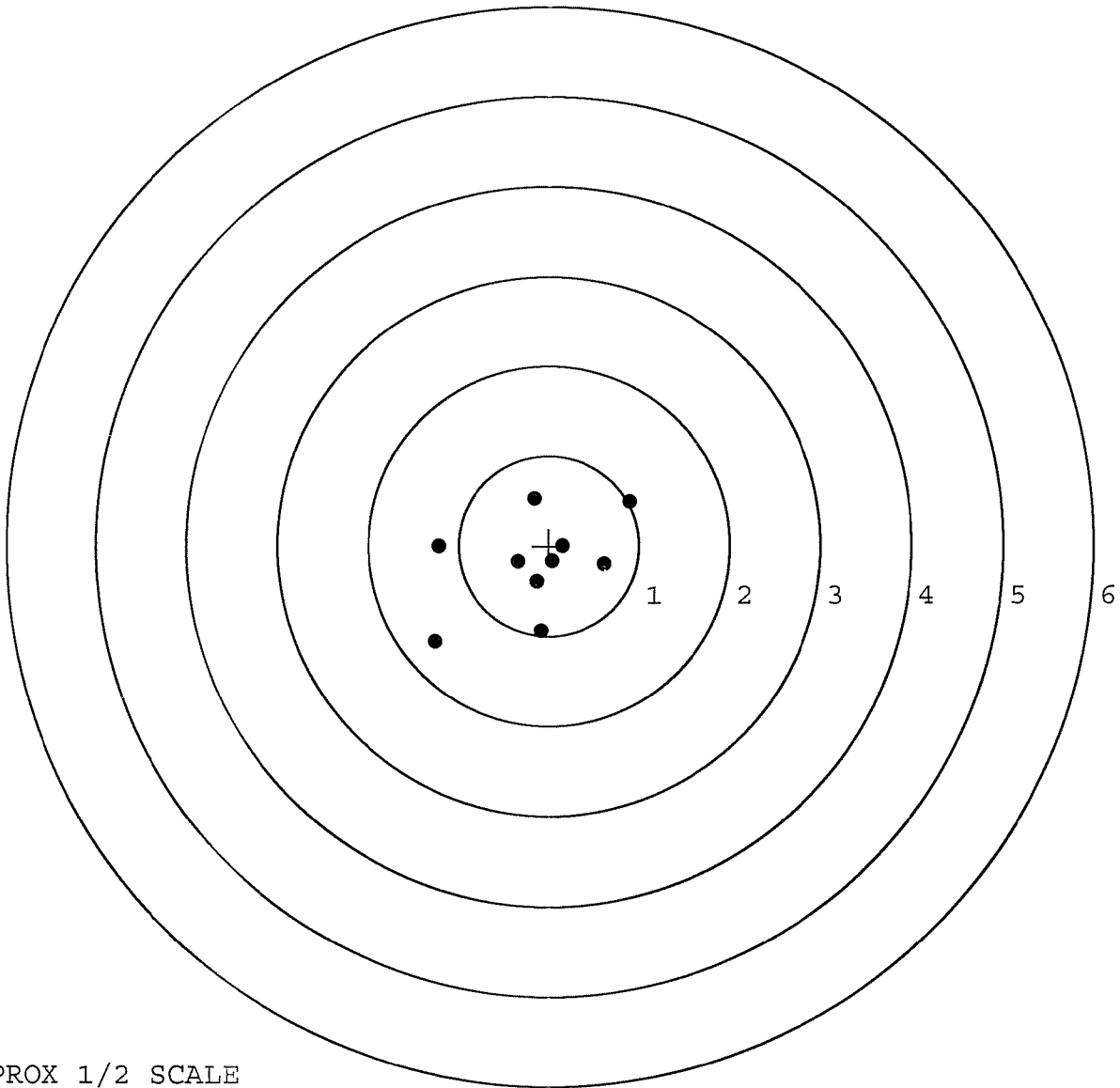
BARBER - M24 0034108

SERIAL NUMBER: C6611671. __0
TARGET NUMBER: 1
FILE DATE: 02/18/2004
FILE TIME: 07:58

X CENTROID: -0.153
Y CENTROID: -0.197
POA TO CENTROID: 0.249
HORZ SPREAD: 2.160
VERT SPREAD: 1.592
GROUP SPREAD: 2.665
MIN RADIUS: 0.191
MAX RADIUS: 1.413
MEAN RADIUS: 0.695

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.263	-1.071
2:	-1.225	-0.007
3:	-0.091	-0.953
4:	0.616	-0.202
5:	0.897	0.490
6:	-0.165	0.521
7:	0.148	0.003
8:	0.040	-0.169
9:	-0.343	-0.179
10:	-0.139	-0.400



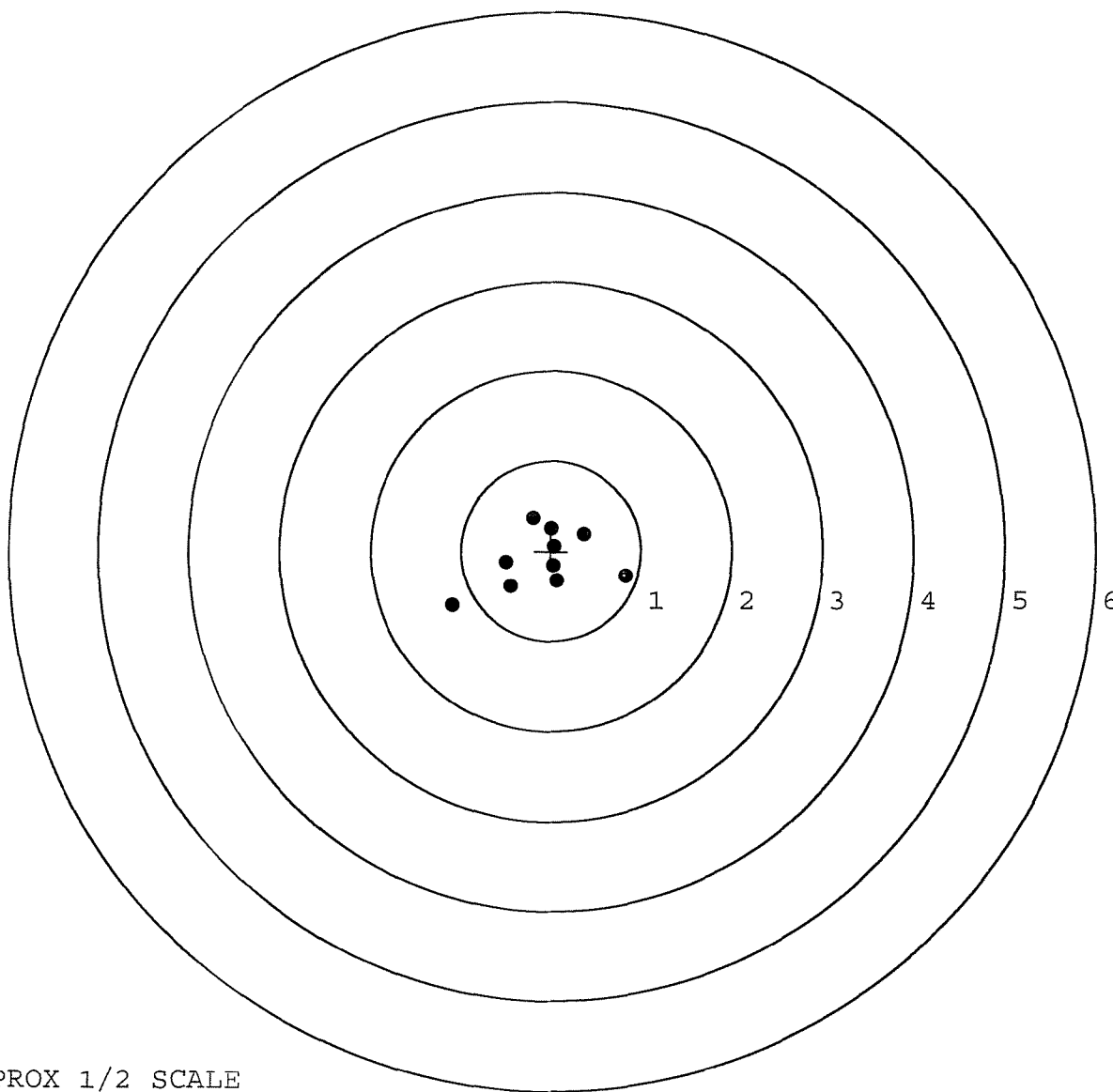
TARGET APPROX 1/2 SCALE

BARBER - M24 0034109

SERIAL NUMBER: C6611671. __0
 TARGET NUMBER: 2
 FILE DATE: 02/18/2004
 FILE TIME: 07:58

X CENTROID: -0.092
 Y CENTROID: -0.105
 POA TO CENTROID: 0.139
 HORZ SPREAD: 1.925
 VERT SPREAD: 0.977
 GROUP SPREAD: 1.953
 MIN RADIUS: 0.139
 MAX RADIUS: 1.123
 MEAN RADIUS: 0.495
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.830	-0.278
2:	-1.095	-0.609
3:	-0.497	-0.133
4:	-0.453	-0.398
5:	-0.205	0.368
6:	0.361	0.189
7:	0.005	0.255
8:	0.066	-0.334
9:	0.033	-0.165
10:	0.037	0.057



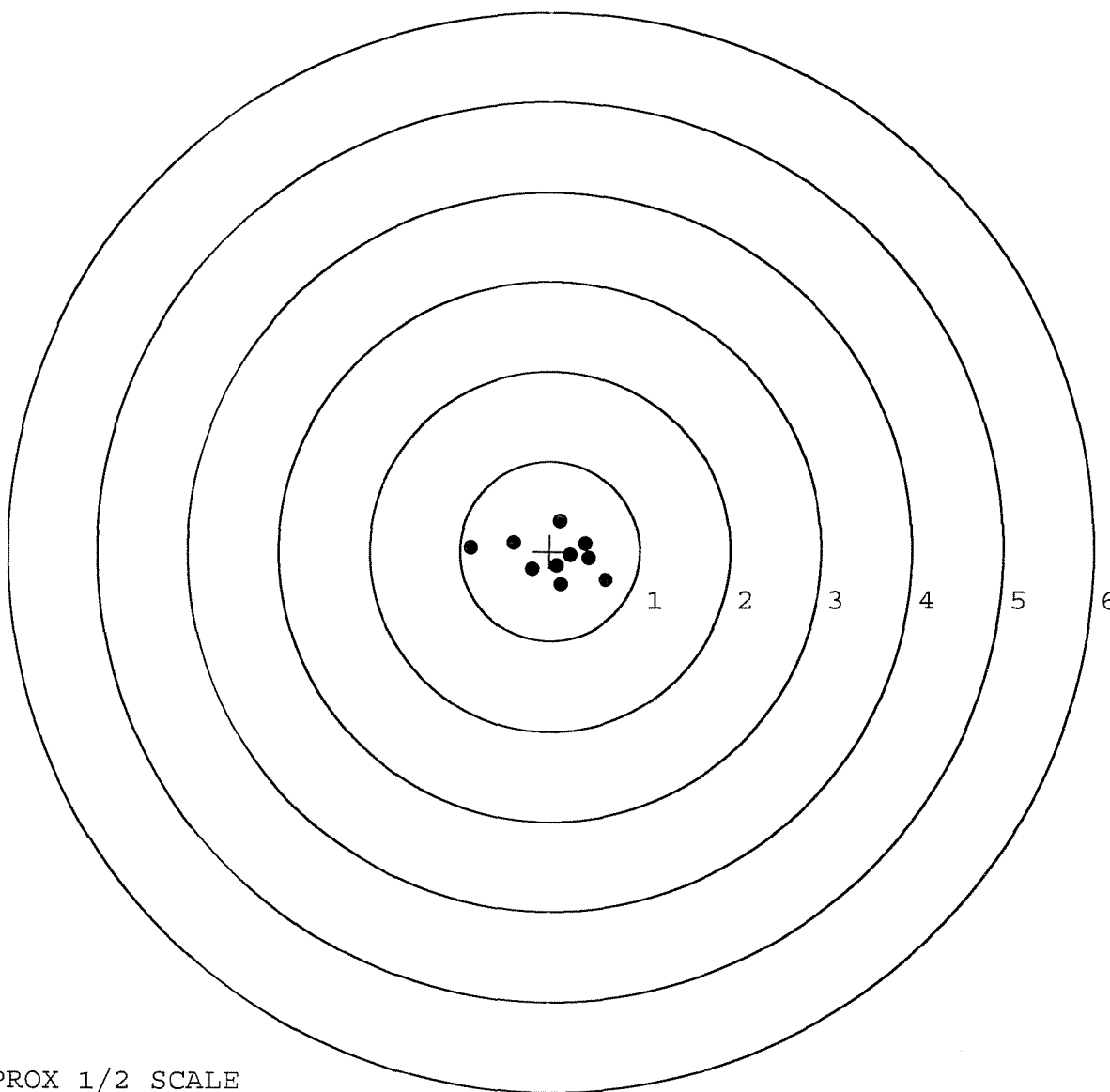
TARGET APPROX 1/2 SCALE

BARBER - M24 0034110

SERIAL NUMBER: C6611671. 0
 TARGET NUMBER: 3
 FILE DATE: 02/18/2004
 FILE TIME: 07:58

X CENTROID: 0.049
 Y CENTROID: -0.063
 POA TO CENTROID: 0.080
 HORZ SPREAD: 1.507
 VERT SPREAD: 0.715
 GROUP SPREAD: 1.553
 MIN RADIUS: 0.104
 MAX RADIUS: 0.938
 MEAN RADIUS: 0.409
 # IN 1 IN DIAMETER: 8
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.405	0.098
2:	-0.883	0.044
3:	0.120	0.337
4:	0.388	0.090
5:	0.624	-0.330
6:	0.121	-0.378
7:	-0.197	-0.202
8:	0.076	-0.163
9:	0.221	-0.044
10:	0.427	-0.080



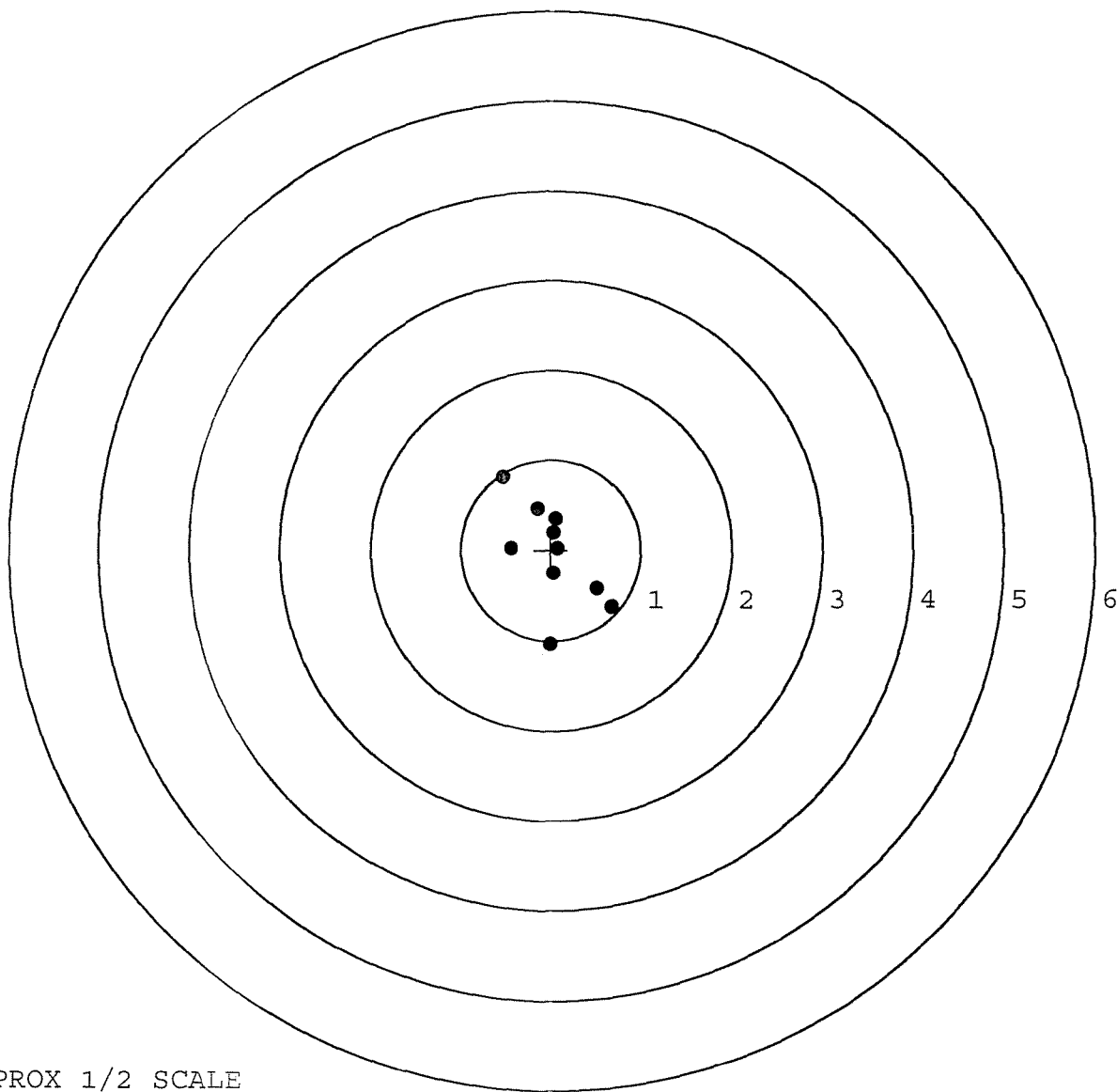
TARGET APPROX 1/2 SCALE

BARBER - M24 0034111

SERIAL NUMBER: C6611671. __0
TARGET NUMBER: 4
FILE DATE: 02/18/2004
FILE TIME: 07:58

X CENTROID: 0.024
Y CENTROID: -0.054
POA TO CENTROID: 0.059
HORZ SPREAD: 1.208
VERT SPREAD: 1.848
GROUP SPREAD: 1.922
MIN RADIUS: 0.089
MAX RADIUS: 1.027
MEAN RADIUS: 0.545
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.671	-0.632
2:	0.511	-0.433
3:	-0.008	-1.041
4:	-0.537	0.807
5:	-0.443	0.015
6:	0.031	-0.262
7:	0.080	0.015
8:	0.028	0.193
9:	0.056	0.342
10:	-0.150	0.459



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

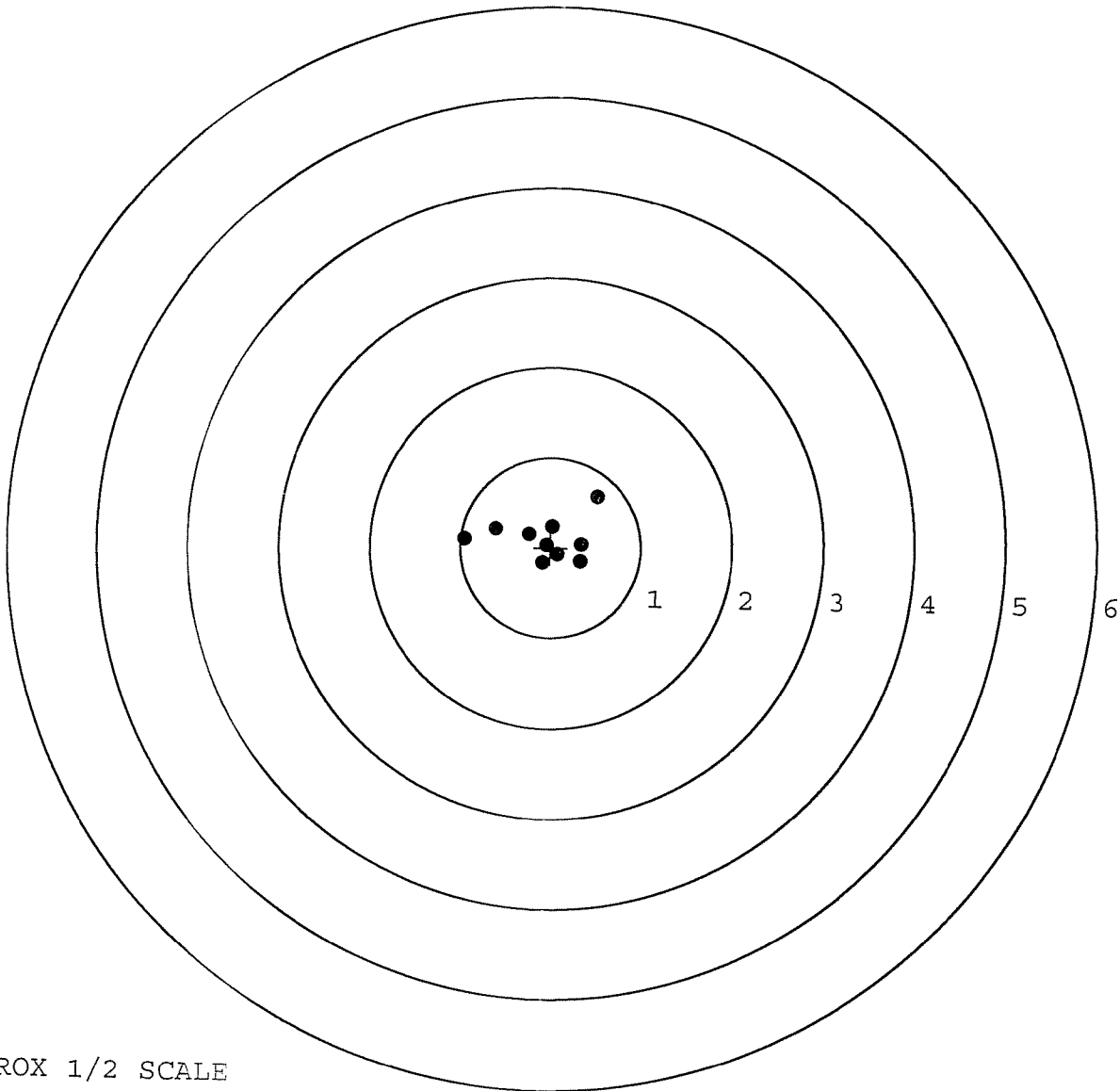
BARBER - M24 0034111 **M2400034150**

BARBER - M24 0034112

SERIAL NUMBER: C6611671. __0
TARGET NUMBER: 5
FILE DATE: 02/18/2004
FILE TIME: 07:58

POINT#	X	Y
1:	0.500	0.579
2:	-0.954	0.083
3:	-0.614	0.202
4:	0.329	-0.150
5:	0.335	0.046
6:	0.019	0.235
7:	0.079	-0.075
8:	-0.090	-0.169
9:	-0.242	0.149
10:	-0.052	0.030

X CENTROID: -0.069
Y CENTROID: 0.093
POA TO CENTROID: 0.116
HORZ SPREAD: 1.454
VERT SPREAD: 0.748
GROUP SPREAD: 1.536
MIN RADIUS: 0.065
MAX RADIUS: 0.885
MEAN RADIUS: 0.396
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0034113

R & E NUMBER

076713

SERIAL NUMBER

C6611671

LOG-IN DATE

2/2/04

INSPECT AND VERIFY:

OPERATION #

OPERATION NAME

DATE

INITIAL

550

DIS-ASSEMBLE GUN

2/2/04

RW

560 A

RE-BARREL

2-3-04

RTL

B

DRILL AND TAP

2-3-04

TRW

575

ASSEMBLE

2-3-04

RTL

600

PROOF

2-3-04

AC

605

CHECK HEADSPACE

2-3-04

AC

610

DIS-ASSEMBLE GUN

2-3-04

RW

612

MAGNAFLUX

RR

615

ROLLMARK CALIBER

2/4/04

AB

618

ROTO-BLAST

2-5-04

CK

620

APPLY COATINGS

2-12

TA

625 A

FINAL ASSEMBLY

2-17-04

RTL

B

TRIGGER PULL TEST

C

SAFETY "ON" FORCE

D

SAFETY "OFF" FORCE

E

FIRING PIN INDENT

640

TARGET

2-18-04

TRW

655

FINAL INSPECT

2-20-04

RTL

660

PACK

2-23-04

OA

SHIP DATE

QAR INSPECTION DATE

Remington [®]		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24		SERIAL NO. C6611671	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		20	



5716 C6611671



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611671

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	11
615	Rollmark Caliber	APR	2 1991	LS
617	Drill and Tap Sight Holes	APR	5 1991	FB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/23/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/23/91	RL
	G) Safety Off Force	3	3	3			4/23/91	RL
	H) Trigger Pull Test & Retainability						4/23/91	RL
	I) Firing Pin Indent	10215	1021	10215			4/23/91	RL
	J) Assemble Stock						4/30/91	RW
	K) Assemble Swivel Studs						5-1-91	DH
	L) Attach Front and Rear Sight Assemblies						4/30/91	RW
	M) Iron Sight Alignment						4/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/30/91	RW
	O) Attach Scope to Rifle						4/30/91	RW
	P) Detach & Attach Scope 20 Times						4/30/91	RW
640	Gallery Target & Test						4-30-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-30-91	NF
655	Final Inspection							
	A) Headspace						5-11-91	DH
	B) Trigger Pull	261	235	239	239	243	5/10/91	RL
	C) Function						5-11-91	DH
660	Pack						6-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611671

DATE 4/23/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.24	2.28	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.22	2.26	2.35	
PULL #3	2.29	2.22	2.23	2.39	
PULL #4	2.32	2.24	2.29	2.39	
PULL #5	2.31	2.23	2.30	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.50		
PULL #2	3.39	3.53		
PULL #3	3.48	3.54		
PULL #4	3.41	3.48		
PULL #5	3.26	3.49		
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	4.43		4.47
PULL #2	4.17	4.32		4.46
PULL #3	4.56	4.33		4.42
PULL #4	4.37	4.39		4.48
PULL #5	4.20	4.32		4.52
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611671
30 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.297893
1 TO 2	.481889
1 TO 3	.291606
1 TO 4	.129248
1 TO 5	.188661

3
4

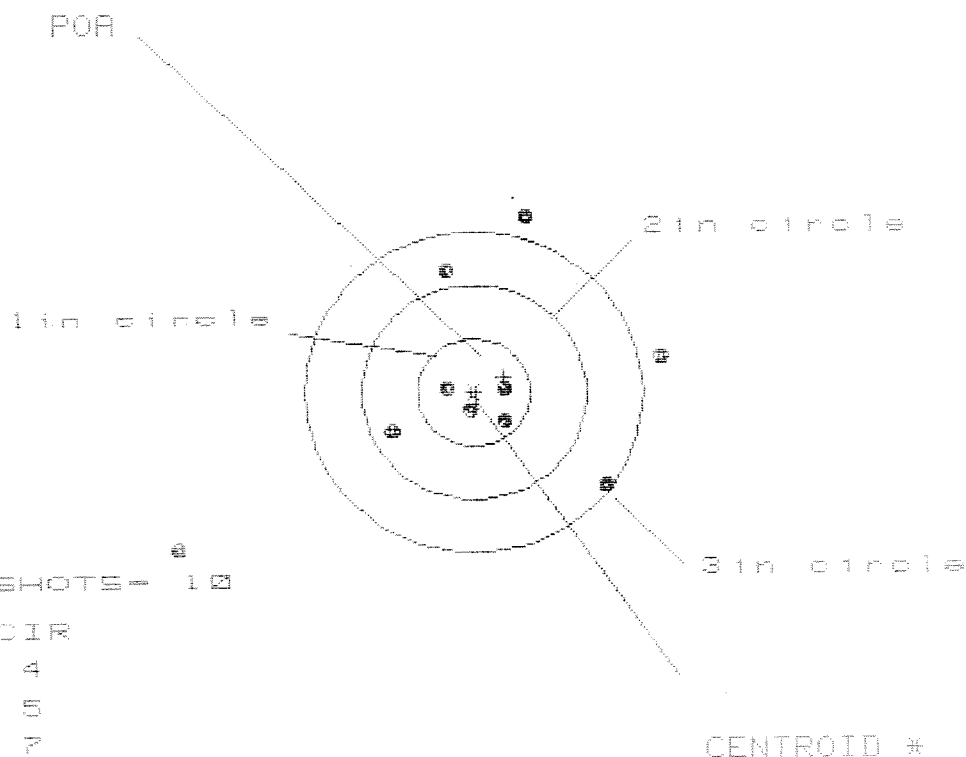
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .143451
THE AMR FOR THIS RIFLE IS: .9308

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611671

CENTERFIRE PATTERNS # 1

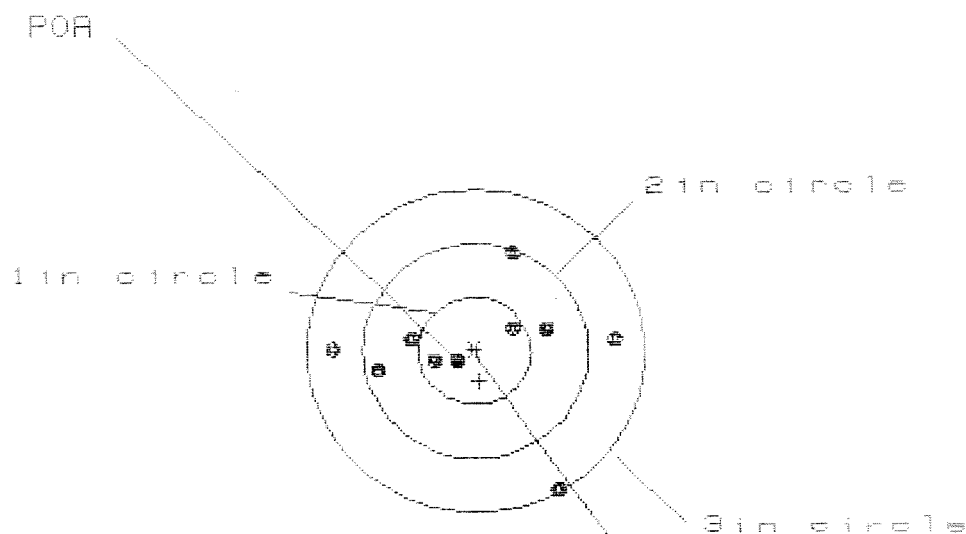


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.709	1.416	1.026
MINIMUM X	-2.634	-1.037	-0.860
MAXIMUM Y	1.649	1.486	1.502
MINIMUM Y	-1.474	-1.072	-1.056
CENTROID X	-0.264	.029	-.148
CENTROID Y	-.138	.025	.009
POA TO CENTROID in.	.298	.038	.149
MIN RADIUS	.195	.097	.173
MEAN RADIUS	1.104	.898	.801
MAX RADIUS	3.018	1.497	1.545
HORIZONTAL SPREAD	4.343	2.453	1.886
VERTICAL SPREAD	3.123	2.558	2.558
EXTREME SPREAD	4.690	2.643	2.643
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611671

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 2.496

VS = 2.176

GS = 2.498

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.285	1.282	1.130
MINIMUM X	:	-1.291	-1.214	-.894
MAXIMUM Y	:	.940	.803	.785
MINIMUM Y	:	-1.236	-.343	-.361
CENTROID X	:	-.035	-.112	.040
CENTROID Y	:	.286	.423	.441
POA TO CENTROID in.	:	.288	.437	.443
MIN RADIUS	:	.201	.255	.257
MEAN RADIUS	:	.787	.784	.640
MAX RADIUS	:	1.417	1.283	1.132
HORIZONTAL SPREAD	:	2.496	2.496	2.024
VERTICAL SPREAD	:	2.176	1.146	1.146
EXTREME SPREAD	:	2.498	2.498	2.046
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611671

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 7

3in = 10

HS = 2.0000

VS = 1.546

GS = 2.107

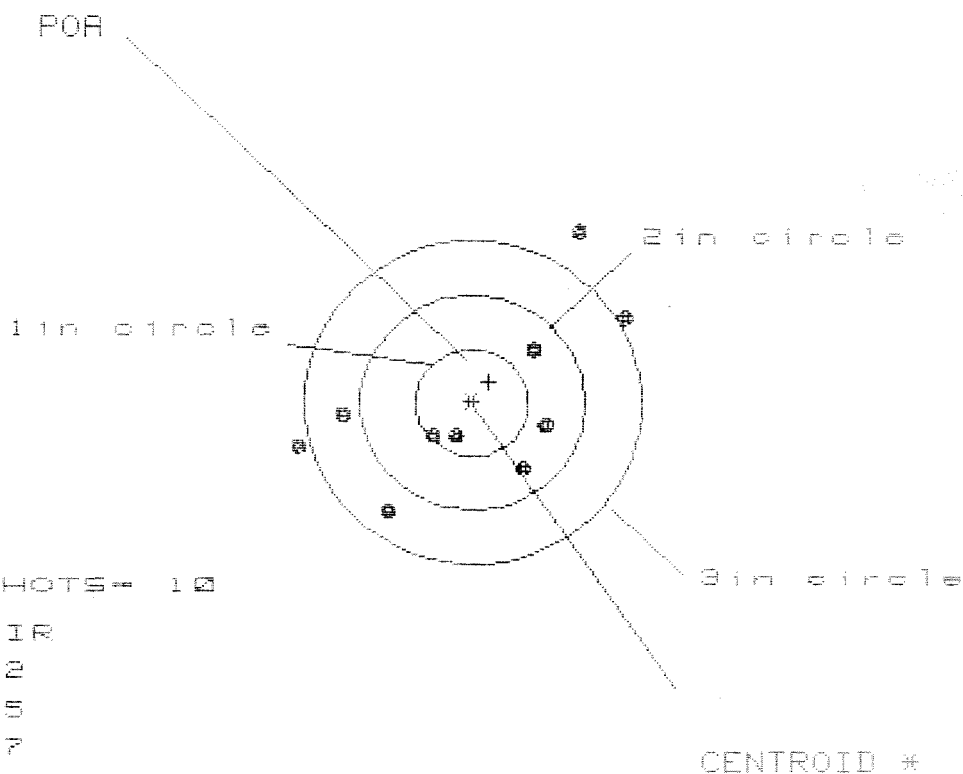
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.990	.868	.754
MINIMUM X	:	-1.098	-.956	-1.070
MAXIMUM Y	:	.791	.788	.693
MINIMUM Y	:	-.755	-.758	-.652
CENTROID X	:	-.119	.003	.117
CENTROID Y	:	.115	.118	.213
POR TO CENTROID in.	:	.165	.118	.243
MIN RADIUS	:	.629	.612	.528
MEAN RADIUS	:	.905	.870	.797
MAX RADIUS	:	1.099	1.188	1.137
HORIZONTAL SPREAD	:	2.088	1.824	1.824
VERTICAL SPREAD	:	1.546	1.546	1.345
EXTREME SPREAD	:	2.107	2.045	1.876
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611671

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 2.899

VS = 2.557

GS = 3.228

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.365	1.472	.959
MINIMUM X	-1.533	-1.426	-1.242
MAXIMUM Y	1.600	1.012	.825
MINIMUM Y	-.957	-.779	-.653
CENTROID X	-.148	-.255	-.439
CENTROID Y	-.195	-.373	-.499
POA TO CENTROID in.	.245	.452	.665
MIN RADIUS	.378	.173	.098
MEAN RADIUS	1.054	.915	.767
MAX RADIUS	1.869	1.786	1.250
HORIZONTAL SPREAD	2.898	2.898	2.201
VERTICAL SPREAD	2.557	1.791	1.478
EXTREME SPREAD	3.228	3.167	2.294
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

30 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611671

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 8

3 in = 10

HS = 2.172

VS = 1.445

GS = 2.188

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.138	.720	.687
MINIMUM X	-1.034	-.907	-.708
MAXIMUM Y	.823	.766	.729
MINIMUM Y	-.622	-.679	-.716
CENTROID X	-.147	-.274	-.161
CENTROID Y	.010	.067	.104
POA TO CENTROID in.	.148	.282	.191
MIN RADIUS	.539	.460	.446
MEAN RADIUS	.804	.737	.707
MAX RADIUS	1.247	.976	.879
HORIZONTAL SPREAD	2.172	1.627	1.314
VERTICAL SPREAD	1.445	1.445	1.445
EXTREME SPREAD	2.188	1.850	1.683
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	