

C6611399

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00085651** Serial: C6611399 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/28/2004 2:37:31 PM

Verify Repair

Address Information

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

Name: **C CO SPT BN 1ST SWTG A** **C CO SPT BN 1ST SWTG A**

Address 1: **AHN ARMAMENT FACILITY** **AHN ARMAMENT FACILITY**

Address 2: PO Box: PO Box:

City: **FT BRAGG** **FT 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:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search Refresh Close

naqlet 9/28/2004 2:50 PM CAPS NUM INS SCPL

start 2 3 4

Serial Number: **C6611399**

Model: **M24 SWS**



RE00085651

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 10-12-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.50		2.52	
PULL #2	2.40	2.54		2.42	
PULL #3	2.43	2.53		2.48	
PULL #4	2.49	2.51		2.53	
PULL #5	2.38	2.42		2.52	
TOTAL	12.24	12.50		12.47	
AVERAGE	2.44	2.50		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.38		
PULL #2	3.42	3.32		
PULL #3	3.37	3.29		
PULL #4	3.33	3.31		
PULL #5	3.32	3.34		
TOTAL	16.89	16.64		
AVERAGE	3.37	3.32		

	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	4.17	4.10		4.34
PULL #2	4.11	4.09		4.24
PULL #3	4.21	4.15		4.33
PULL #4	4.13	4.09		4.30
PULL #5	4.13	4.10		4.26
TOTAL	20.75	20.53		21.47
AVERAGE	4.15	4.10		4.29

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611399.___0
FILE DATE AND TIME: 11/01/2004 11:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

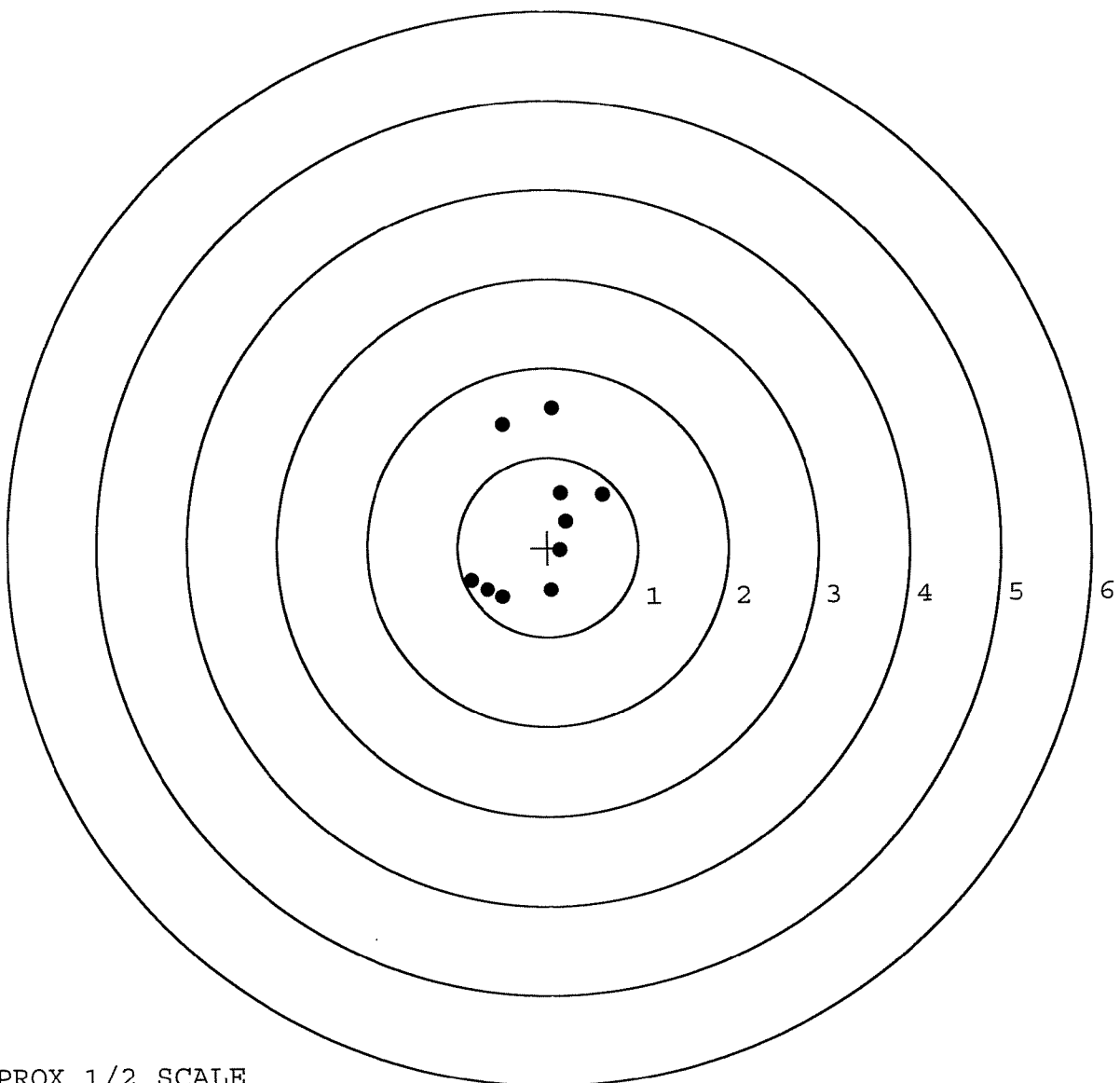
The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.220
The Distance from Centroid Target #3 to Centroid Target #1:	0.345
The Distance from Centroid Target #4 to Centroid Target #1:	0.340
The Distance from Centroid Target #5 to Centroid Target #1:	0.205

BARBER - M24 0076178

SERIAL NUMBER: C6611399. __0
TARGET NUMBER: 1
FILE DATE: 11/01/2004
FILE TIME: 11:56

POINT#	X	Y
1:	0.615	0.581
2:	0.065	1.547
3:	-0.483	1.368
4:	-0.850	-0.365
5:	-0.668	-0.470
6:	-0.505	-0.547
7:	0.039	-0.474
8:	0.135	-0.029
9:	0.203	0.291
10:	0.152	0.602

X CENTROID: -0.130
Y CENTROID: 0.250
POA TO CENTROID: 0.282
HORZ SPREAD: 1.465
VERT SPREAD: 2.094
GROUP SPREAD: 2.170
MIN RADIUS: 0.335
MAX RADIUS: 1.311
MEAN RADIUS: 0.794
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



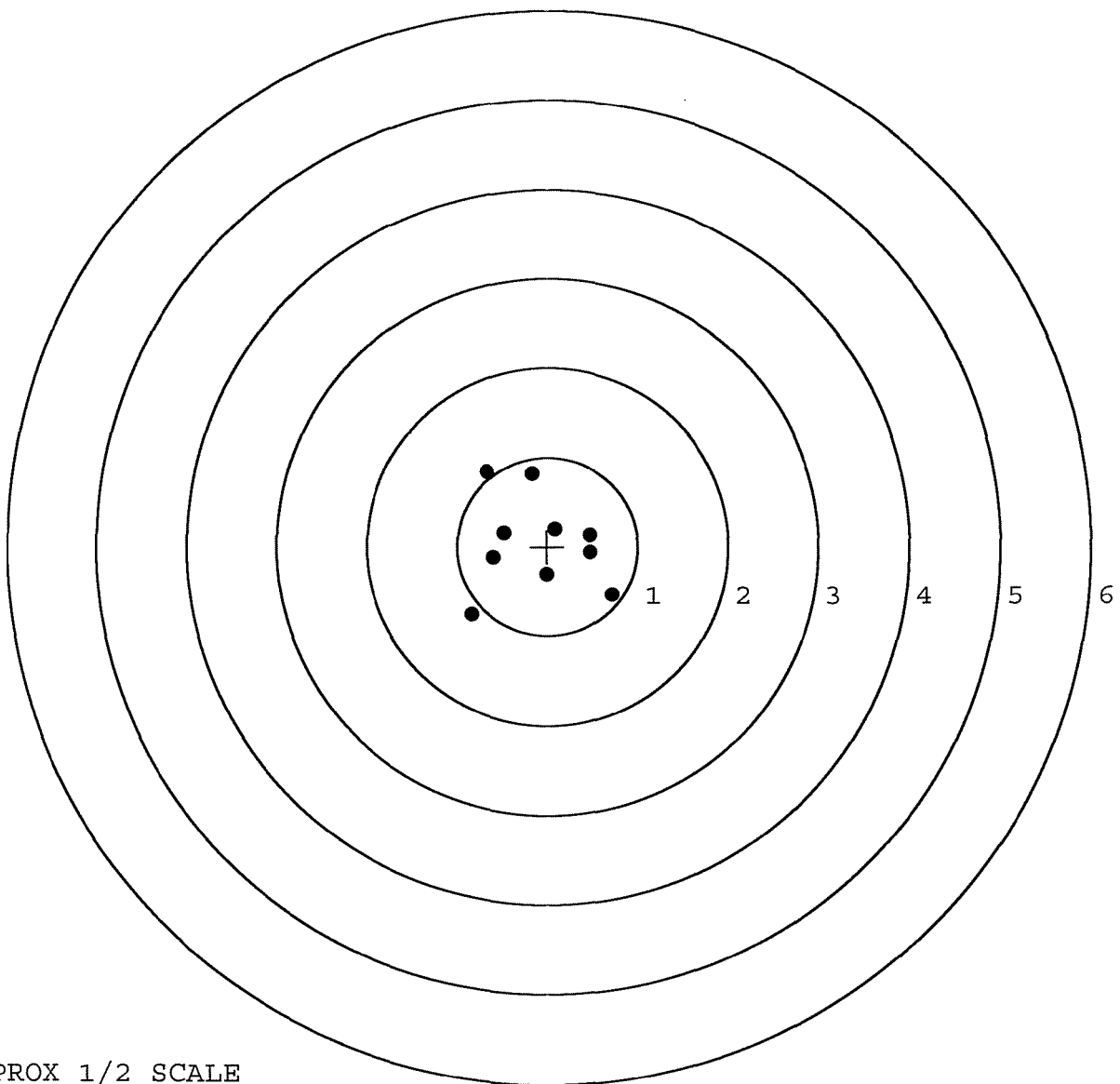
TARGET APPROX 1/2 SCALE

BARBER - M24 0076179

SERIAL NUMBER: C6611399. __0
 TARGET NUMBER: 2
 FILE DATE: 11/01/2004
 FILE TIME: 11:56

X CENTROID: -0.101
 Y CENTROID: 0.032
 POA TO CENTROID: 0.106
 HORZ SPREAD: 1.560
 VERT SPREAD: 1.607
 GROUP SPREAD: 1.728
 MIN RADIUS: 0.253
 MAX RADIUS: 1.095
 MEAN RADIUS: 0.657
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.715	-0.541
2:	-0.170	0.820
3:	-0.668	0.836
4:	-0.480	0.159
5:	-0.595	-0.124
6:	-0.845	-0.771
7:	-0.009	-0.315
8:	0.090	0.197
9:	0.480	-0.071
10:	0.470	0.130



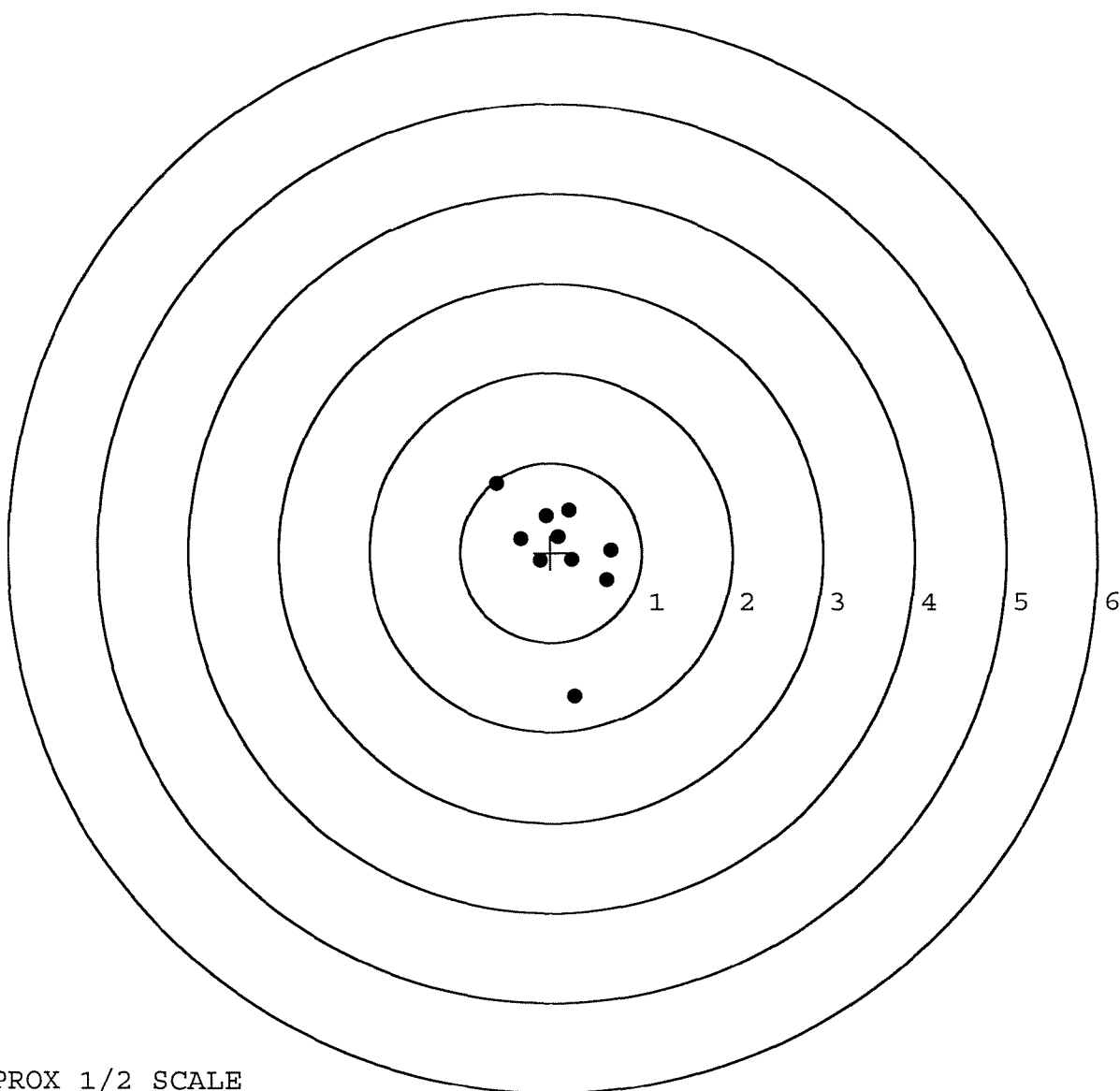
TARGET APPROX 1/2 SCALE

BARBER - M24 0076180

SERIAL NUMBER: C6611399. __0
TARGET NUMBER: 3
FILE DATE: 11/01/2004
FILE TIME: 11:56

X CENTROID: 0.096
Y CENTROID: -0.010
POA TO CENTROID: 0.097
HORZ SPREAD: 1.261
VERT SPREAD: 2.367
GROUP SPREAD: 2.518
MIN RADIUS: 0.152
MAX RADIUS: 1.602
MEAN RADIUS: 0.576
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.618	-0.307
2:	0.664	0.023
3:	0.263	-1.603
4:	-0.597	0.764
5:	0.200	0.467
6:	0.229	-0.084
7:	-0.055	0.407
8:	-0.115	-0.093
9:	-0.330	0.151
10:	0.083	0.174



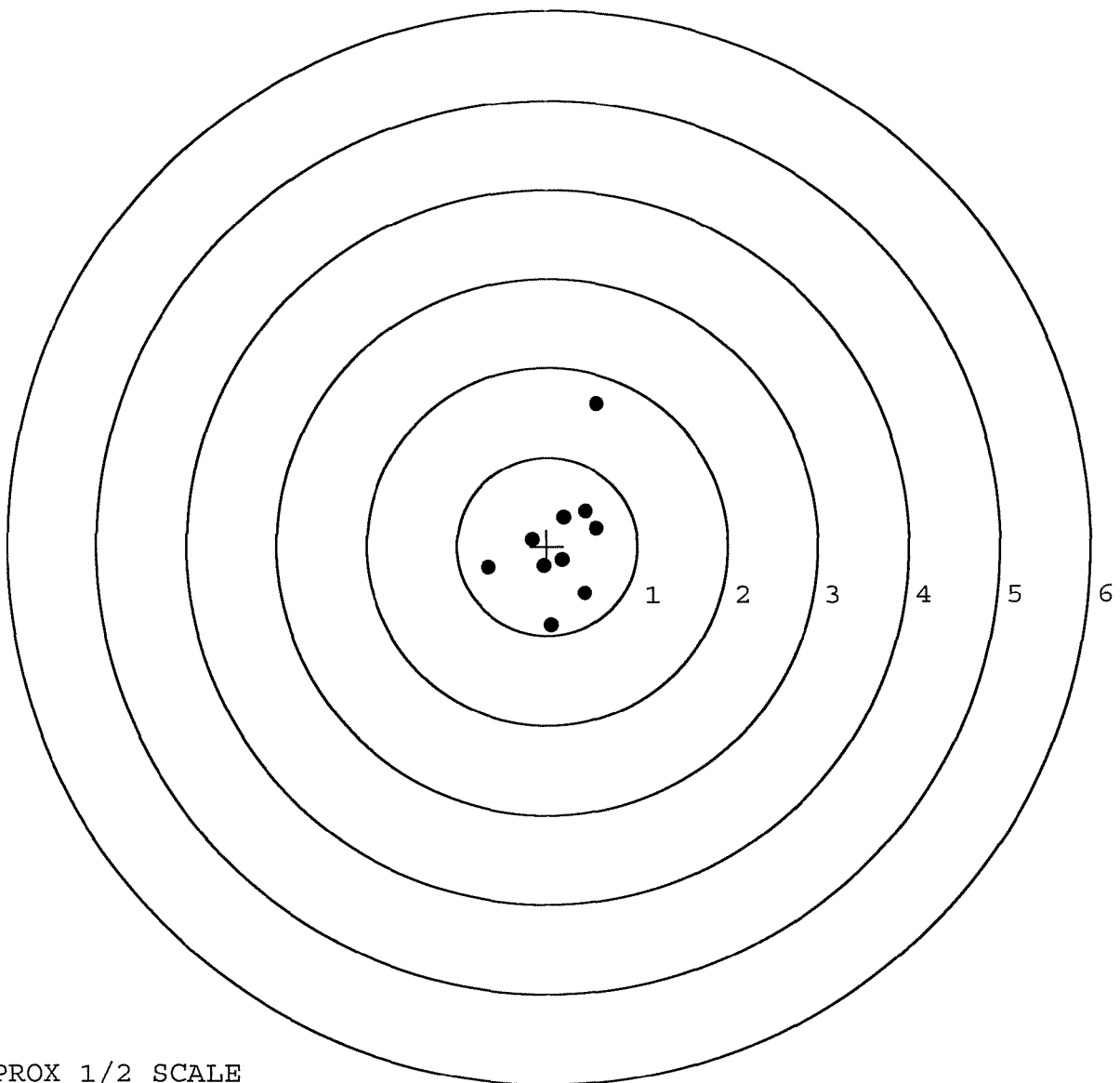
TARGET APPROX 1/2 SCALE

BARBER - M24 0076181

SERIAL NUMBER: C6611399. __ 0
 TARGET NUMBER: 4
 FILE DATE: 11/01/2004
 FILE TIME: 11:56

X CENTROID: 0.148
 Y CENTROID: 0.054
 POA TO CENTROID: 0.158
 HORZ SPREAD: 1.202
 VERT SPREAD: 2.483
 GROUP SPREAD: 2.534
 MIN RADIUS: 0.210
 MAX RADIUS: 1.592
 MEAN RADIUS: 0.603
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.418	-0.539
2:	0.041	-0.888
3:	-0.653	-0.241
4:	0.549	1.595
5:	0.544	0.205
6:	0.425	0.393
7:	0.185	0.321
8:	-0.160	0.074
9:	0.172	-0.155
10:	-0.039	-0.224



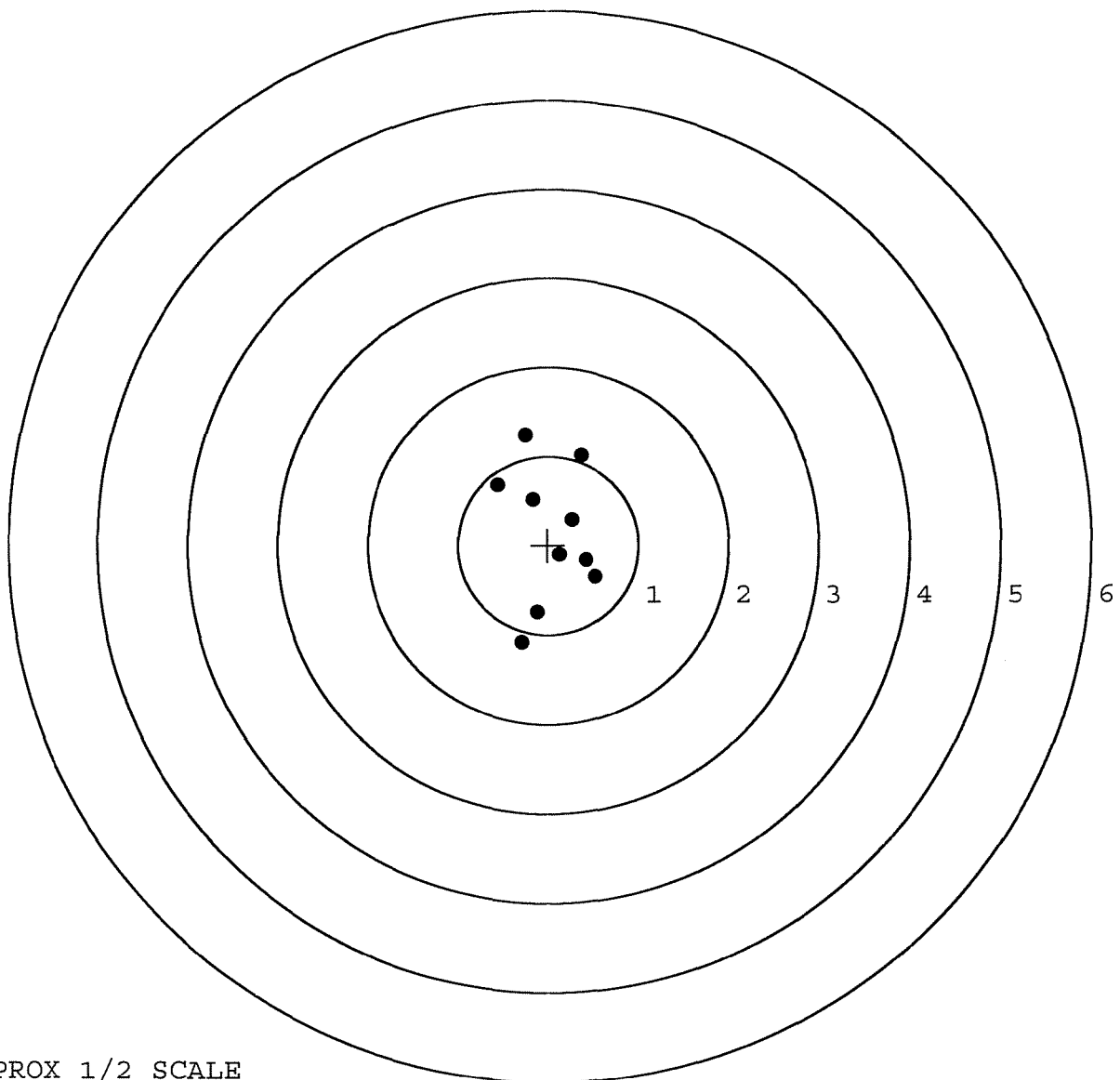
TARGET APPROX 1/2 SCALE

BARBER - M24 0076182

SERIAL NUMBER: C6611399. __0
TARGET NUMBER: 5
FILE DATE: 11/01/2004
FILE TIME: 11:56

X CENTROID: 0.031
Y CENTROID: 0.123
POA TO CENTROID: 0.127
HORZ SPREAD: 1.080
VERT SPREAD: 2.329
GROUP SPREAD: 2.329
MIN RADIUS: 0.250
MAX RADIUS: 1.257
MEAN RADIUS: 0.721
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.288	-1.093
2:	-0.124	-0.759
3:	-0.173	0.509
4:	0.372	1.011
5:	-0.254	1.236
6:	-0.557	0.675
7:	0.264	0.286
8:	0.128	-0.107
9:	0.423	-0.170
10:	0.523	-0.356



TARGET APPROX 1/2 SCALE

[illegible]

BARBER - M24 0076184

[illegible]

USAPPC V1.10

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0076184 **M2400076223**

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

R & E NUMBER	85651		
SERIAL NUMBER	C6611399		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-04	AC
560 A	RE-BARREL	10-8-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTL
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTL
610	DIS-ASSEMBLE GUN	10-12-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/13/04	CW
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-29-04	RTL
B	TRIGGER PULL TEST	11-3-04	RTA
C	SAFETY "ON" FORCE	11-3-04	RTA
D	SAFETY "OFF" FORCE	11-3-04	RTA
E	FIRING PIN INDENT	11-3-04	RTA
640	TARGET	11-1-04	TRW
655	FINAL INSPECT	11-3-04	AC
660	PACK	11-4-04	RTA
		SHIP DATE	
QAR INSPECTION DATE			

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

MODEL 700TM M24

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. C6611399

ORDER NO. 5716

20

5716 C6611399

UPC

0 47700 25716 7

CFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611399

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25		RW
600	Proof	1 25		RW
607	Check Headspace	1 25		RW
610	Dis-assemble Gun	1 25	91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	LB
618	Polish Barrel <i>RBB</i>	1 30	91	LB
620	Apply Coatings (Barrel Action)		2-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/13/91	JA

op. #	BARBER M24 0076188	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/13/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			2/13/91	WB
	H) Trigger Pull Test & Retainability						2/13/91	X/
	I) Firing Pin Indent	.023	.0225	.0225			2/13/91	WB
	J) Assemble Stock						2/14/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/14/91	RW
	M) Iron Sight Alignment						2/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/14/91	RW
	O) Attach Scope to Rifle						2/14/91	RW
	P) Detach & Attach Scope 20 Times						2/14/91	RW
640	Gallery Target & Test						2-14-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-14-91	NF
655	Final Inspection							
	A) Headspace						2-25-91	AC
	B) Trigger Pull	2.41	2.52	2.19	2.46	2.42	2/21/91	JH
	C) Function						2-25-91	AC
660	Pack						3-19-91	DH

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

SERIAL NO. C6611399
DATE 2/13/91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.41	2.37	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.30	2.18	2.52	
PULL #3	2.51	2.36	2.28	2.19	
PULL #4	2.36	2.41	2.37	2.46	
PULL #5	2.21	2.45	2.24	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.37	3.51		
PULL #2	3.43	3.40		
PULL #3	3.46	3.40		
PULL #4	3.27	3.50		
PULL #5	3.35	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.46		4.18
PULL #2	4.49	4.22		4.47
PULL #3	4.51	4.60		4.26
PULL #4	4.44	4.40		4.37
PULL #5	4.52	4.52		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611399
15 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.174413
1 TO	2	.175
1 TO	3	.290799
1 TO	4	.163355
1 TO	5	.228064

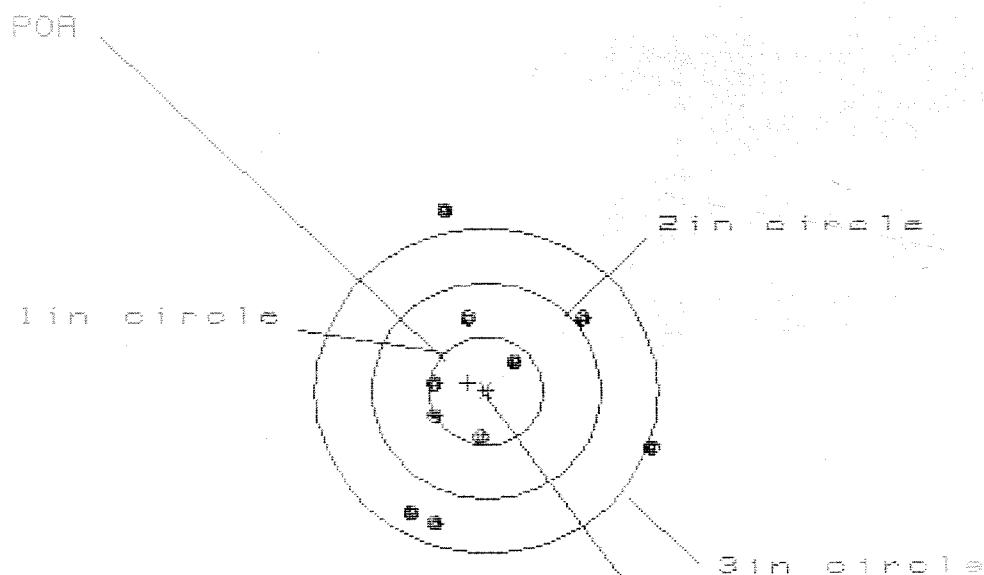
✕ <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1226
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .08
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .146392
THE AMP FOR THIS RIFLE IS: .992

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611399

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.165

VS= 2.880

GS= 2.911

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.493	1.457	1.030
MINIMUM X	-.672	-.708	-.526
MAXIMUM Y	1.707	.899	.852
MINIMUM Y	-1.173	-.984	-1.031
CENTROID X	.156	.192	.010
CENTROID Y	-.078	-.267	-.220
POA TO CENTROID in.	.175	.329	.220
MIN RADIUS	.340	.225	.274
MEAN RADIUS	.943	.850	.730
MAX RADIUS	1.737	1.505	1.319
HORIZONTAL SPREAD	2.165	2.165	1.556
VERTICAL SPREAD	2.880	1.883	1.883
EXTREME SPREAD	2.911	2.346	2.346
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811399

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.458

VS= 3.872

GS= 3.942

CENTROID #

PATTERN #

2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.320	1.334	1.259
MINIMUM X	:	-1.138	-1.124	-1.199
MAXIMUM Y	:	1.671	1.427	.876
MINIMUM Y	:	-2.200	-1.111	-.933
CENTROID X	:	.051	.037	.112
CENTROID Y	:	.062	.307	.129
POA TO CENTROID in.	:	.081	.309	.171
MIN RADIUS	:	.139	.380	.196
MEAN RADIUS	:	1.100	.992	.875
MAX RADIUS	:	2.204	1.548	1.454
HORIZONTAL SPREAD	:	2.458	2.458	2.458
VERTICAL SPREAD	:	3.872	2.538	1.809
EXTREME SPREAD	:	3.942	2.704	2.704
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11399

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.436

VS= 2.559

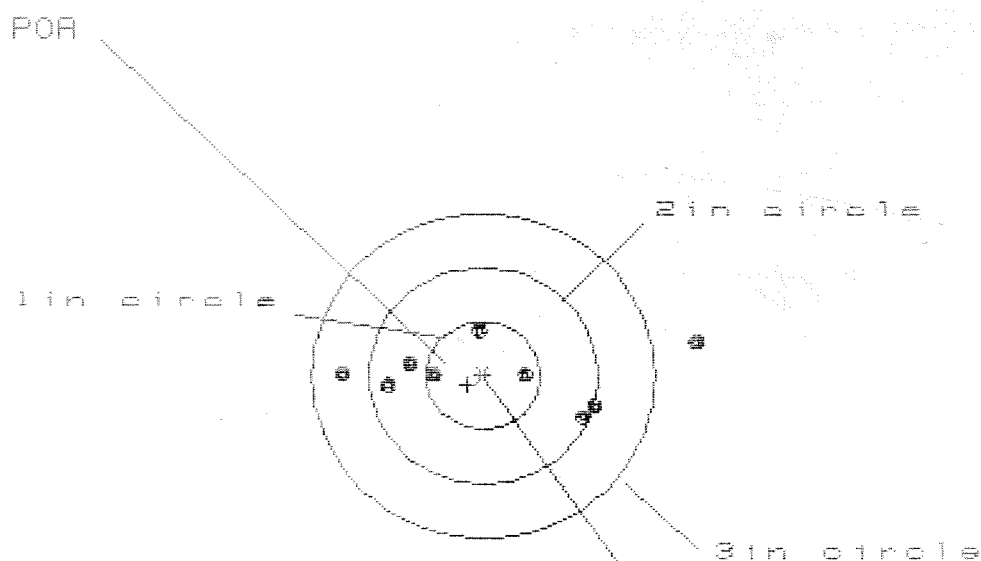
GS= 3.033

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.939	.920	.746
MINIMUM X	-1.497	-1.392	-1.324
MAXIMUM Y	1.543	1.278	1.283
MINIMUM Y	-1.016	-.844	-.839
CENTROID X	.048	-.057	.117
CENTROID Y	.192	.020	.015
POA TO CENTROID in.	.197	.060	.118
MIN RADIUS	.361	.476	.309
MEAN RADIUS	1.058	.967	.861
MAX RADIUS	1.807	1.412	1.560
HORIZONTAL SPREAD	2.436	2.312	2.070
VERTICAL SPREAD	2.559	2.122	2.122
EXTREME SPREAD	3.033	2.458	2.458
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

15 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB11399

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 3.061

VS= .760

GS= 3.079

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.836	1.184	1.057
MINIMUM X	-1.225	-1.021	-.759
MAXIMUM Y	.393	.432	.438
MINIMUM Y	-.367	-.328	-.322
CENTROID X	.135	-.069	.058
CENTROID Y	.084	.045	.039
POA TO CENTROID in.	.159	.083	.070
MIN RADIUS	.382	.246	.373
MEAN RADIUS	.865	.711	.686
MAX RADIUS	1.869	1.202	1.075
HORIZONTAL SPREAD	3.061	2.205	1.816
VERTICAL SPREAD	.760	.760	.760
EXTREME SPREAD	3.079	2.220	1.822
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

15 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611399

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.575

VS = 2.495

GS = 2.784

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.095	.931	.896
MINIMUM X	-1.480	-.873	-.908
MAXIMUM Y	1.299	1.209	1.152
MINIMUM Y	-1.196	-1.286	-1.135
CENTROID X	.223	.387	.422
CENTROID Y	.140	.230	.079
POA TO CENTROID in.	.263	.450	.430
MIN RADIUS	.629	.545	.425
MEAN RADIUS	.994	.890	.822
MAX RADIUS	1.689	1.352	1.267
HORIZONTAL SPREAD	2.575	1.804	1.804
VERTICAL SPREAD	2.495	2.495	2.287
EXTREME SPREAD	2.784	2.499	2.288
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

NUMBER IN TWO INCH CIRCLE =
NUMBER IN THREE INCH CIRCLE =

7
9

BARBER - M24 0076196

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0076196 M2400076235