

C6522123

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 149809
SERIAL NUMBER C6522123
LOG-IN DATE 8-25-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE	Clean - EVALUATE	9-16-08	RTZ
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	(PASS) FAIL	9-20-08	TRW
650	TARGET 2-10 shot gr.	(PASS) FAIL	9-20-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		9-23-08	TRW
	A) HEADSPACE	(PASS) FAIL	9-23-08	TRW
	B) TRIGGER PULL	2.08 2.06 2.07 2.05 2.02	9-23-08	TRW
680	F) SAFETY ON FORCE	2 2 2	9-23-08	TRW
	G) SAFETY OFF FORCE	3 3 3	9-23-08	TRW
	I) FIRING PIN INDENT	.023 .023 .024	9-23-08	TRW
690	PACK		9-24-08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522123.___1

FILE DATE AND TIME: 09/22/2008 05:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

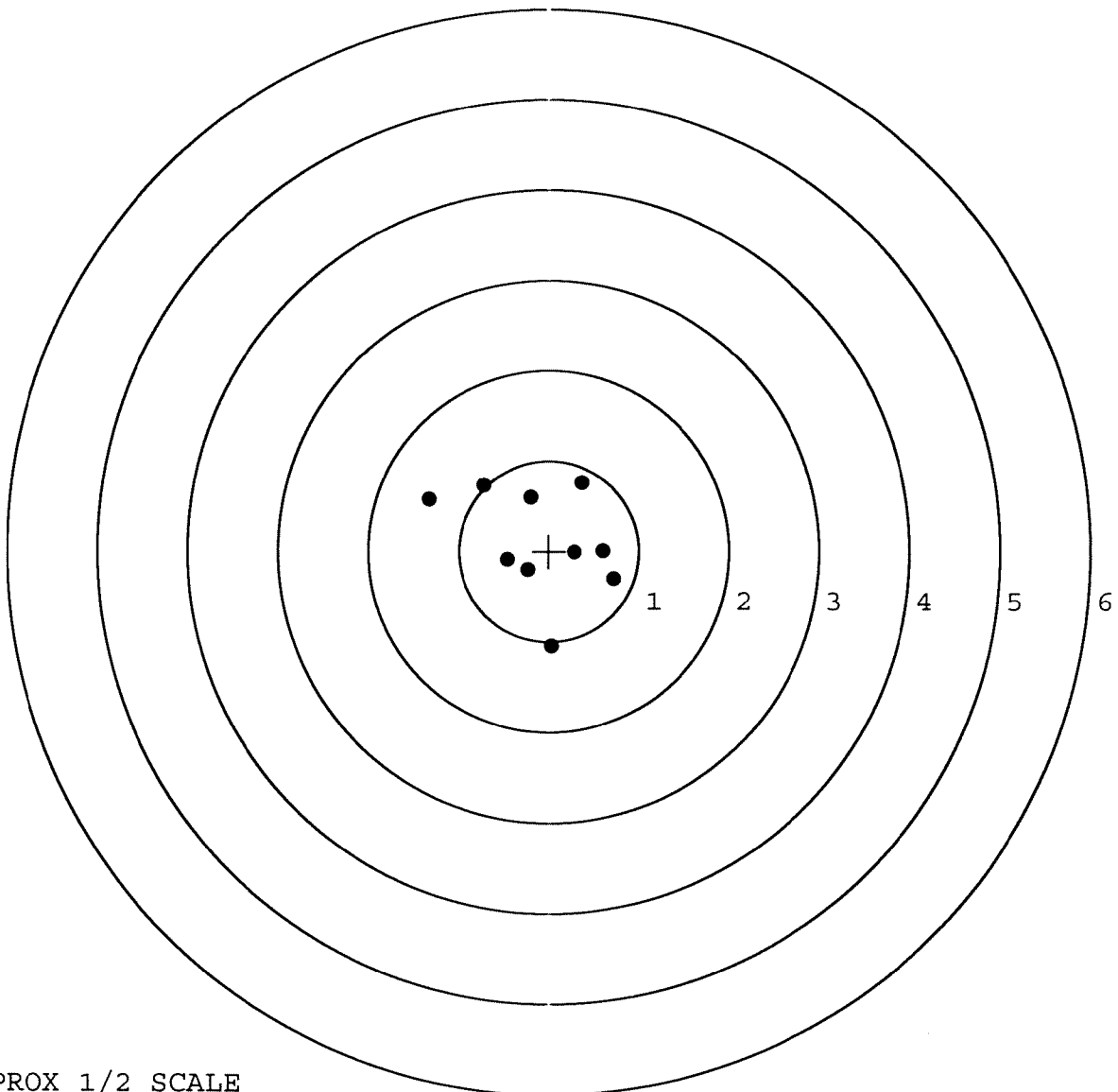
Ave. mean - .590

BARBER - M24 0004125

SERIAL NUMBER: C6522123. __1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 05:40

POINT#	X	Y
1:	0.033	-1.058
2:	0.726	-0.311
3:	0.602	0.006
4:	0.282	-0.017
5:	-0.238	-0.212
6:	-0.464	-0.094
7:	0.369	0.760
8:	-0.205	0.599
9:	-0.720	0.730
10:	-1.329	0.578

X CENTROID: -0.094
Y CENTROID: 0.098
POA TO CENTROID: 0.136
HORZ SPREAD: 2.055
VERT SPREAD: 1.818
GROUP SPREAD: 2.239
MIN RADIUS: 0.342
MAX RADIUS: 1.325
MEAN RADIUS: 0.747
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



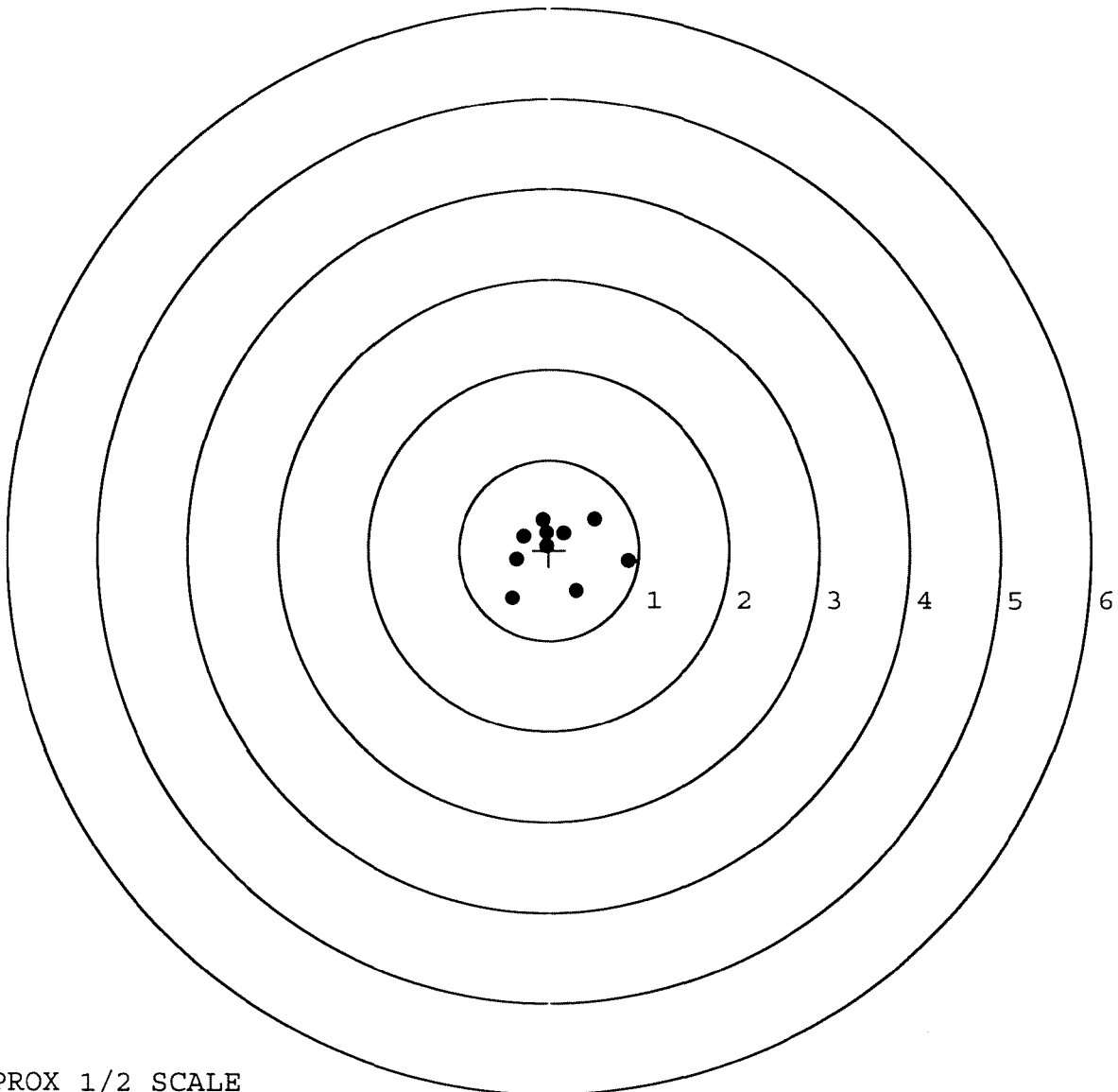
TARGET APPROX 1/2 SCALE

BARBER - M24 0004126

SERIAL NUMBER: C6522123. __1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 05:40

POINT#	X	Y
1:	0.884	-0.121
2:	0.301	-0.448
3:	-0.408	-0.532
4:	0.510	0.343
5:	0.165	0.192
6:	-0.072	0.339
7:	-0.281	0.158
8:	-0.031	0.048
9:	-0.364	-0.103
10:	-0.033	0.196

X CENTROID: 0.067
Y CENTROID: 0.007
POA TO CENTROID: 0.067
HORZ SPREAD: 1.292
VERT SPREAD: 0.875
GROUP SPREAD: 1.356
MIN RADIUS: 0.106
MAX RADIUS: 0.827
MEAN RADIUS: 0.433
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00125591

Serial: C6522123 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Verify Repair

Status:

Closed 2/21/2007 11:51:50 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: A / 5 / 19TH SFG (A)

A / 5 / 19TH SFG (A)

Address 1: 4203 SARATOGA AVE

4203 SARATOGA AVE

Address 2: STE# 115

PO Box:

STE# 115

PO Box:

City: JFTB LOS ALAMITOS

JFTB LOS ALAMITOS

State: CA

Zip Code: 90720

Country: US

State: CA

Zip Code: 90720

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qt
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2
B001	DEPLOYMENT KIT	1

Repair Search

Refresh

Close

nagletj

2/21/2007

1:31 PM

CAPS

NUM

INS

SCRL



Serial Number: C6522123

Model: M24 SWS



RE00125591

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522123.___0
FILE DATE AND TIME: 03/12/2007 22:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

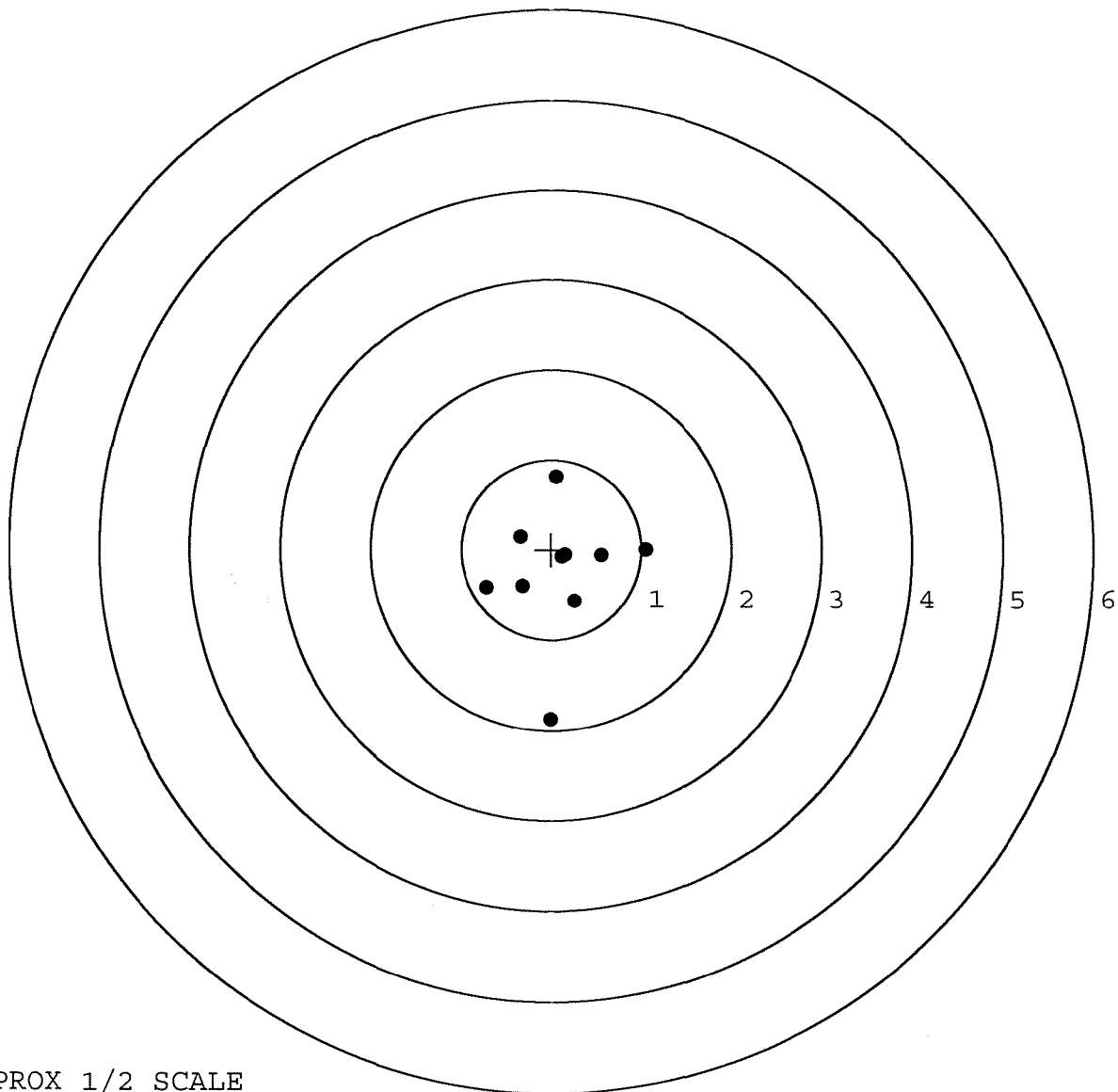
The Average X Centroid of the Five Target Set:	0.092
The Average Y Centroid of the Five Target Set:	-0.107
The Average Point of Impact of the Five Target Set:	0.141
The Average Mean Radius of the Five Target Set:	0.715
The Distance from POA to Centroid Target #1:	0.268
The Distance from Centroid Target #2 to Centroid Target #1:	0.378
The Distance from Centroid Target #3 to Centroid Target #1:	0.321
The Distance from Centroid Target #4 to Centroid Target #1:	0.395
The Distance from Centroid Target #5 to Centroid Target #1:	0.205

BARBER - M24 0004129

SERIAL NUMBER: C6522123. __0
TARGET NUMBER: 1
FILE DATE: 03/12/2007
FILE TIME: 22:39

POINT#	X	Y
1:	0.060	0.809
2:	-0.342	0.141
3:	0.116	-0.081
4:	0.554	-0.071
5:	1.052	-0.013
6:	0.257	-0.578
7:	-0.322	-0.407
8:	-0.724	-0.421
9:	-0.018	-1.883
10:	0.148	-0.064

X CENTROID: 0.078
Y CENTROID: -0.257
POA TO CENTROID: 0.268
HORZ SPREAD: 1.776
VERT SPREAD: 2.692
GROUP SPREAD: 2.693
MIN RADIUS: 0.180
MAX RADIUS: 1.629
MEAN RADIUS: 0.679
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



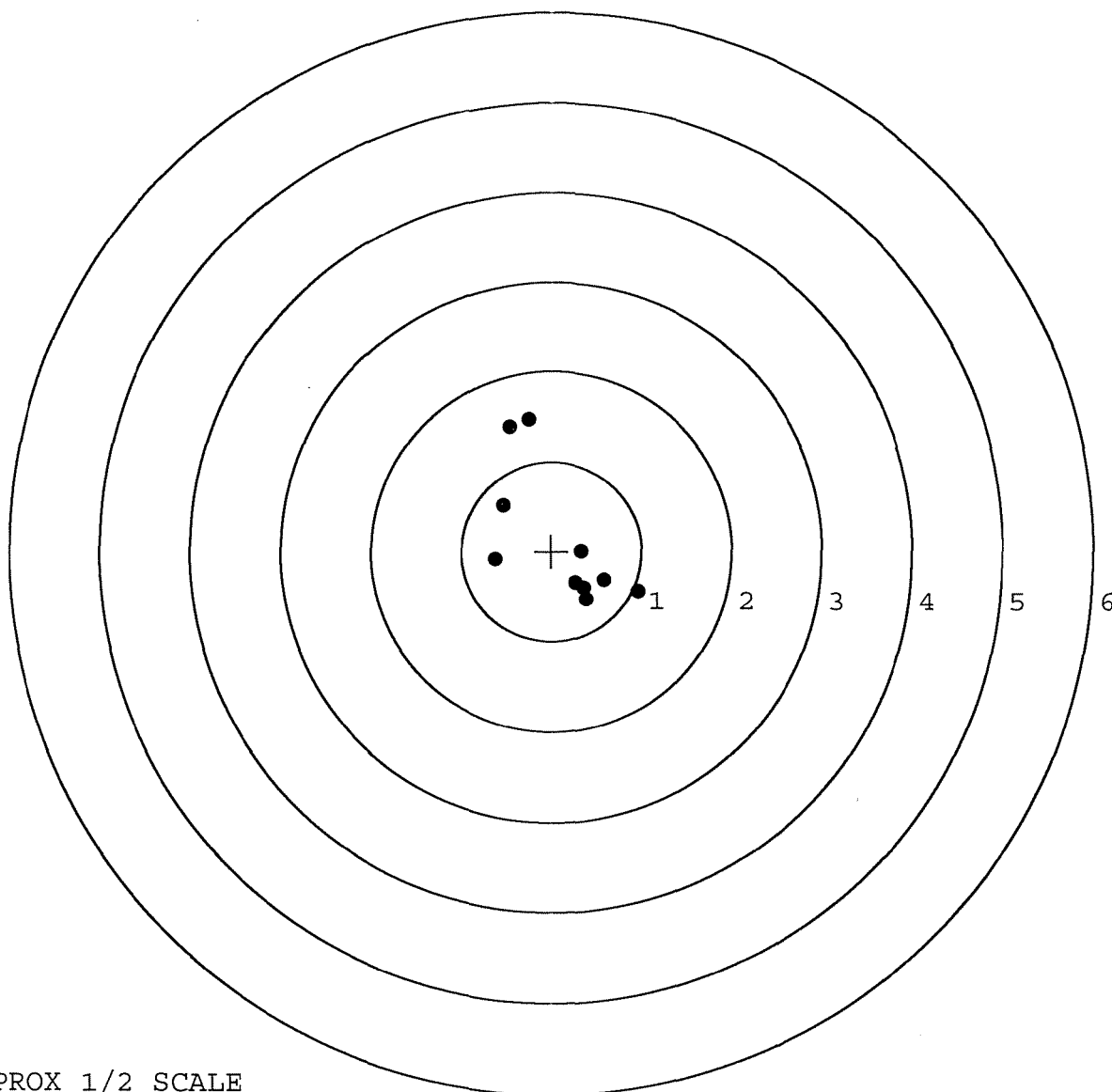
TARGET APPROX 1/2 SCALE

BARBER - M24 0004130

SERIAL NUMBER: C6522123. __0
TARGET NUMBER: 2
FILE DATE: 03/12/2007
FILE TIME: 22:39

X CENTROID: 0.103
Y CENTROID: 0.121
POA TO CENTROID: 0.159
HORZ SPREAD: 1.584
VERT SPREAD: 1.999
GROUP SPREAD: 2.272
MIN RADIUS: 0.263
MAX RADIUS: 1.391
MEAN RADIUS: 0.805
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.471	1.384
2:	-0.259	1.464
3:	-0.536	0.519
4:	-0.620	-0.087
5:	0.335	-0.003
6:	0.268	-0.352
7:	0.590	-0.321
8:	0.393	-0.535
9:	0.964	-0.451
10:	0.363	-0.410



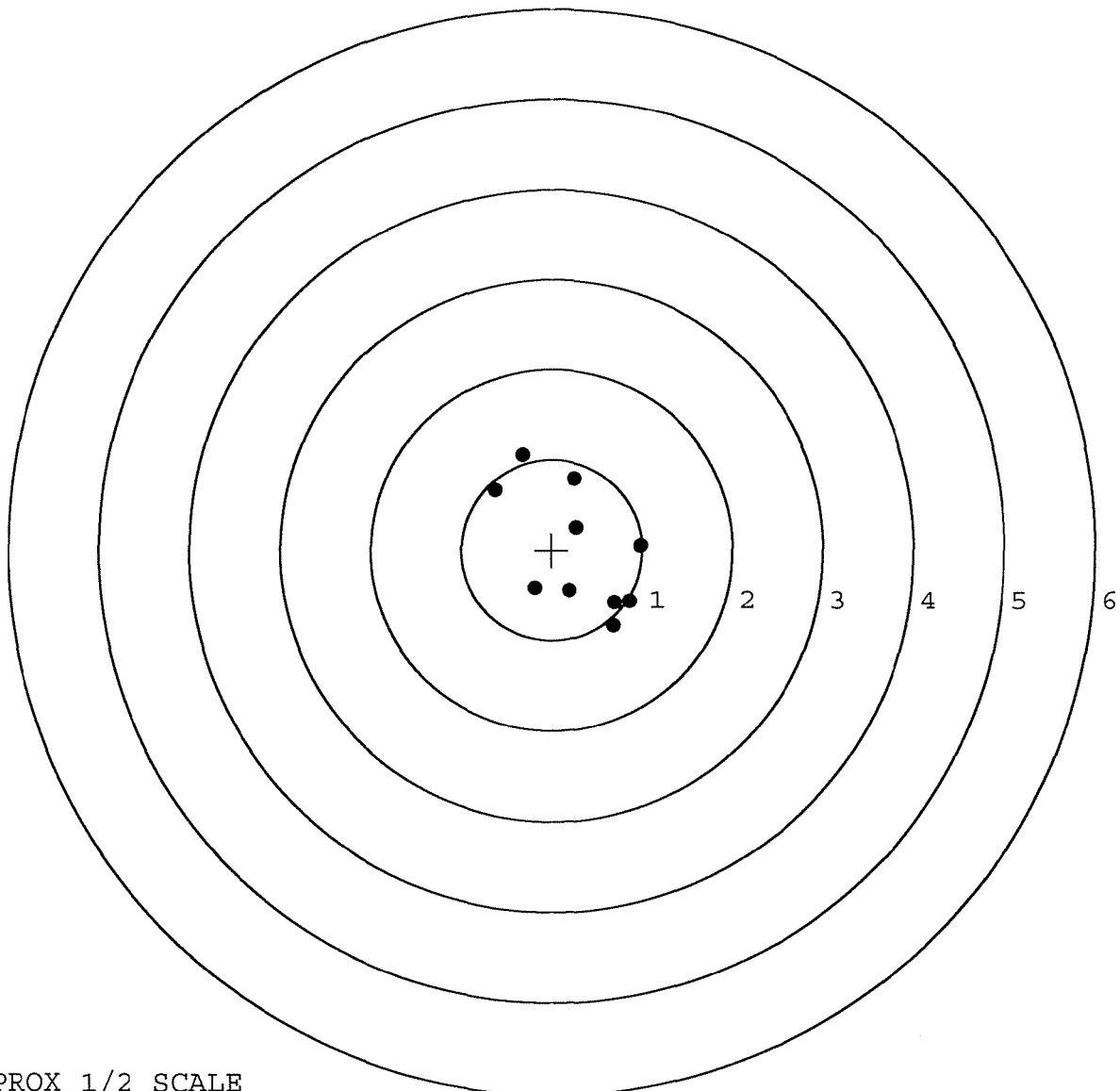
TARGET APPROX 1/2 SCALE

BARBER - M24 0004131

SERIAL NUMBER: C6522123. __0
 TARGET NUMBER: 3
 FILE DATE: 03/12/2007
 FILE TIME: 22:39

POINT#	X	Y
1:	-0.630	0.662
2:	-0.324	1.048
3:	0.249	0.788
4:	0.271	0.247
5:	0.980	0.053
6:	-0.193	-0.421
7:	0.197	-0.449
8:	0.697	-0.582
9:	0.860	-0.567
10:	0.685	-0.846

X CENTROID: 0.279
 Y CENTROID: -0.007
 POA TO CENTROID: 0.279
 HORZ SPREAD: 1.610
 VERT SPREAD: 1.894
 GROUP SPREAD: 2.146
 MIN RADIUS: 0.254
 MAX RADIUS: 1.215
 MEAN RADIUS: 0.762
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



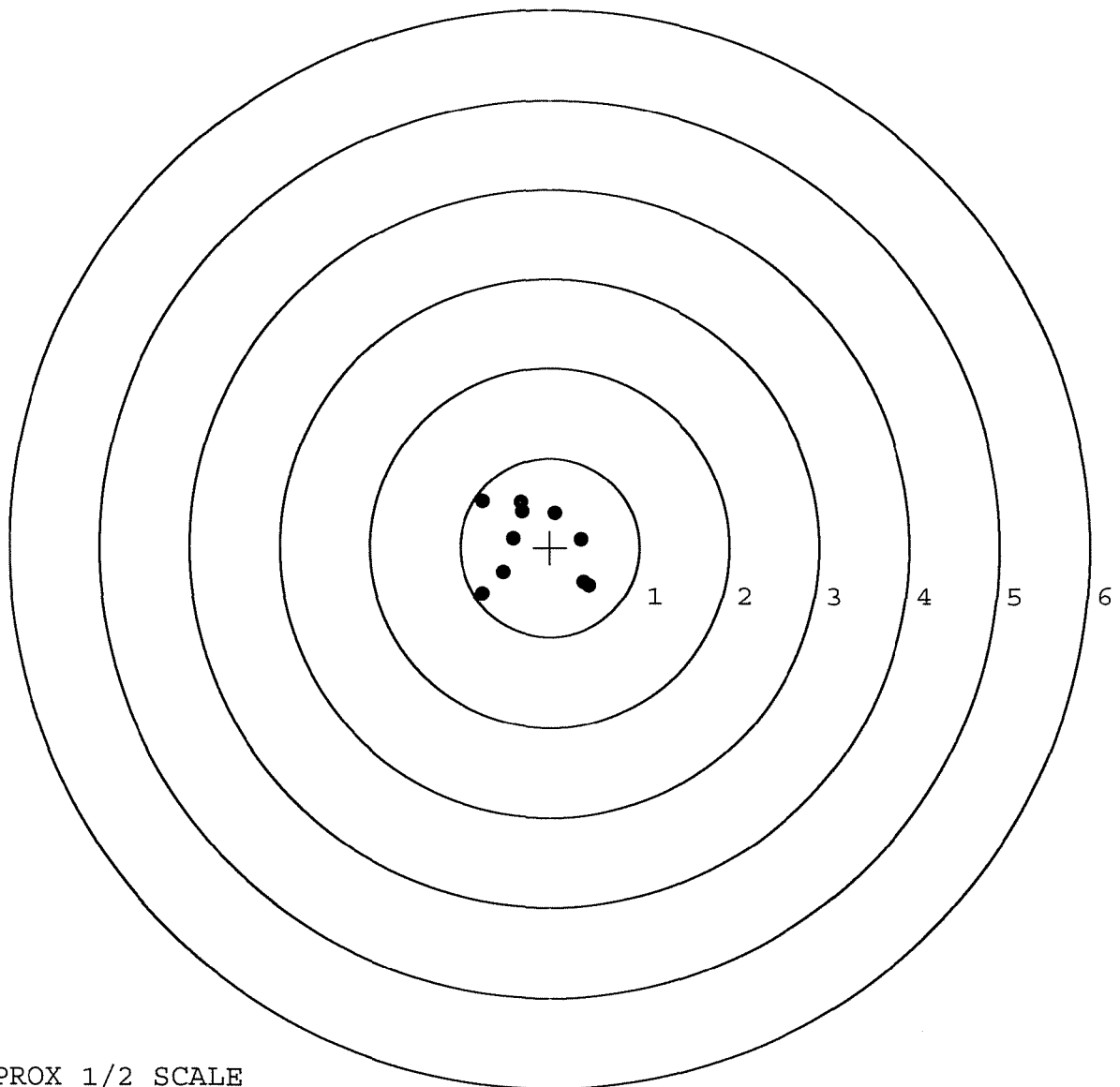
TARGET APPROX 1/2 SCALE

BARBER - M24 0004132

SERIAL NUMBER: C6522123. __0
 TARGET NUMBER: 4
 FILE DATE: 03/12/2007
 FILE TIME: 22:39

POINT#	X	Y
1:	-0.751	0.520
2:	-0.322	0.505
3:	-0.407	0.099
4:	-0.525	-0.280
5:	-0.756	-0.524
6:	0.055	0.385
7:	0.351	0.091
8:	0.374	-0.393
9:	0.435	-0.431
10:	-0.308	0.400

X CENTROID: -0.185
 Y CENTROID: 0.037
 POA TO CENTROID: 0.189
 HORZ SPREAD: 1.191
 VERT SPREAD: 1.044
 GROUP SPREAD: 1.266
 MIN RADIUS: 0.230
 MAX RADIUS: 0.800
 MEAN RADIUS: 0.555
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



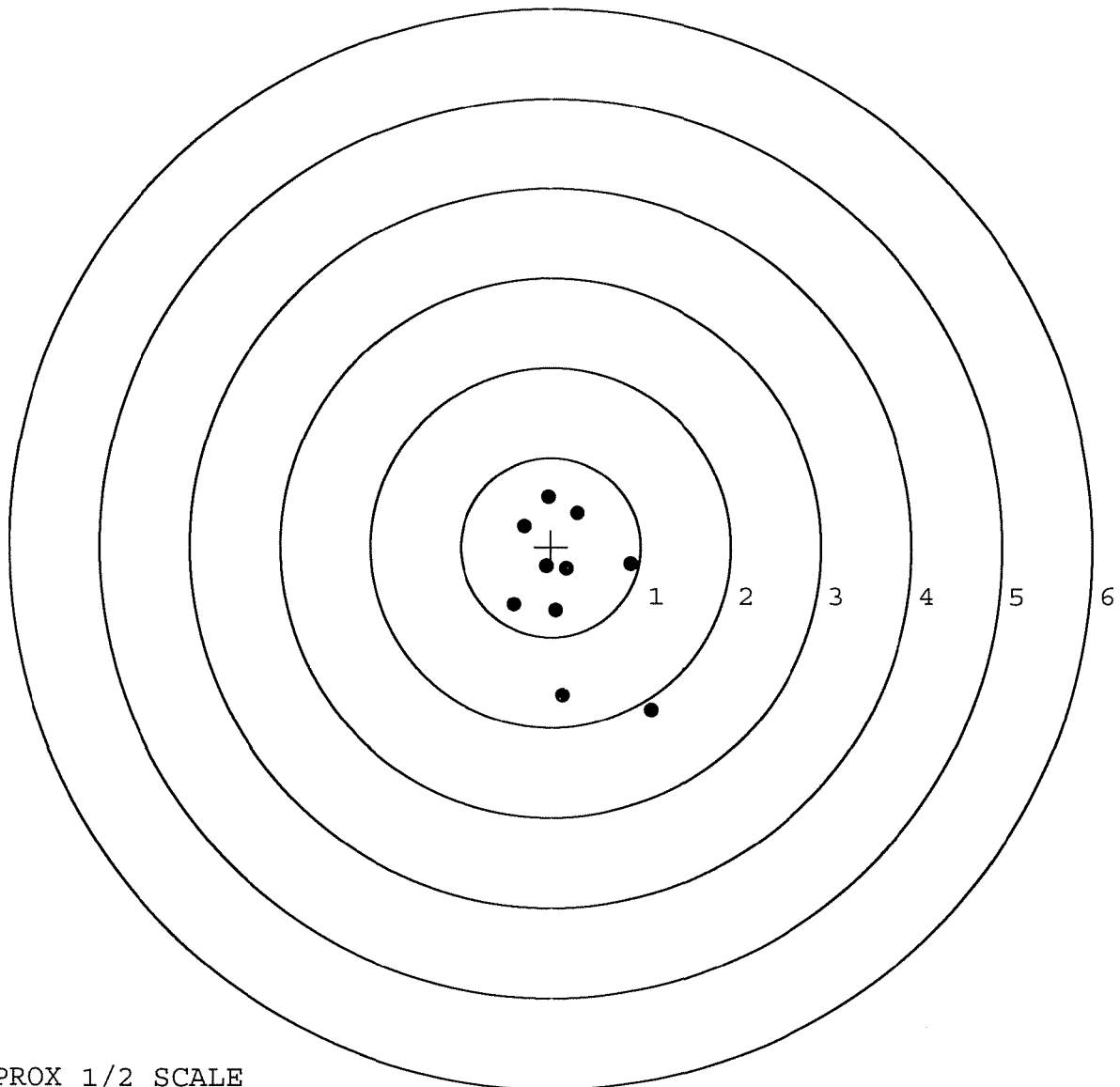
TARGET APPROX 1/2 SCALE

BARBER - M24 0004133

SERIAL NUMBER: C6522123. __0
TARGET NUMBER: 5
FILE DATE: 03/12/2007
FILE TIME: 22:39

POINT#	X	Y
1:	-0.297	0.228
2:	-0.029	0.554
3:	0.297	0.379
4:	0.893	-0.199
5:	0.169	-0.246
6:	-0.055	-0.214
7:	-0.420	-0.640
8:	0.052	-0.710
9:	0.124	-1.649
10:	1.109	-1.819

X CENTROID: 0.184
Y CENTROID: -0.432
POA TO CENTROID: 0.469
HORZ SPREAD: 1.529
VERT SPREAD: 2.373
GROUP SPREAD: 2.632
MIN RADIUS: 0.186
MAX RADIUS: 1.667
MEAN RADIUS: 0.773
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	125591		
SERIAL NUMBER	C6522123		
LOG-IN DATE	2-21-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-22-07	RTZ
505	RE-BARREL	2-23-07	RTZ
560	ASSEMBLE	2-23-07	PR
600	PROOF	2-27-07	TRW
605	CHECK HEADSPACE	INSPECTED	2-27-07 TRW
610	DIS-ASSEMBLE GUN	MAR 02 2007	2-28-07 RTZ
612	MAGNAFLUX	OPERATOR (APC)	2-28-07 APC
510	DRILL AND TAP	3-1-07	TRW
615	ROLLMARK CALIBER	3-1-07	CW
618	ROTO-BLAST	3-5-07	LB
620	APPLY COATINGS	3-8-07	WJ
625	FINAL ASSEMBLY	3-12-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	3-12-07 mjm
650	TARGET	PASS FAIL	3-12-07 mjm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		3-13-07 mjm
	A) HEADSPACE	PASS FAIL	3-13-07 mjm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.40 2.35 2.34 2.32 2.33 3-13-07 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 4.5 4.5 3-13-07 RA
	G) SAFETY OFF FORCE	2 LBS MIN	3.2 3.2 2.5 3-13-07 RA
	I) FIRING PIN INDENT	.020	.024 .023 .023 3-13-07 RA
690	PACK		3-13-07 RA

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

Remington®

OU PONT
REG. U.S. PAT. & TM. OFF.

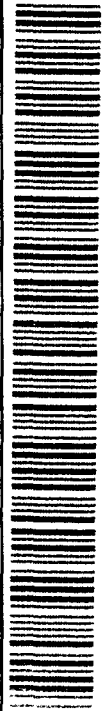
MODEL 700™ M24

SERIAL NO.
C6522123

ORDER NO.
5716

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

Ø1



5716 C6522123



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522123

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	82	RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	LS
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel RWB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/90	JH

BARBER - M24 0004137

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/28/90	WLB
	G) Safety Off Force	3	3	3			8/28/90	WLB
	H) Trigger Pull Test & Retainability						8/28/90	JH
	I) Firing Pin Indent	.022	.023	.0225			8/28/90	WLB
	J) Assemble Stock						8/31/90	RW
	K) Assemble Swivel Studs						9/6/90	PS
	L) Attach Front and Rear Sight Assemblies						8/31/90	RW
	M) Iron Sight Alignment						8/31/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/31/90	RW
	O) Attach Scope to Rifle						8/31/90	RW
	P) Detach & Attach Scope 20 Times						8/31/90	RW
640	Gallery Target & Test						9-4-90	AC
	A) Time						9-4-90	AC
	B) Malfunctions						9-4-90	AC
	C) Pierced Primers						9-4-90	AC
	D) Optical Clarity of Scope						9-4-90	AC
645	Inspect for Live Ammo						9-4-90	AC
655	Final Inspection							
	A) Headspace						9/6/90	PS
	B) Trigger Pull	2.12	2.13	2.20	2.11	2.18	9-5-90	JH
	C) Function						9/6/90	PS
660	Pack						9-9-90	DH

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

SERIAL NO. C6522123DATE 8/28/90TESTER J21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.17	2.14	2.30	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.21	2.17	2.13	
PULL #3	2.22	2.22	2.24	2.20	
PULL #4	2.22	2.24	2.25	2.11	
PULL #5	2.23	2.25	2.30	2.18	
TOTAL	11.03	11.06	11.26	10.74	
AVG.	2.206	2.212	2.252	2.148	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.17		
PULL #2	3.12	3.19		
PULL #3	3.15	3.22		
PULL #4	3.16	3.19		
PULL #5	3.20	3.23		
TOTAL	15.88	16.00		
AVG.	3.176	3.2		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.36		4.41
PULL #2	4.23	4.38		4.27
PULL #3	4.39	4.37		4.42
PULL #4	4.43	4.44		4.26
PULL #5	4.37	4.34		4.38
TOTAL	21.54	21.89		21.74
AVG.	4.308	4.378		4.348

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522123
4 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.112294
1 TO	2	.652494
1 TO	3	.560236
1 TO	4	.577084
1 TO	5	.241406

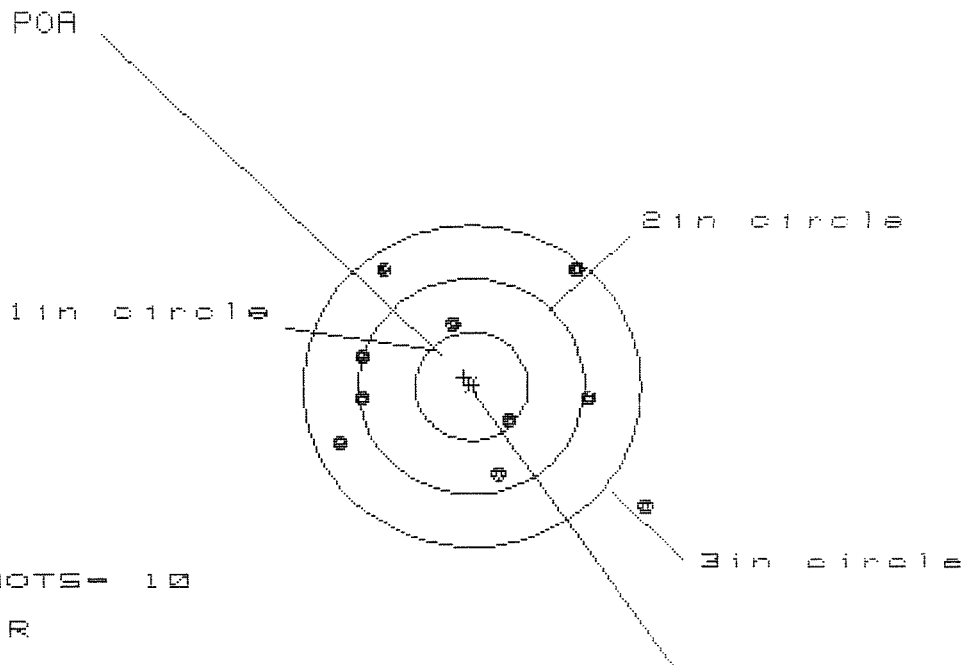
q 3
st <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1312
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .239193
THE AMR FOR THIS RIFLE IS: 1.01

4 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522123

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.741

VS= 2.239

GS= 3.194

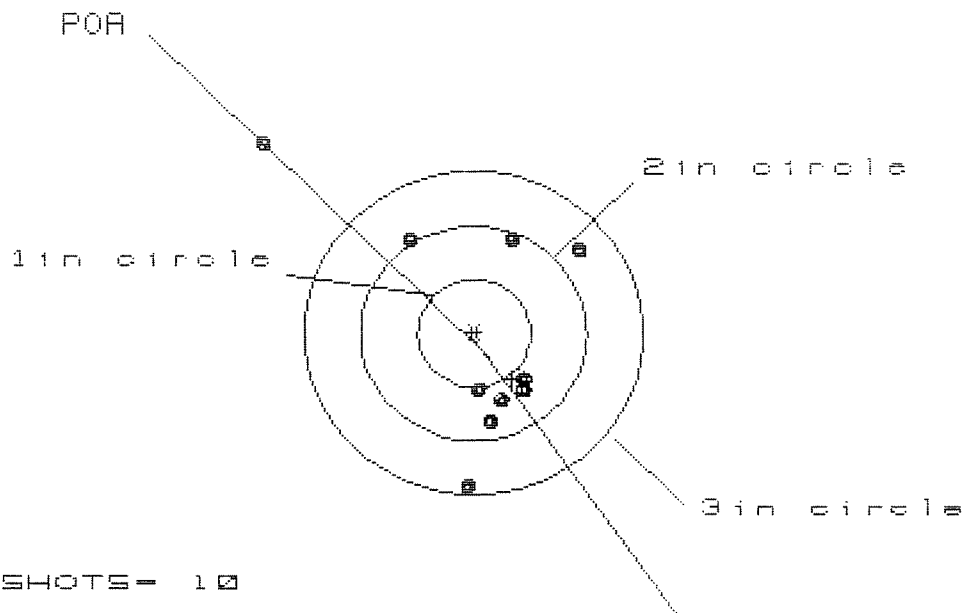
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.527	1.187	1.329
MINIMUM X	:	-1.214	-1.045	-.903
MAXIMUM Y	:	1.087	.959	1.057
MINIMUM Y	:	-1.152	-.954	-.834
CENTROID X	:	.071	-.098	-.240
CENTROID Y	:	-.087	.041	-.079
POA TO CENTROID in.	:	.112	.107	.253
MIN RADIUS	:	.449	.484	.625
MEAN RADIUS	:	1.094	.985	.905
MAX RADIUS	:	1.913	1.487	1.334
HORIZONTAL SPREAD	:	2.741	2.232	2.232
VERTICAL SPREAD	:	2.239	1.913	1.891
EXTREME SPREAD	:	3.194	2.725	2.276
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

4 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522123

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 9

HS = 2.784

VS = 3.176

GS = 3.621

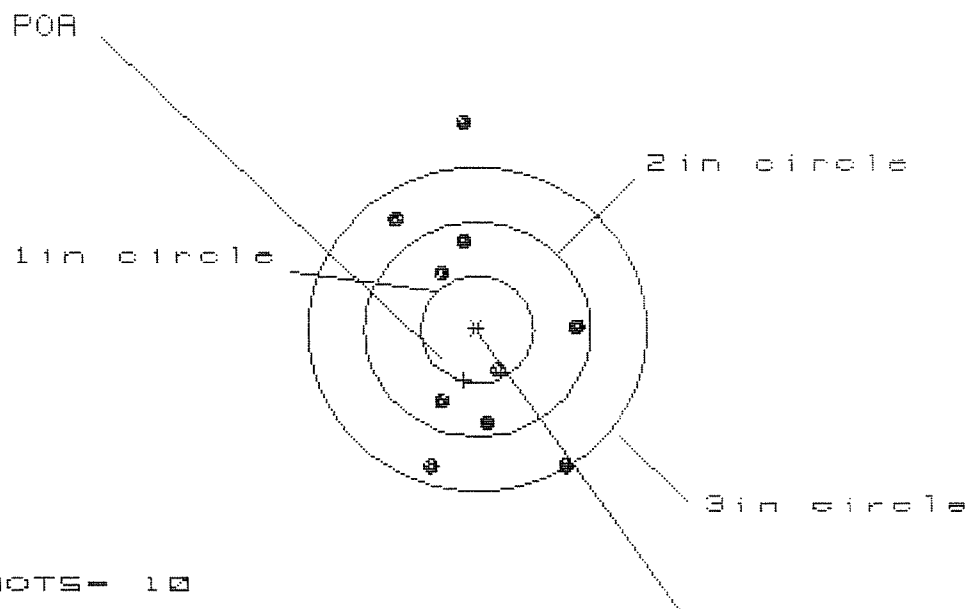
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.957	.754	.717
MINIMUM X	:	-1.827	-.805	-.842
MAXIMUM Y	:	1.798	1.080	.933
MINIMUM Y	:	-1.378	-1.179	-.762
CENTROID X	:	-.336	-.133	-.096
CENTROID Y	:	.423	.224	.371
POA TO CENTROID in.	:	.540	.260	.383
MIN RADIUS	:	.523	.309	.389
MEAN RADIUS	:	1.039	.771	.747
MAX RADIUS	:	2.563	1.347	1.257
HORIZONTAL SPREAD	:	2.784	1.559	1.559
VERTICAL SPREAD	:	3.176	2.259	1.695
EXTREME SPREAD	:	3.621	2.351	1.840
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522123

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.601

VS= 3.243

GS= 3.366

CENTROID *

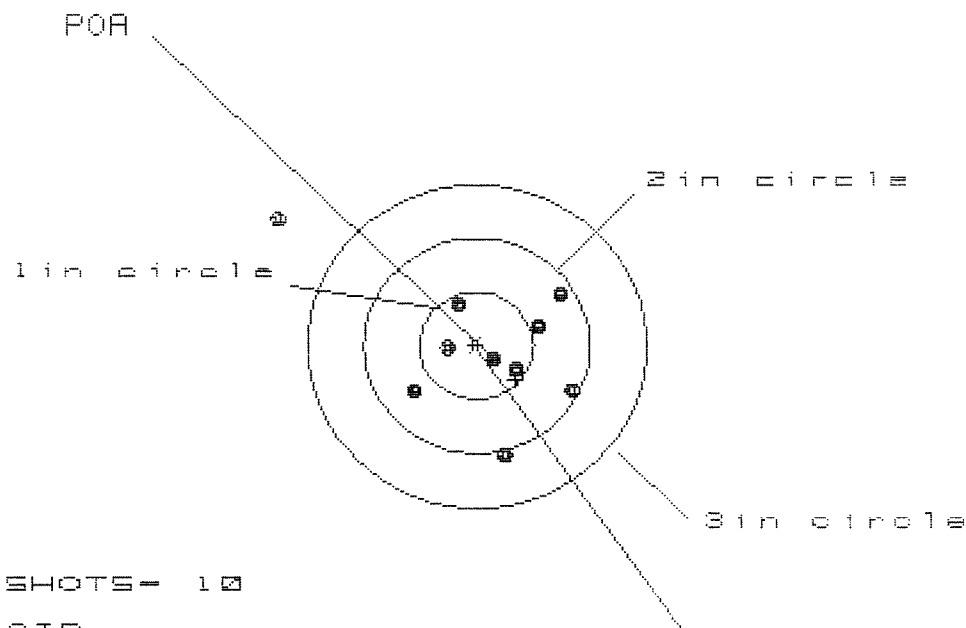
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.911	1.007
MINIMUM X	:	-.674	-.690	-.594
MAXIMUM Y	:	1.975	1.219	1.089
MINIMUM Y	:	-1.268	-1.048	-1.178
CENTROID X	:	.121	.137	.041
CENTROID Y	:	.471	.251	.381
POA TO CENTROID in.	:	.486	.286	.383
MIN RADIUS	:	.445	.248	.410
MEAN RADIUS	:	1.052	.911	.872
MAX RADIUS	:	1.981	1.401	1.241
HORIZONTAL SPREAD	:	1.601	1.601	1.601
VERTICAL SPREAD	:	3.243	2.267	2.267
EXTREME SPREAD	:	3.366	2.689	2.287
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.567

VS= 2.270

GS= 3.074

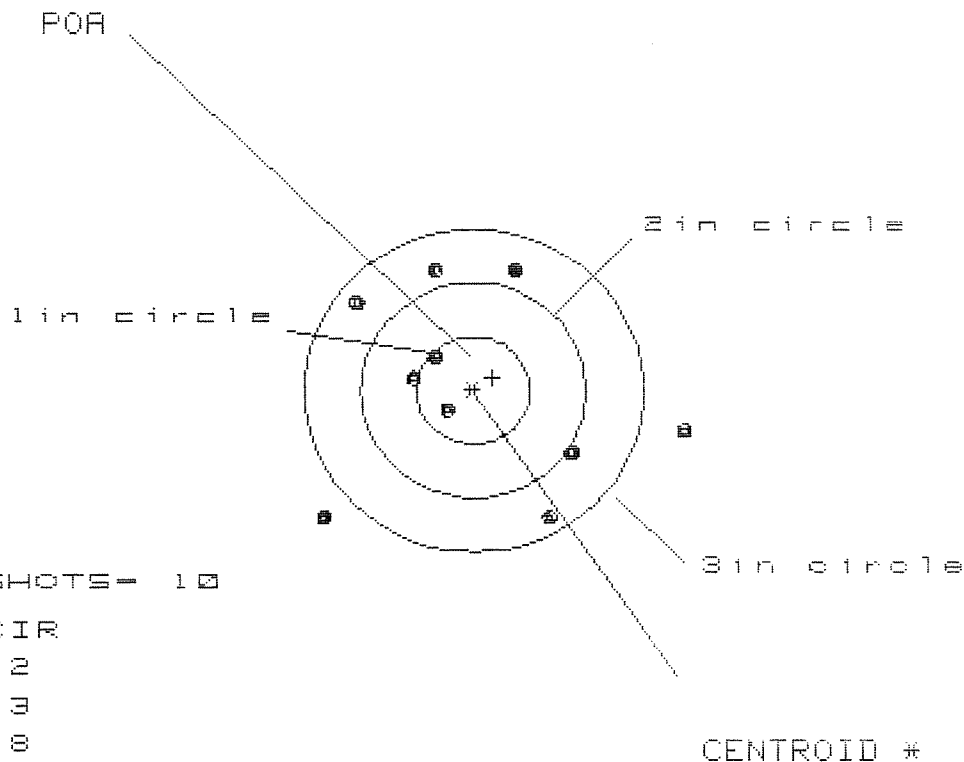
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.834	.641	.647
MINIMUM X	:	-1.733	-.756	-.750
MAXIMUM Y	:	1.233	.610	.498
MINIMUM Y	:	-1.037	-.900	-.433
CENTROID X	:	-.344	-.151	-.157
CENTROID Y	:	.314	.177	.289
POA TO CENTROID in.	:	.465	.232	.329
MIN RADIUS	:	.175	.062	.092
MEAN RADIUS	:	.760	.566	.522
MAX RADIUS	:	2.127	.901	.847
HORIZONTAL SPREAD	:	2.567	1.397	1.397
VERTICAL SPREAD	:	2.270	1.510	.931
EXTREME SPREAD	:	3.074	1.579	1.546
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.893	1.055	.918
MINIMUM X	:	-1.299	-1.088	-.988
MAXIMUM Y	:	1.105	1.062	.918
MINIMUM Y	:	-1.176	-1.219	-1.355
CENTROID X	:	-.168	-.379	-.242
CENTROID Y	:	-.121	-.078	.074
POA TO CENTROID in.	:	.207	.387	.254
MIN RADIUS	:	.262	.227	.303
MEAN RADIUS	:	1.103	.966	.884
MAX RADIUS	:	1.932	1.634	1.555
HORIZONTAL SPREAD	:	3.192	2.143	1.900
VERTICAL SPREAD	:	2.281	2.281	2.265
EXTREME SPREAD	:	3.289	2.843	2.623
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	