

BARBER - M24 0121083

E 670 3398

Repair Number: RE00079063	Serial: E6703398 Model M24 SWS Center Fire Caliber: 7.62	Repairman:	Status: Closed 3/23/2004 10:54:39 AM																												
Address Information Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐ Name: W33NYNDOL SSF SARSSI Address 1: BLDG 2916 Address 2: 1624 W 6TH ST PO Box: City: FORT STEWART State: GA Zip Code: 31314 Country: US State: GA Zip Code: 31314 Country: US FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																															
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																							
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																											
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair Condition Notes: CSR Notes:		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A006</td> <td>Sling Strap</td> <td>1</td> </tr> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A008</td> <td>With Swivels</td> <td>2</td> </tr> <tr> <td>A009</td> <td>Soft Case</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A042</td> <td>Adjustable Butt Pad</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> </tbody> </table> <i>Deployed Kit</i>	Code	Desc	Qty	A006	Sling Strap	1	A007	With Studs	3	A008	With Swivels	2	A009	Soft Case	1	A010	Hard Case	1	A017	Scope Bases	3	A042	Adjustable Butt Pad	1	A045	Bi Pod	1
Code	Desc	Qty																													
A006	Sling Strap	1																													
A007	With Studs	3																													
A008	With Swivels	2																													
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A017	Scope Bases	3																													
A042	Adjustable Butt Pad	1																													
A045	Bi Pod	1																													
Repair Search		Refresh		Close																											

naglet 3/23/2004 11:47 AM CAPS NUM INS SCPL
 start 2 2

Serial Number: **E6703398**
 Model: **M24 SWS**

RE00079063

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6703398.___0
FILE DATE AND TIME: 04/12/2004 06:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

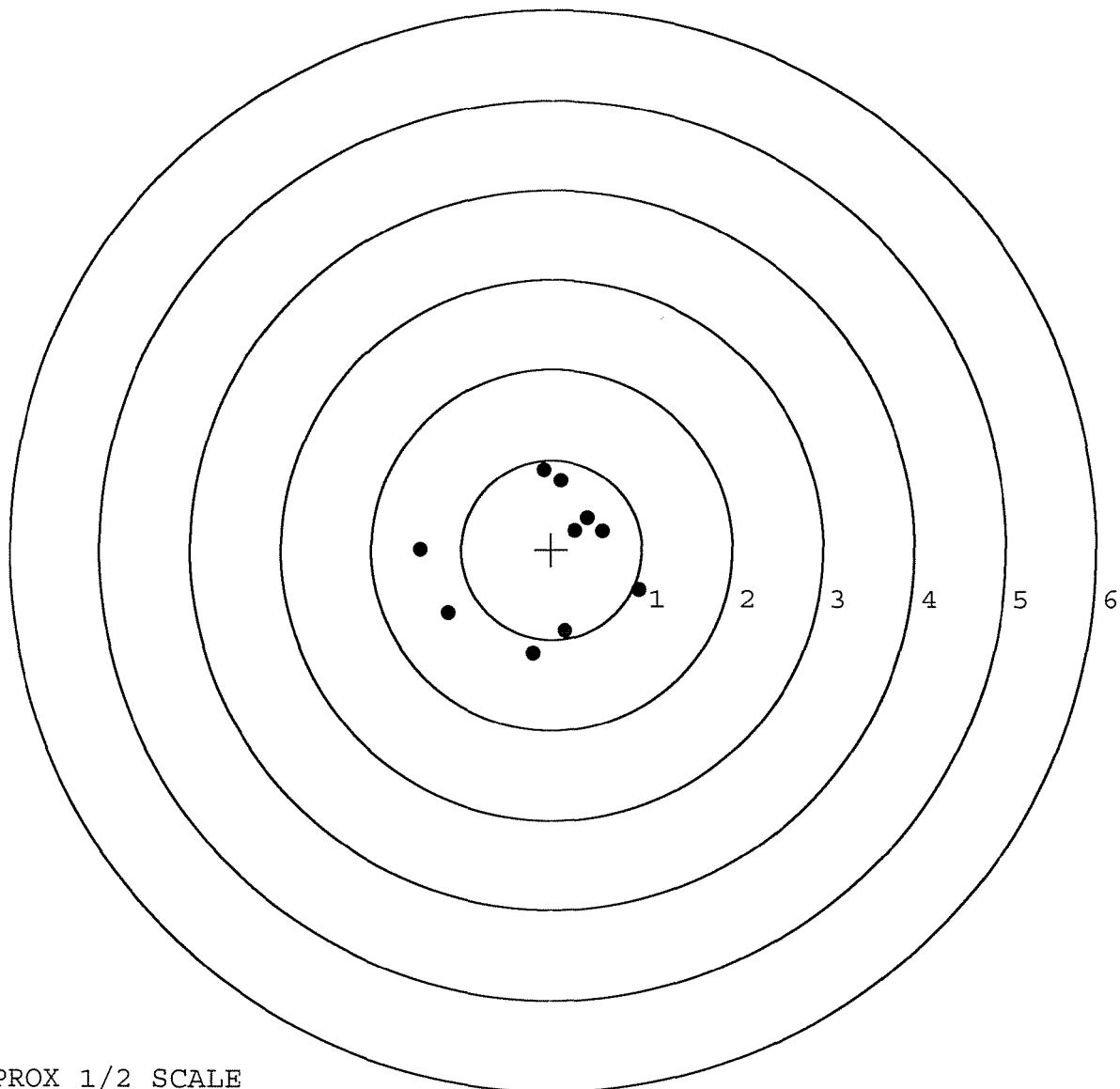
The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	-0.103
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.097
The Distance from Centroid Target #4 to Centroid Target #1:	0.064
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

BARBER - M24 0121086

SERIAL NUMBER: E6703398. 0
 TARGET NUMBER: 1
 FILE DATE: 04/12/2004
 FILE TIME: 06:27

X CENTROID: -0.047
 Y CENTROID: -0.081
 POA TO CENTROID: 0.094
 HORZ SPREAD: 2.424
 VERT SPREAD: 2.042
 GROUP SPREAD: 2.464
 MIN RADIUS: 0.426
 MAX RADIUS: 1.412
 MEAN RADIUS: 0.925
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.967	-0.450
2:	0.147	-0.912
3:	-0.206	-1.155
4:	-1.149	-0.718
5:	-1.457	-0.008
6:	0.562	0.207
7:	0.394	0.355
8:	0.259	0.215
9:	0.101	0.769
10:	-0.088	0.887



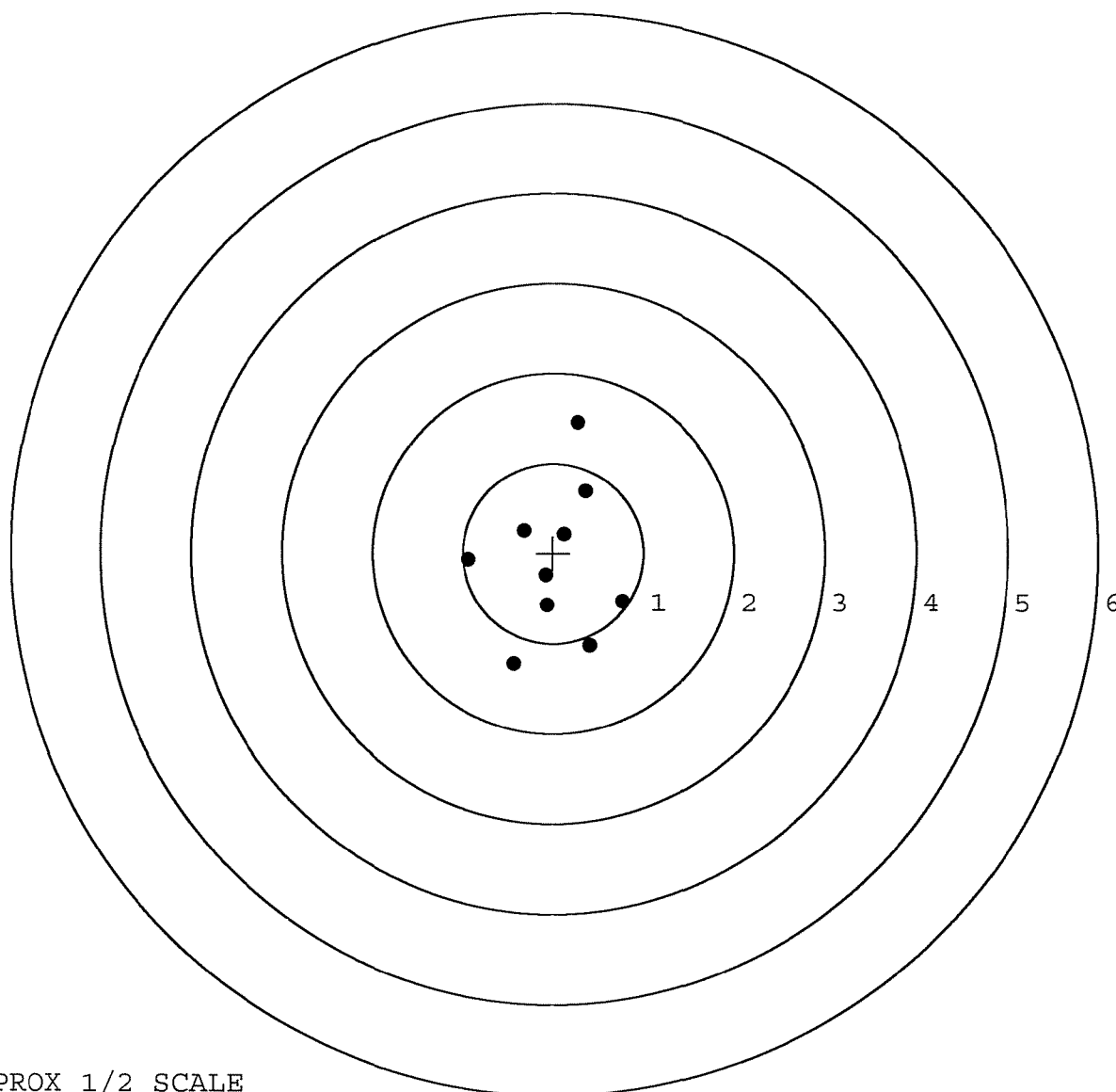
TARGET APPROX 1/2 SCALE

BARBER - M24 0121087

SERIAL NUMBER: E6703398. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2004
FILE TIME: 06:27

X CENTROID: 0.008
Y CENTROID: -0.112
POA TO CENTROID: 0.112
HORZ SPREAD: 1.713
VERT SPREAD: 2.679
GROUP SPREAD: 2.771
MIN RADIUS: 0.163
MAX RADIUS: 1.584
MEAN RADIUS: 0.797
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.767	-0.546
2:	0.412	-1.032
3:	-0.436	-1.229
4:	-0.069	-0.583
5:	-0.082	-0.248
6:	0.120	0.210
7:	0.363	0.691
8:	0.272	1.450
9:	-0.326	0.251
10:	-0.946	-0.079



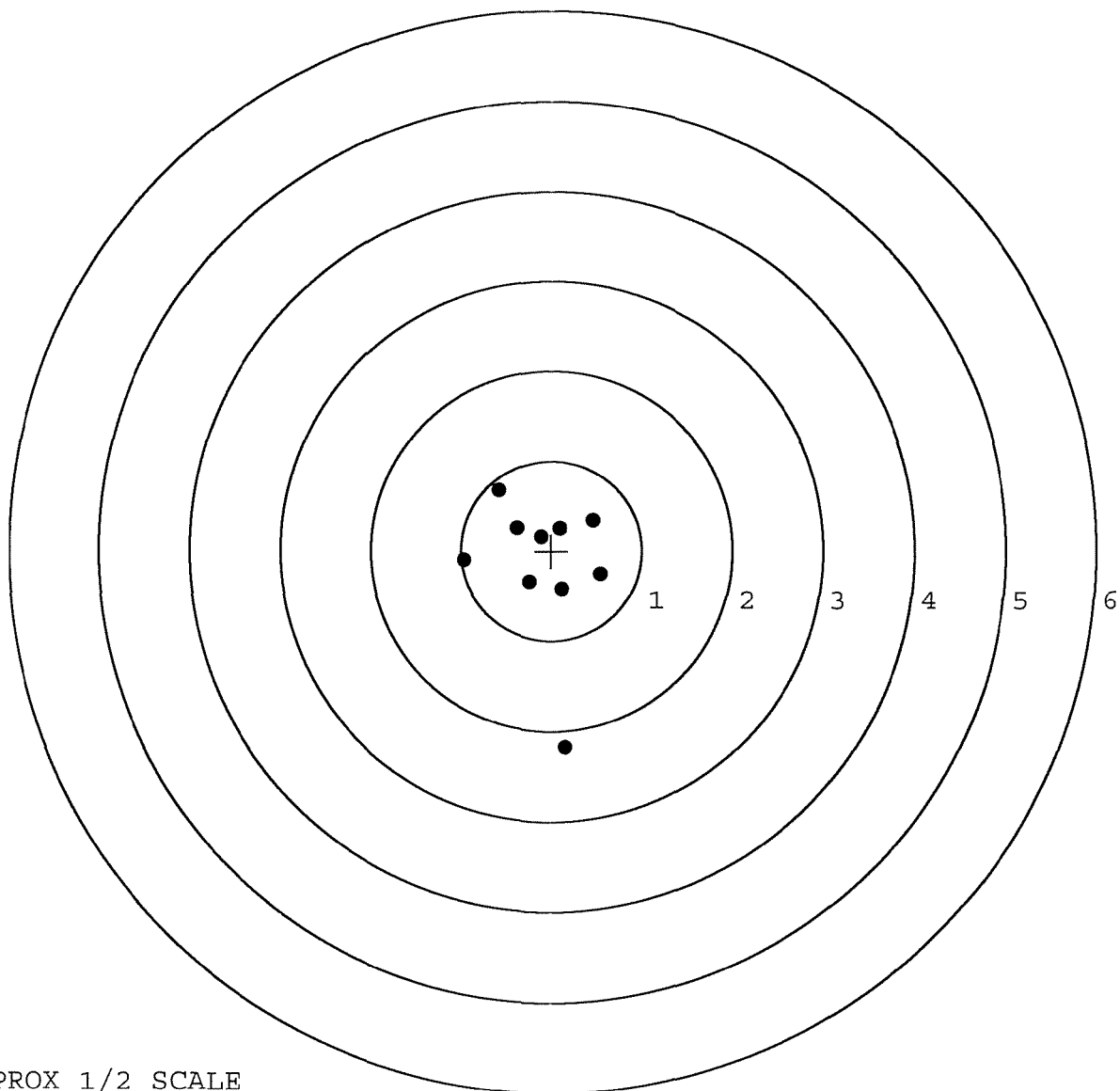
TARGET APPROX 1/2 SCALE

BARBER - M24 0121088

SERIAL NUMBER: E6703398. 0
TARGET NUMBER: 3
FILE DATE: 04/12/2004
FILE TIME: 06:27

X CENTROID: -0.091
Y CENTROID: -0.167
POA TO CENTROID: 0.191
HORZ SPREAD: 1.513
VERT SPREAD: 2.850
GROUP SPREAD: 2.945
MIN RADIUS: 0.243
MAX RADIUS: 2.030
MEAN RADIUS: 0.715
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.160	-2.182
2:	0.545	-0.265
3:	0.463	0.340
4:	0.119	-0.430
5:	0.099	0.251
6:	-0.116	0.156
7:	-0.383	0.253
8:	-0.249	-0.352
9:	-0.582	0.668
10:	-0.968	-0.113



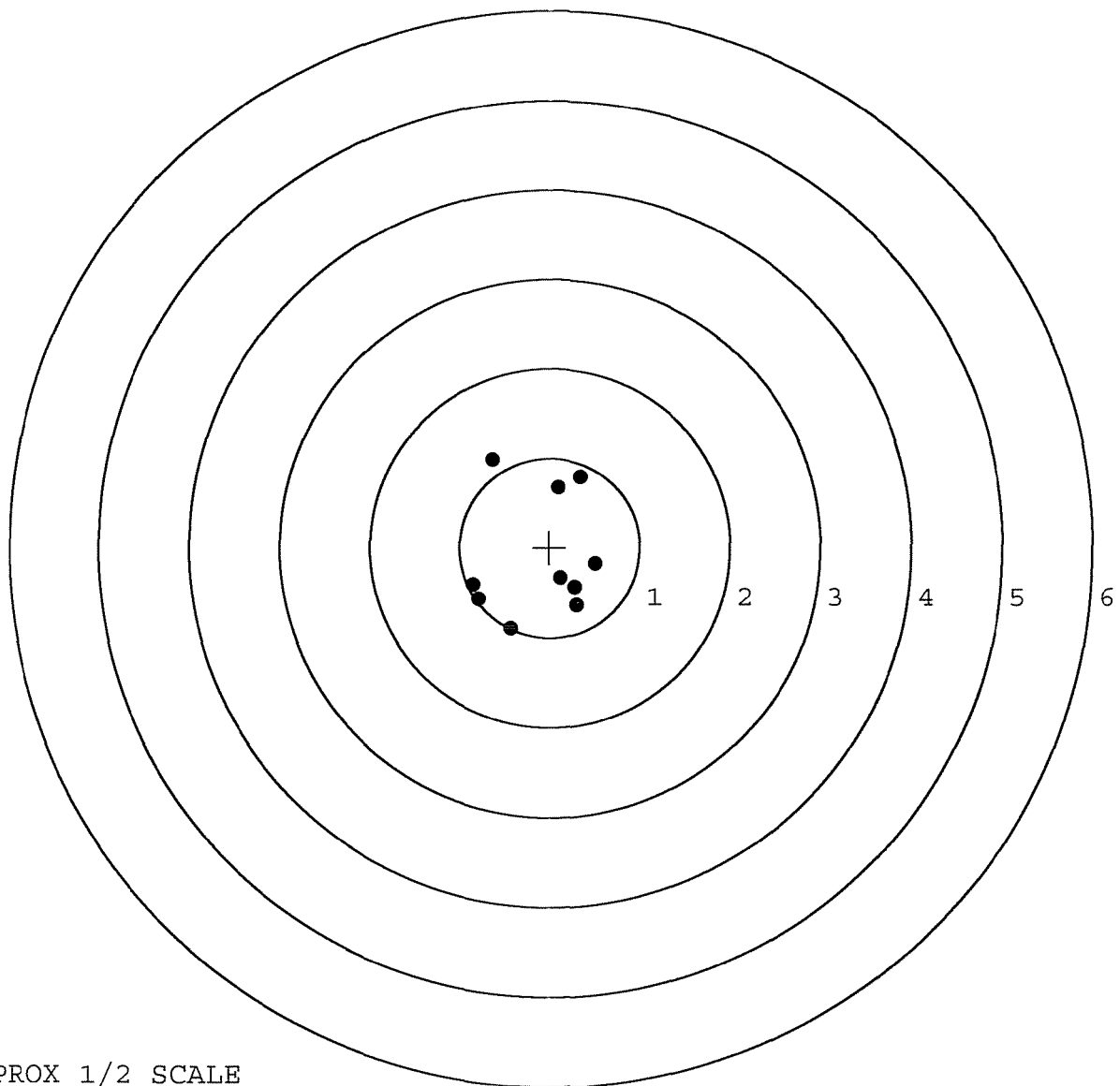
TARGET APPROX 1/2 SCALE

BARBER - M24 0121089

SERIAL NUMBER: E6703398. 0
 TARGET NUMBER: 4
 FILE DATE: 04/12/2004
 FILE TIME: 06:27

X CENTROID: -0.105
 Y CENTROID: -0.108
 POA TO CENTROID: 0.151
 HORZ SPREAD: 1.363
 VERT SPREAD: 1.887
 GROUP SPREAD: 1.898
 MIN RADIUS: 0.330
 MAX RADIUS: 1.211
 MEAN RADIUS: 0.766
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.436	-0.906
2:	-0.793	-0.577
3:	-0.850	-0.414
4:	0.344	0.789
5:	0.097	0.668
6:	-0.636	0.981
7:	0.513	-0.186
8:	0.126	-0.343
9:	0.283	-0.446
10:	0.300	-0.645



TARGET APPROX 1/2 SCALE

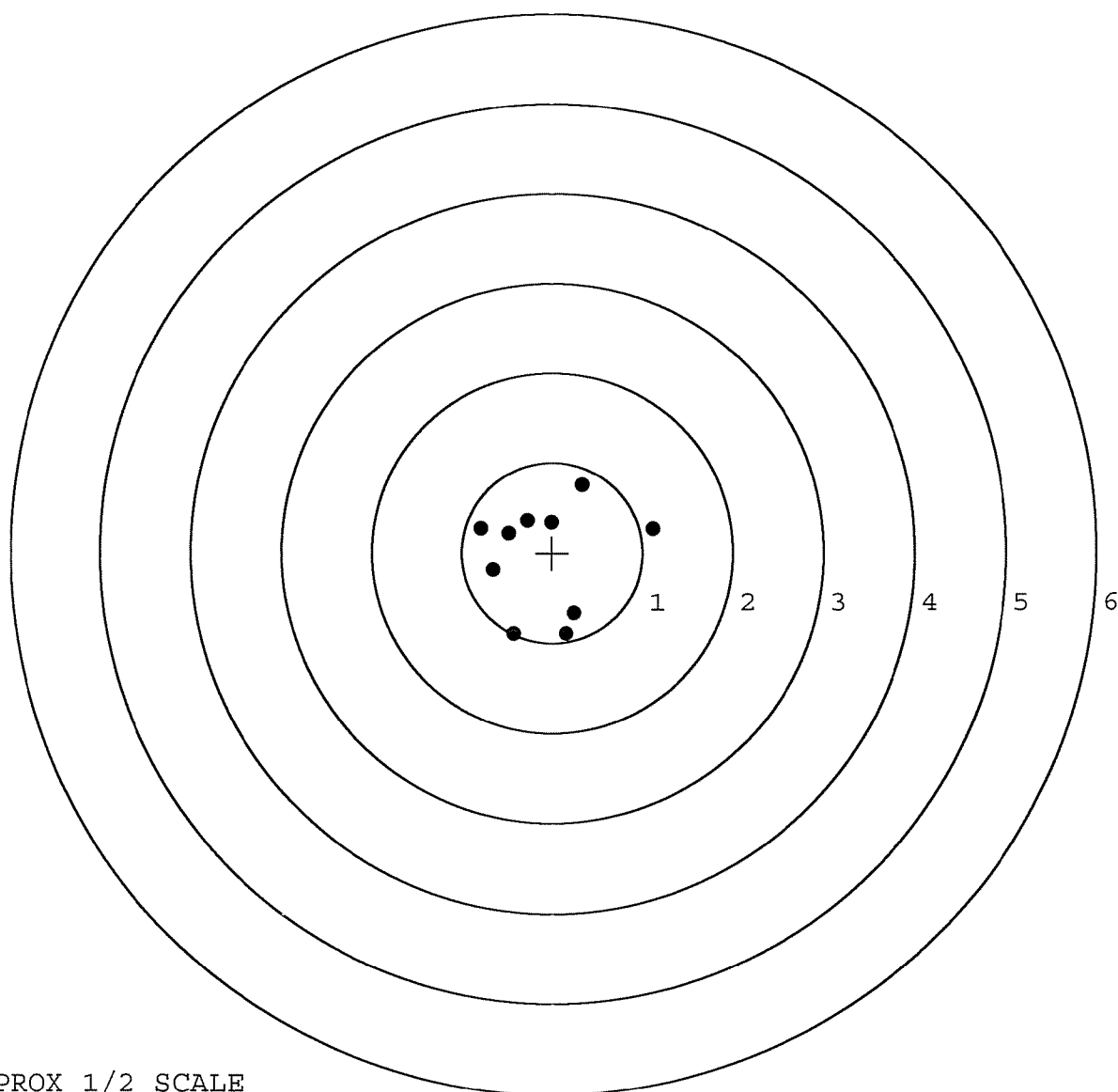
BARBER - M24 0121090

SERIAL NUMBER: E6703398. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2004
FILE TIME: 06:27

X CENTROID: -0.079
Y CENTROID: -0.048
POA TO CENTROID: 0.093
HORZ SPREAD: 1.911
VERT SPREAD: 1.658
GROUP SPREAD: 1.941
MIN RADIUS: 0.389
MAX RADIUS: 1.238
MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.245	-0.680
2:	0.158	-0.903
3:	-0.431	-0.905
4:	1.118	0.265
5:	0.336	0.753
6:	-0.010	0.335
7:	-0.280	0.355
8:	-0.481	0.217
9:	-0.793	0.272
10:	-0.657	-0.189



TARGET APPROX 1/2 SCALE

BARBER - M24 0121092

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

Remington®

MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Made in Ilion, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.
E6703398

ORDER NO.
25716

46


5716 E6703398

24EV

ORDER 25716
MODEL 700™ M24
UPC



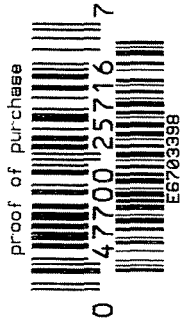
ORDER 25716
MODEL 700™ M24
UPC



MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- DOCUMENT ENVELOPE ASSEMBLY:
- INSTRUCTION BOOK
 - PRODUCT OWNER'S CARD
 - SAFETY BOOKLET

46 FORM 1444

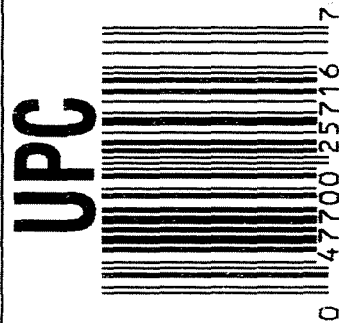


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

E6703398



BARBER - M24 0121094

 AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

 SERIAL NO. E670 3398

 DATE 4/30/01

 TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.40	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.44	2.34	
PULL #3	2.60	2.46	2.32	
PULL #4	2.44	2.23	2.27	
PULL #5	2.73	2.40	2.23	
TOTAL	1280	1193	1155	
AVG.	2.56	2.38	2.31	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.14	2.96	
PULL #2	3.00	3.17	
PULL #3	3.20	3.23	
PULL #4	3.00	3.14	
PULL #5	2.96	3.19	
TOTAL	1530	1569	
AVG.	3.06	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.03		4.26
PULL #2	4.00	4.10		4.17
PULL #3	4.03	4.05		4.36
PULL #4	4.00	4.12		4.29
PULL #5	4.02	4.00		4.26
TOTAL	2011	2030		2134
AVG.	4.02	4.06		4.26

BARBER - M24 0121095

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703398
10 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0682
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .15107
THE AMR FOR THIS RIFLE IS: 1.036

CENTROIDAL DISTANCES

Ø TO	1	.401696
1 TO	2	.623771
1 TO	3	.83951
1 TO	4	.164347
1 TO	5	.724427

2 + 4 1 <----POA

3 5

BARBER - M24 0121096

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: C 1 C

POA TO CENTROID: .402

MIN RADIUS : .273

MEAN RADIUS : .780

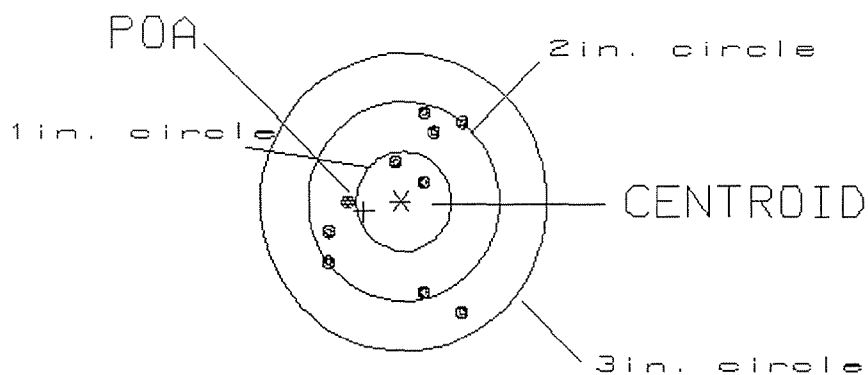
MAX RADIUS : 1.254

CENTROID X : .388

CENTROID Y : .104

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703398

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 1.38

2

VS= 2.02

6

GS= 2.05

10

BARBER - M24 0121097

REMINGTON CENTERFIRE ACCURACY TEST

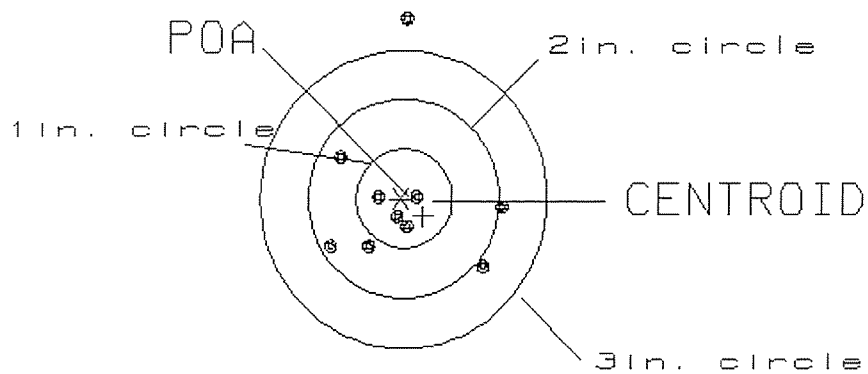
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .293
MIN RADIUS : .156
MEAN RADIUS : .716
MAX RADIUS : 1.829
CENTROID X : -.231
CENTROID Y : .181

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703398

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 1.81
VS= 2.46
GS= 2.60

4
7
9

BARBER - M24 0121098

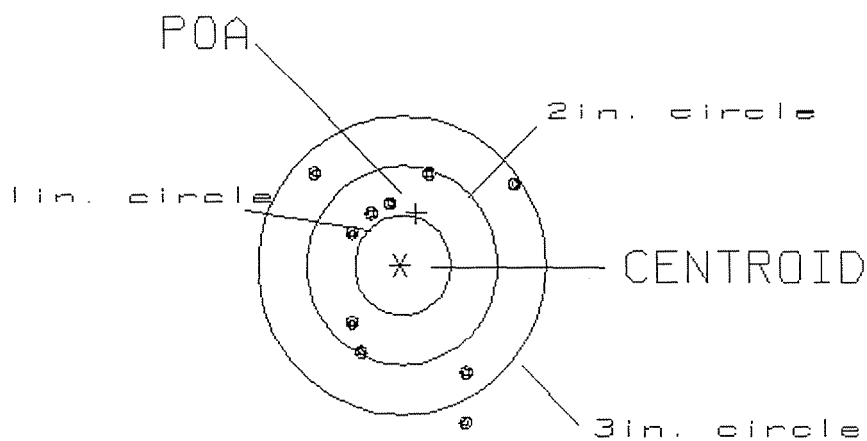
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .551
MIN RADIUS : .560
MEAN RADIUS : 1.021
MAX RADIUS : 1.670
CENTROID X : -.168
CENTROID Y : -.525

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703398

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.14

0

VS= 2.49

5

GS= 2.91

9

BARBER - M24 0121099

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .265

MIN RADIUS : .546

MEAN RADIUS : 1.254

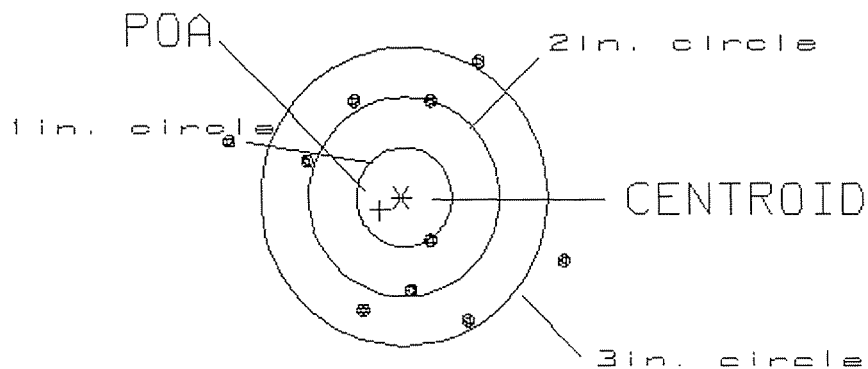
MAX RADIUS : 1.949

CENTROID X : .227

CENTROID Y : .137

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703398

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 3.50

0

VS= 2.60

2

GS= 3.70

7

BARBER - M24 0121100

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .584

MIN RADIUS : .233

MEAN RADIUS : 1.408

MAX RADIUS : 3.294

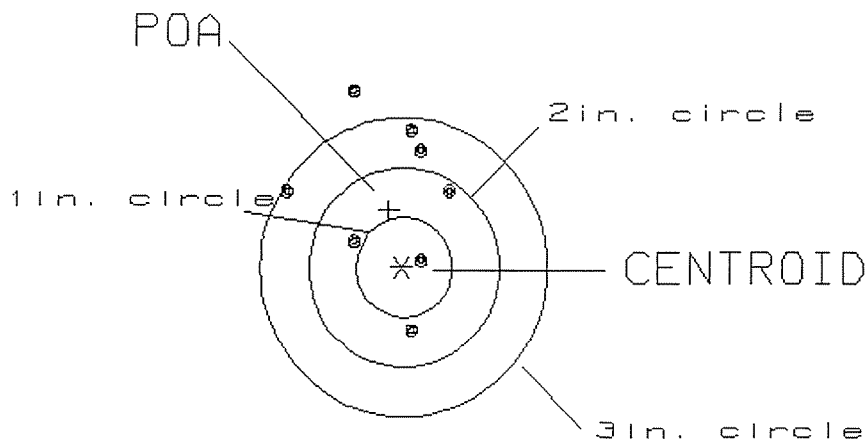
CENTROID X : .125

CENTROID Y : -.571

10 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703398

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.98

VS= 5.04

GS= 5.12

1
4
7

CONTRACT #

GUN SERIAL # E6703398

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5-8-01	CK
600	PROOF		5-8-01	CK
607	CHECK HEADSPACE		5-8-01	CK
610	DIS-ASSEMBLE GUN		5-8-01	CK
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		5/9/01	AL
615	ROLLMARK CALIBER		5/19/01	SK
617	DRILL AND TAP SIGHT HOLES		5/19/01	BT
618	POLISH BARREL		5/19/01	GD
620	APPLY COATINGS (BARREL ACTION)		5/2/01	TA
	(BOLT)		5/12/01	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8/6/01	SK
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/6/01	SK
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/6/01	SK
	D) OIL FIRING PIN ASSEMBLY		8/6/01	SK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		8/6/01	SK

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>6.0</u> <u>5.5</u> <u>5.5</u>	8-21-01	DA
CONT.	G) SAFETY OFF FORCE	<u>3.0</u> <u>3.0</u> <u>2.5</u>	8-21-01	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		8-23-01	RH
	I) FIRING PIN INDENT	<u>.023</u> <u>.022</u> <u>.022</u>	8-21-01	DA
	J) ASSEMBLE STOCK		5-8-01	CK
	K) ASSEMBLE SWIVEL STUDS		5-23-01	RH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/14/01	RH
	M) IRON SIGHT ALIGNMENT		8/14/01	RH
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/14/01	RH
640	GALLERY TEST AND TARGET		8-9-01	RW
	A) MALFUNCTIONS		8-9-01	RW
	B) PIERCED PRIMERS		8-9-01	RW
645	INSPECT FOR LIVE AMMO		8-9-01	RW
655	FINAL INSPECTION A) HEADSPACE		5-23-01	RH
	B) TRIGGER PULL	<u>2.65</u> <u>2.57</u> <u>2.57</u> <u>2.48</u> <u>2.54</u>	8-21-01	DA
	C) FUNCTION		5-23-01	RH
660	PACK		8-24-01	DA