

E 670 3398

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

Repair Number: **RE00079063** Serial: E6703398 Model M24 SWS Center Fire Caliber: 7.62 Repairman: Status: Closed 3/23/2004 10:54:39 AM

Vault Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **W33NYNDOL SSF SARSSI** **W33NYNDOL SSF SARSSI**

Address 1: BLDG 2916 BLDG 2916

Address 2: 1624 W 6TH ST PO Box: 1624 W 6TH ST PO Box:

City: FORT STEWART FORT STEWART

State: GA Zip Code: 31314 Country: US State: GA Zip Code: 31314 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A005</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>Deployment Kit</i>			Code	Desc	Qty	A005	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																													
A005	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																													

Repair Search Refresh Close

maglev 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

SERIAL NUMBER: E6703398. 0

TARGET NUMBER: 1

FILE DATE: 04/12/2004

FILE TIME: 06:27

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
-----	--------	-------

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

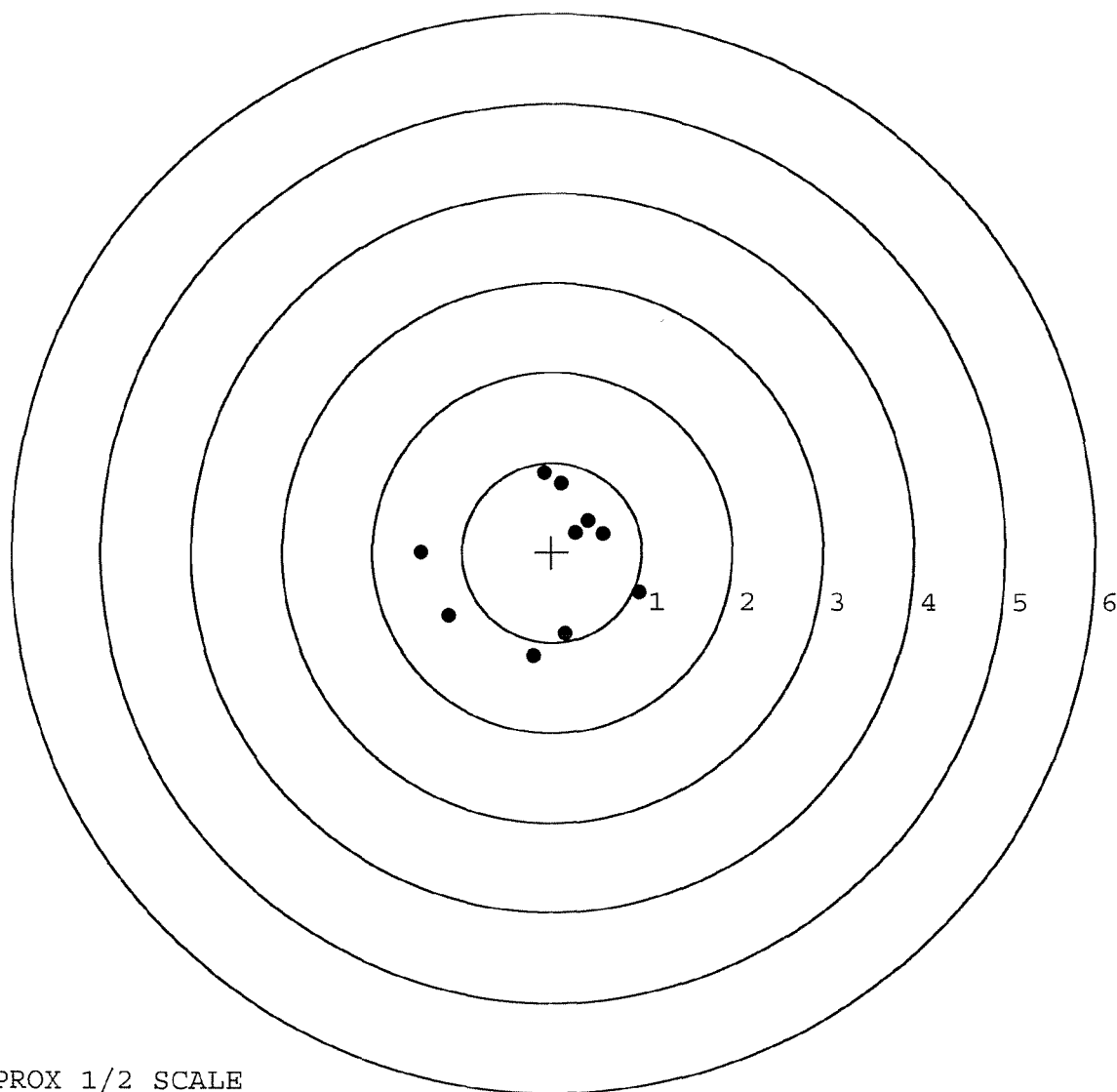
MAX RADIUS: 1.412

MEAN RADIUS: 0.925

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6703398.____0

TARGET NUMBER: 2

FILE DATE: 04/12/2004

FILE TIME: 06:27

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
-----	--------	--------

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

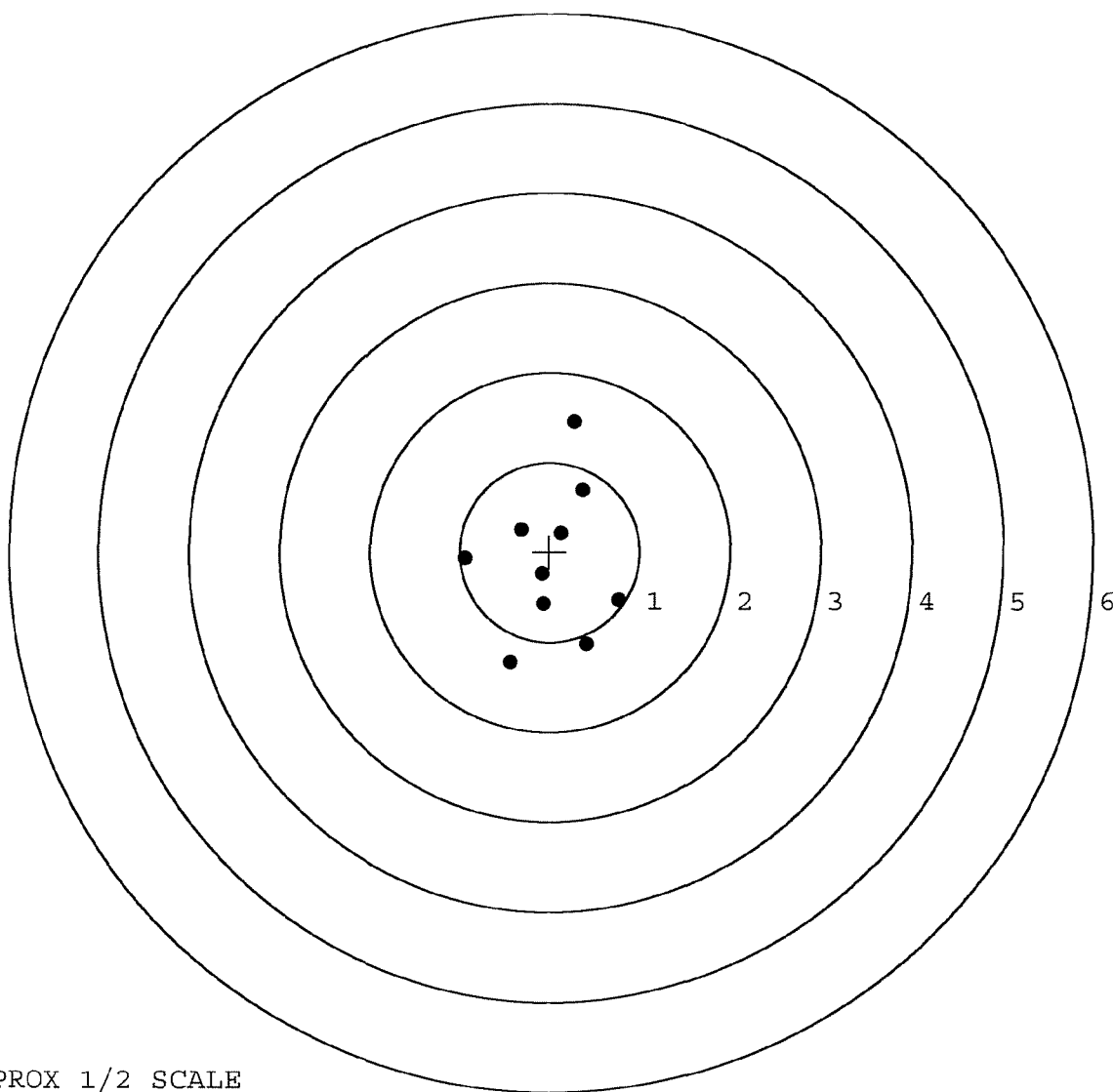
MAX RADIUS: 1.584

MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

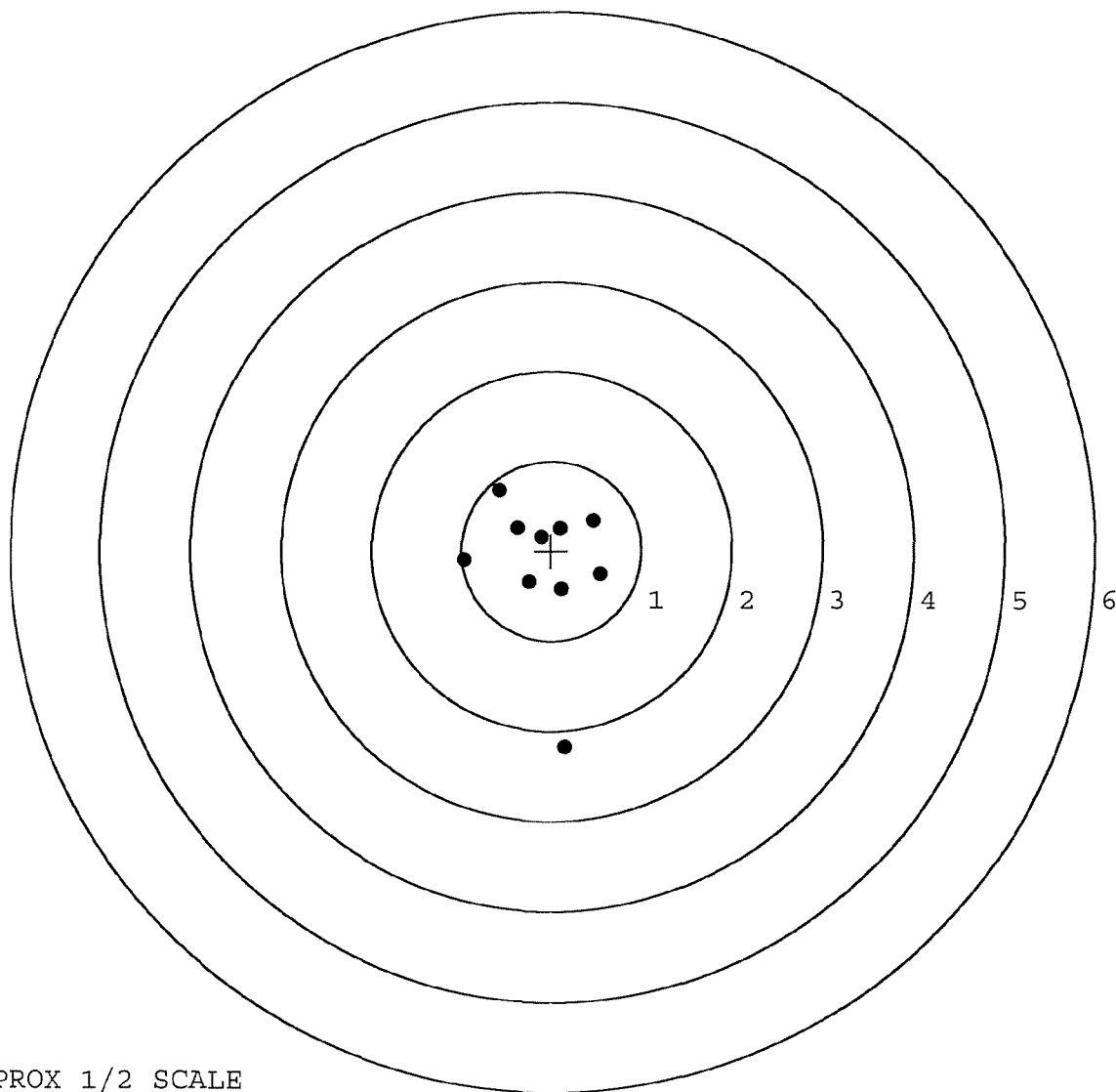
MEAN RADIUS: 0.715

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

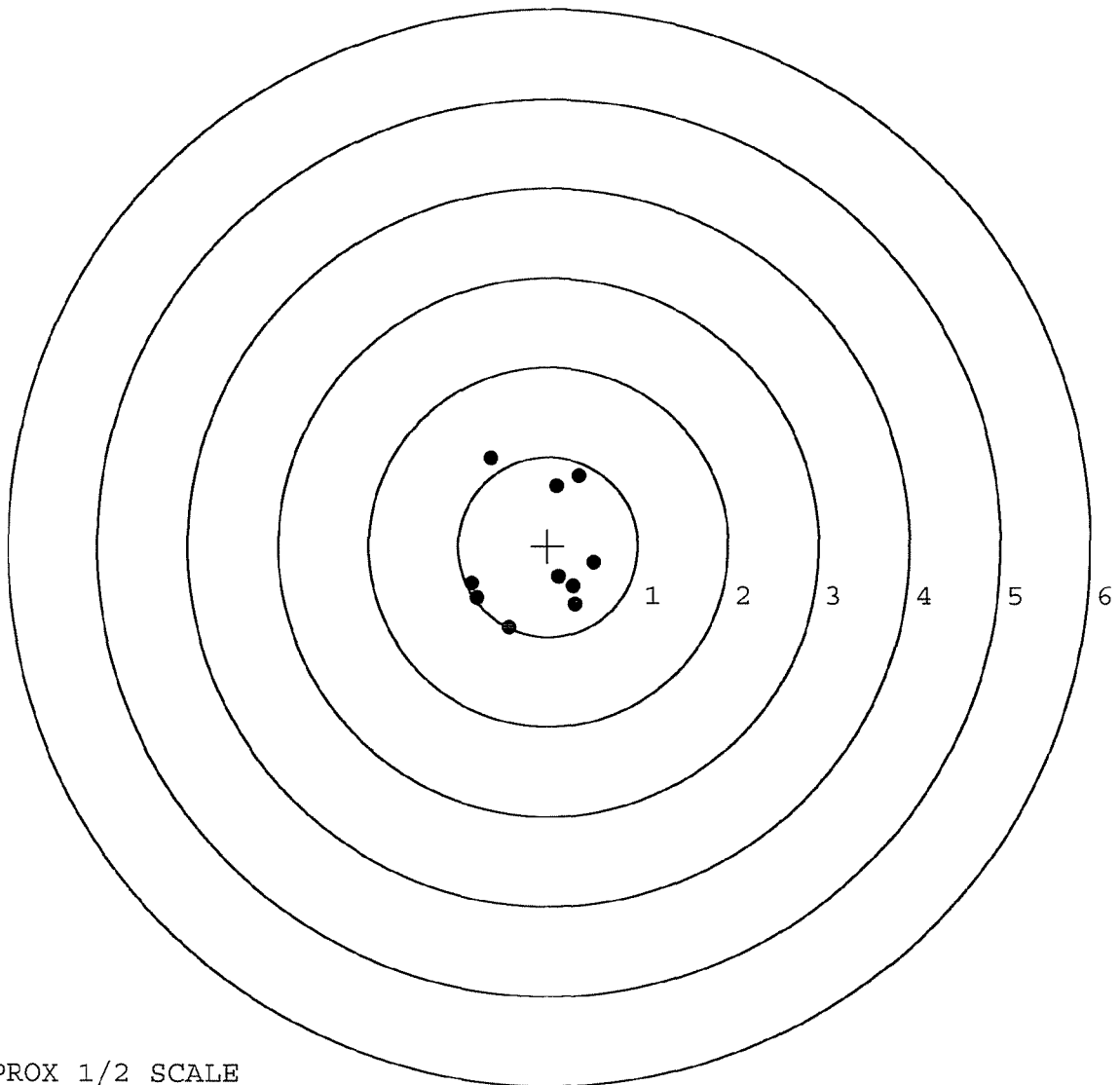


TARGET APPROX 1/2 SCALE

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

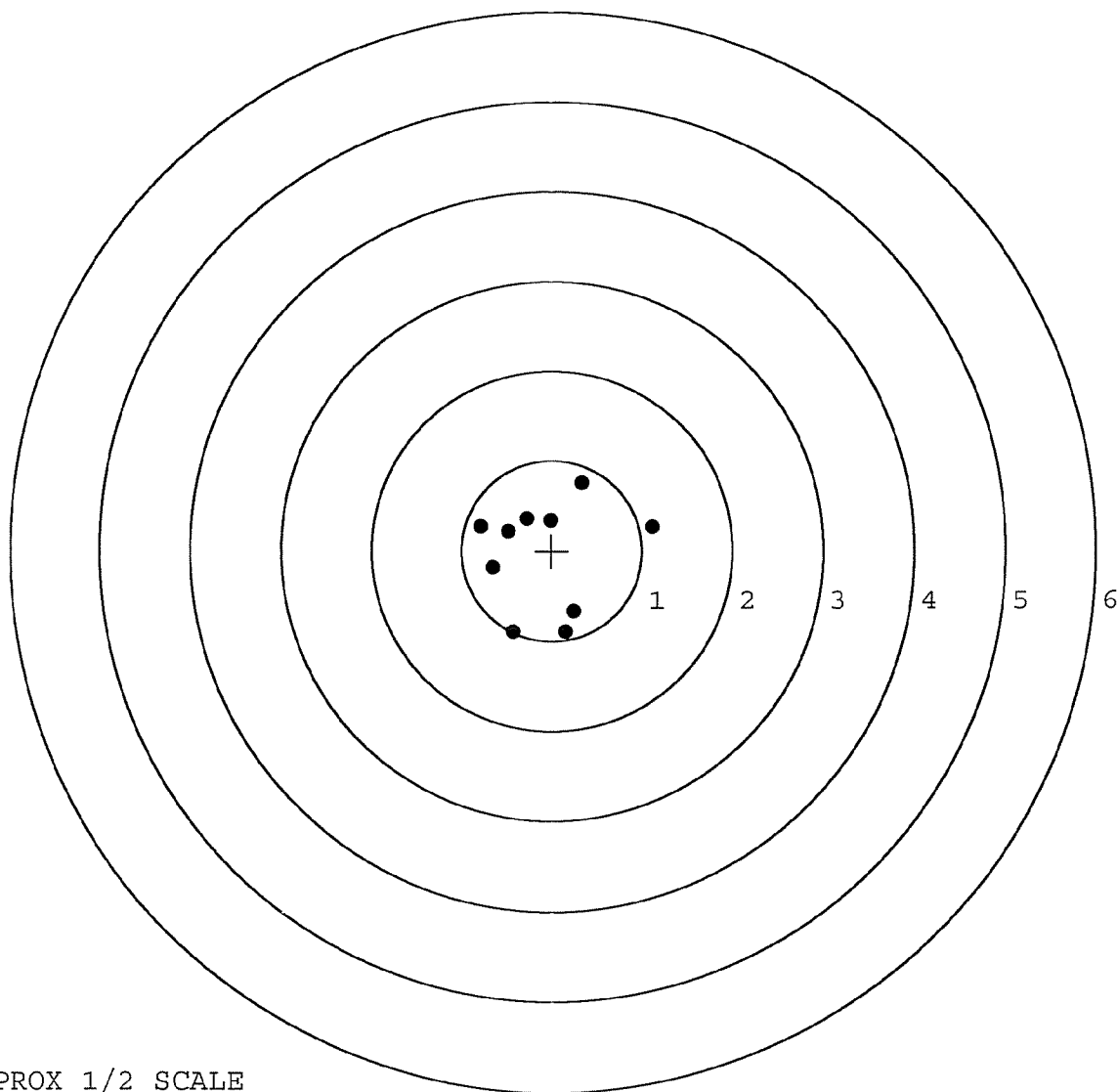


TARGET APPROX 1/2 SCALE

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

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

Serial No. **E6703398**
 Order No. **25716**

46

Made in Union, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

24EV

5716 E6703398

ORDER 25716

MODEL 700™ M24

UPC



ORDER 25716

MODEL 700™ M24

UPC



SERIAL NO.

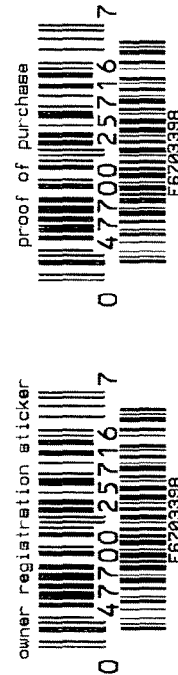


MODEL 700TH M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444

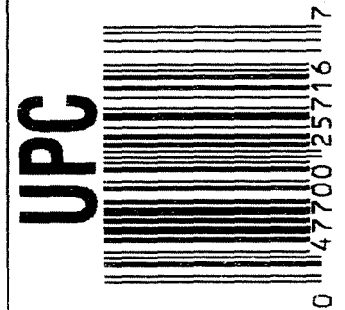


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703398



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

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

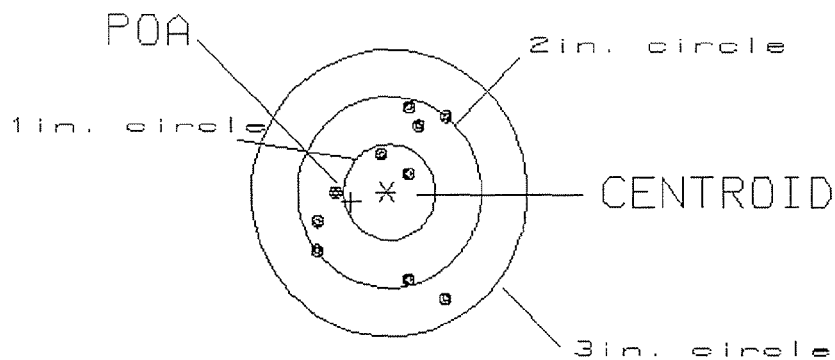
3 5

PATTERN #: 1
 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

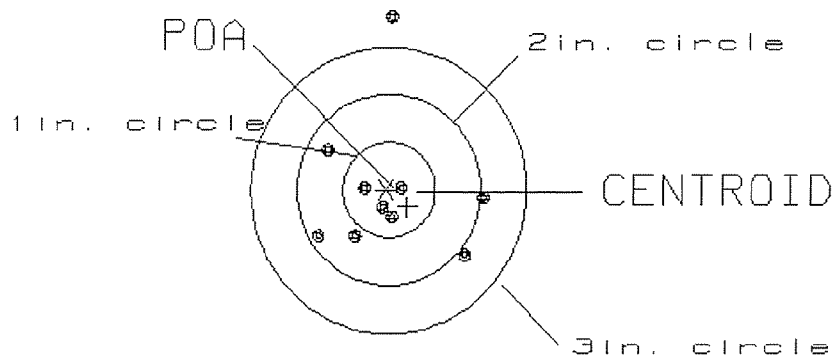
10

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

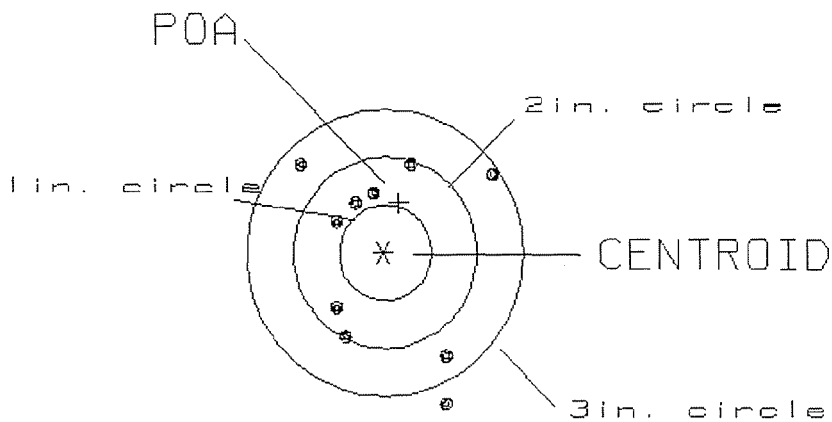
4
 7
 9

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

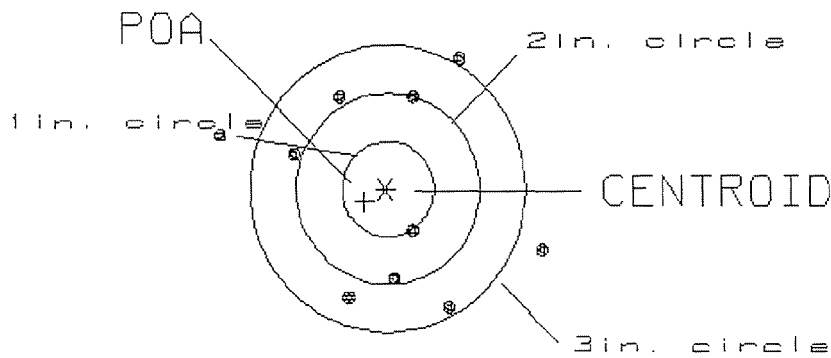
9

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

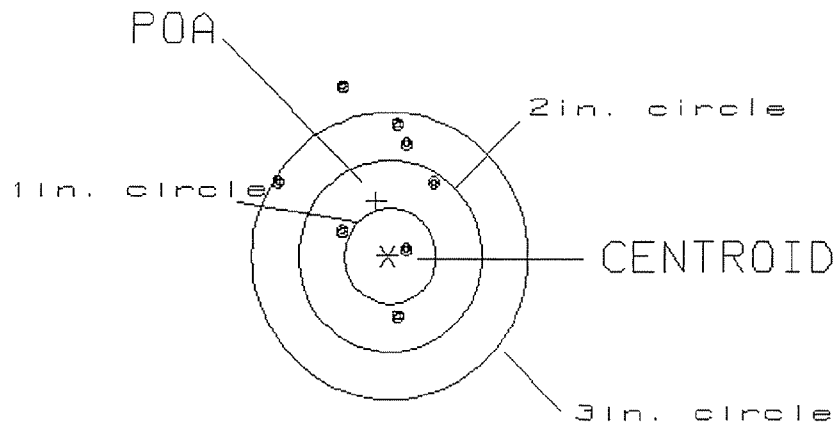
7

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/E6703390

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.98
 VS= 5.04
 GS= 5.12

1
 4
 7

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	AK
615	ROLLMARK CALIBER		5/10/01	AK
617	DRILL AND TAP SIGHT HOLES		5/10/01	BT
618	POLISH BARREL		5/11/01	GD
620	APPLY COATINGS (BARREL ACTION)		5/2/01	TA
	(BOLT)		5/12/01	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8/16/01	AK
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/16/01	AK
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/16/01	AK
	D) OIL FIRING PIN ASSEMBLY		8/16/01	AK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		8/16/01	AK

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>6.9</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		8/16/01	RH
	M) IRON SIGHT ALIGNMENT		8/16/01	RH
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/16/01	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