

G 623 6139

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: **RE00145497**

Serial: G6236139 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 5/14/2008 10:13:16 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 341 SFG/TRF

341 SFG/TRF

Address 1: 77TH ST SOUTH BLDG 581

77TH ST SOUTH BLDG 581

Address 2: PO Box:

PO Box:

City: MAMSTROM AFB

MAMSTROM AFB

State: MT Zip Code: 59402

Country: US

State: MT Zip Code: 59402

Country: US

FFL:

Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Received Condition
Accessories Received

Phone: NN

Fair

Fax:

Condition:

Email:

Notes:

Comments:

CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search
Refresh
Close

naglej

5/14/2008

1:18 PM

CRP

NUM

M24

SWS

Number: **G6236139**

Model: **M24 SWS**

RE00145497

BARBER - M24 0146389

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2408346428

INSPECTION MAINTENANCE FIRING DATA FOR GROUND WEAPONS					1. WEAPON		2. SERIAL NUMBER		3. MANUFACTURER		
					TYPE	MODEL					CALIBER
					Sniper Weapon	M-24	.308	G6236139	Remington		
4. WEAPON LOCATION Malmstrom AFB, Mt. 59402					5. ORGANIZATION 34ISFG/TRF						
CONDITION	ACTION TO BE TAKEN	REMARKS	INITIALS	DATE OF INSP	CONDITION	ACTION TO BE TAKEN	REMARKS	INITIALS	DATE OF INSP		
A	B	C	D	E	A	B	C	D	E		
XX	E	Barrel has reached its Barrel life	JMJ	20080501							
XX	E	Barrel Crown is chipped and pitted	JMJ	20080501							
XX	E	Sling Attachment Holes Need Repaired, they are bored out.	JMJ	20080501							
ABBREVIATIONS FOR CONDITIONS					ABBREVIATIONS FOR ACTION TO BE TAKEN						
V - Satisfactory U - Unserviceable X - Adjustment Required XX - Repair or Replacement Required LP - Lightly Pitted Bore					BP - Badly Pitted Bore UP - Unavo Pitted Bore BU - Barrel or Tube Unserviceable due to Conditions other than Pitting V - Continue in Service A - Corrected at Time of Insp B - To be Corrected by Using Organization C - To be Corrected by Field Maint						
					D - Exchange for Serviceable Item E - Ship as Instructed to Designate Establishments						

AFTO FORM 105, 19800201 (IMT-V1)

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236139.___0
FILE DATE AND TIME: 06/03/2008 20:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.007
The Average Y Centroid of the Five Target Set:	0.042
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.743
The Distance from POA to Centroid Target #1:	0.250
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.365
The Distance from Centroid Target #4 to Centroid Target #1:	0.346
The Distance from Centroid Target #5 to Centroid Target #1:	0.310

BARBER - M24 0146391

SERIAL NUMBER: G6236139. 0

TARGET NUMBER: 1

FILE DATE: 06/03/2008

FILE TIME: 20:51

POINT#	X	Y
1:	0.577	1.745
2:	0.760	1.217
3:	0.929	0.859
4:	0.221	0.436
5:	-0.291	0.909
6:	0.610	0.029
7:	-0.775	-0.509
8:	-0.042	-1.174
9:	-0.885	-1.190
10:	0.041	-0.104

X CENTROID: 0.114

Y CENTROID: 0.222

POA TO CENTROID: 0.250

HORZ SPREAD: 1.814

VERT SPREAD: 2.935

GROUP SPREAD: 3.279

MIN RADIUS: 0.239

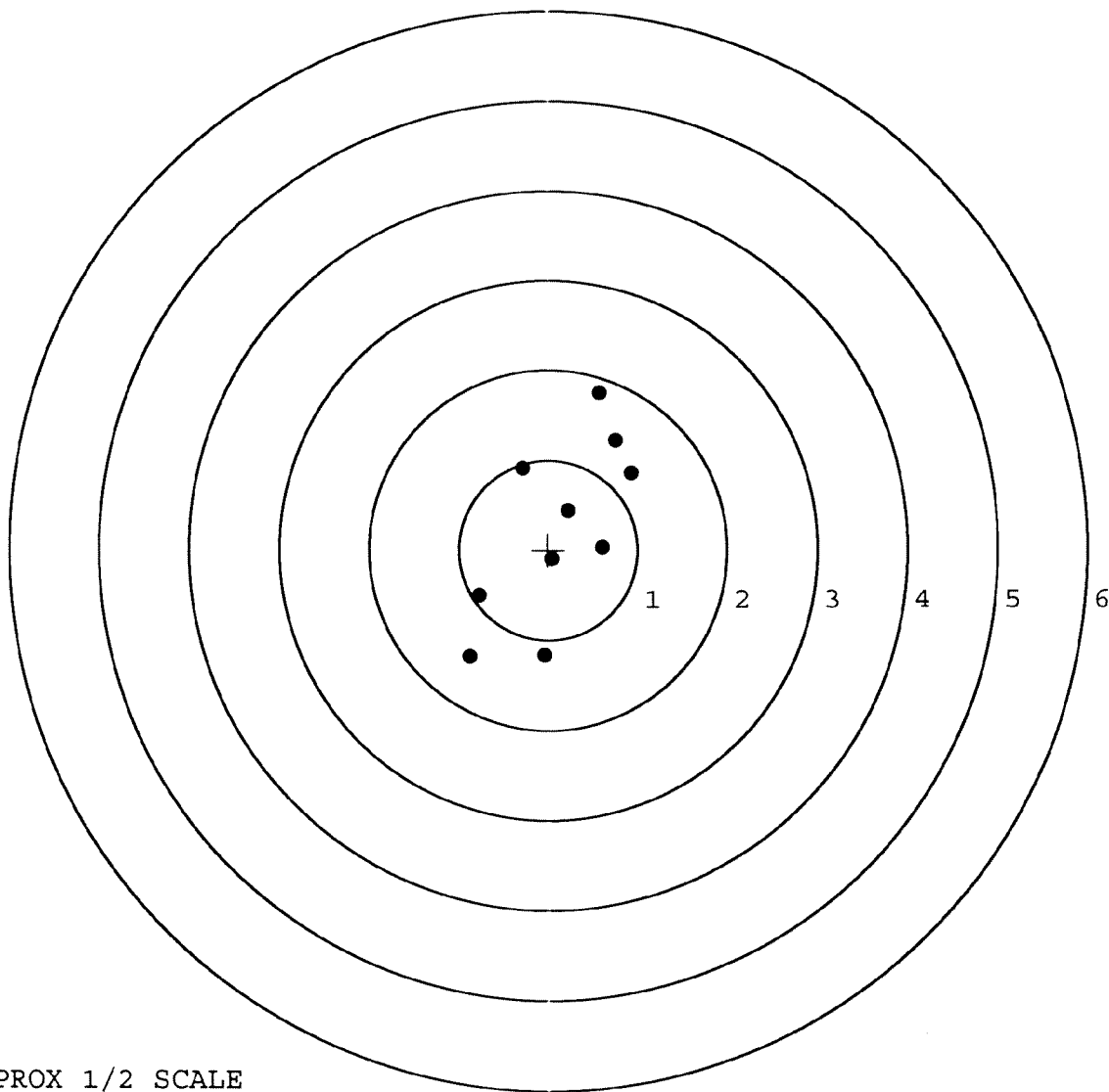
MAX RADIUS: 1.730

MEAN RADIUS: 1.000

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



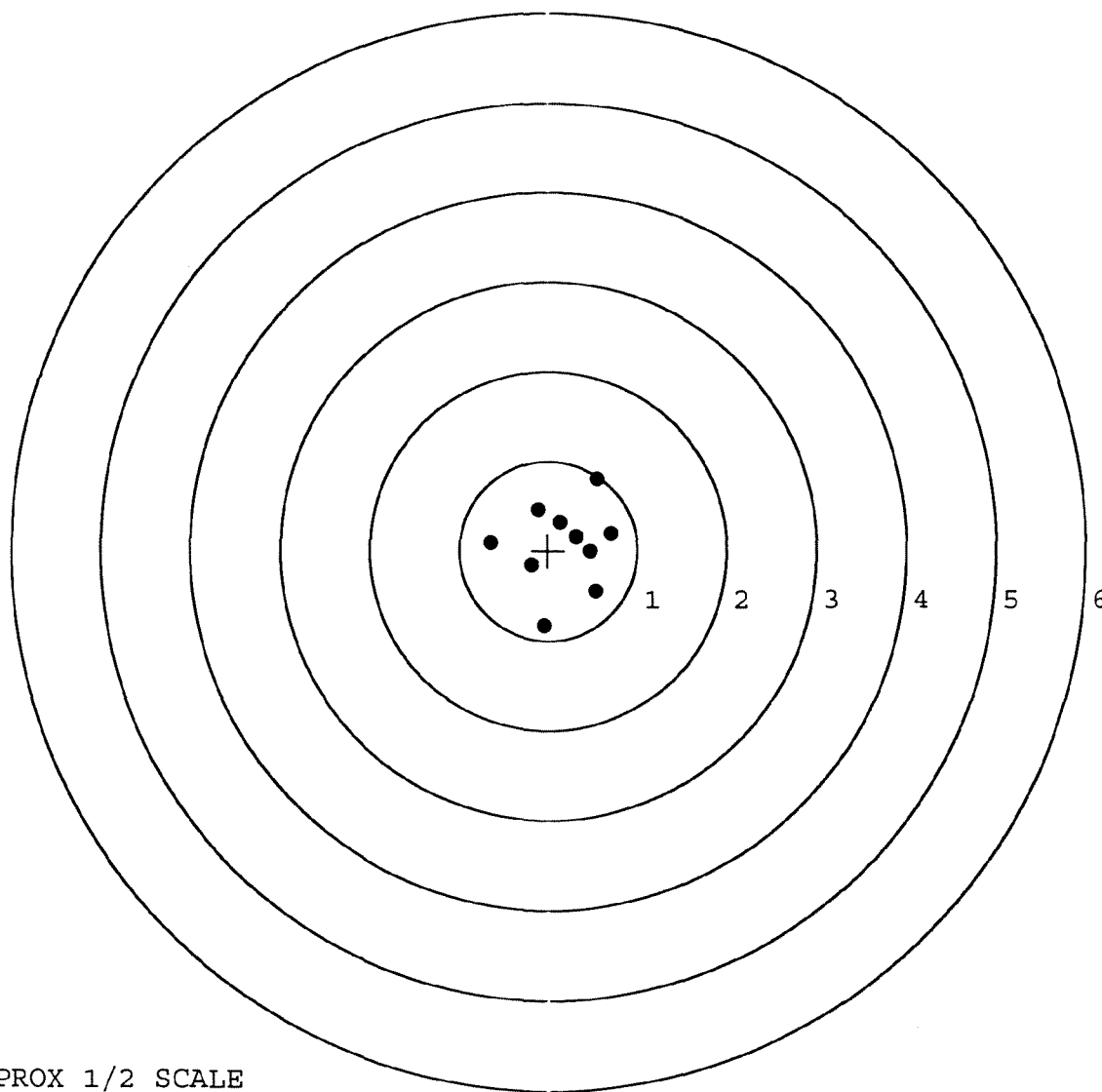
TARGET APPROX 1/2 SCALE

BARBER - M24 0146392

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 2
 FILE DATE: 06/03/2008
 FILE TIME: 20:51

POINT#	X	Y
1:	0.553	0.802
2:	0.702	0.187
3:	0.477	-0.007
4:	0.312	0.155
5:	-0.116	0.454
6:	-0.648	0.084
7:	-0.190	-0.162
8:	0.538	-0.459
9:	-0.050	-0.843
10:	0.132	0.316

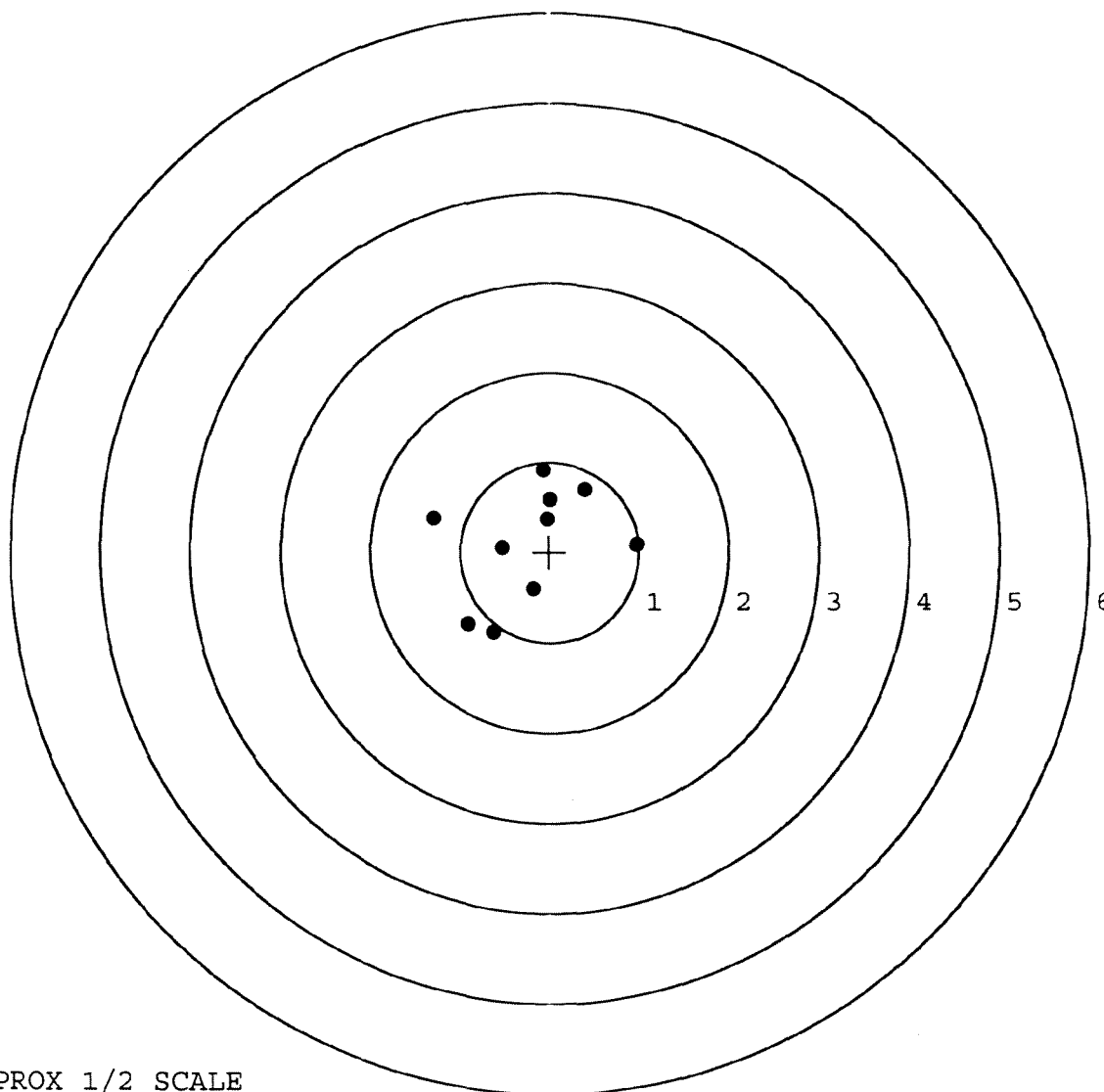
X CENTROID: 0.171
 Y CENTROID: 0.053
 POA TO CENTROID: 0.179
 HORZ SPREAD: 1.350
 VERT SPREAD: 1.645
 GROUP SPREAD: 1.752
 MIN RADIUS: 0.174
 MAX RADIUS: 0.923
 MEAN RADIUS: 0.543
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0146393

SERIAL NUMBER: G6236139. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.069	0.908
FILE DATE: 06/03/2008	2:	0.007	0.584
FILE TIME: 20:51	3:	0.399	0.697
	4:	-0.032	0.362
X CENTROID: -0.227	5:	-0.530	0.048
Y CENTROID: 0.095	6:	-0.184	-0.414
POA TO CENTROID: 0.247	7:	-0.636	-0.893
HORZ SPREAD: 2.273	8:	-0.915	-0.794
VERT SPREAD: 1.801	9:	-1.294	0.373
GROUP SPREAD: 2.292	10:	0.979	0.080
MIN RADIUS: 0.306			
MAX RADIUS: 1.207			
MEAN RADIUS: 0.789			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 10			



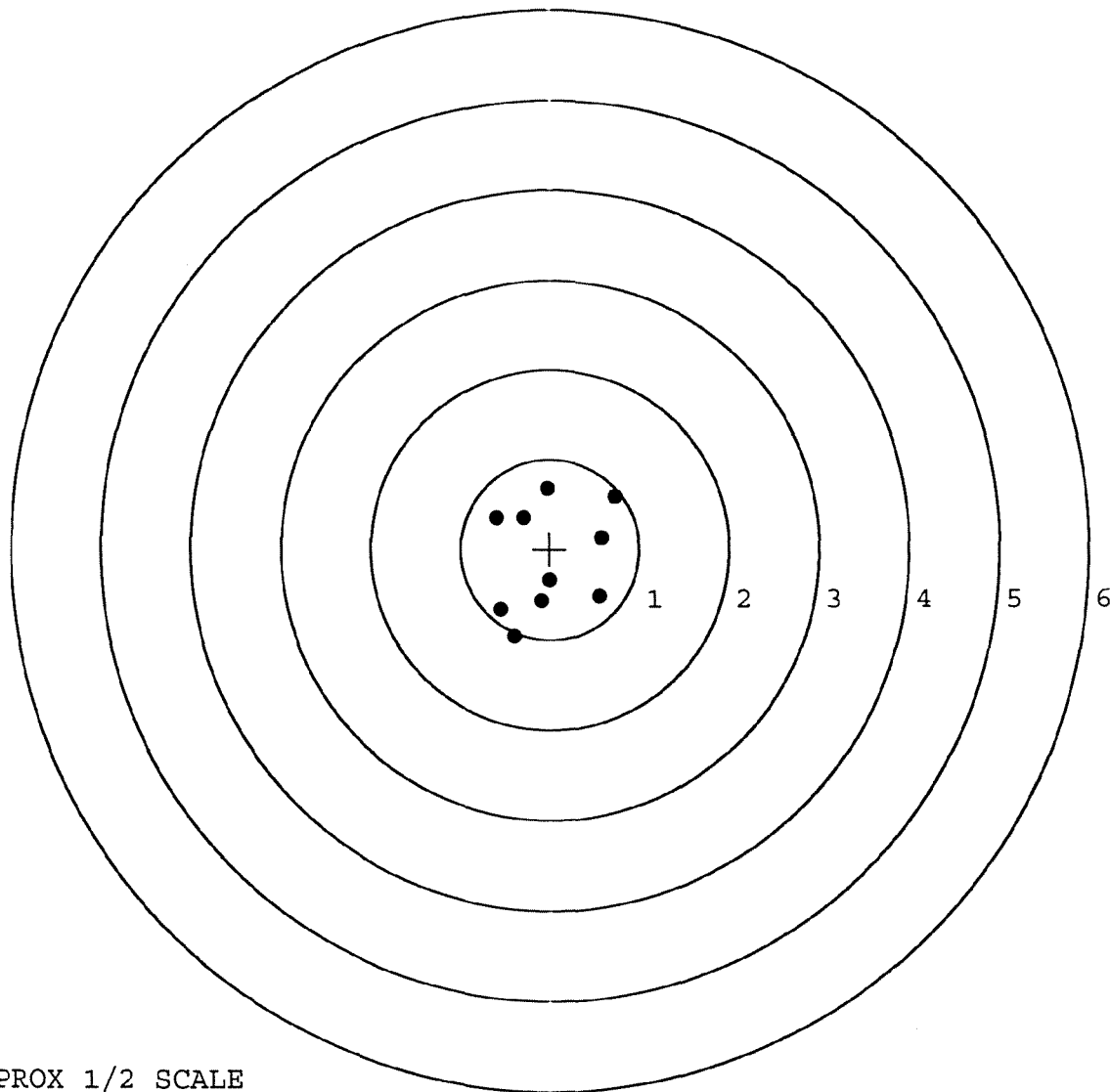
TARGET APPROX 1/2 SCALE

BARBER - M24 0146394

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 4
 FILE DATE: 06/03/2008
 FILE TIME: 20:51

POINT#	X	Y
1:	-0.029	0.673
2:	-0.295	0.349
3:	-0.606	0.349
4:	0.730	0.585
5:	0.574	0.133
6:	0.556	-0.525
7:	-0.003	-0.349
8:	-0.095	-0.575
9:	-0.559	-0.670
10:	-0.401	-0.972

X CENTROID: -0.013
 Y CENTROID: -0.100
 POA TO CENTROID: 0.101
 HORZ SPREAD: 1.336
 VERT SPREAD: 1.645
 GROUP SPREAD: 1.924
 MIN RADIUS: 0.249
 MAX RADIUS: 1.011
 MEAN RADIUS: 0.687
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

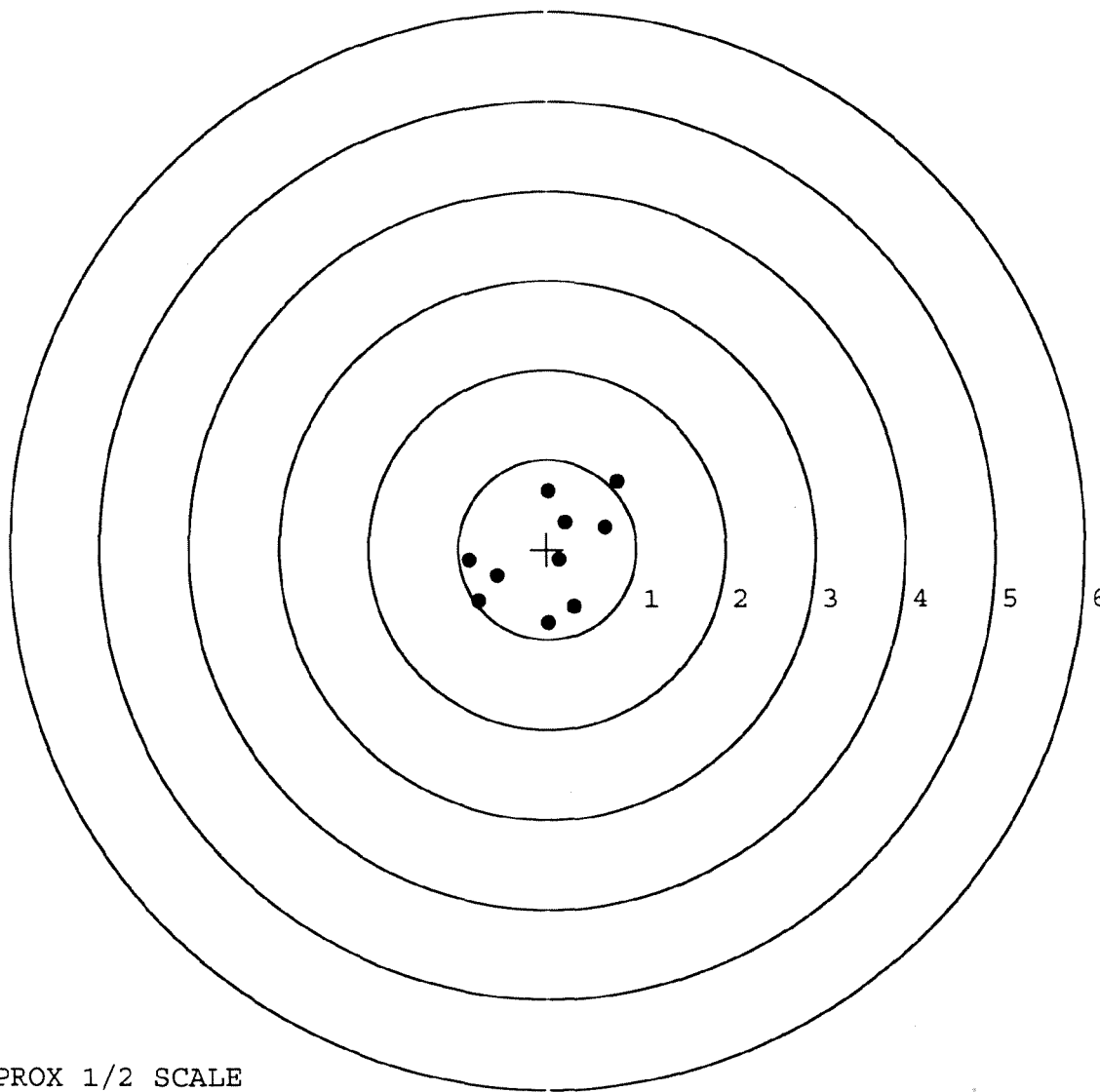


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 5
 FILE DATE: 06/03/2008
 FILE TIME: 20:51

POINT#	X	Y
1:	0.018	0.647
2:	0.201	0.301
3:	0.792	0.757
4:	0.648	0.252
5:	0.137	-0.118
6:	0.302	-0.637
7:	0.020	-0.824
8:	-0.776	-0.577
9:	-0.565	-0.297
10:	-0.876	-0.122

X CENTROID: -0.010
 Y CENTROID: -0.062
 POA TO CENTROID: 0.063
 HORZ SPREAD: 1.668
 VERT SPREAD: 1.581
 GROUP SPREAD: 2.059
 MIN RADIUS: 0.157
 MAX RADIUS: 1.146
 MEAN RADIUS: 0.697
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24
BARBER - M24 0146396 INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	145497		
SERIAL NUMBER	G6236639		
LOG-IN DATE	5-14-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-15-08	RTZ
505	RE-BARREL	5-15-08	RTZ
420	ASSEMBLE	5-16-08	RTZ
440	PROOF	5-16-08	TRW
460	CHECK HEADSPACE	5-16-08	TRW
470	DIS-ASSEMBLE GUN	5-16-08	RTZ
480	MAGNAFLUX	5/23/08	WMD
510	DRILL AND TAP	5-16-08	TRW
500	ROLLMARK CALIBER	5-19-08	CW
520	GOFF BLAST BBL / REC	5-27-08	DG
530 & 540	APPLY COATINGS	5-31-08	WMD
560	FINAL ASSEMBLY	6-2-08	RTZ
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION FPO	6-8-08 RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	6-3-08 RP
670	FINAL INSPECTION	6-6-08	RTZ
	A) HEADSPACE	PASS	6-6-08 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	257 260 266 261 263 668 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.5 5.0 668 RTZ
	G) SAFETY OFF FORCE	2 LBS MAX	2.25 2.5 2.5 668 RTZ
	I) FIRING PIN INDENT	.020	022 022 022 668 RTZ
690	PACK		4/6/08 FM

F006 REV 5/2006

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

Remington®

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Serial No. **66236139**
Order No. **25716**

46

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

06XW

5716 66236139

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



SERIAL NO.



M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

46 FORM

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

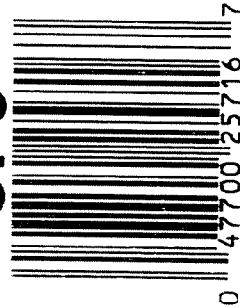
24"

CAPACITY

6

G6236139

UPC



INSPECTION CHECKLIST-NEW GUNS

9GUN SERIAL # G6236139

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		9/5/02	RL
600	PROOF			
607	CHECK HEADSPACE		9/9/02	RL
610	DIS-ASSEMBLE GUN		9/9/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 10 2002 RL		
615	ROLLMARK CALIBER		9/10	BS
617	DRILL AND TAP SIGHT HOLES		9-11-02	Ac
620	APPLY COATINGS (BARREL ACTION)		9-18	TA
	(BOLT)		9-18	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-20-02	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-20-02	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-20-02	RW
	D) OIL FIRING PIN ASSEMBLY		9-20-02	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-18-02	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.5</u> <u>5.0</u>	10-3-02	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	10-3-02	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		11-18-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.023</u>	10-3-02	RA
	J) ASSEMBLE STOCK		9-27-02	RL
	K) ASSEMBLE SWIVEL STUDS		11-18-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/30/02	RL
	M) IRON SIGHT ALIGNMENT		10/30/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/30/02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	9-30-01	RL
	MALFUNCTION	CORRECTION	9-30-01	RL
	MALFUNCTION	CORRECTION	9-30-01	RL
	MALFUNCTION	CORRECTION	9-30-01	RL
	MALFUNCTION	CORRECTION	9-30-01	RL
645	INSPECT FOR LIVE AMMO		9-30-01	RL
655	FINAL INSPECTION A) HEADSPACE		11-18-02	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.44</u> <u>2.37</u> <u>2.49</u> <u>2.4</u> <u>2.52</u>	10/31/02	RL
	C) FUNCTION		11-18-02	RL
660	PACK		12-3-02	RA

INITIAL & CYCLE TESTS

BARBER - M24 0146401

3.00# ± .75#

4.00# ± 1.00#

DATE 9-27-02

TESTER TRW

G6236139

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.58	2.47	2.62	MIN. SETTING,
PULL #2	2.54	2.51	2.48	NO AVG. OF 5
PULL #3	2.52	2.48	2.53	READINGS ACCEPT-
PULL #4	2.54	2.55	2.59	ABLE LESS THAN 2
PULL #5	2.54	2.55	2.58	
TOTAL	12.72	12.56	12.80	
AVG.	2.54	2.51	2.56	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.31	3.27	
PULL #2	3.34	3.16	
PULL #3	3.28	3.29	
PULL #4	3.29	3.35	
PULL #5	3.25	3.30	
TOTAL	16.47	13.47	
AVG.	3.29	2.69	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.31	4.15		4.08
PULL #2	4.30	4.02		4.22
PULL #3	4.16	4.03		4.26
PULL #4	4.22	4.23		4.18
PULL #5	3.98	4.11		4.15
TOTAL	20.97	20.54		20.89
AVG.	4.19	4.10		4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236139.__0

FILE DATE AND TIME: 10/01/2002 12:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.037
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.695
The Distance from POA to Centroid Target #1:	0.056
The Distance from Centroid Target #2 to Centroid Target #1:	0.101
The Distance from Centroid Target #3 to Centroid Target #1:	0.079
The Distance from Centroid Target #4 to Centroid Target #1:	0.212
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: G6236139. __0

TARGET NUMBER: 1

FILE DATE: 10/01/2002

FILE TIME: 12:20

POINT#	X	Y
1:	0.968	-0.264
2:	0.729	-0.402
3:	0.463	0.303
4:	0.513	1.099
5:	-0.785	0.418
6:	-0.736	-0.099
7:	-0.720	-0.533
8:	-0.005	-0.181
9:	-0.137	-0.018
10:	-0.184	0.229

X CENTROID: 0.011

Y CENTROID: 0.055

POA TO CENTROID: 0.056

HORZ SPREAD: 1.753

VERT SPREAD: 1.632

GROUP SPREAD: 2.045

MIN RADIUS: 0.165

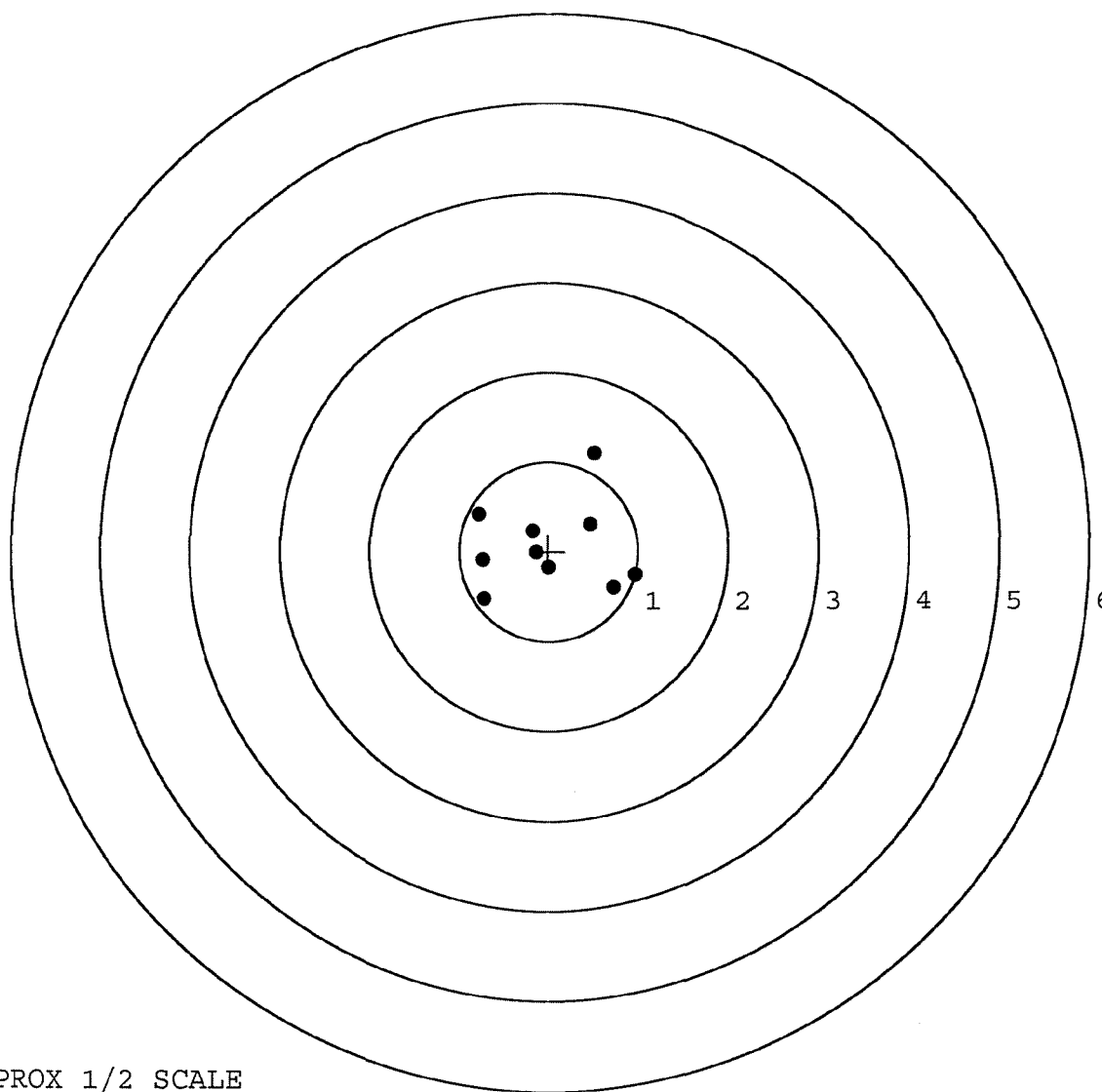
MAX RADIUS: 1.158

MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



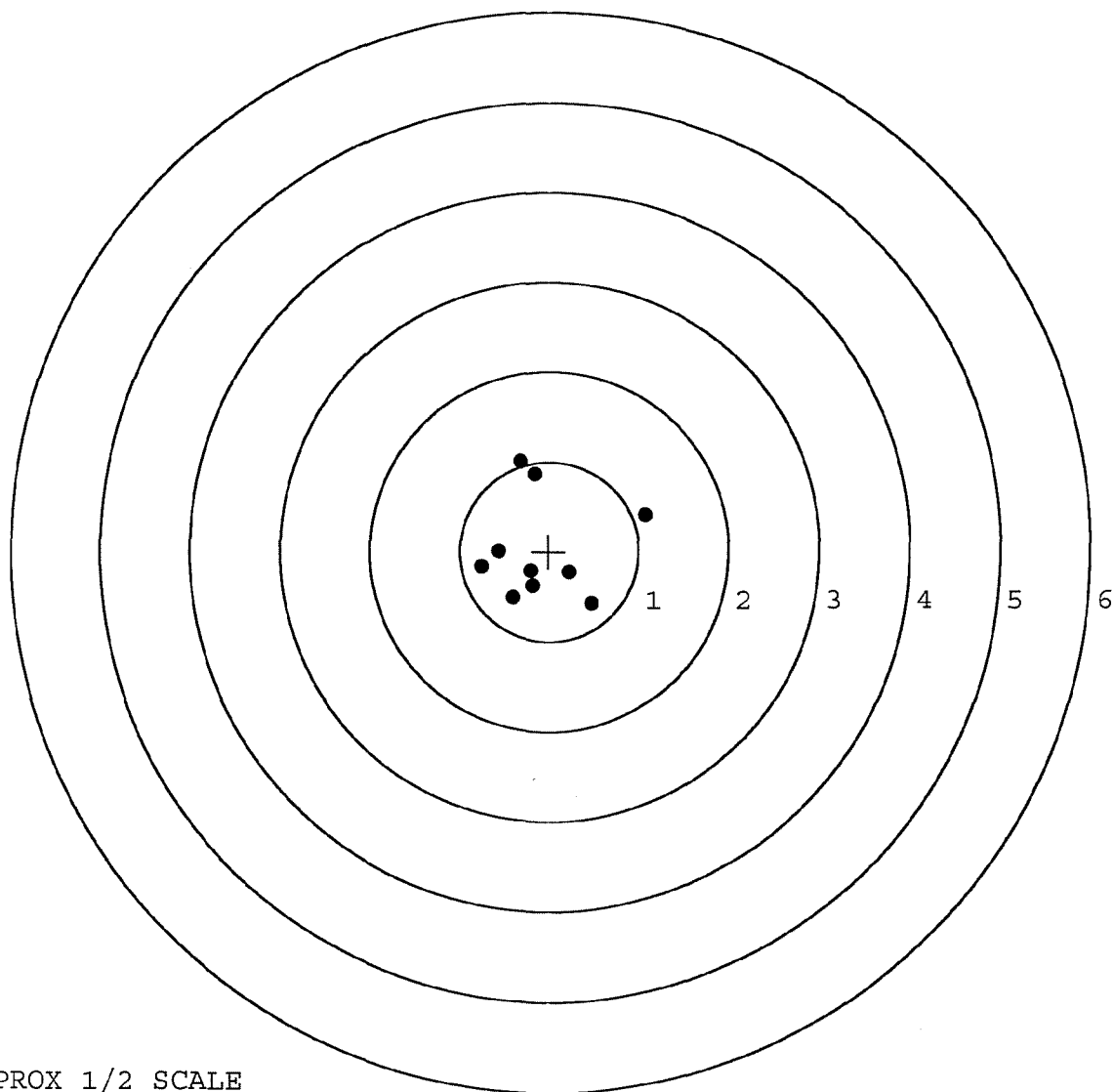
TARGET APPROX 1/2 SCALE

BARBER - M24 0146404

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 2
 FILE DATE: 10/01/2002
 FILE TIME: 12:20

POINT#	X	Y
1:	0.479	-0.584
2:	0.228	-0.238
3:	1.069	0.401
4:	-0.322	1.006
5:	-0.163	0.862
6:	-0.560	0.001
7:	-0.757	-0.178
8:	-0.200	-0.223
9:	-0.186	-0.393
10:	-0.401	-0.522

X CENTROID: -0.081
 Y CENTROID: 0.013
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.826
 VERT SPREAD: 1.590
 GROUP SPREAD: 1.916
 MIN RADIUS: 0.264
 MAX RADIUS: 1.214
 MEAN RADIUS: 0.679
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



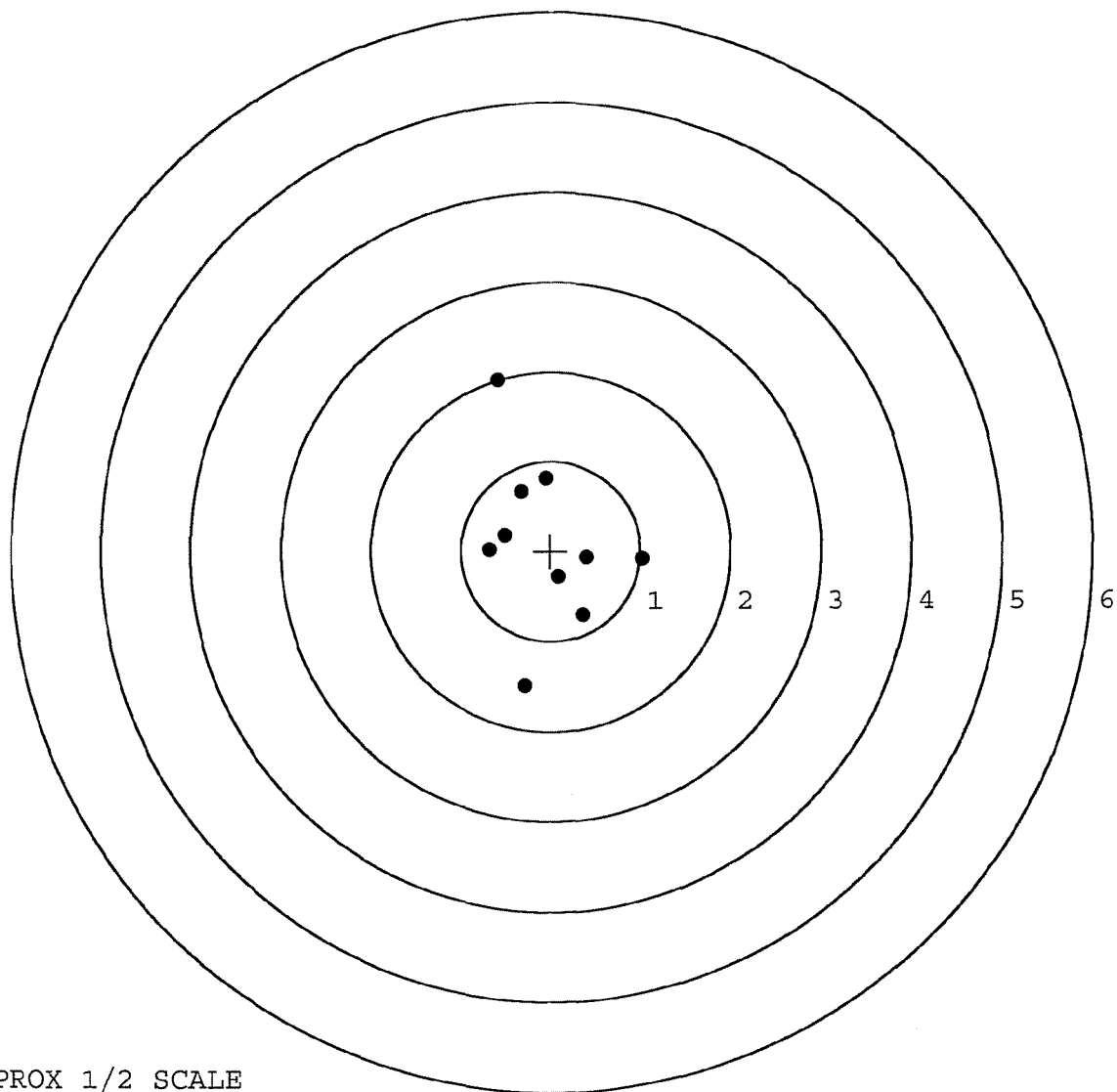
TARGET APPROX 1/2 SCALE

BARBER - M24 0146405

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 3
 FILE DATE: 10/01/2002
 FILE TIME: 12:20

POINT#	X	Y
1:	1.023	-0.088
2:	0.364	-0.709
3:	-0.282	-1.495
4:	0.402	-0.070
5:	0.089	-0.290
6:	-0.681	0.015
7:	-0.518	0.180
8:	-0.332	0.662
9:	-0.060	0.809
10:	-0.596	1.911

X CENTROID: -0.059
 Y CENTROID: 0.092
 POA TO CENTROID: 0.110
 HORZ SPREAD: 1.704
 VERT SPREAD: 3.406
 GROUP SPREAD: 3.420
 MIN RADIUS: 0.410
 MAX RADIUS: 1.896
 MEAN RADIUS: 0.884
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



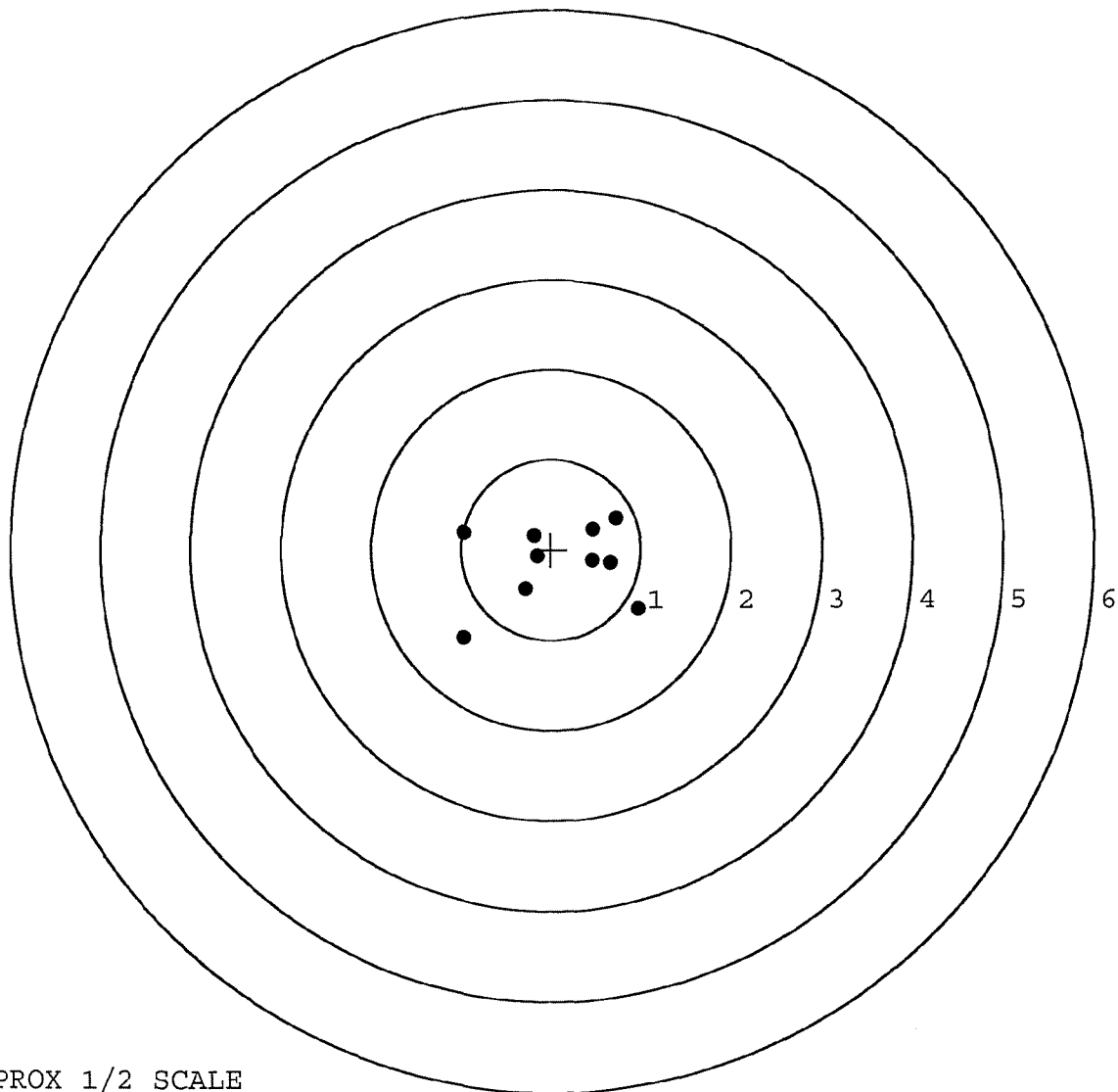
TARGET APPROX 1/2 SCALE

BARBER - M24 0146406

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 4
 FILE DATE: 10/01/2002
 FILE TIME: 12:20

POINT#	X	Y
1:	0.968	-0.657
2:	0.665	-0.140
3:	0.464	0.230
4:	0.726	0.351
5:	-0.191	0.160
6:	-0.149	-0.080
7:	-0.281	-0.436
8:	-0.978	-0.981
9:	-0.978	0.188
10:	0.463	-0.115

X CENTROID: 0.071
 Y CENTROID: -0.148
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.946
 VERT SPREAD: 1.332
 GROUP SPREAD: 2.163
 MIN RADIUS: 0.230
 MAX RADIUS: 1.339
 MEAN RADIUS: 0.692
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



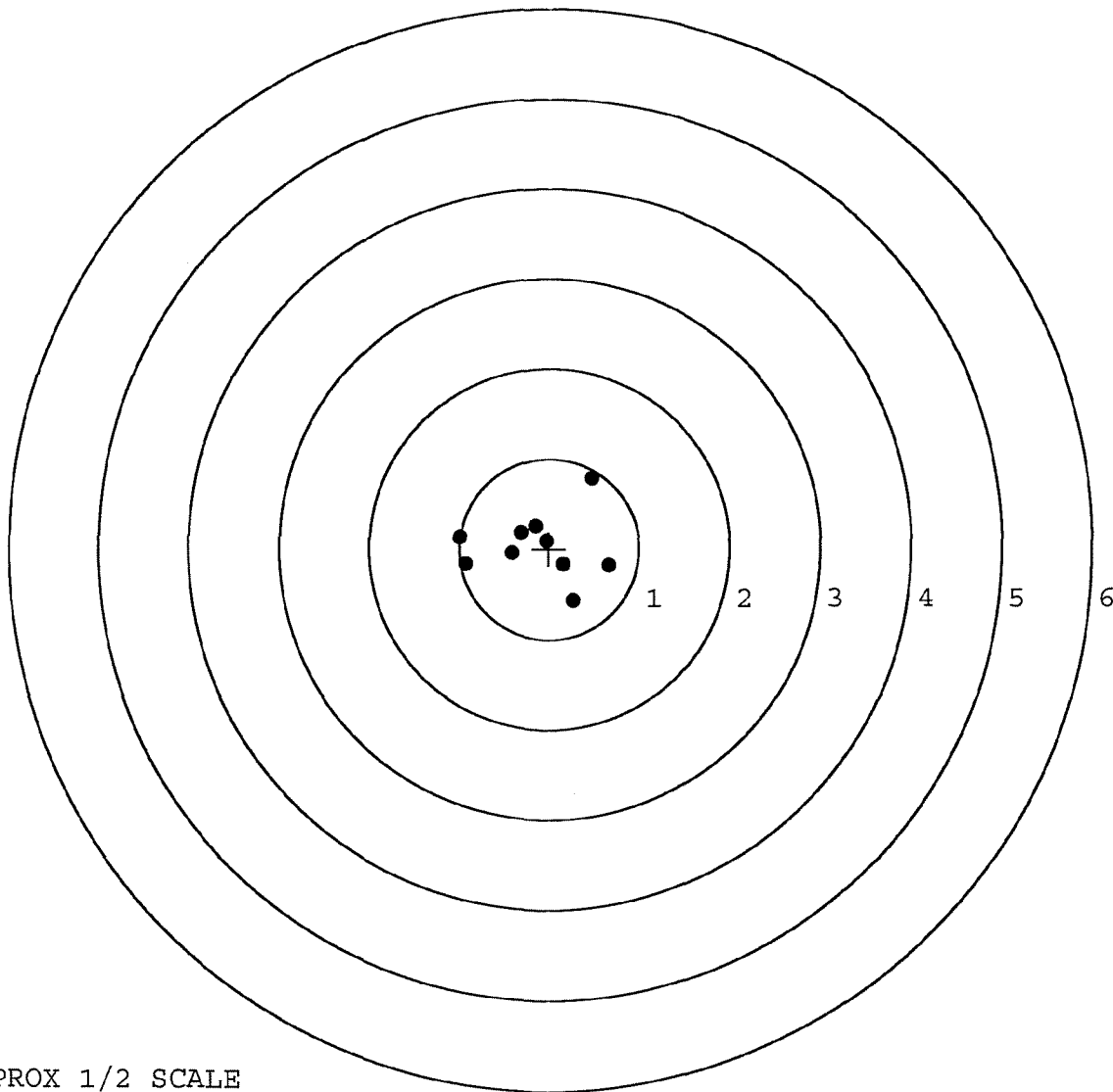
TARGET APPROX 1/2 SCALE

BARBER - M24 0146407

SERIAL NUMBER: G6236139. __0
 TARGET NUMBER: 5
 FILE DATE: 10/01/2002
 FILE TIME: 12:20

POINT#	X	Y
1:	-0.932	-0.176
2:	-0.998	0.123
3:	0.478	0.785
4:	0.667	-0.191
5:	0.267	-0.574
6:	0.161	-0.174
7:	-0.033	0.080
8:	-0.154	0.248
9:	-0.315	0.183
10:	-0.407	-0.060

X CENTROID: -0.127
 Y CENTROID: 0.024
 POA TO CENTROID: 0.129
 HORZ SPREAD: 1.665
 VERT SPREAD: 1.359
 GROUP SPREAD: 1.706
 MIN RADIUS: 0.109
 MAX RADIUS: 0.972
 MEAN RADIUS: 0.544
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE