

G-623 6122

Repair Inquiry

Repair Number: RE00127601

Serial: G6236122 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 4/3/2007 1:04:37 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4830 TMO 23RD LRS LGRTCO

FB4830 TMO 23RD LRS LGRTCO

Address 1: 4380D ALABAMA ROAD

4380D ALABAMA ROAD

Address 2: PO Box:

PO Box:

City: MOODY AFB

MOODY AFB

State: GA

Zip Code: 31699

Country: US

State: GA

Zip Code: 31699

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information:

Phone: NA

Fax:

Email:

Comments:

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

4/3/2007

1:39 PM

CAPS

NUM

INS

SCRL

Serial Number:

G6236122

Model: M24 SWS



RE00127601

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236122.___2
FILE DATE AND TIME: 05/15/2007 07:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

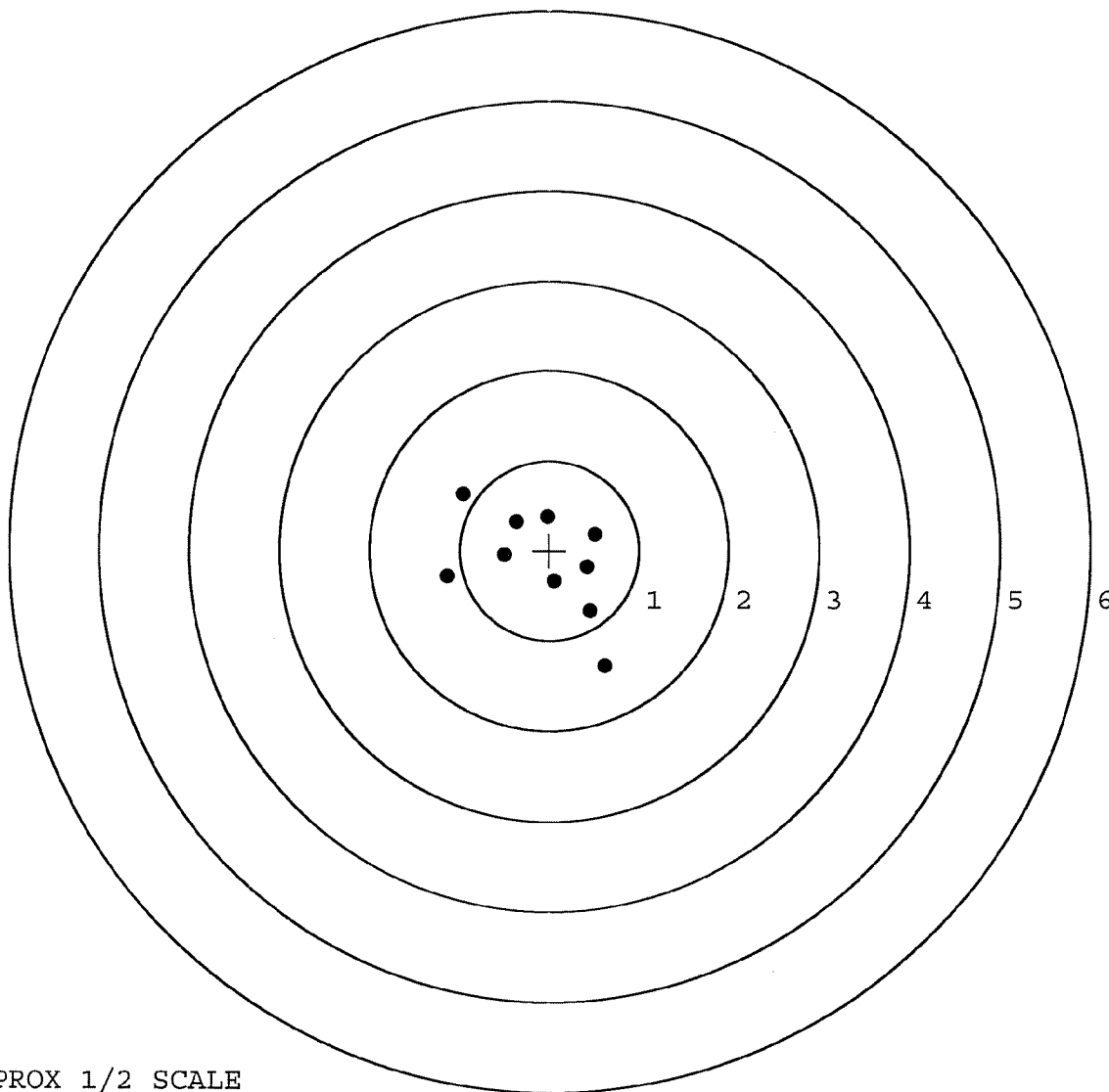
The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	-0.202
The Average Point of Impact of the Five Target Set:	0.204
The Average Mean Radius of the Five Target Set:	0.967
The Distance from POA to Centroid Target #1:	0.162
The Distance from Centroid Target #2 to Centroid Target #1:	0.202
The Distance from Centroid Target #3 to Centroid Target #1:	0.417
The Distance from Centroid Target #4 to Centroid Target #1:	0.058
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

BARBER - M24 0146170

SERIAL NUMBER: G6236122. __2
 TARGET NUMBER: 1
 FILE DATE: 05/15/2007
 FILE TIME: 07:44

POINT#	X	Y
1:	0.621	-1.289
2:	0.454	-0.675
3:	0.060	-0.342
4:	0.421	-0.182
5:	0.508	0.183
6:	-0.021	0.378
7:	-0.373	0.323
8:	-0.501	-0.052
9:	-1.139	-0.293
10:	-0.961	0.627

X CENTROID: -0.093
 Y CENTROID: -0.132
 POA TO CENTROID: 0.162
 HORZ SPREAD: 1.760
 VERT SPREAD: 1.916
 GROUP SPREAD: 2.485
 MIN RADIUS: 0.260
 MAX RADIUS: 1.359
 MEAN RADIUS: 0.726
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0146171

SERIAL NUMBER: G6236122. 2

TARGET NUMBER: 2

FILE DATE: 05/15/2007

FILE TIME: 07:44

POINT#	X	Y
1:	0.880	0.290
2:	0.584	0.980
3:	0.378	-0.318
4:	0.227	-0.574
5:	-0.340	0.029
6:	-0.488	0.349
7:	-0.955	0.226
8:	-0.581	-0.510
9:	-1.546	-1.236
10:	-0.419	-2.077

X CENTROID: -0.226

Y CENTROID: -0.284

POA TO CENTROID: 0.363

HORZ SPREAD: 2.426

VERT SPREAD: 3.057

GROUP SPREAD: 3.217

MIN RADIUS: 0.333

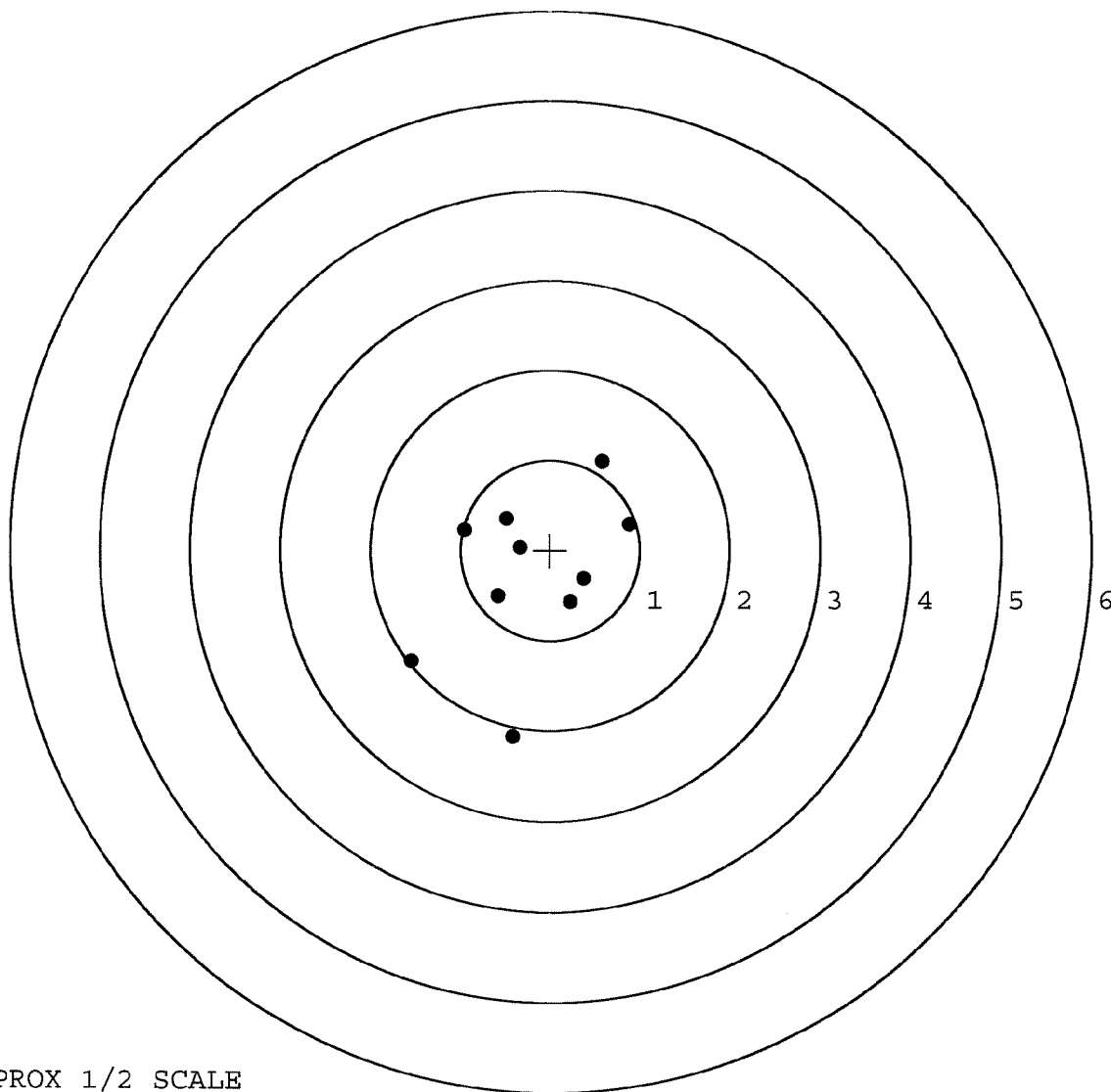
MAX RADIUS: 1.803

MEAN RADIUS: 0.965

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0146172

SERIAL NUMBER: G6236122. __2

TARGET NUMBER: 3

FILE DATE: 05/15/2007

FILE TIME: 07:44

POINT#	X	Y
1:	1.250	-2.222
2:	-0.268	-2.422
3:	-0.606	-2.164
4:	0.374	-0.985
5:	-0.544	-0.415
6:	0.385	-0.288
7:	0.385	0.122
8:	0.345	0.813
9:	-0.232	0.993
10:	0.181	1.708

X CENTROID: 0.127

Y CENTROID: -0.486

POA TO CENTROID: 0.502

HORZ SPREAD: 1.856

VERT SPREAD: 4.130

GROUP SPREAD: 4.154

MIN RADIUS: 0.325

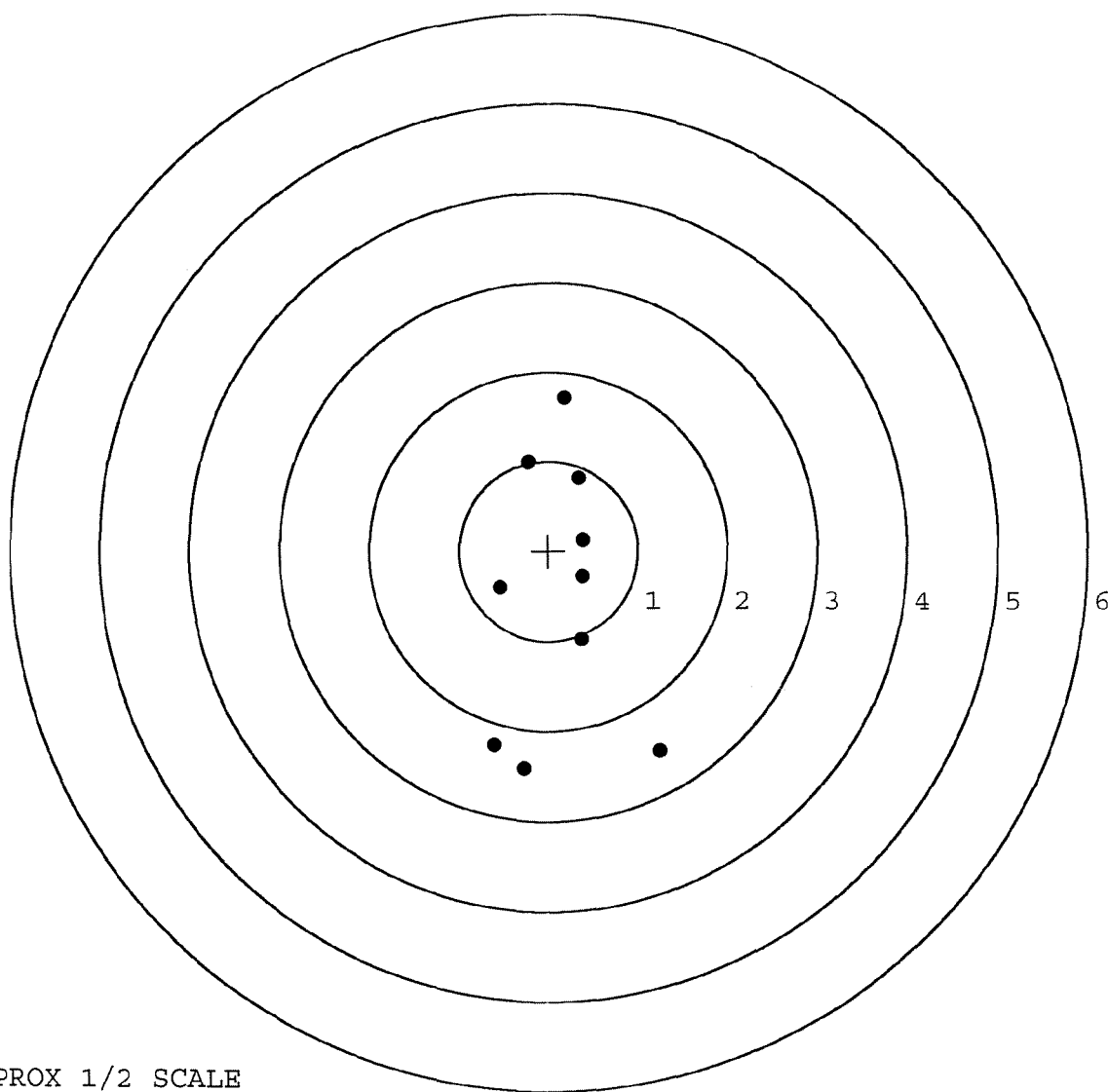
MAX RADIUS: 2.195

MEAN RADIUS: 1.313

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

BARBER - M24 0146173

SERIAL NUMBER: G6236122. 2

TARGET NUMBER: 4

FILE DATE: 05/15/2007

FILE TIME: 07:44

POINT#	X	Y
1:	-0.139	-2.066
2:	0.800	-0.503
3:	0.668	-0.268
4:	0.704	-0.003
5:	-0.102	-0.052
6:	-0.328	0.384
7:	-0.524	-0.017
8:	-0.649	-0.779
9:	-0.043	0.888
10:	-0.740	1.136

X CENTROID: -0.035

Y CENTROID: -0.128

POA TO CENTROID: 0.133

HORZ SPREAD: 1.540

VERT SPREAD: 3.202

GROUP SPREAD: 3.258

MIN RADIUS: 0.101

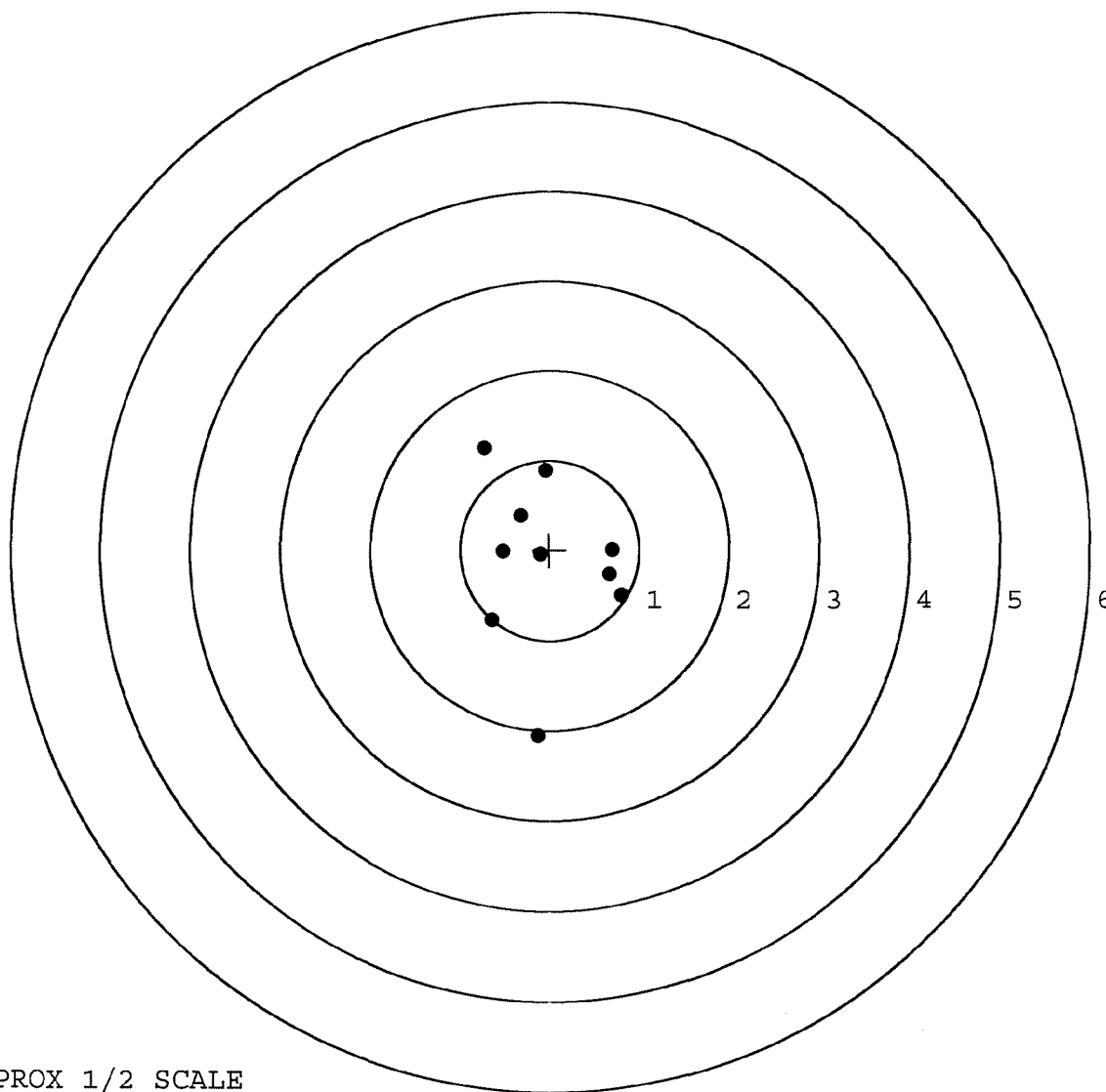
MAX RADIUS: 1.941

MEAN RADIUS: 0.887

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0146174

SERIAL NUMBER: G6236122. __2

TARGET NUMBER: 5

FILE DATE: 05/15/2007

FILE TIME: 07:44

POINT#	X	Y
1:	0.216	-1.636
2:	0.861	0.378
3:	0.434	-0.170
4:	0.407	-0.650
5:	0.022	-0.503
6:	-0.389	-0.563
7:	0.187	0.326
8:	-0.624	0.434
9:	-0.918	0.273
10:	0.419	2.331

X CENTROID: 0.062

Y CENTROID: 0.022

POA TO CENTROID: 0.065

HORZ SPREAD: 1.779

VERT SPREAD: 3.967

GROUP SPREAD: 3.972

MIN RADIUS: 0.329

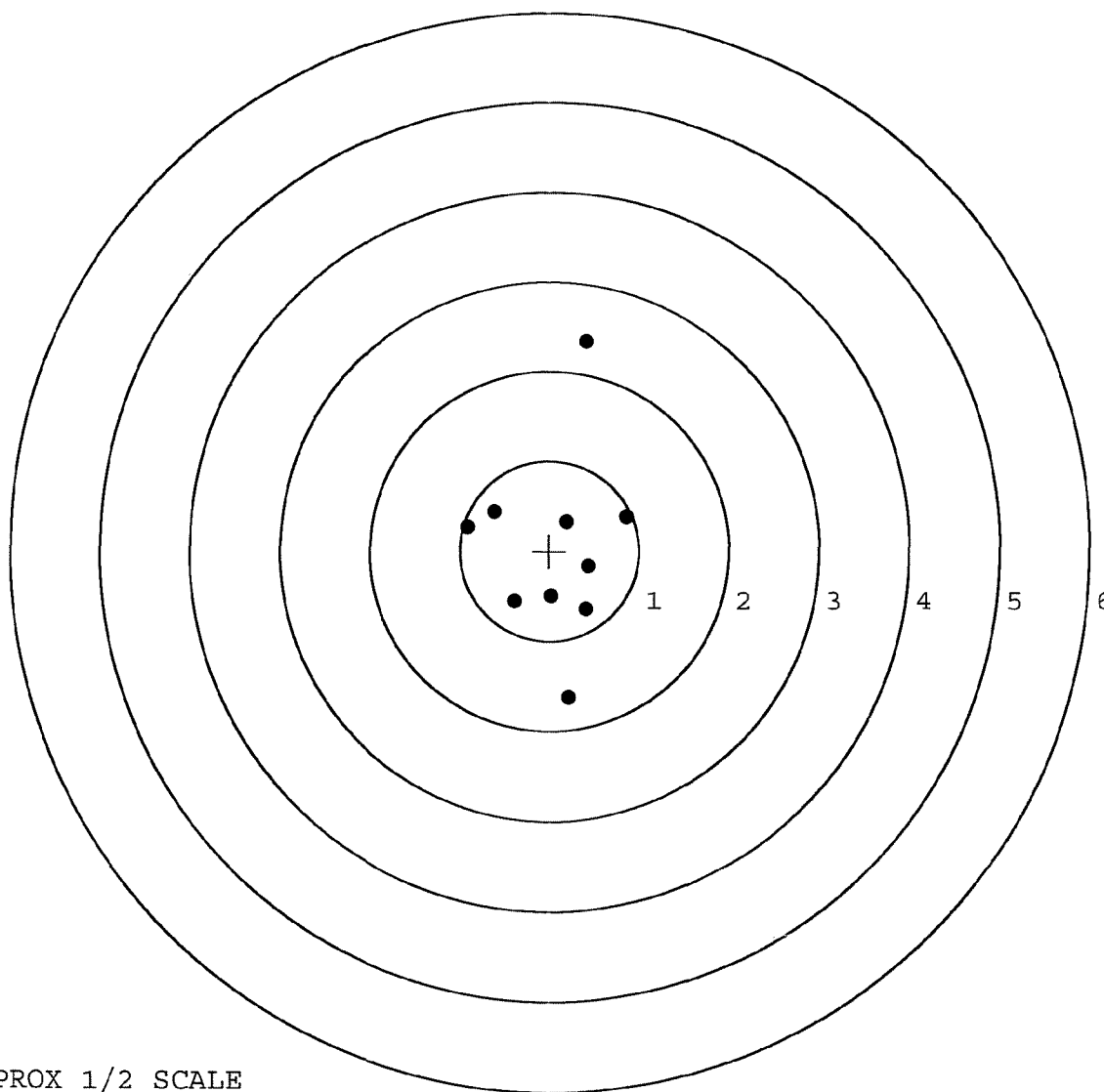
MAX RADIUS: 2.337

MEAN RADIUS: 0.946

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		127601	
SERIAL NUMBER		C60236122	
LOG-IN DATE		4-3-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-24-07	RTZ
505	RE-BARREL	4-25-07	RTZ
560	ASSEMBLE	4-25-07	RTZ
600	PROOF	4-25-07	TRW
605	CHECK HEADSPACE	4-25-07	TRW
610	DIS-ASSEMBLE GUN	4-26-07	RTZ
612	MAGNAFLUX	4/30/07	unsub
510	DRILL AND TAP	4-27-07	TRW
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-1-07	B
620	APPLY COATINGS	5/2/07	RB
625	FINAL ASSEMBLY	5-10-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5/10/07
650	TARGET	PASS FAIL	5/10/07
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	5-15-07 TRW
670	FINAL INSPECTION	PASS FAIL	5-15-07 RA
	A) HEADSPACE	PASS FAIL	5-15-07 RA
	B) TRIGGER PULL	2.52 2.58 2.54 2.22 2.50	5-15-07 TRW
680	F) SAFETY ON FORCE	8.5 8.5 8.25	5-15-07 TRW
	G) SAFETY OFF FORCE	2.25 2.25 2.25	5-15-07 TRW
	I) FIRING PIN INDENT	.025 .025 .025	5-15-07 TRW
690	PACK		5-16-07 RA

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

Remington®

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

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

SERIAL NO. **66236122**
ORDER NO. **25716**
26RW

46

5716 66236122

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

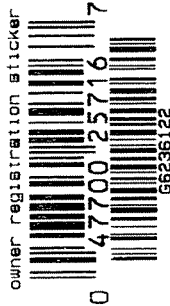


ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



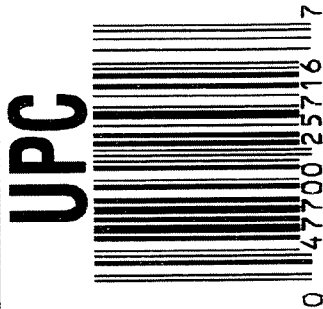
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6236122



46 FORM

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66236122

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/27/02	RL
600	PROOF		9-4-02	A
607	CHECK HEADSPACE		9-4-02	A
610	DIS-ASSEMBLE GUN	MAGNA FLUX INSPECTED	9/3/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RK</u>		
615	ROLLMARK CALIBER		9/5	LB
617	DRILL AND TAP SIGHT HOLES		9-5-02	A
620	APPLY COATINGS (BARREL ACTION)		10-1	TA
	(BOLT)		10-1	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-21-02	OA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-21-02	OA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-21-02	OA
	D) OIL FIRING PIN ASSEMBLY		10-21-02	OA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-22-02	RL

OP #	OPERATION	PERFORMANCE	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.5</u> <u>6.9</u>	10-30-02	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	10-30-02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			11-21-02	RL
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u> <u>.024</u> <u>.023</u>	10-30-02	DA
	J) ASSEMBLE STOCK			10/22/02	RL
	K) ASSEMBLE SWIVEL STUDS			11-21-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			11-21-02	RL
	M) IRON SIGHT ALIGNMENT			11-21-02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			11-21-02	RL
640	GALLERY TEST AND TARGET		PASS FAIL	10/23/02	RL
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
645	INSPECT FOR LIVE AMMO				
655	FINAL INSPECTION A) HEADSPACE			11-21-02	RL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.22</u> <u>2.18</u> <u>2.19</u> <u>2.36</u> <u>2.31</u>	10-30-02	DA
	C) FUNCTION			11-21-02	RL
660	PACK			11-22-02	DA

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

BARBER - M24 0146180

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

DATE 10-21-02

TESTER

TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.37		2.32	MIN. SETTING,
PULL #2	2.34	2.31		2.32	NO AVG. OF 5
PULL #3	2.37	2.24		2.37	READINGS ACCEPT-
PULL #4	2.35	2.17		2.35	ABLE LESS THAN 2
PULL #5	2.33	2.30		2.36	
TOTAL	11.78	11.39		11.72	
AVG.	2.35	2.27		2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.17		
PULL #2	3.16	3.01		
PULL #3	3.18	3.15		
PULL #4	3.13	3.16		
PULL #5	3.14	3.16		
TOTAL	15.79	15.65		
AVG.	3.15	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.04	4.21		4.21
PULL #2	4.11	4.04		4.17
PULL #3	4.06	3.99		4.19
PULL #4	4.11	4.20		4.11
PULL #5	4.11	4.18		4.18
TOTAL	20.43	20.55		20.86
AVG.	4.08	4.11		4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236122.___0

FILE DATE AND TIME: 10/23/2002 21:48

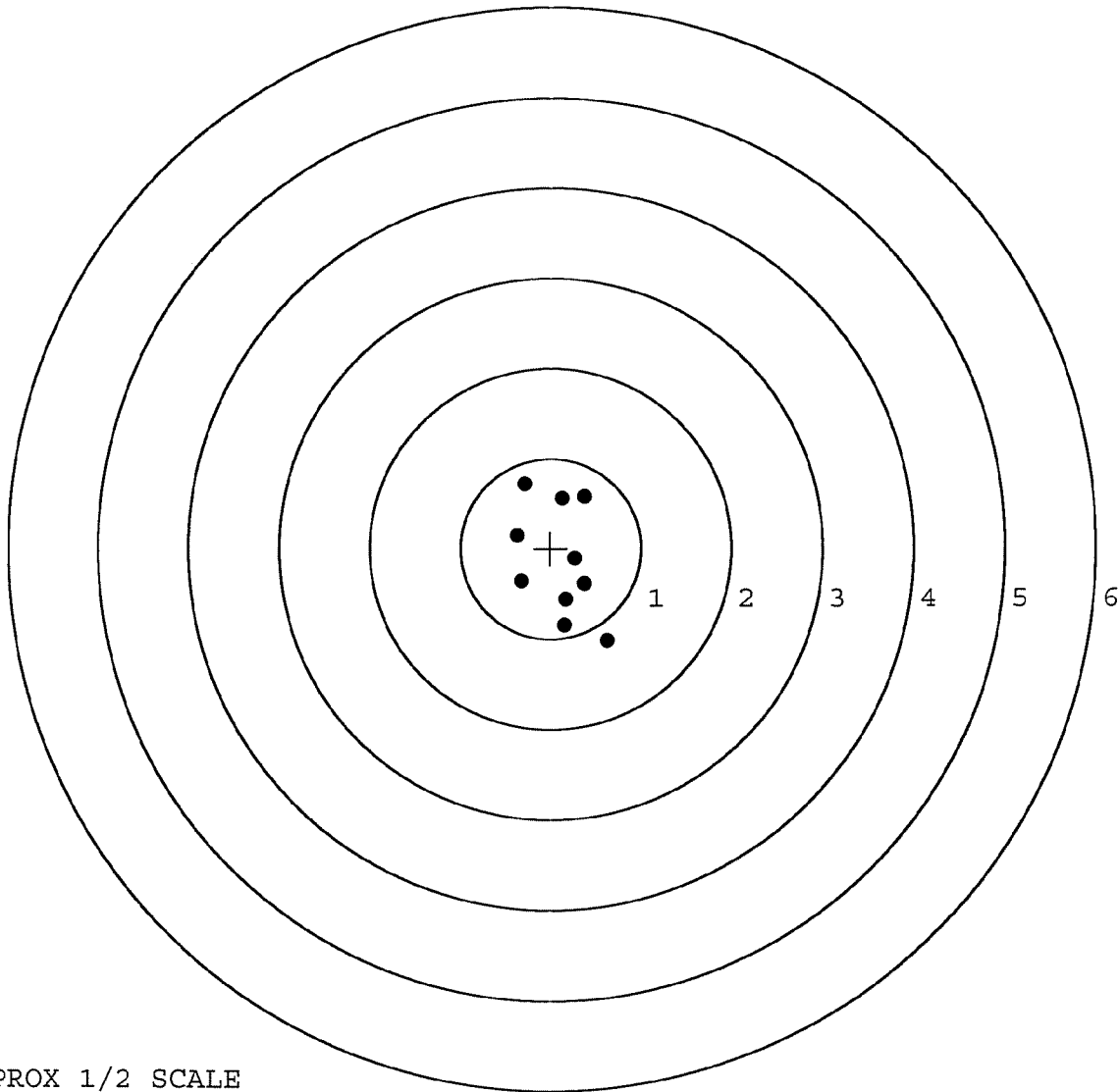
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.702
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.134
The Distance from Centroid Target #3 to Centroid Target #1:	0.471
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.386

SERIAL NUMBER: G6236122. __0
 TARGET NUMBER: 1
 FILE DATE: 10/23/2002
 FILE TIME: 21:48

POINT#	X	Y
1:	0.633	-1.026
2:	0.157	-0.860
3:	0.171	-0.571
4:	0.377	-0.397
5:	0.270	-0.116
6:	-0.321	-0.369
7:	-0.367	0.146
8:	-0.290	0.716
9:	0.128	0.554
10:	0.379	0.574

X CENTROID: 0.114
 Y CENTROID: -0.135
 POA TO CENTROID: 0.176
 HORZ SPREAD: 1.000
 VERT SPREAD: 1.742
 GROUP SPREAD: 1.971
 MIN RADIUS: 0.157
 MAX RADIUS: 1.031
 MEAN RADIUS: 0.616
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



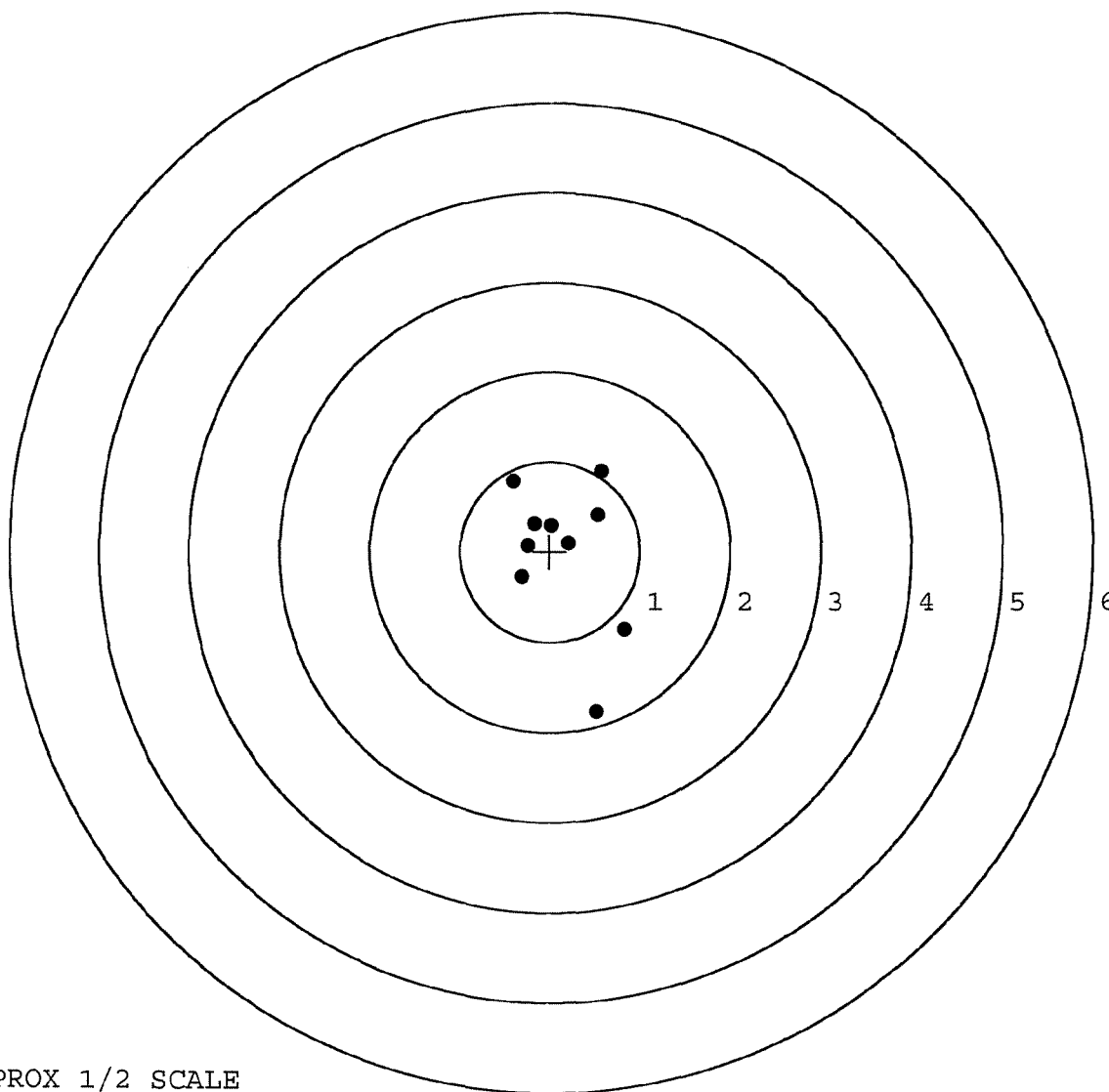
TARGET APPROX 1/2 SCALE

BARBER - M24 0146183

SERIAL NUMBER: G6236122. __0
 TARGET NUMBER: 2
 FILE DATE: 10/23/2002
 FILE TIME: 21:48

POINT#	X	Y
1:	0.524	-1.773
2:	0.832	-0.862
3:	0.532	0.410
4:	0.567	0.895
5:	-0.408	0.785
6:	0.211	0.087
7:	0.019	0.290
8:	-0.179	0.313
9:	-0.245	0.066
10:	-0.311	-0.282

X CENTROID: 0.154
 Y CENTROID: -0.007
 POA TO CENTROID: 0.154
 HORZ SPREAD: 1.240
 VERT SPREAD: 2.668
 GROUP SPREAD: 2.722
 MIN RADIUS: 0.110
 MAX RADIUS: 1.804
 MEAN RADIUS: 0.727
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



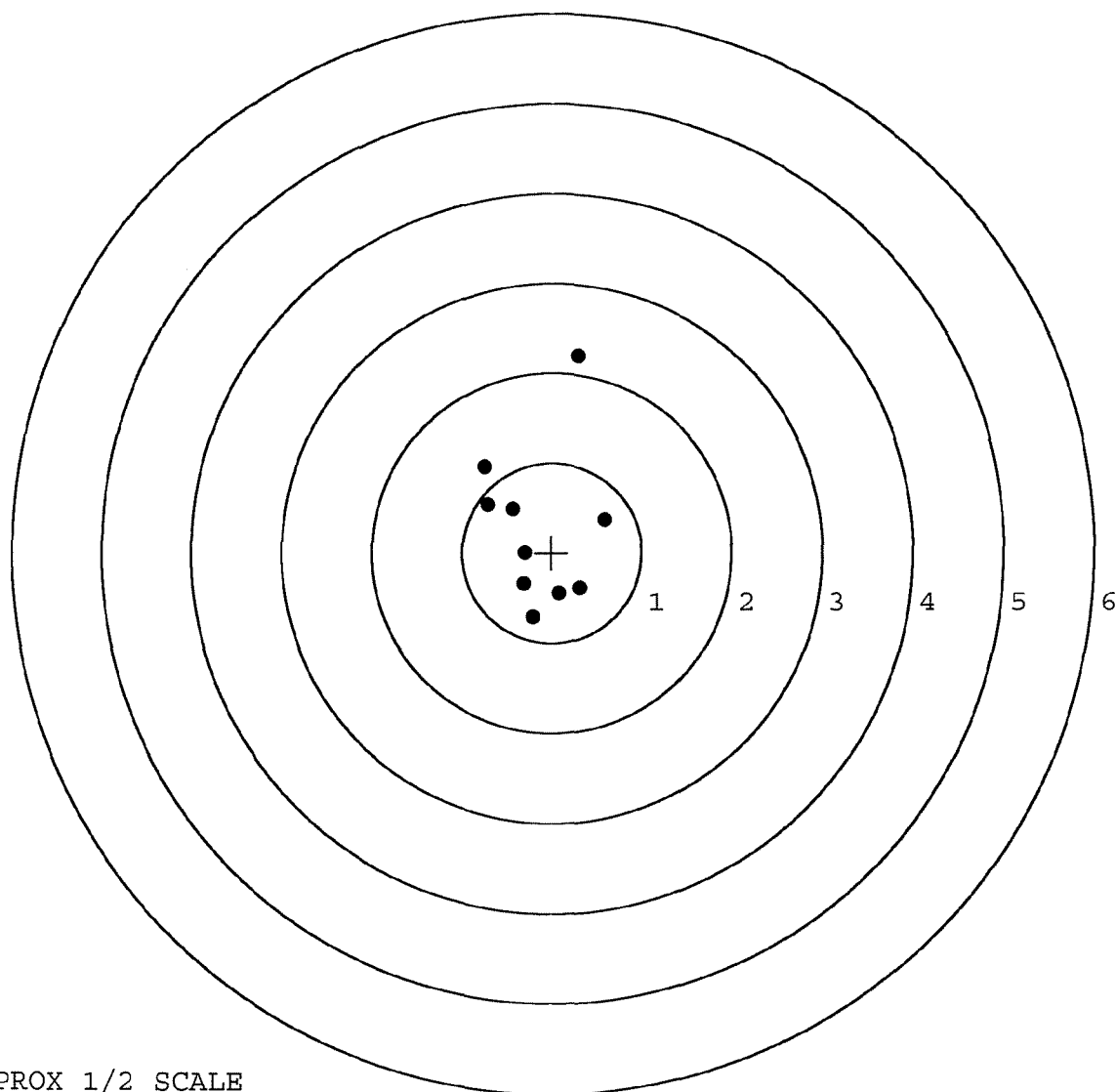
TARGET APPROX 1/2 SCALE

BARBER - M24 0146184

SERIAL NUMBER: G6236122. 0
 TARGET NUMBER: 3
 FILE DATE: 10/23/2002
 FILE TIME: 21:48

POINT#	X	Y
1:	0.299	2.187
2:	-0.753	0.954
3:	-0.717	0.538
4:	-0.439	0.487
5:	0.593	0.368
6:	0.316	-0.399
7:	0.082	-0.460
8:	-0.210	-0.725
9:	-0.311	-0.347
10:	-0.296	-0.003

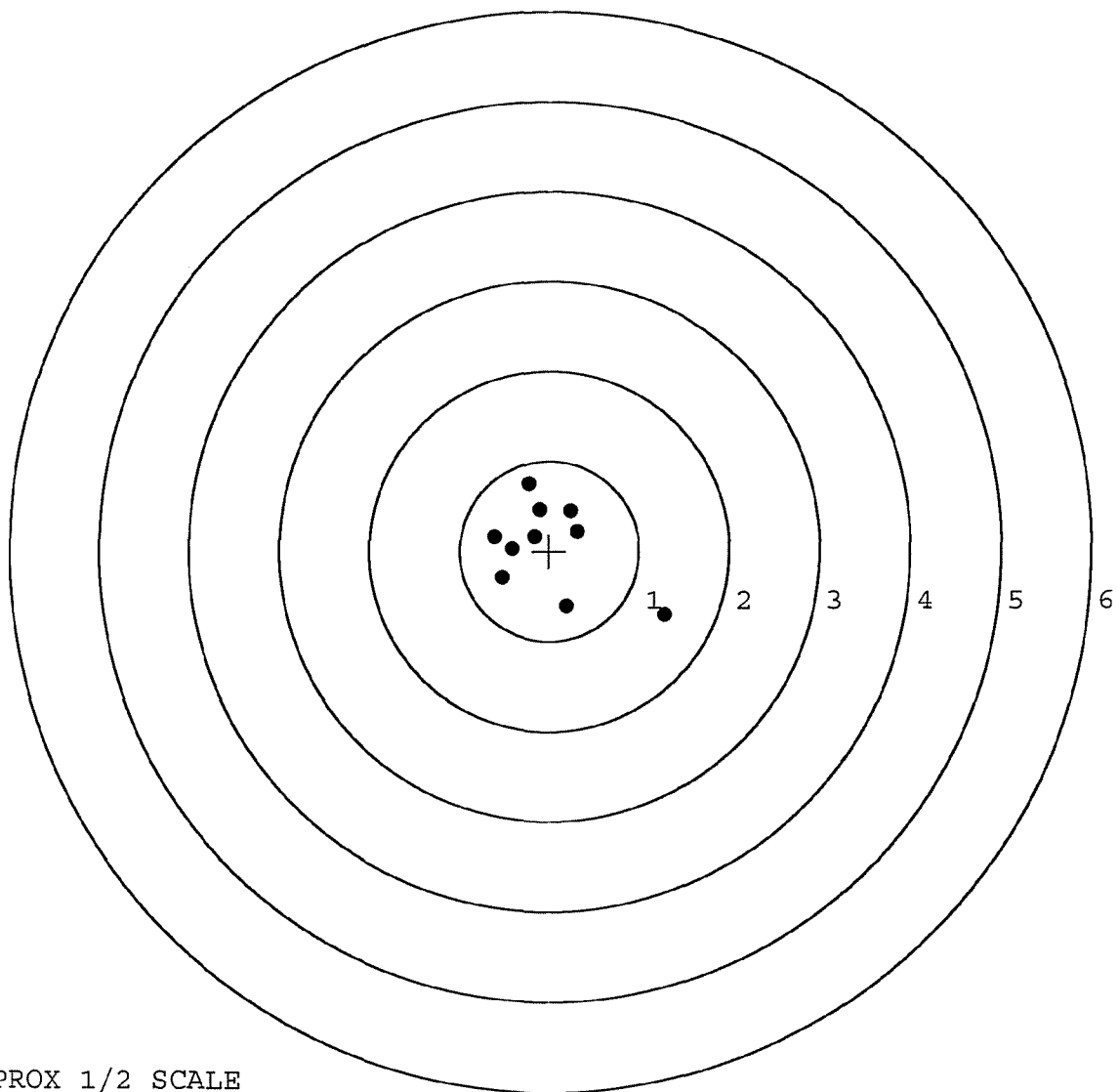
X CENTROID: -0.144
 Y CENTROID: 0.260
 POA TO CENTROID: 0.297
 HORZ SPREAD: 1.346
 VERT SPREAD: 2.912
 GROUP SPREAD: 2.956
 MIN RADIUS: 0.304
 MAX RADIUS: 1.977
 MEAN RADIUS: 0.813
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0146185

SERIAL NUMBER: G6236122.0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.281	-0.715
FILE DATE: 10/23/2002	2:	0.196	-0.615
FILE TIME: 21:48	3:	0.313	0.218
	4:	0.235	0.447
X CENTROID: -0.004	5:	-0.228	0.750
Y CENTROID: 0.058	6:	-0.109	0.464
POA TO CENTROID: 0.058	7:	-0.170	0.161
HORZ SPREAD: 1.901	8:	-0.620	0.154
VERT SPREAD: 1.465	9:	-0.411	0.022
GROUP SPREAD: 2.103	10:	-0.525	-0.303
MIN RADIUS: 0.195			
MAX RADIUS: 1.500			
MEAN RADIUS: 0.602			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



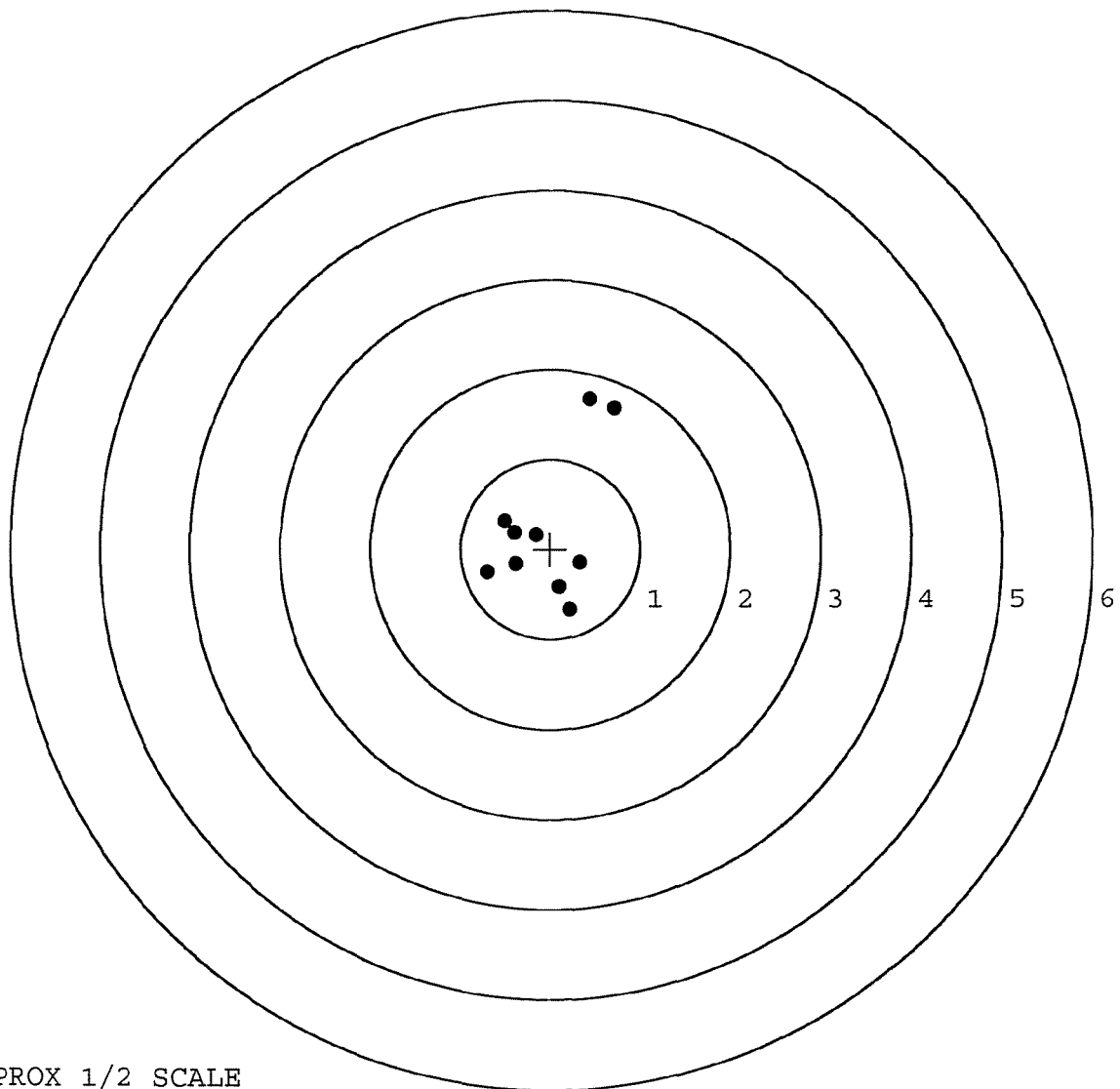
TARGET APPROX 1/2 SCALE

BARBER - M24 0146186

SERIAL NUMBER: G6236122. __0
 TARGET NUMBER: 5
 FILE DATE: 10/23/2002
 FILE TIME: 21:48

POINT#	X	Y
1:	0.438	1.669
2:	0.708	1.572
3:	-0.507	0.308
4:	-0.403	0.182
5:	-0.702	-0.256
6:	-0.382	-0.169
7:	0.332	-0.152
8:	0.103	-0.421
9:	0.220	-0.676
10:	-0.155	0.159

X CENTROID: -0.035
 Y CENTROID: 0.222
 POA TO CENTROID: 0.224
 HORZ SPREAD: 1.410
 VERT SPREAD: 2.345
 GROUP SPREAD: 2.309
 MIN RADIUS: 0.136
 MAX RADIUS: 1.541
 MEAN RADIUS: 0.751
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE