

G 623 6251

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: RE00134838

Serial: G6236251 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/06/2002

Repairman:

Verify Repair

Status:

Closed 10/2/2007 11:46:59 AM

Address Information

Customer: ☐ Received From Return To: ☐ Received From

Name: FB4484 305 APS/TRTC FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE 1757 VANDENBERG AVE

Address 2: PO Box: PO Box:

City: MCGUIRE AFB MCGUIRE AFB

State: NJ Zip Code: 08641-5270 Country: US State: NJ Zip Code: 08641-5270 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	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglel

10/3/2007

7:22 AM

C4PS

NUM

INS

SCRL



Serial Number: G6236251

Model: M24 SWS



RE00134838

~~12~~

R & E NUMBER 134838
 SERIAL NUMBER G6236251
 LOG-IN DATE 10-2-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-2-07	RTZ
505	RE-BARREL		10-3-07	RTZ
560	ASSEMBLE		10-3-07	RTZ
600	PROOF	MAGNETIC FLUX	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	10-4-07	TRW
610	DIS-ASSEMBLE GUN		10-4-07	TRW
612	MAGNAFLUX	OPERATOR <i>unwed</i>	10-5-07	unwed
510	DRILL AND TAP		10-5-07	CW
615	ROLLMARK CALIBER		10-8-07	24
618	ROTO-BLAST		10-9-07	25
620	APPLY COATINGS		10-13-07	RTZ
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	PASS FAIL	10-17-07	TRW
650	TARGET	PASS FAIL	10-15-07	TRW
	MALFUNCTION: <i>shell jumps mag.</i>	CORRECTION OK	10-17-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		10-15-07	BWD
	A) HEADSPACE	PASS FAIL	7-31-08	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.50 2.70 2.50 2.50 2.50 10/6/07	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.50 5.50 5.50 8/31/08	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.50 2.50 2.50 7-31-08	RTZ
	I) FIRING PIN INDENT	.020	023 023 023 7-31-08	RTZ
690	PACK		17/3/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236251. __0

FILE DATE AND TIME: 10/15/2007 14:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.111
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.278
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.135
The Distance from Centroid Target #4 to Centroid Target #1:	0.336
The Distance from Centroid Target #5 to Centroid Target #1:	0.304

BARBER - M24 0147807

SERIAL NUMBER: G6236251. 0

TARGET NUMBER: 1

FILE DATE: 10/15/2007

FILE TIME: 14:42

POINT#	X	Y
1:	0.784	-0.460
2:	0.783	-0.171
3:	0.326	-0.079
4:	0.138	-0.201
5:	0.109	0.254
6:	-0.415	0.040
7:	-0.001	-0.669
8:	-1.204	0.015
9:	-0.937	0.847
10:	-2.295	1.019

X CENTROID: -0.271

Y CENTROID: 0.060

POA TO CENTROID: 0.278

HORZ SPREAD: 3.079

VERT SPREAD: 1.688

GROUP SPREAD: 3.416

MIN RADIUS: 0.145

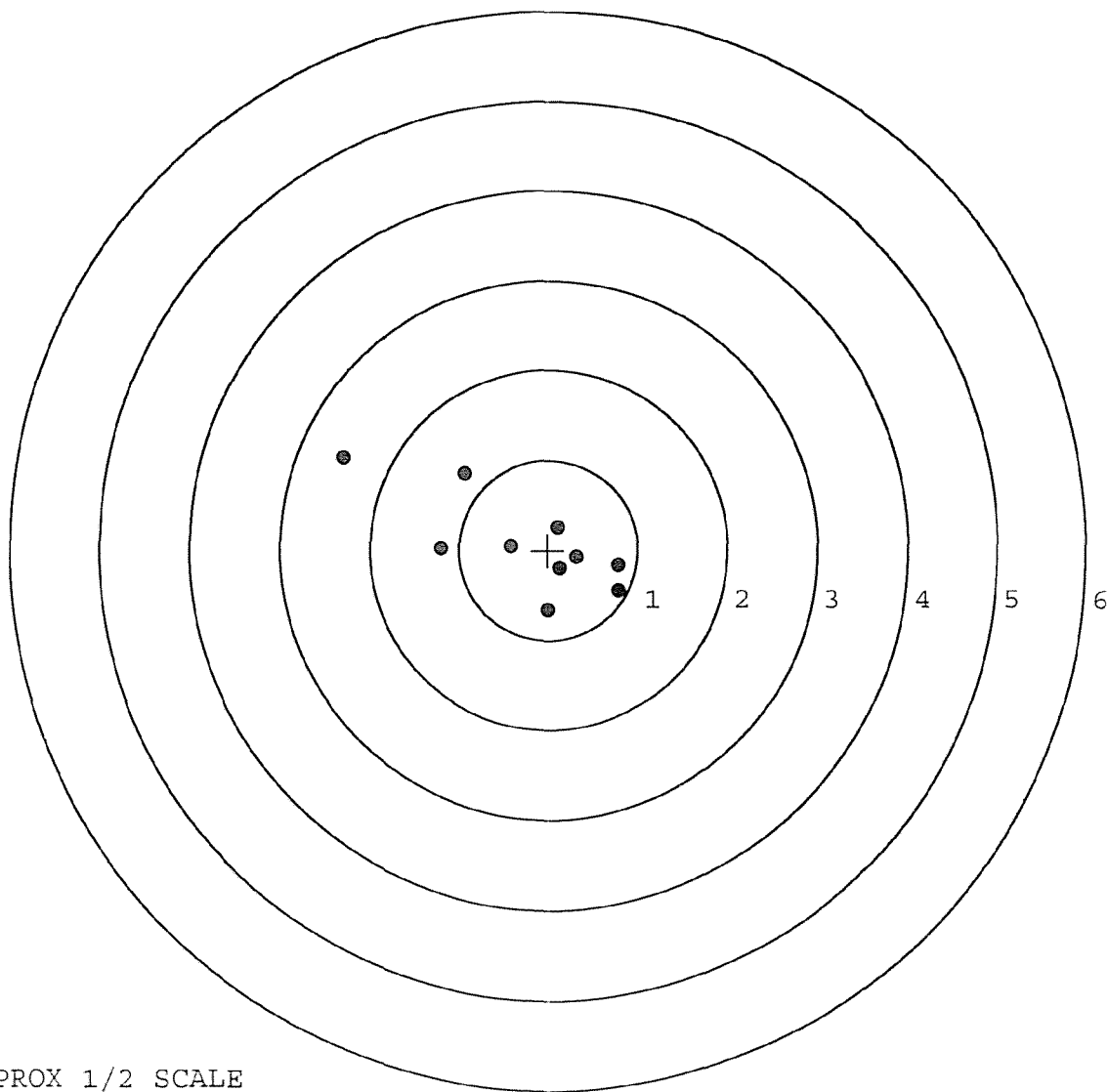
MAX RADIUS: 2.240

MEAN RADIUS: 0.891

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



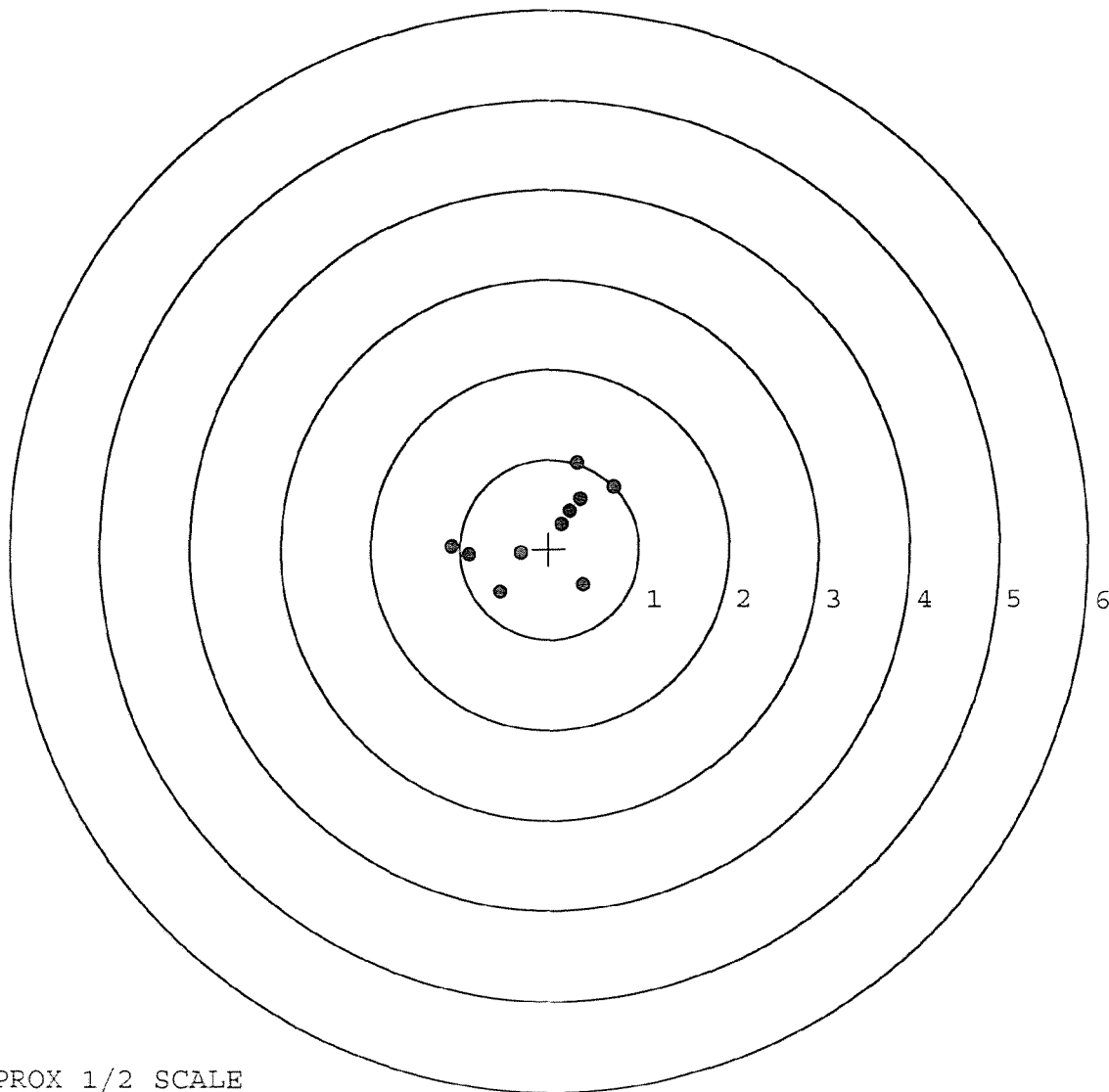
TARGET APPROX 1/2 SCALE

BARBER - M24 0147808

SERIAL NUMBER: G6236251. 0
 TARGET NUMBER: 2
 FILE DATE: 10/15/2007
 FILE TIME: 14:42

X CENTROID: -0.072
 Y CENTROID: 0.196
 POA TO CENTROID: 0.209
 HORZ SPREAD: 1.812
 VERT SPREAD: 1.441
 GROUP SPREAD: 1.933
 MIN RADIUS: 0.222
 MAX RADIUS: 1.036
 MEAN RADIUS: 0.678
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.718	0.698
2:	0.317	0.961
3:	0.353	0.561
4:	0.233	0.429
5:	0.134	0.280
6:	0.386	-0.400
7:	-0.319	-0.042
8:	-0.896	-0.071
9:	-1.094	0.026
10:	-0.549	-0.480



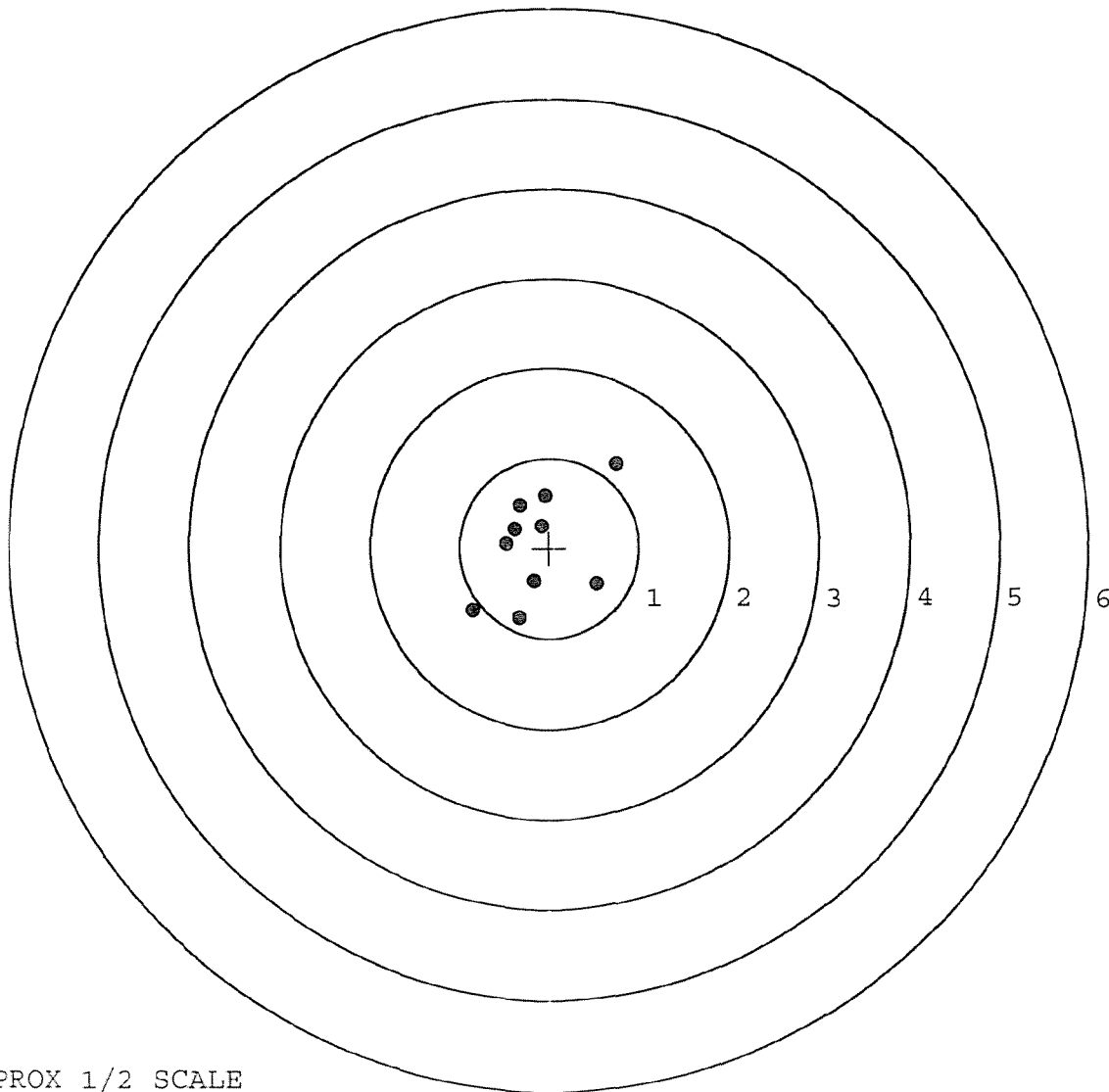
TARGET APPROX 1/2 SCALE

BARBER - M24 0147809

SERIAL NUMBER: G6236251. __0
 TARGET NUMBER: 3
 FILE DATE: 10/15/2007
 FILE TIME: 14:42

POINT#	X	Y
1:	0.749	0.936
2:	0.533	-0.405
3:	-0.167	-0.368
4:	-0.336	-0.779
5:	-0.857	-0.704
6:	-0.479	0.046
7:	-0.388	0.208
8:	-0.328	0.479
9:	-0.051	0.582
10:	-0.091	0.240

X CENTROID: -0.142
 Y CENTROID: 0.024
 POA TO CENTROID: 0.143
 HORZ SPREAD: 1.606
 VERT SPREAD: 1.715
 GROUP SPREAD: 2.295
 MIN RADIUS: 0.222
 MAX RADIUS: 1.275
 MEAN RADIUS: 0.624
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



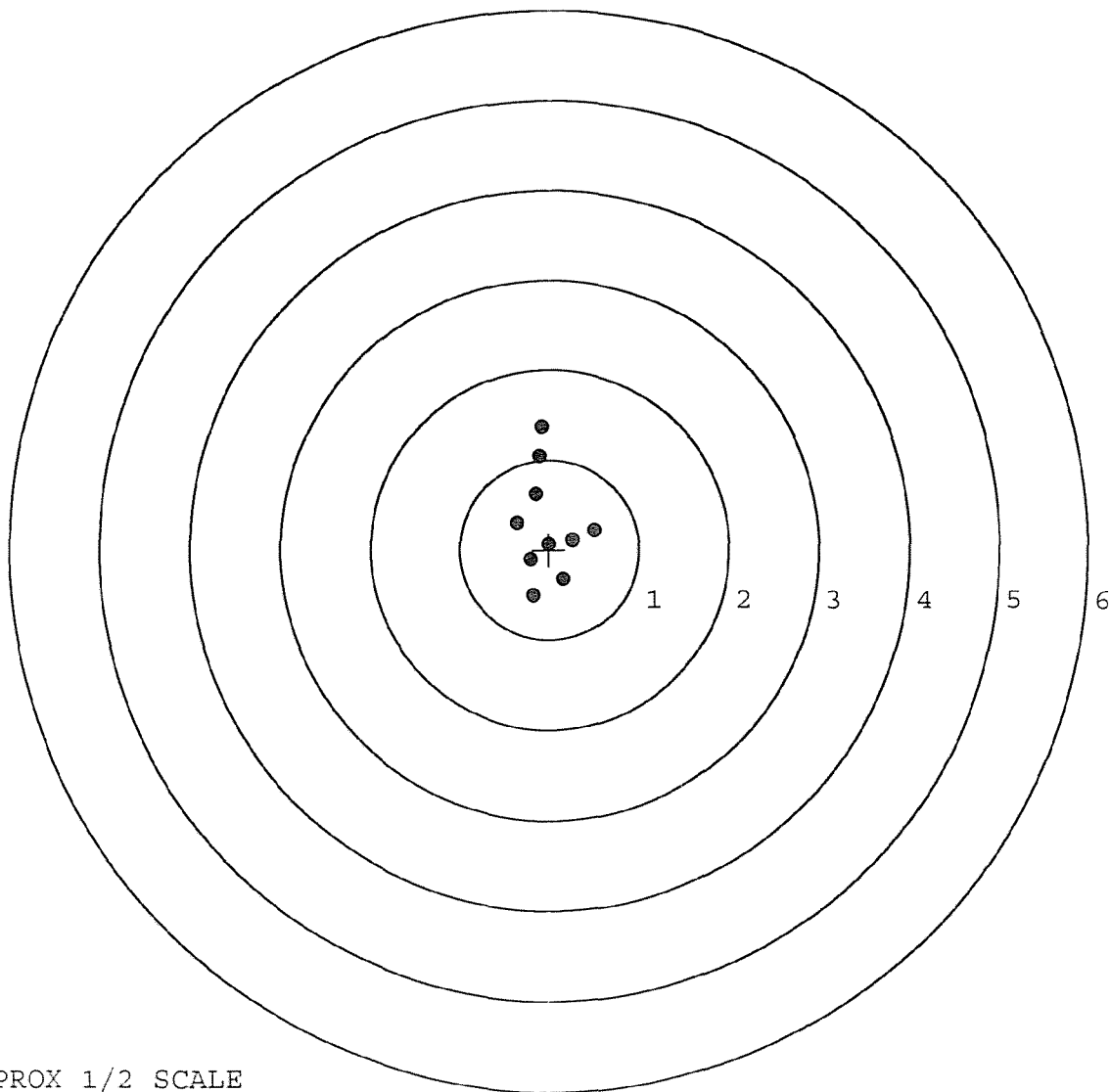
TARGET APPROX 1/2 SCALE

BARBER - M24 0147810

SERIAL NUMBER: G6236251. __0
 TARGET NUMBER: 4
 FILE DATE: 10/15/2007
 FILE TIME: 14:42

POINT#	X	Y
1:	-0.091	1.373
2:	-0.108	1.042
3:	-0.150	0.621
4:	-0.361	0.301
5:	0.505	0.215
6:	0.265	0.112
7:	-0.005	0.065
8:	0.162	-0.331
9:	-0.202	-0.110
10:	-0.174	-0.510

X CENTROID: -0.016
 Y CENTROID: 0.278
 POA TO CENTROID: 0.278
 HORZ SPREAD: 0.866
 VERT SPREAD: 1.883
 GROUP SPREAD: 1.885
 MIN RADIUS: 0.213
 MAX RADIUS: 1.098
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



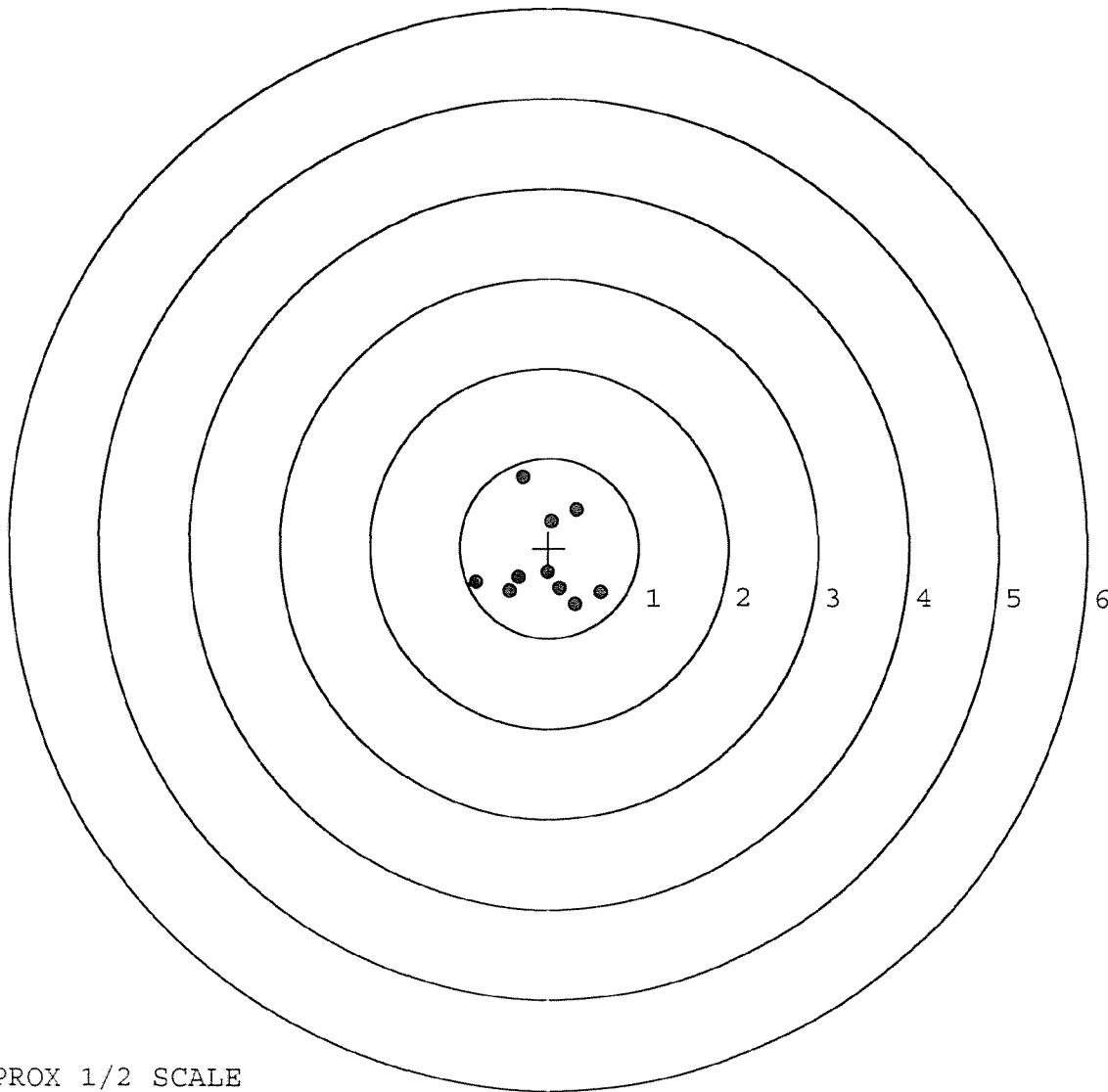
TARGET APPROX 1/2 SCALE

BARBER - M24 0147811

SERIAL NUMBER: G6236251. __0
 TARGET NUMBER: 5
 FILE DATE: 10/15/2007
 FILE TIME: 14:42

X CENTROID: -0.056
 Y CENTROID: -0.155
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.400
 VERT SPREAD: 1.425
 GROUP SPREAD: 1.556
 MIN RADIUS: 0.125
 MAX RADIUS: 0.976
 MEAN RADIUS: 0.555
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.289	0.793
2:	0.315	0.422
3:	0.036	0.296
4:	0.580	-0.498
5:	0.295	-0.632
6:	0.125	-0.451
7:	-0.016	-0.273
8:	-0.341	-0.333
9:	-0.441	-0.483
10:	-0.820	-0.389



TARGET APPROX 1/2 SCALE

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



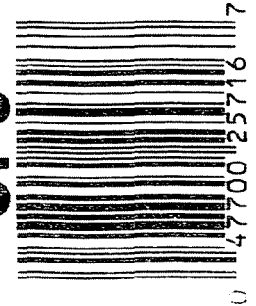
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236251

UPC



VERY IMPORTANT:
 THIS DOCUMENT IS NOT
 TO BE RELEASED TO ANYONE
 WITHOUT THE USE OF THIS
 DOCUMENT

Remington

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

Made in Union, NY Rep. U.S. Pat. & Inv. Off. Marca Registrada. Marque Deposee.

SERIAL NO. **66236251**
 ORDER NO. **25716**
06XW

46

5716 66236251

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6236251

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		9/5/02	RL
600	PROOF		9/5/02	RL
607	CHECK HEADSPACE		9/9/02	RL
610	DIS-ASSEMBLE GUN		9/9/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	RL		
615	ROLLMARK CALIBER		9/10	BS
617	DRILL AND TAP SIGHT HOLES		9-11-02	A
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		11-15-02	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4.5</u> <u>4.5</u> <u>4.5</u>	10-11-02	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.2</u> <u>3.2</u> <u>3.2</u>	10-11-02	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		11-15-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.022</u>	10-11-02	RA
	J) ASSEMBLE STOCK		9-30-02	RA
	K) ASSEMBLE SWIVEL STUDS		1-15-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11/8/02	RL
	M) IRON SIGHT ALIGNMENT		11/8/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11/8/02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	10/2/02	TRW
	MALFUNCTION	CORRECTION	10/2/02	TRW
	MALFUNCTION	CORRECTION	10/2/02	TRW
	MALFUNCTION	CORRECTION	10/2/02	TRW
	MALFUNCTION	CORRECTION	10/2/02	TRW
645	INSPECT FOR LIVE AMMO		10/2/02	TRW
655	FINAL INSPECTION A) HEADSPACE		11-15-02	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.48</u> <u>2.50</u> <u>2.69</u> <u>2.68</u> <u>2.69</u>	10-22-02	RA
	C) FUNCTION		11-15-02	RL
660	PACK		11/27/02	RA

AVERAGE PULL FORCE
 INITIAL & CYCLE TESTS
 BARBER M24 0147816
 2.50# ± .75#
 3.00# ± .75#
 4.00# ± 1.00#

DATE 9-30-02

TESTER TRW
 G623625-1

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.67	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.59	2.68	2.72	
PULL #3	2.63	2.73	2.72	
PULL #4	2.51	2.71	2.43	
PULL #5	2.60	2.68	2.75	
TOTAL	12.75	13.47	13.28	
AVG.	2.55	2.69	2.65	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.41	
PULL #2	3.36	3.29	
PULL #3	3.37	3.15	
PULL #4	3.39	3.31	
PULL #5	3.34	3.39	
TOTAL	16.84	16.55	
AVG.	3.36	3.31	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.15	4.21		4.27
PULL #2	4.22	4.23		4.26
PULL #3	4.15	4.29		4.23
PULL #4	4.03	4.29		4.29
PULL #5	4.10	4.27		4.30
TOTAL	20.65	21.29		21.35
AVG.	4.13	4.25		4.27

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236251.___0
FILE DATE AND TIME: 10/03/2002. 12:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.740
The Distance from POA to Centroid Target #1:	0.030
The Distance from Centroid Target #2 to Centroid Target #1:	0.348
The Distance from Centroid Target #3 to Centroid Target #1:	0.054
The Distance from Centroid Target #4 to Centroid Target #1:	0.013
The Distance from Centroid Target #5 to Centroid Target #1:	0.011

SERIAL NUMBER: G6236251. __0

TARGET NUMBER: 1

FILE DATE: 10/03/2002

FILE TIME: 12:12

X CENTROID: -0.007

Y CENTROID: -0.029

POA TO CENTROID: 0.030

HORZ SPREAD: 1.042

VERT SPREAD: 2.201

GROUP SPREAD: 2.337

MIN RADIUS: 0.105

MAX RADIUS: 1.201

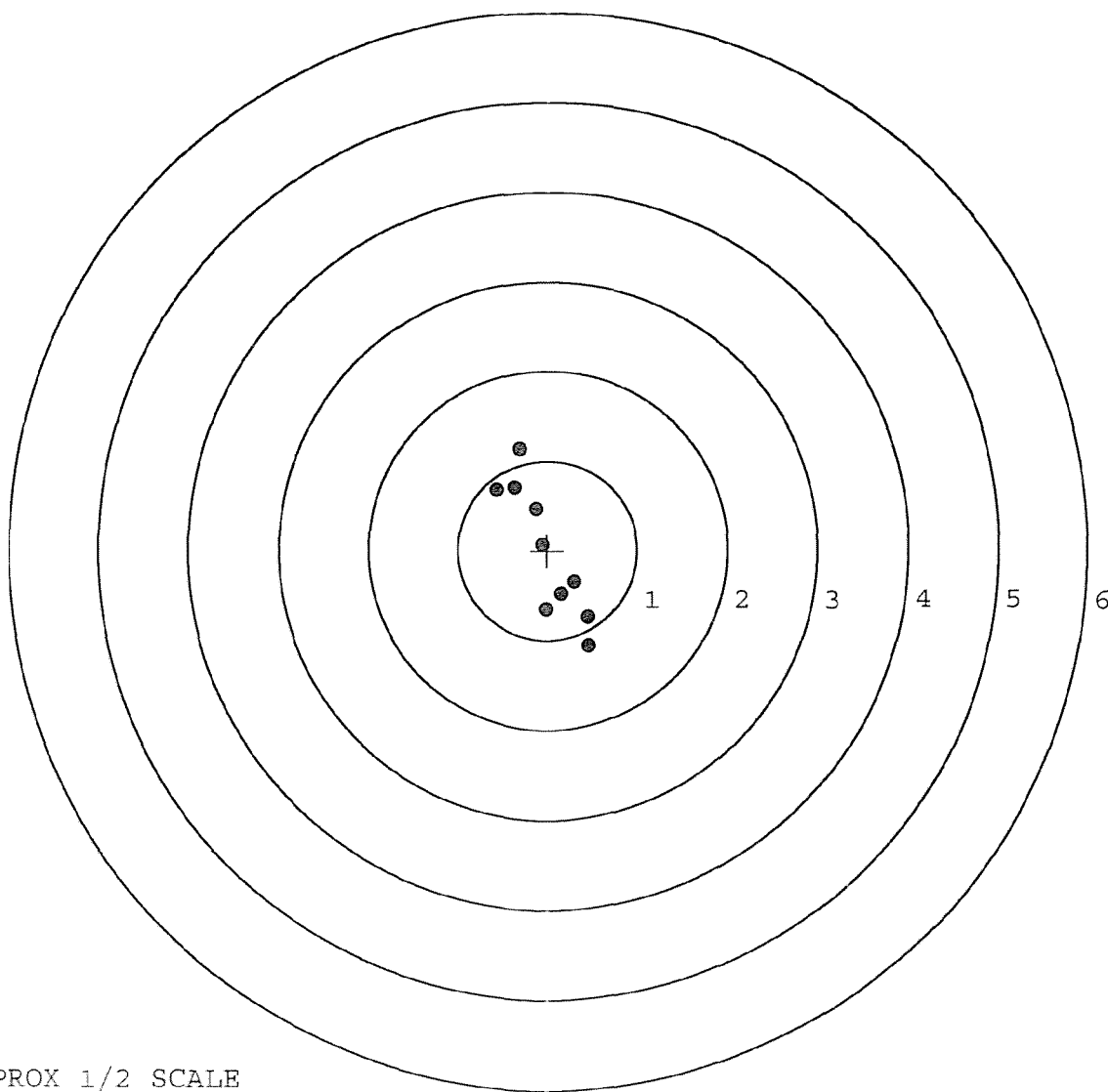
MEAN RADIUS: 0.711

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.473	-1.069
2:	-0.313	1.132
3:	-0.569	0.670
4:	-0.370	0.703
5:	-0.132	0.466
6:	-0.057	0.063
7:	0.306	-0.357
8:	0.456	-0.747
9:	-0.016	-0.666
10:	0.157	-0.489

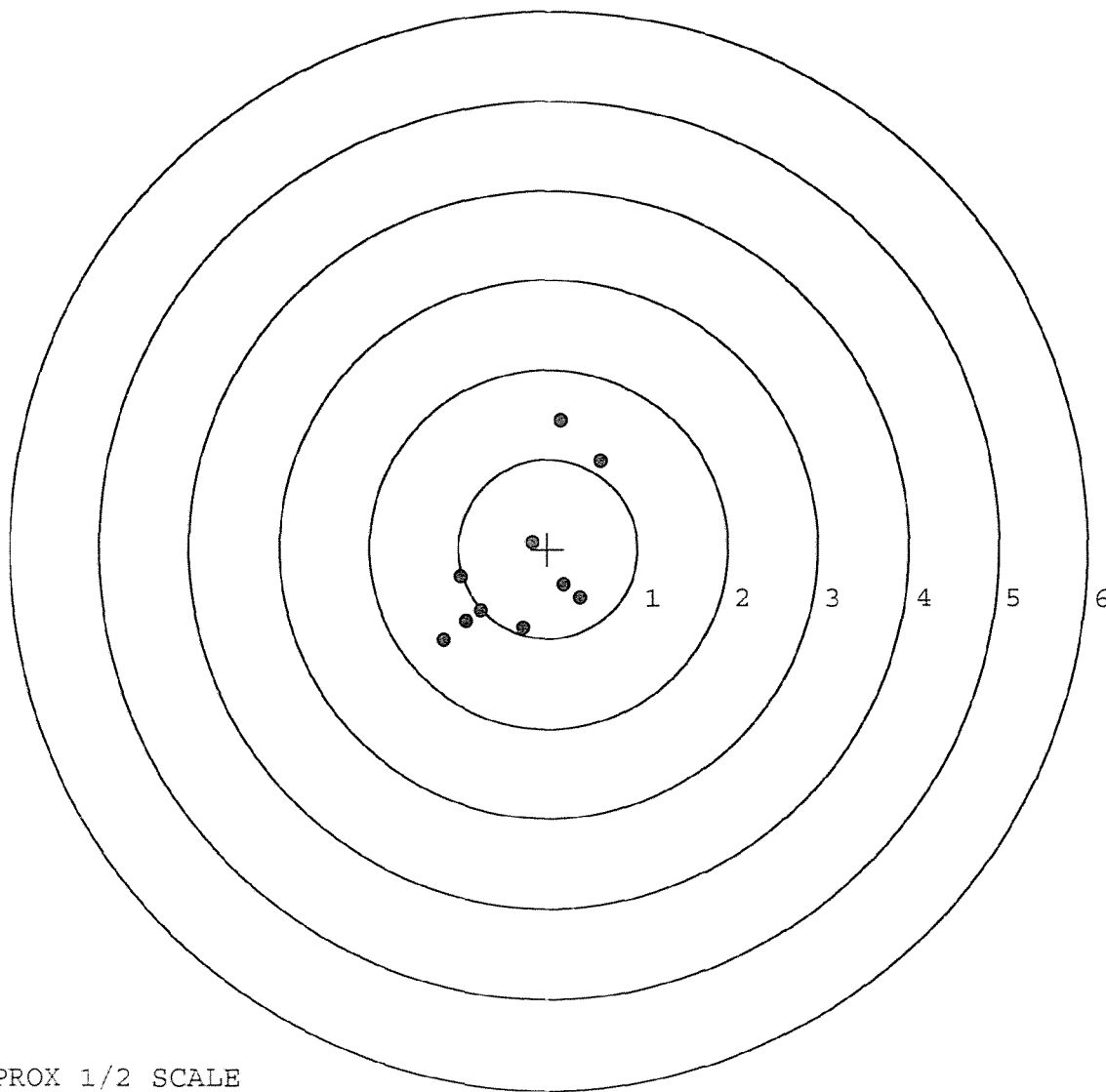


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236251. __0
 TARGET NUMBER: 2
 FILE DATE: 10/03/2002
 FILE TIME: 12:12

POINT#	X	Y
1:	-1.165	-1.030
2:	-0.912	-0.818
3:	-0.752	-0.694
4:	-0.976	-0.321
5:	-0.270	-0.892
6:	0.365	-0.551
7:	0.181	-0.401
8:	-0.173	0.074
9:	0.591	0.986
10:	0.143	1.434

X CENTROID: -0.297
 Y CENTROID: -0.221
 POA TO CENTROID: 0.370
 HORZ SPREAD: 1.756
 VERT SPREAD: 2.464
 GROUP SPREAD: 2.790
 MIN RADIUS: 0.320
 MAX RADIUS: 1.713
 MEAN RADIUS: 0.884
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236251. __0

TARGET NUMBER: 3

FILE DATE: 10/03/2002

FILE TIME: 12:12

X CENTROID: -0.030

Y CENTROID: -0.078

POA TO CENTROID: 0.084

HORZ SPREAD: 1.240

VERT SPREAD: 1.762

GROUP SPREAD: 1.795

MIN RADIUS: 0.282

MAX RADIUS: 0.968

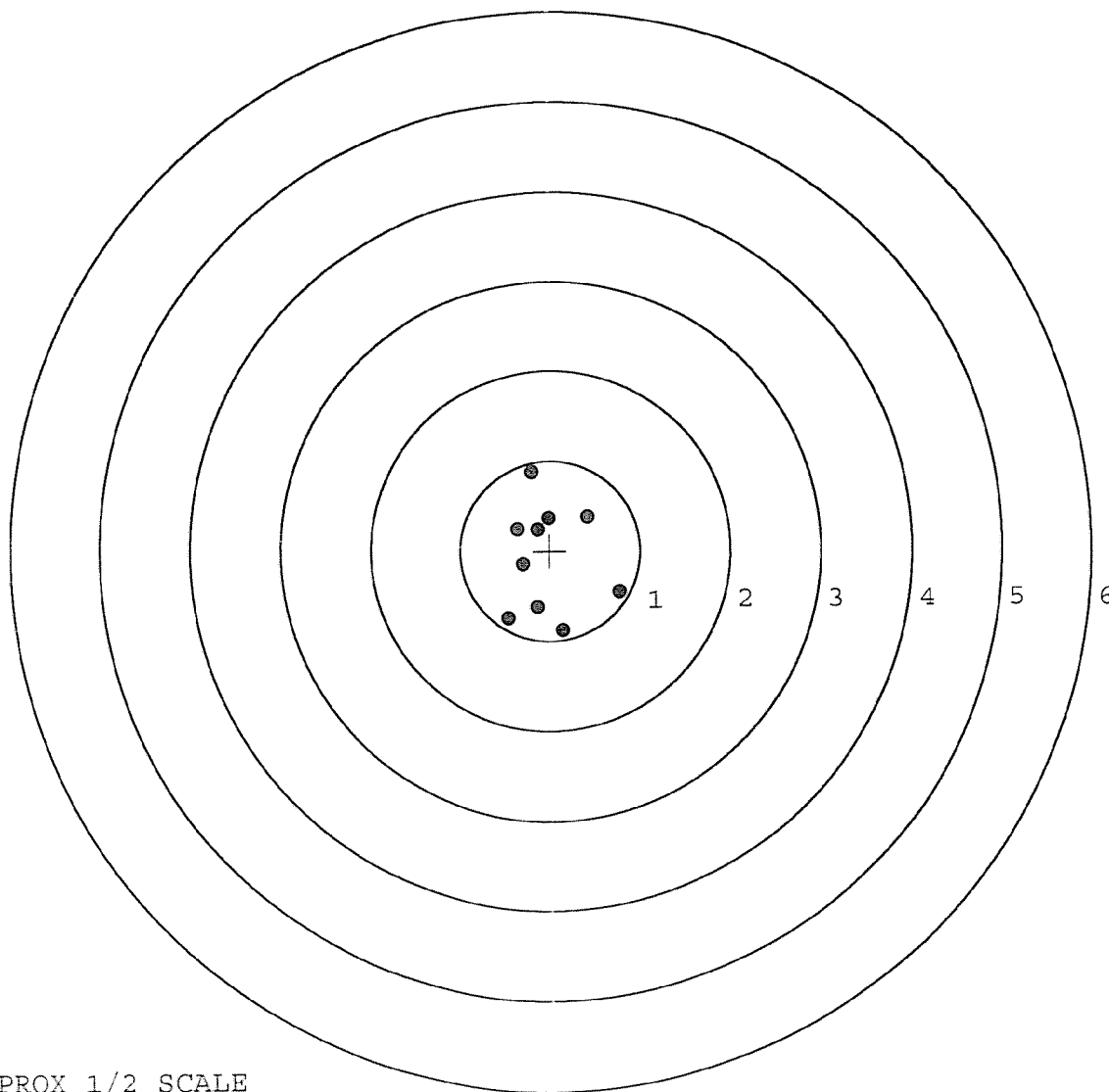
MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.767	-0.462
2:	0.143	-0.887
3:	-0.146	-0.633
4:	-0.473	-0.750
5:	-0.303	-0.150
6:	-0.202	0.875
7:	-0.361	0.245
8:	-0.135	0.239
9:	-0.015	0.364
10:	0.422	0.379



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236251. 0

TARGET NUMBER: 4

FILE DATE: 10/03/2002

FILE TIME: 12:12

X CENTROID: -0.020

Y CENTROID: -0.028

POA TO CENTROID: 0.034

HORZ SPREAD: 1.223

VERT SPREAD: 2.863

GROUP SPREAD: 2.896

MIN RADIUS: 0.296

MAX RADIUS: 1.628

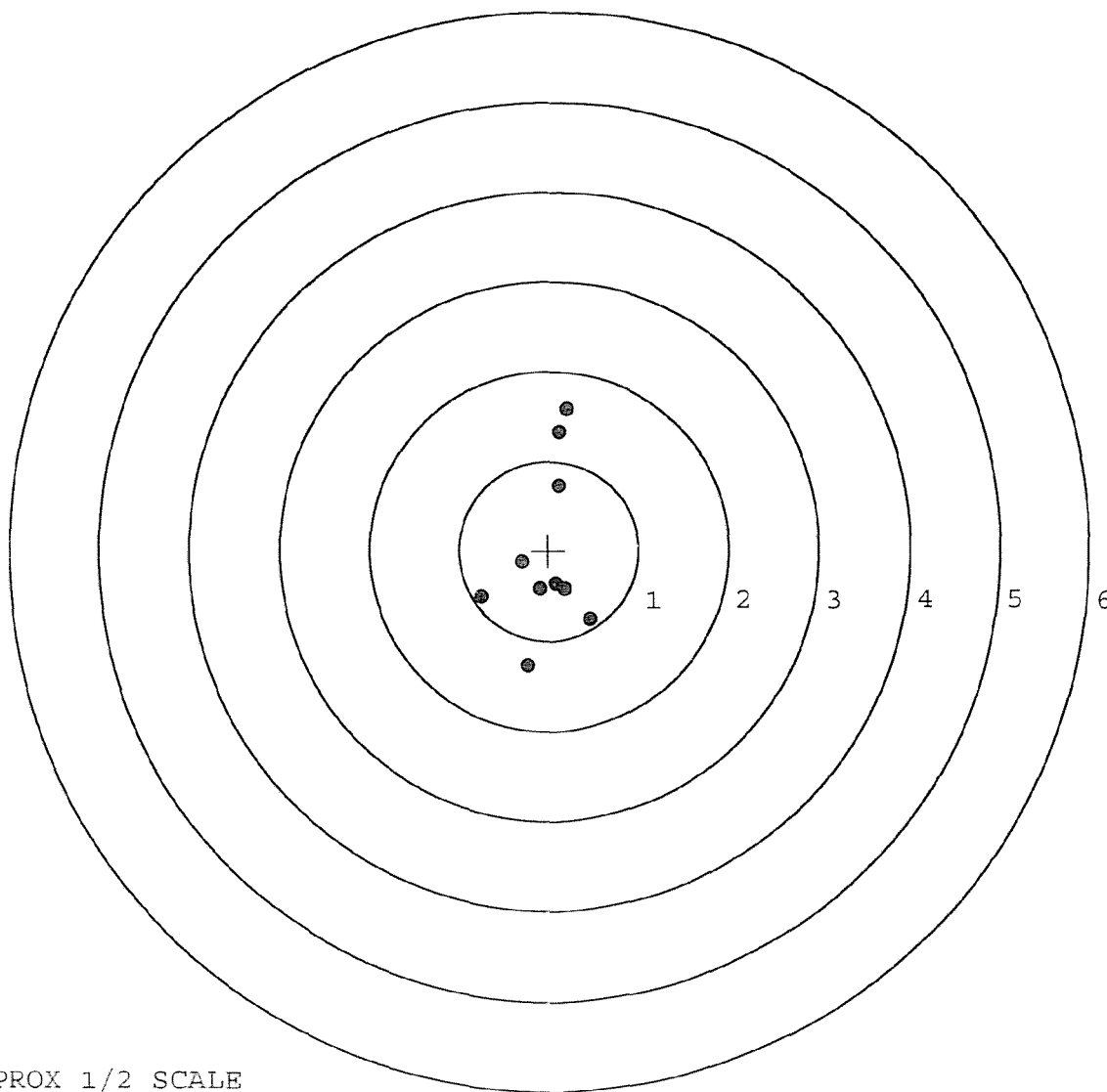
MEAN RADIUS: 0.832

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.473	-0.772
2:	-0.230	-1.279
3:	-0.750	-0.515
4:	-0.299	-0.127
5:	-0.096	-0.430
6:	0.185	-0.432
7:	0.118	0.732
8:	0.118	1.327
9:	0.205	1.584
10:	0.081	-0.370



TARGET APPROX 1/2 SCALE

BARBER - M24 0147822

SERIAL NUMBER: G6236251. __0

TARGET NUMBER: 5

FILE DATE: 10/03/2002

FILE TIME: 12:12

POINT#	X	Y
1:	0.337	0.288
2:	0.290	0.478
3:	-0.148	0.534
4:	-0.518	0.401
5:	-0.800	0.633
6:	-0.467	-0.203
7:	0.013	-0.276
8:	0.402	-0.572
9:	0.719	-0.933
10:	0.205	-0.601

X CENTROID: 0.003

Y CENTROID: -0.025

POA TO CENTROID: 0.025

HORZ SPREAD: 1.519

VERT SPREAD: 1.566

GROUP SPREAD: 2.182

MIN RADIUS: 0.251

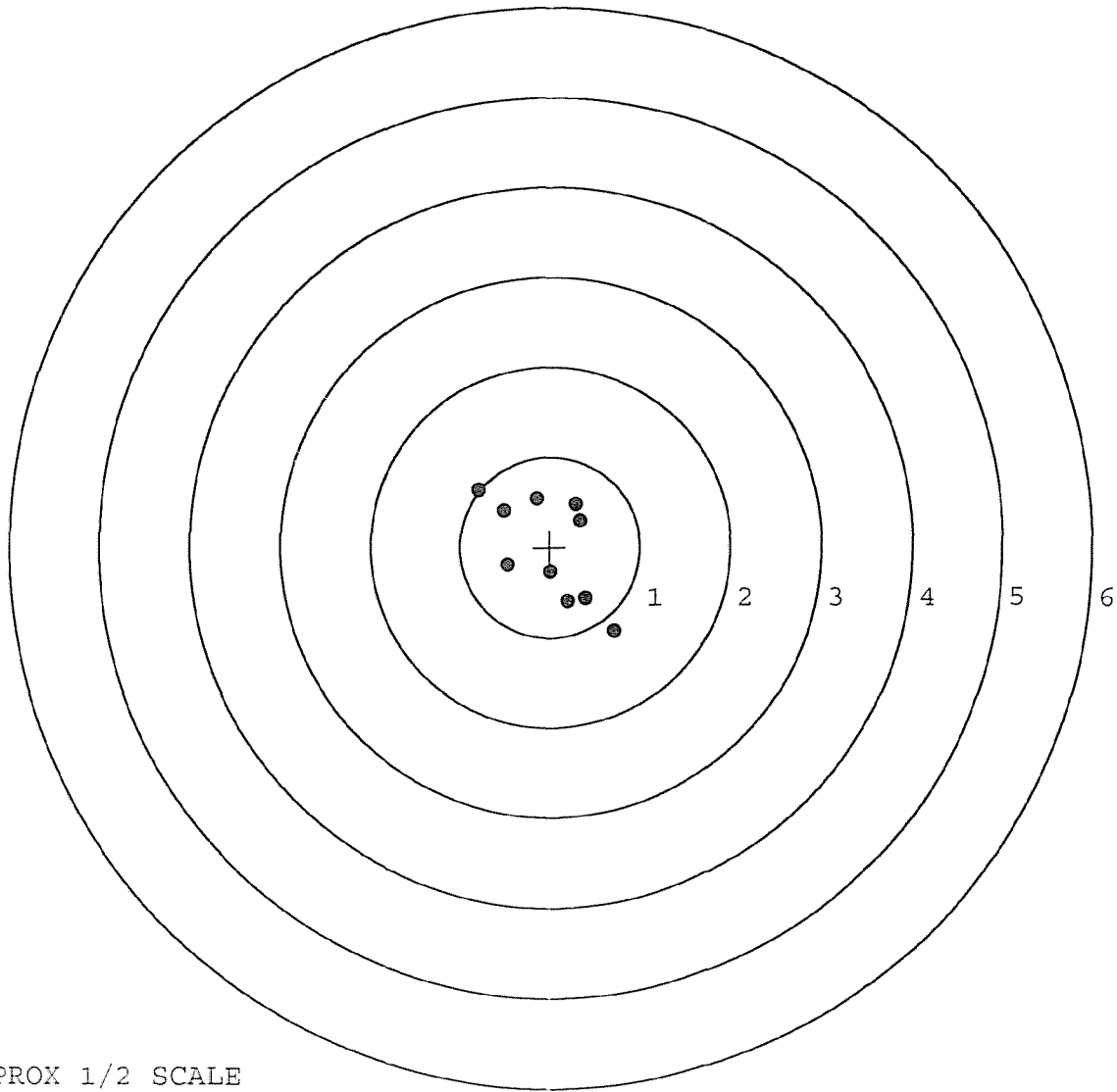
MAX RADIUS: 1.156

MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE