

G6288167

Repair Inquiry

Repair Number: RE00088313

Serial: G6288167 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/23/2004 10:52:22 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: DOL MATERIAL CONTROL BRANCH

DOL MATERIAL CONTROL BRANCH

Address 1: HQS 3D INF DIV BLDG 2916

HQS 3D INF DIV 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

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

negletj

11/23/2004

11:08 AM

CAPS

NUM

IINS

SCPL

start

3

3

3

2

5

2

2

Serial Number: G6288167

Model: M24 SWS



RE00088313

SERIAL # G 6288167 INSPECTED BY: ACDATE REC'D: 11-23-04 DATE RET'D: 12-10-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☐ FRONT SIGHT BASE
☐ REAR SIGHT BASE
☐ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	88313		Supp #4359
SERIAL NUMBER	66288167		
LOG-IN DATE	11-23-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-29-04	RTL
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	NA	TRW
575	ASSEMBLE	12-2-04	RT
600	PROOF	12-2-04	RT
605	CHECK HEADSPACE	12-2-04	RT
610	DIS-ASSEMBLE GUN	12-3-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-3-04	SS
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12/7/04	HA
625 A	FINAL ASSEMBLY	12-9-04	RTL
B	TRIGGER PULL TEST		N.A.
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-10-04	AC
660	PACK	12-10-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288167.__1
FILE DATE AND TIME: 12/10/2004 07:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.658
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.113
The Distance from Centroid Target #3 to Centroid Target #1:	0.046
The Distance from Centroid Target #4 to Centroid Target #1:	0.094
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

SERIAL NUMBER: G6288167. 1

TARGET NUMBER: 1

FILE DATE: 12/10/2004

FILE TIME: 07:40

X CENTROID: -0.003

Y CENTROID: -0.053

POA TO CENTROID: 0.053

HORZ SPREAD: 1.619

VERT SPREAD: 2.217

GROUP SPREAD: 2.298

MIN RADIUS: 0.365

MAX RADIUS: 1.431

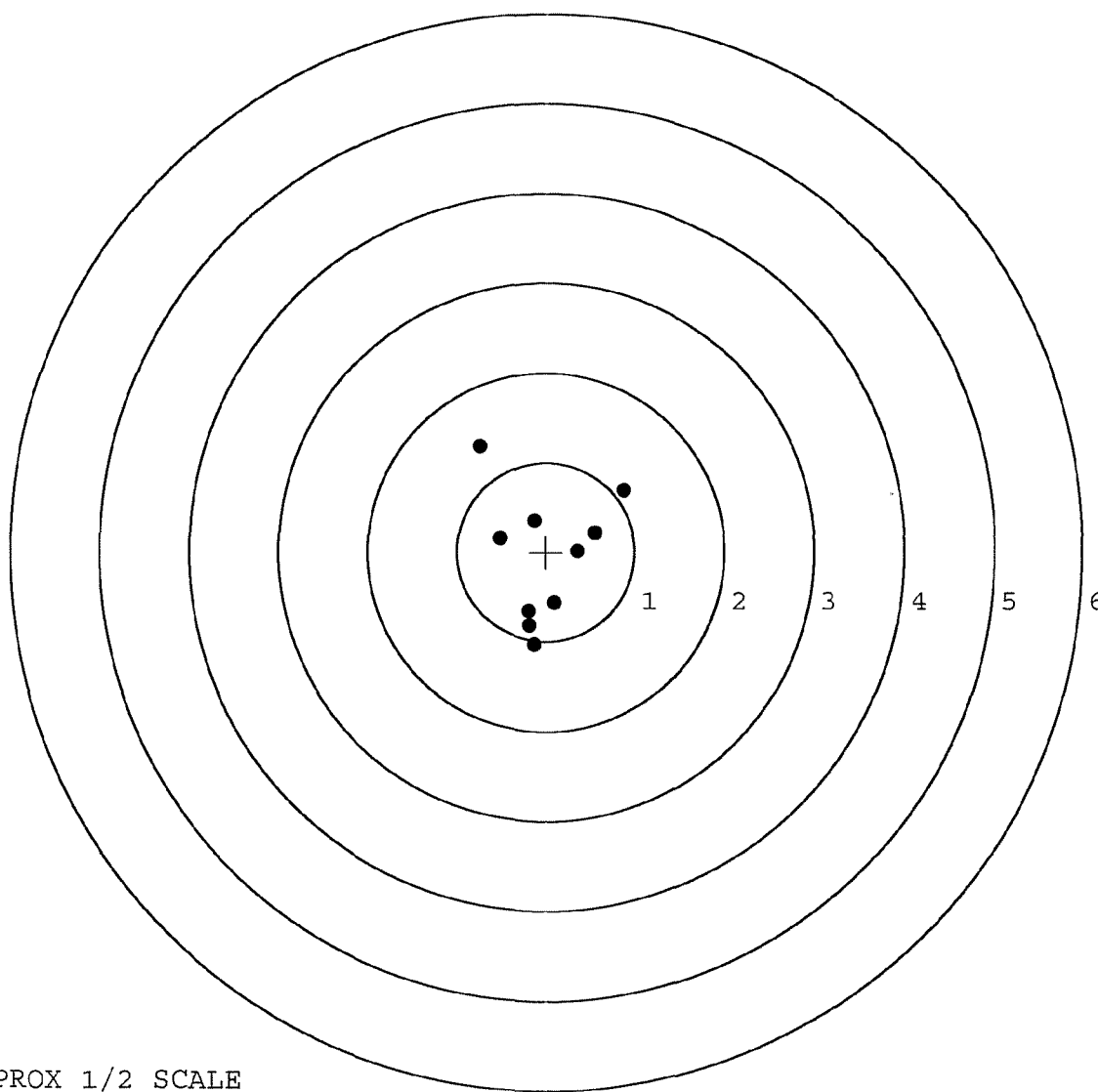
MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.879	0.691
2:	-0.740	1.174
3:	-0.134	0.347
4:	-0.519	0.152
5:	0.548	0.214
6:	0.356	0.012
7:	0.100	-0.575
8:	-0.197	-0.671
9:	-0.187	-0.831
10:	-0.134	-1.043



TARGET APPROX 1/2 SCALE

BARBER - M24 0157610

SERIAL NUMBER: G6288167. __1

TARGET NUMBER: 2

FILE DATE: 12/10/2004

FILE TIME: 07:40

POINT#	X	Y
1:	1.252	0.148
2:	0.528	1.265
3:	0.414	-0.012
4:	-0.042	0.424
5:	-0.277	0.402
6:	-0.418	0.266
7:	-0.609	0.229
8:	-0.229	-0.434
9:	0.020	-0.693
10:	-0.475	-1.007

X CENTROID: 0.016

Y CENTROID: 0.059

POA TO CENTROID: 0.061

HORZ SPREAD: 1.861

VERT SPREAD: 2.272

GROUP SPREAD: 2.484

MIN RADIUS: 0.370

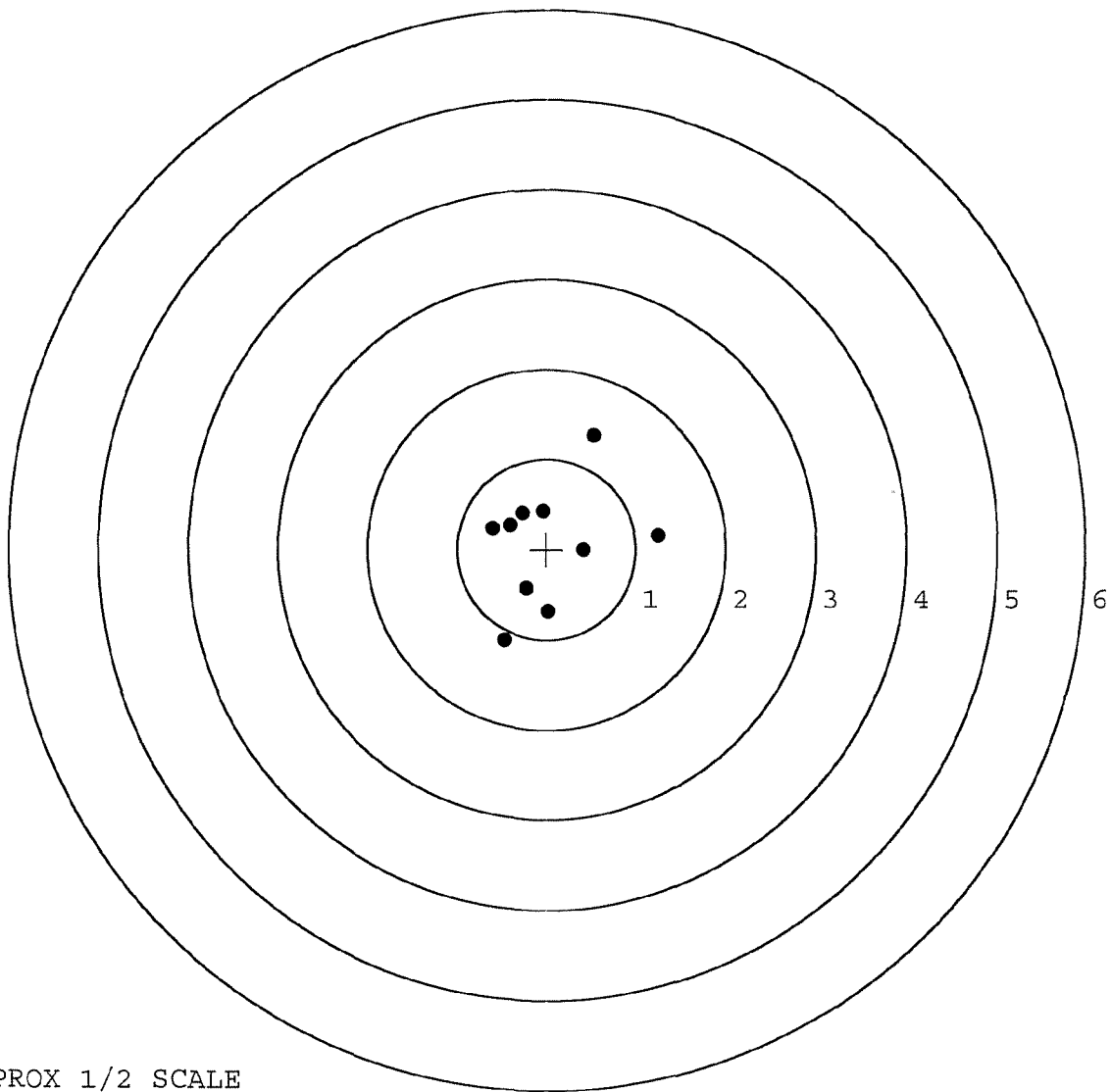
MAX RADIUS: 1.310

MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. 1

TARGET NUMBER: 3

FILE DATE: 12/10/2004

FILE TIME: 07:40

POINT#	X	Y
1:	0.173	0.243
2:	0.556	0.851
3:	0.204	0.828
4:	-0.327	0.364
5:	-0.580	-0.842
6:	0.148	-0.508
7:	-0.323	-0.434
8:	-0.158	-0.160
9:	0.089	-0.071
10:	0.009	-0.375

X CENTROID: -0.021

Y CENTROID: -0.010

POA TO CENTROID: 0.023

HORZ SPREAD: 1.136

VERT SPREAD: 1.693

GROUP SPREAD: 2.039

MIN RADIUS: 0.126

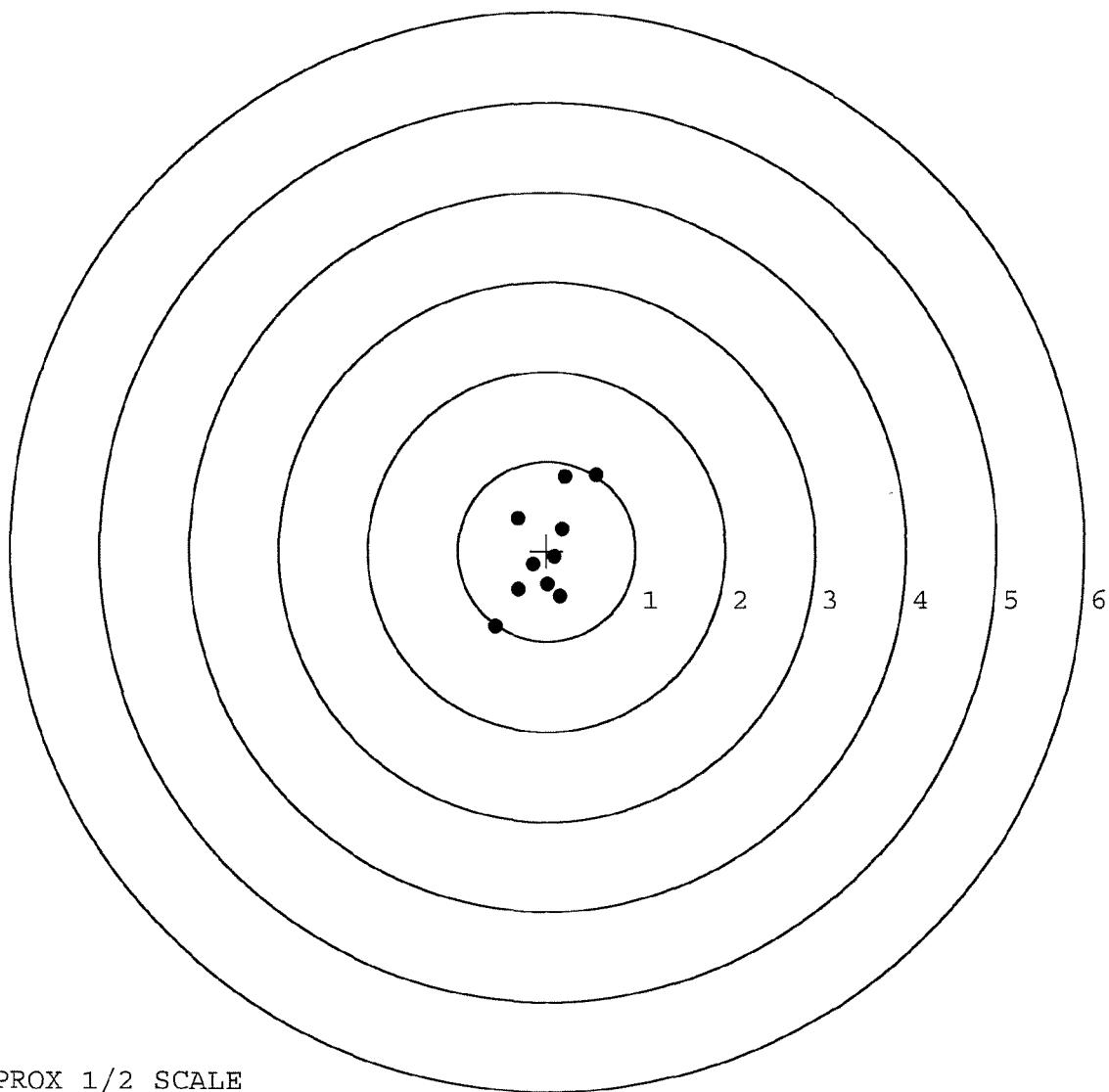
MAX RADIUS: 1.037

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. __1

TARGET NUMBER: 4

FILE DATE: 12/10/2004

FILE TIME: 07:40

POINT#	X	Y
1:	0.664	-1.235
2:	0.998	0.049
3:	0.264	0.511
4:	-0.089	0.347
5:	-0.625	0.429
6:	-0.024	-0.051
7:	0.053	-0.493
8:	-0.147	-0.406
9:	-0.487	-0.184
10:	-0.051	-0.239

X CENTROID: 0.056

Y CENTROID: -0.127

POA TO CENTROID: 0.139

HORZ SPREAD: 1.623

VERT SPREAD: 1.746

GROUP SPREAD: 2.105

MIN RADIUS: 0.110

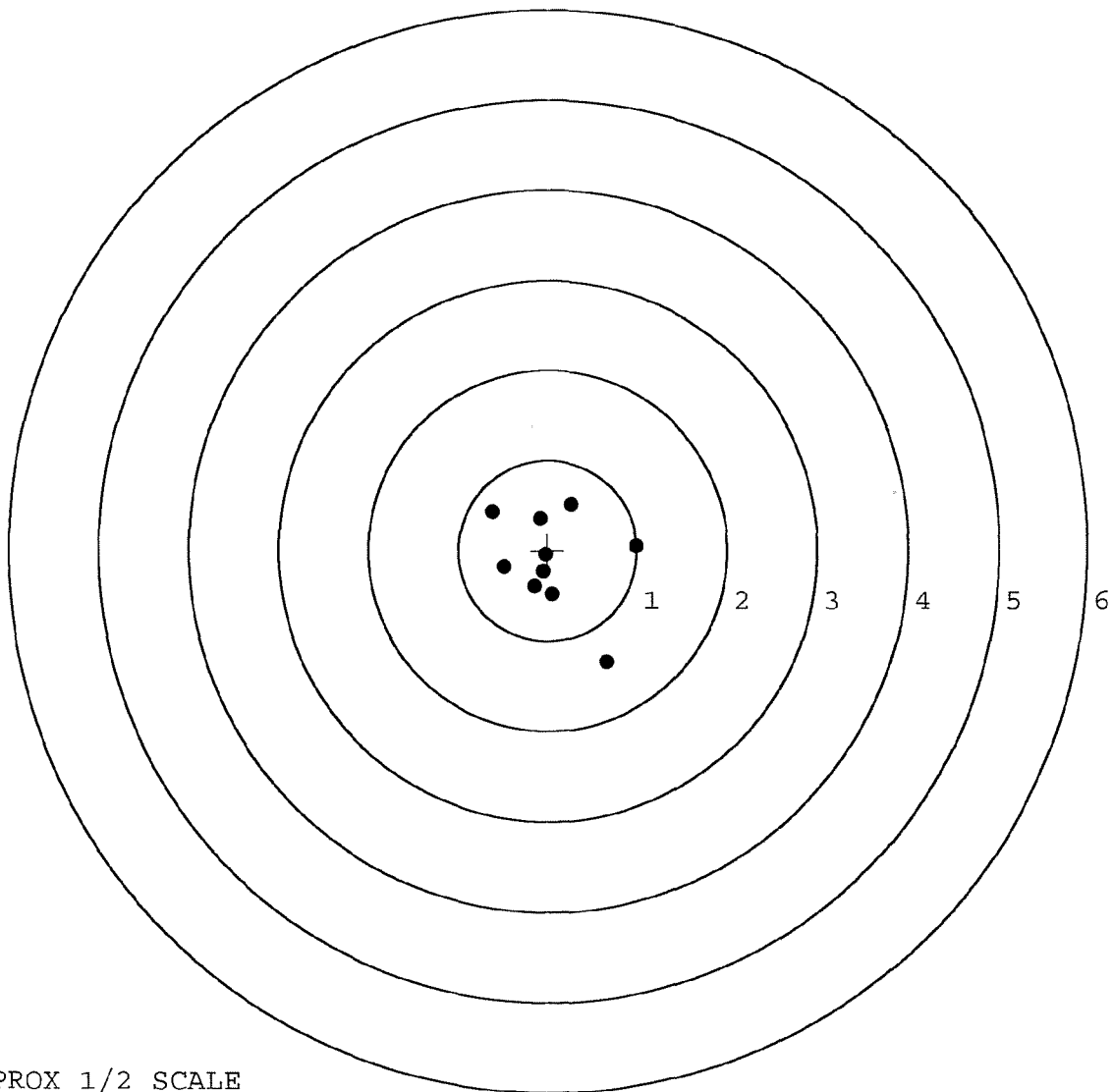
MAX RADIUS: 1.264

MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. 1

TARGET NUMBER: 5

FILE DATE: 12/10/2004

FILE TIME: 07:40

POINT#	X	Y
1:	0.431	-0.953
2:	0.702	-0.621
3:	0.528	-0.417
4:	0.413	0.061
5:	-0.062	-0.924
6:	-0.167	-0.264
7:	0.248	0.542
8:	-0.446	0.709
9:	-0.464	0.120
10:	-0.658	0.216

X CENTROID: 0.053

Y CENTROID: -0.153

POA TO CENTROID: 0.162

HORZ SPREAD: 1.360

VERT SPREAD: 1.662

GROUP SPREAD: 1.879

MIN RADIUS: 0.246

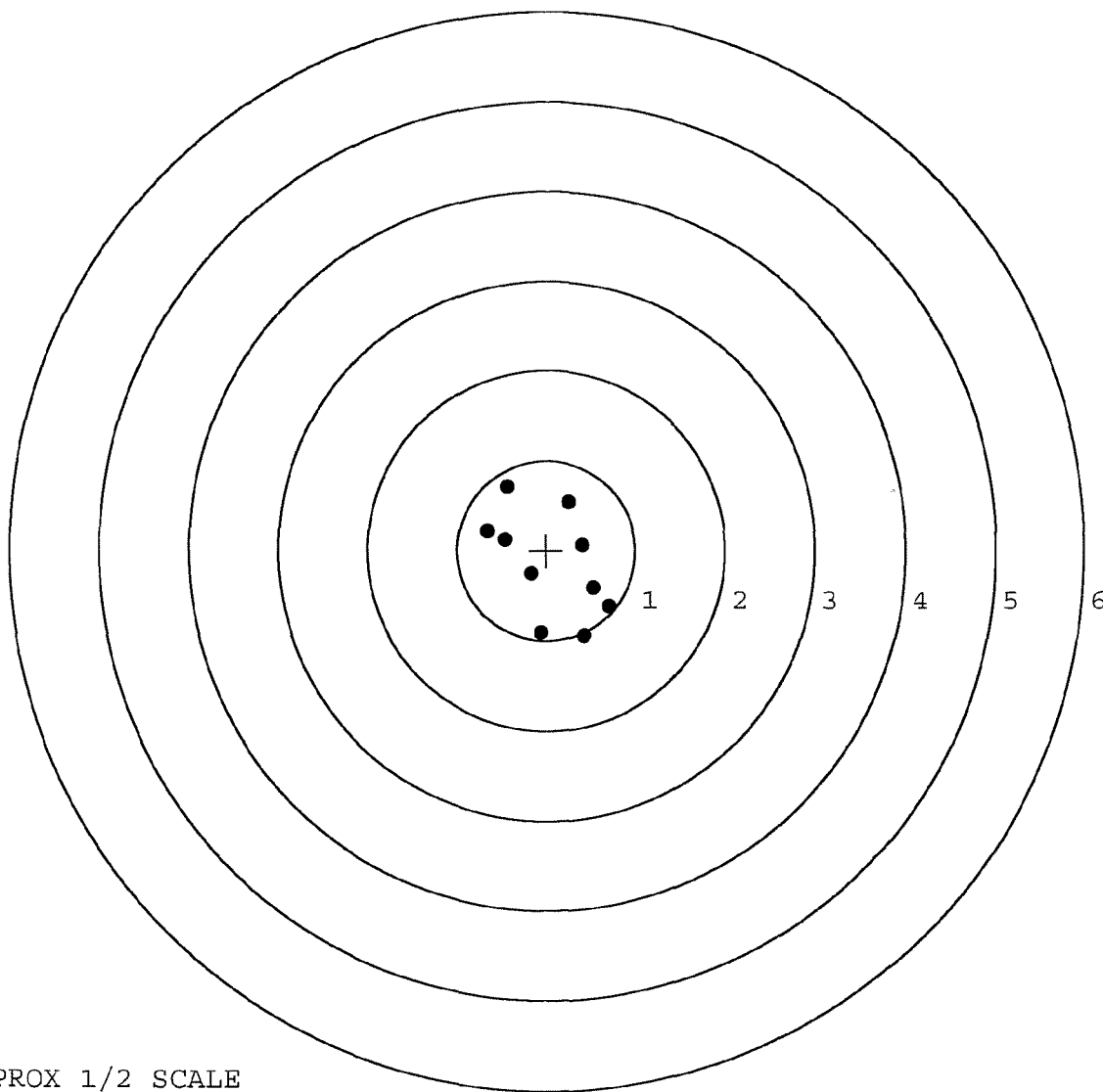
MAX RADIUS: 0.996

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

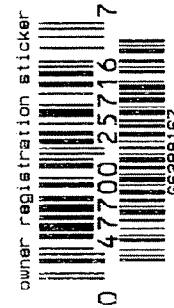
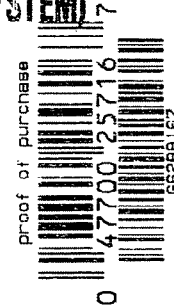


TARGET APPROX 1/2 SCALE

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

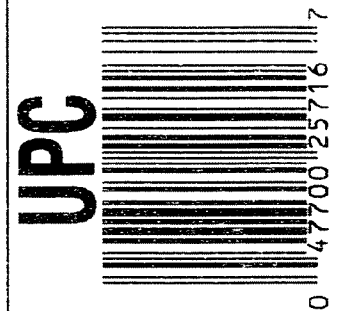
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6288167



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

Serial No. **G6288167**
Order No. **25716**

DO

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

17XX

5716 G6288167

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 # 66288167

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	Ac
607	CHECK HEADSPACE		11-12-03	Ac
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-13-03	JB
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRL
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/21/03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/21/03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/21/03	RW
	D) OIL FIRING PIN ASSEMBLY		11/21/03	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7 1/6s</u> <u>7 1/6s</u> <u>7 1/6s</u>	12-1-03	AC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 1/6s</u> <u>3 1/6s</u> <u>3 1/6s</u>	12-11-03	12-11-03
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	12-11-03	AC
	J) ASSEMBLE STOCK		11/21/03	RW
	K) ASSEMBLE SWIVEL STUDS		12/11/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11/21/03	RW
	M) IRON SIGHT ALIGNMENT		11/21/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11/21/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	12-1-03	A
	MALFUNCTION <i>BAC</i>	CORRECTION <i>OK AC 12/10/03</i>	12-1-03	A
	MALFUNCTION	CORRECTION	12-1-03	A
	MALFUNCTION	CORRECTION	12-1-03	A
	MALFUNCTION	CORRECTION	12-1-03	A
645	INSPECT FOR LIVE AMMO		12-1-03	A
655	FINAL INSPECTION A) HEADSPACE		12/11/03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.79</u> <u>2.52</u> <u>2.62</u> <u>2.55</u> <u>2.49</u>	12/10/03	RW
	C) FUNCTION		12/11/03	RW
660	PACK		12/12/03	RW

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0157618

SERIAL NO. _____

2.50 LBS (plus or minus 0.50 LBS)

DATE 11-20-03

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRLW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.24	2.24		2.45	
PULL #2	2.35	2.34		2.38	
PULL #3	2.36	2.43		2.43	
PULL #4	2.37	2.44		2.39	
PULL #5	2.48	2.47		2.45	
TOTAL	11.80	11.92		12.10	
AVERAGE	2.36	2.38		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.01		
PULL #2	3.17	3.29		
PULL #3	3.11	3.04		
PULL #4	3.21	3.16		
PULL #5	3.11	3.39		
TOTAL	15.99	15.89		
AVERAGE	3.19	3.17		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.03	4.06		4.36
PULL #2	4.15	3.86		4.44
PULL #3	4.16	4.06		4.22
PULL #4	4.08	4.28		4.19
PULL #5	4.08	3.91		4.30
TOTAL	20.50	20.17		21.51
AVERAGE	4.10	4.03		4.30

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288167.___0
FILE DATE AND TIME: 12/01/2003 10:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

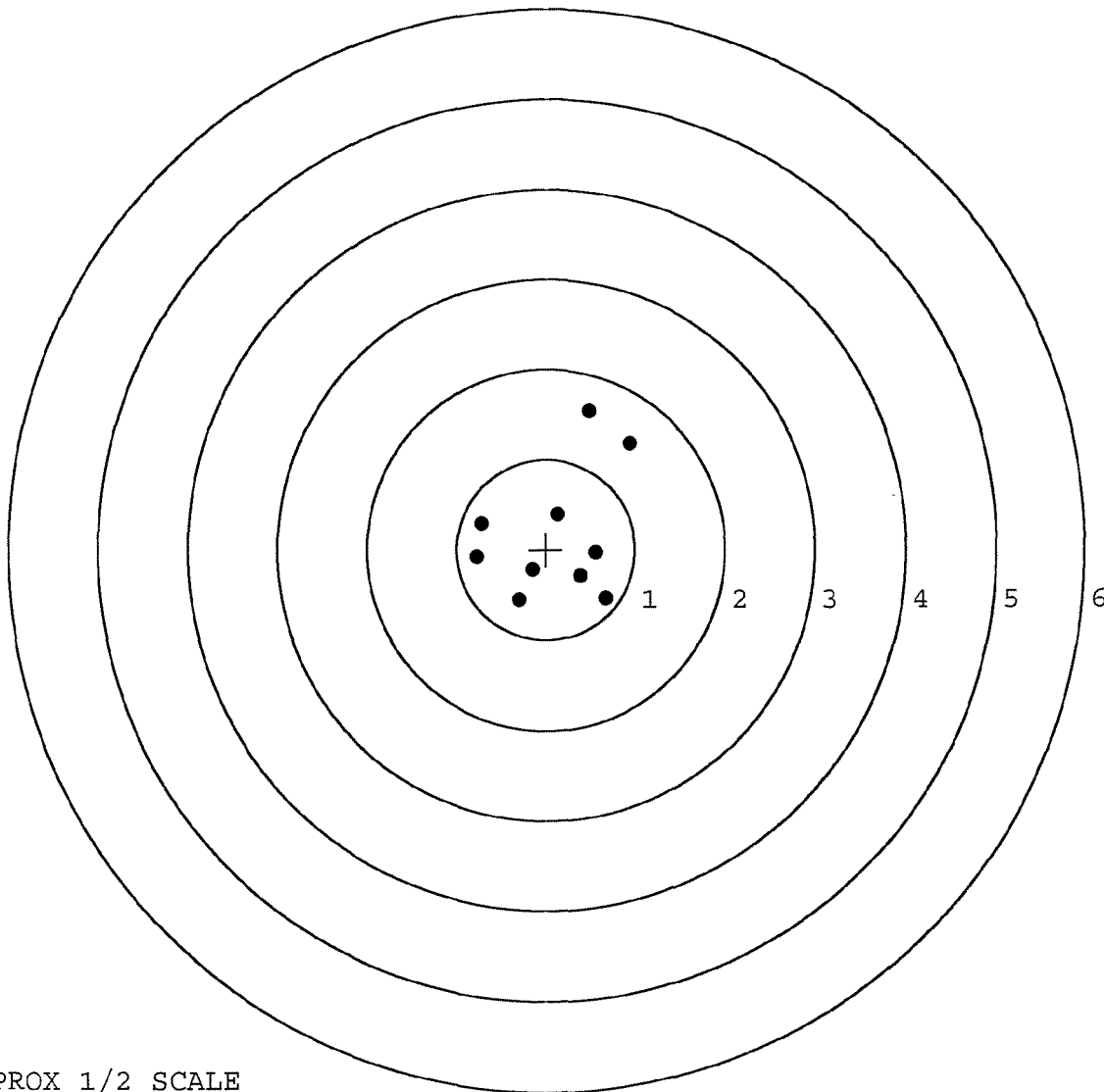
The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.759
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.294
The Distance from Centroid Target #3 to Centroid Target #1:	0.257
The Distance from Centroid Target #4 to Centroid Target #1:	0.373
The Distance from Centroid Target #5 to Centroid Target #1:	0.343

BARBER - M24 0157620

SERIAL NUMBER: G6288167. __0
 TARGET NUMBER: 1
 FILE DATE: 12/01/2003
 FILE TIME: 10:52

POINT#	X	Y
1:	0.486	1.535
2:	0.942	1.176
3:	0.128	0.391
4:	-0.724	0.287
5:	-0.771	-0.081
6:	-0.152	-0.233
7:	0.561	-0.035
8:	0.393	-0.295
9:	0.667	-0.543
10:	-0.305	-0.566

X CENTROID: 0.123
 Y CENTROID: 0.164
 POA TO CENTROID: 0.204
 HORZ SPREAD: 1.713
 VERT SPREAD: 2.101
 GROUP SPREAD: 2.245
 MIN RADIUS: 0.227
 MAX RADIUS: 1.419
 MEAN RADIUS: 0.796
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. 0

TARGET NUMBER: 2

FILE DATE: 12/01/2003

FILE TIME: 10:52

POINT#	X	Y
1:	-0.341	0.903
2:	-0.007	0.801
3:	0.106	0.659
4:	0.002	0.304
5:	-0.428	-0.084
6:	-0.903	-0.336
7:	-0.517	-0.506
8:	-0.119	-0.450
9:	0.739	-0.399
10:	0.306	-0.966

X CENTROID: -0.116

Y CENTROID: -0.007

POA TO CENTROID: 0.116

HORZ SPREAD: 1.642

VERT SPREAD: 1.869

GROUP SPREAD: 1.978

MIN RADIUS: 0.321

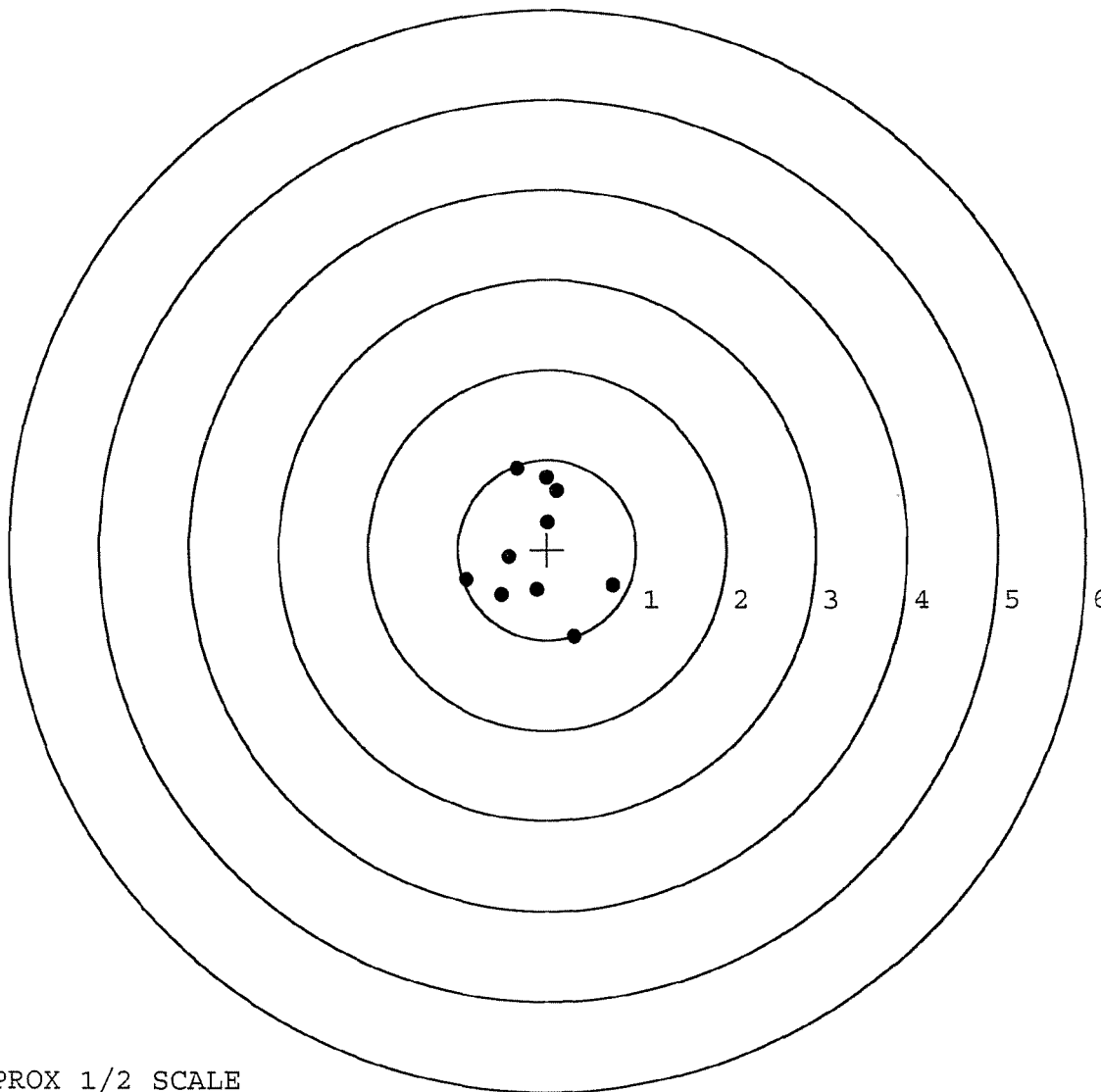
MAX RADIUS: 1.047

MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. 0

TARGET NUMBER: 3

FILE DATE: 12/01/2003

FILE TIME: 10:52

X CENTROID: 0.070

Y CENTROID: -0.088

POA TO CENTROID: 0.112

HORZ SPREAD: 1.231

VERT SPREAD: 2.567

GROUP SPREAD: 2.608

MIN RADIUS: 0.048

MAX RADIUS: 1.526

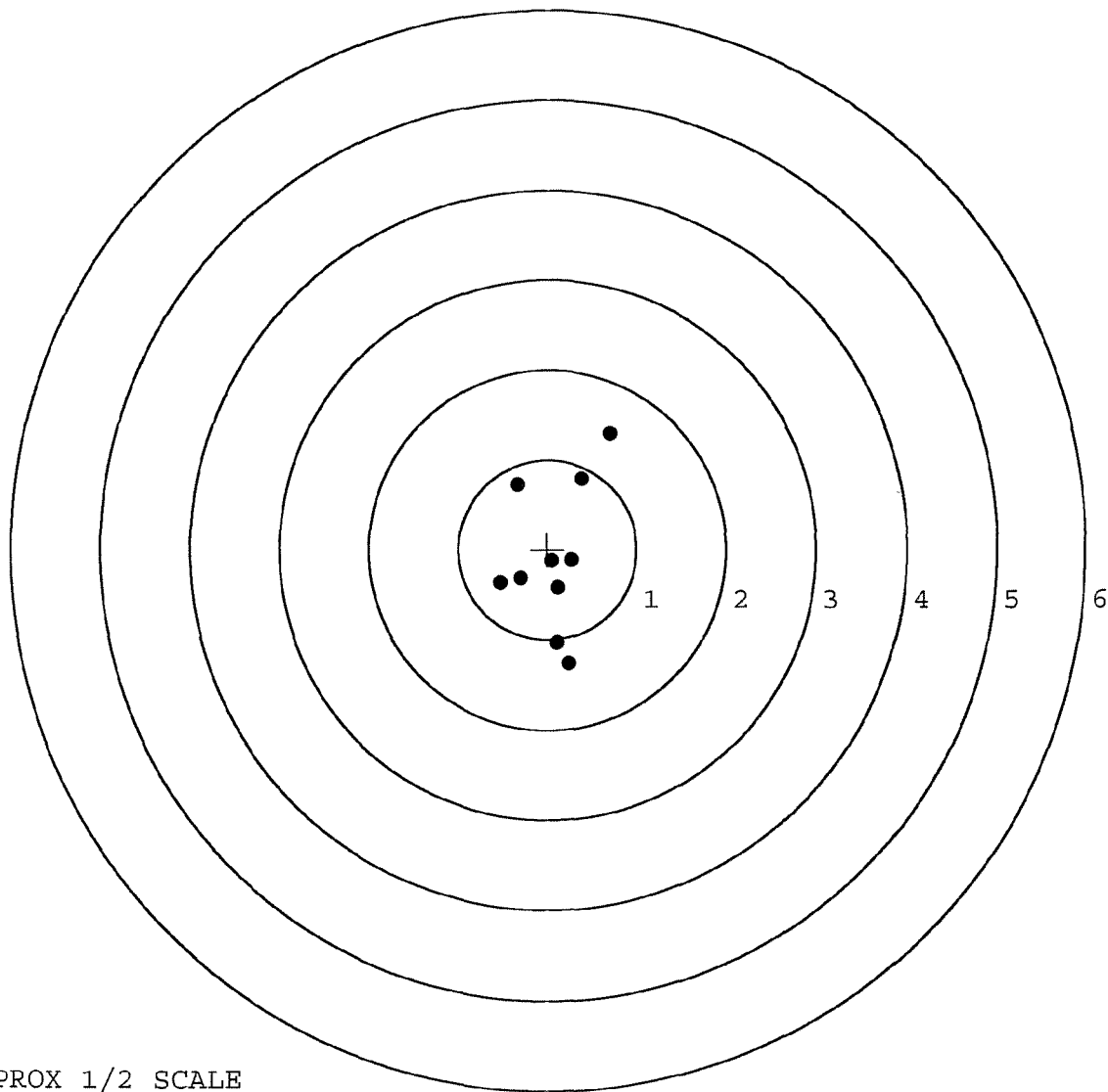
MEAN RADIUS: 0.721

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.704	1.300
2:	0.383	0.790
3:	-0.343	0.723
4:	-0.527	-0.372
5:	-0.301	-0.325
6:	0.051	-0.132
7:	0.269	-0.120
8:	0.114	-0.430
9:	0.108	-1.046
10:	0.244	-1.267



TARGET APPROX 1/2 SCALE

BARBER - M24 0157623

SERIAL NUMBER: G6288167. __0

TARGET NUMBER: 4

FILE DATE: 12/01/2003

FILE TIME: 10:52

POINT#	X	Y
1:	-0.371	1.096
2:	-0.131	0.833
3:	0.155	0.621
4:	-0.666	0.370
5:	-0.480	-0.420
6:	-0.679	-0.411
7:	-0.021	-0.857
8:	-0.223	-0.782
9:	0.763	-0.408
10:	-0.648	0.365

X CENTROID: -0.230

Y CENTROID: 0.041

POA TO CENTROID: 0.234

HORZ SPREAD: 1.442

VERT SPREAD: 1.953

GROUP SPREAD: 1.884

MIN RADIUS: 0.524

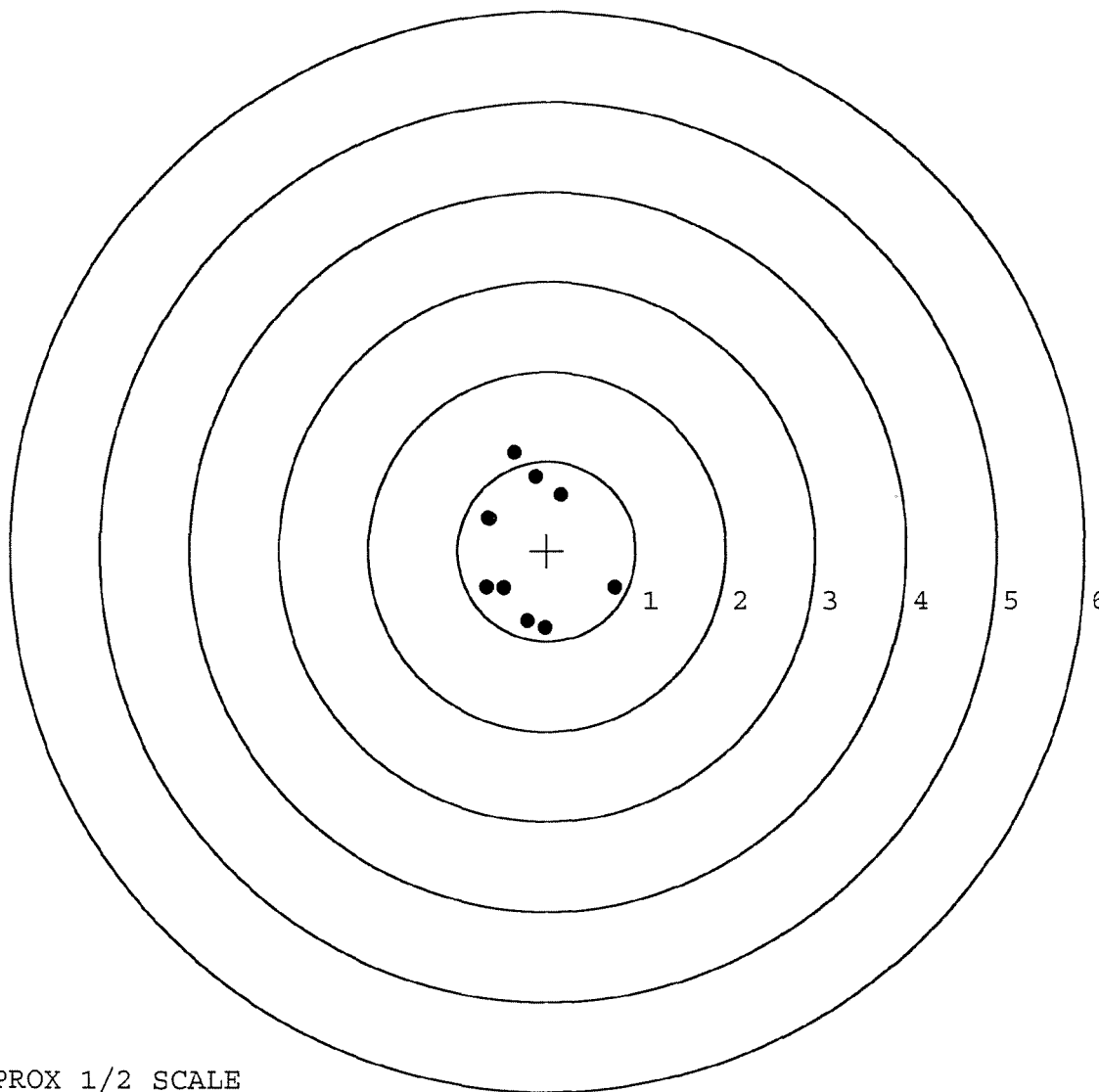
MAX RADIUS: 1.090

MEAN RADIUS: 0.763

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288167. 0

TARGET NUMBER: 5

FILE DATE: 12/01/2003

FILE TIME: 10:52

X CENTROID: -0.208

Y CENTROID: 0.070

POA TO CENTROID: 0.219

HORZ SPREAD: 1.803

VERT SPREAD: 2.226

GROUP SPREAD: 2.550

MIN RADIUS: 0.488

MAX RADIUS: 1.683

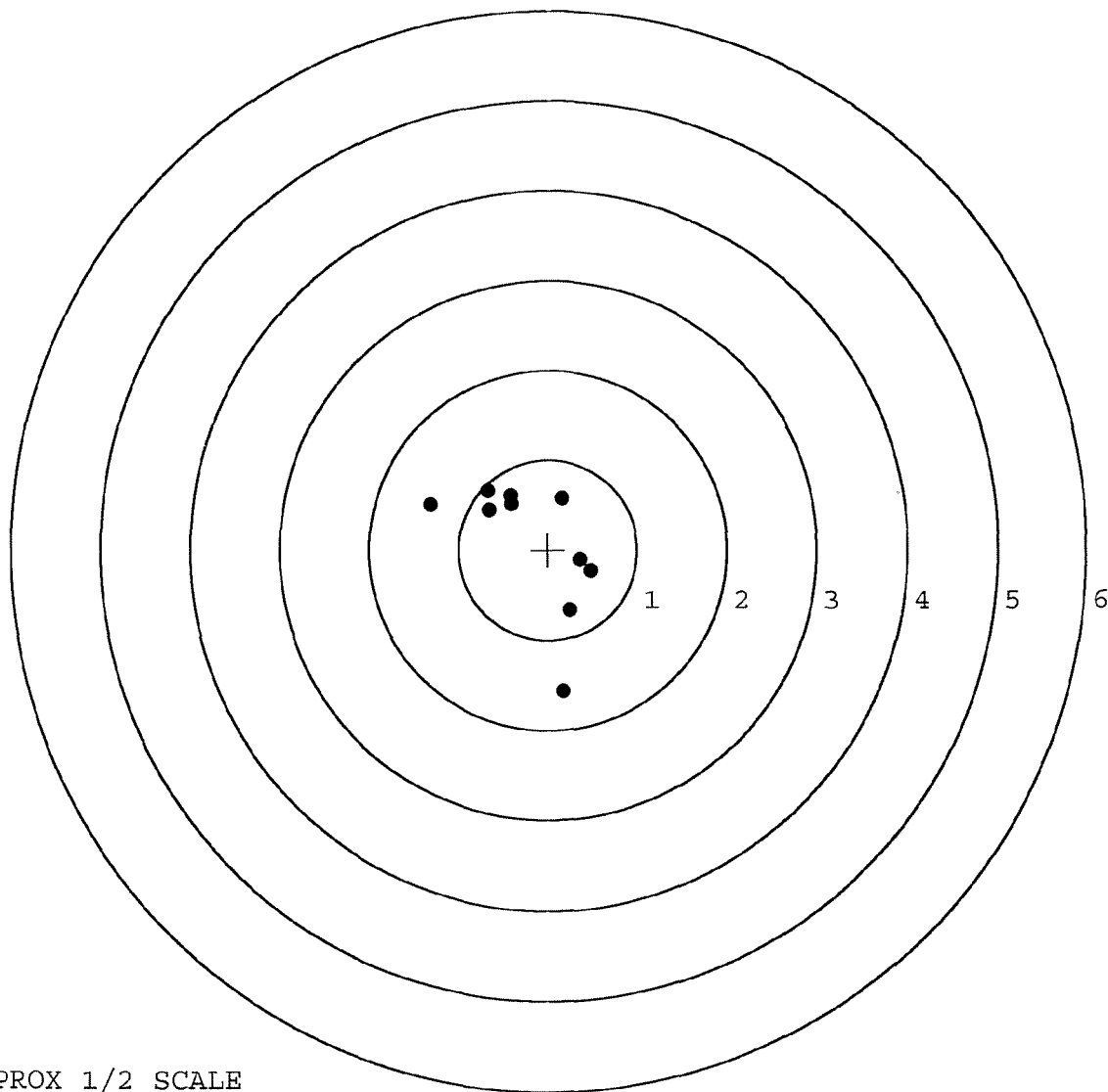
MEAN RADIUS: 0.812

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.155	0.572
2:	0.366	-0.111
3:	0.484	-0.233
4:	0.243	-0.671
5:	0.176	-1.568
6:	-1.319	0.498
7:	-0.676	0.658
8:	-0.426	0.603
9:	-0.665	0.443
10:	-0.416	0.512



TARGET APPROX 1/2 SCALE