

G 653 5268

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



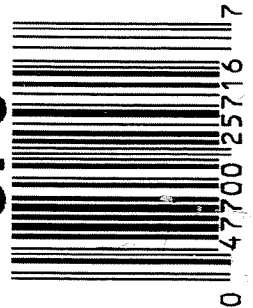
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6535268

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G653 52108

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		2-2-06	RTZ
440	PROOF		2/2/06	MJD
460	CHECK HEADSPACE	MAGNA-FLUX	2/2/06	MJD
470	DIS-ASSEMBLE ACTION		2-3-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP # 480	2-7-06	APD
500	ROLLMARK CALIBER		2-2-06	CW
510	DRILL AND TAP SIGHT HOLES		2-6-06	TRW
520	GOFF BLAST BBL / REC		2/8	JW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		2/14	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/20/06	MJD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/20/06	MJD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/20/06	MJD
	D) OIL FIRING PIN ASSEMBLY		3-22-06	AC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	4-10-06	APD

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	4-4-06	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.0</u>	4-4-06	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0225</u> <u>.0225</u> <u>.022</u>	4-4-06	TRW
	J) ASSEMBLE STOCK		3-27-06	RL
	K) ASSEMBLE SWIVEL STUDS		4-10-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-27-06	A
	M) IRON SIGHT ALIGNMENT		3-27-06	A
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-27-06	A
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-30-06	L.P.D.
	MALFUNCTION <u>Bolt Release Jammed</u>	<u>CORRECTION</u> OK	3-31-06	A
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-30-06	mon.
670	FINAL INSPECTION A) HEADSPACE		4-10-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.80</u> <u>2.73</u> <u>2.79</u> <u>2.87</u> <u>2.79</u>	3-31-06	A
	C) FUNCTION		4-10-06	L.P.D.
690	PACK		4-13-06	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 3-14-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	255	247		252	
PULL #2	251	240		251	
PULL #3	253	256		250	
PULL #4	245	247		249	
PULL #5	245	256		252	
TOTAL	1249	1246		1254	
AVERAGE	249	249		250	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	305	309		
PULL #2	307	296		
PULL #3	310	304		
PULL #4	311	304		
PULL #5	308	303		
TOTAL	1541	1516		
AVERAGE	308	303		

	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	404	403		404
PULL #2	407	400		402
PULL #3	399	403		406
PULL #4	404	400		394
PULL #5	409	404		400
TOTAL	2023	2010		2006
AVERAGE	404	402		401

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535268.___0

FILE DATE AND TIME: 03/30/2006 17:28

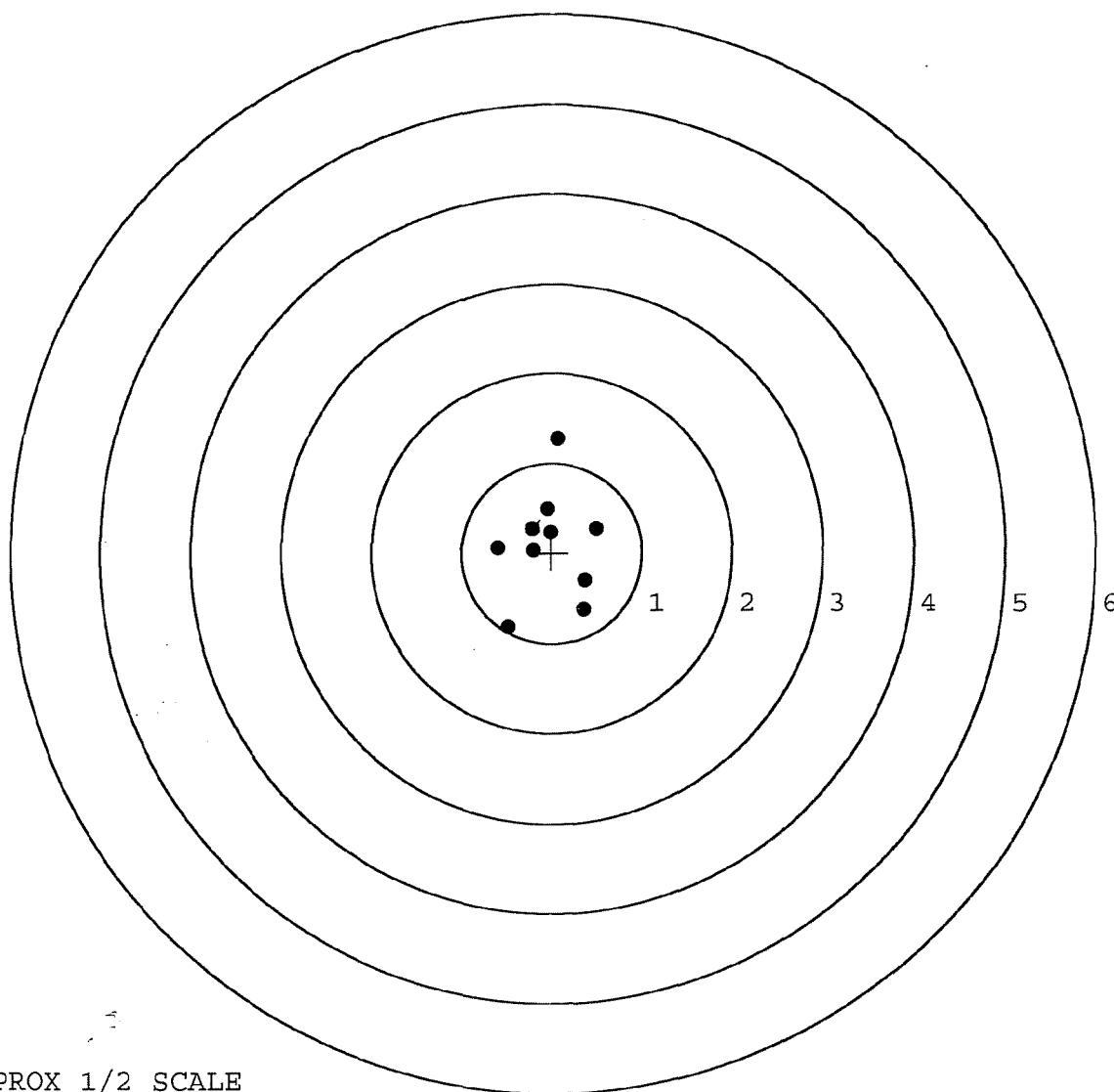
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.073
The Average Y Centroid of the Five Target Set:	0.053
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.540
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.084
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.020

SERIAL NUMBER: G6535268. 0
 TARGET NUMBER: 1
 FILE DATE: 03/30/2006
 FILE TIME: 17:28

POINT#	X	Y
1:	-0.484	-0.820
2:	0.354	-0.622
3:	0.373	-0.300
4:	0.491	0.277
5:	-0.595	0.055
6:	-0.206	0.030
7:	-0.222	0.273
8:	-0.012	0.229
9:	-0.050	0.492
10:	0.069	1.270

X CENTROID: -0.028
 Y CENTROID: 0.088
 POA TO CENTROID: 0.093
 HORZ SPREAD: 1.086
 VERT SPREAD: 2.090
 GROUP SPREAD: 2.162
 MIN RADIUS: 0.142
 MAX RADIUS: 1.186
 MEAN RADIUS: 0.569
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090374

SERIAL NUMBER: G6535268. __0

TARGET NUMBER: 2

FILE DATE: 03/30/2006

FILE TIME: 17:28

POINT#	X	Y
1:	0.052	-0.476
2:	0.338	-0.488
3:	0.013	-0.193
4:	0.264	-0.149
5:	0.550	0.219
6:	-0.035	0.322
7:	-0.298	0.564
8:	-0.407	0.310
9:	-0.688	0.227
10:	-0.653	-0.060

X CENTROID: -0.086

Y CENTROID: 0.028

POA TO CENTROID: 0.091

HORZ SPREAD: 1.238

VERT SPREAD: 1.052

GROUP SPREAD: 1.251

MIN RADIUS: 0.242

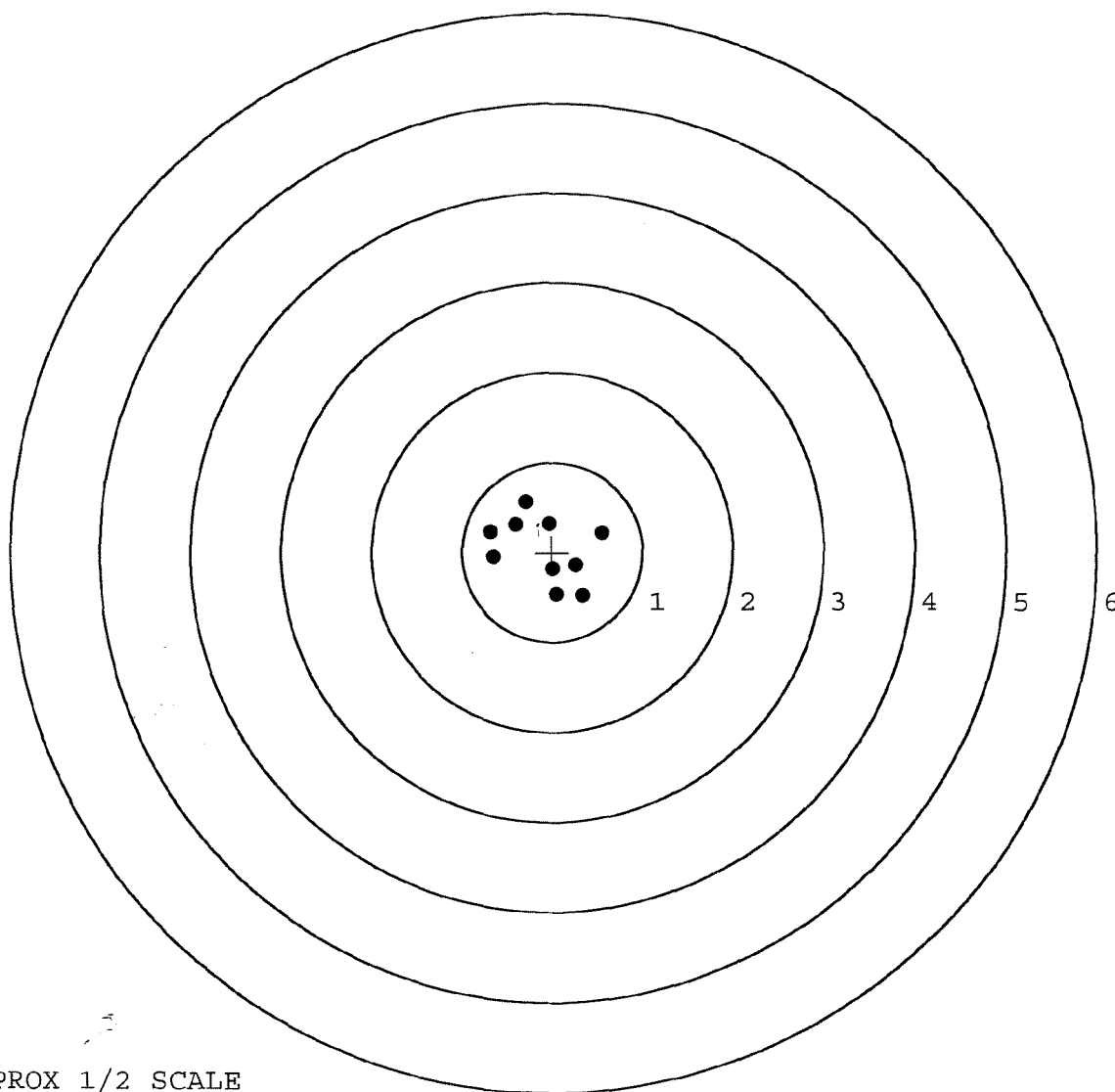
MAX RADIUS: 0.668

MEAN RADIUS: 0.500

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090375

SERIAL NUMBER: G6535268. __0

TARGET NUMBER: 3

FILE DATE: 03/30/2006

FILE TIME: 17:28

POINT#	X	Y
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1:	-0.252	0.806
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2:	0.125	0.616
----	-------	-------

3:	-0.335	0.223
----	--------	-------

4:	0.079	0.141
----	-------	-------

5:	0.534	0.029
----	-------	-------

6:	0.268	-0.228
----	-------	--------

7:	-0.202	-0.781
----	--------	--------

8:	-0.368	-0.439
----	--------	--------

9:	-0.743	-0.529
----	--------	--------

10:	-0.101	0.110
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X CENTROID: -0.100

Y CENTROID: -0.005

POA TO CENTROID: 0.100

HORZ SPREAD: 1.277

VERT SPREAD: 1.587

GROUP SPREAD: 1.437

MIN RADIUS: 0.115

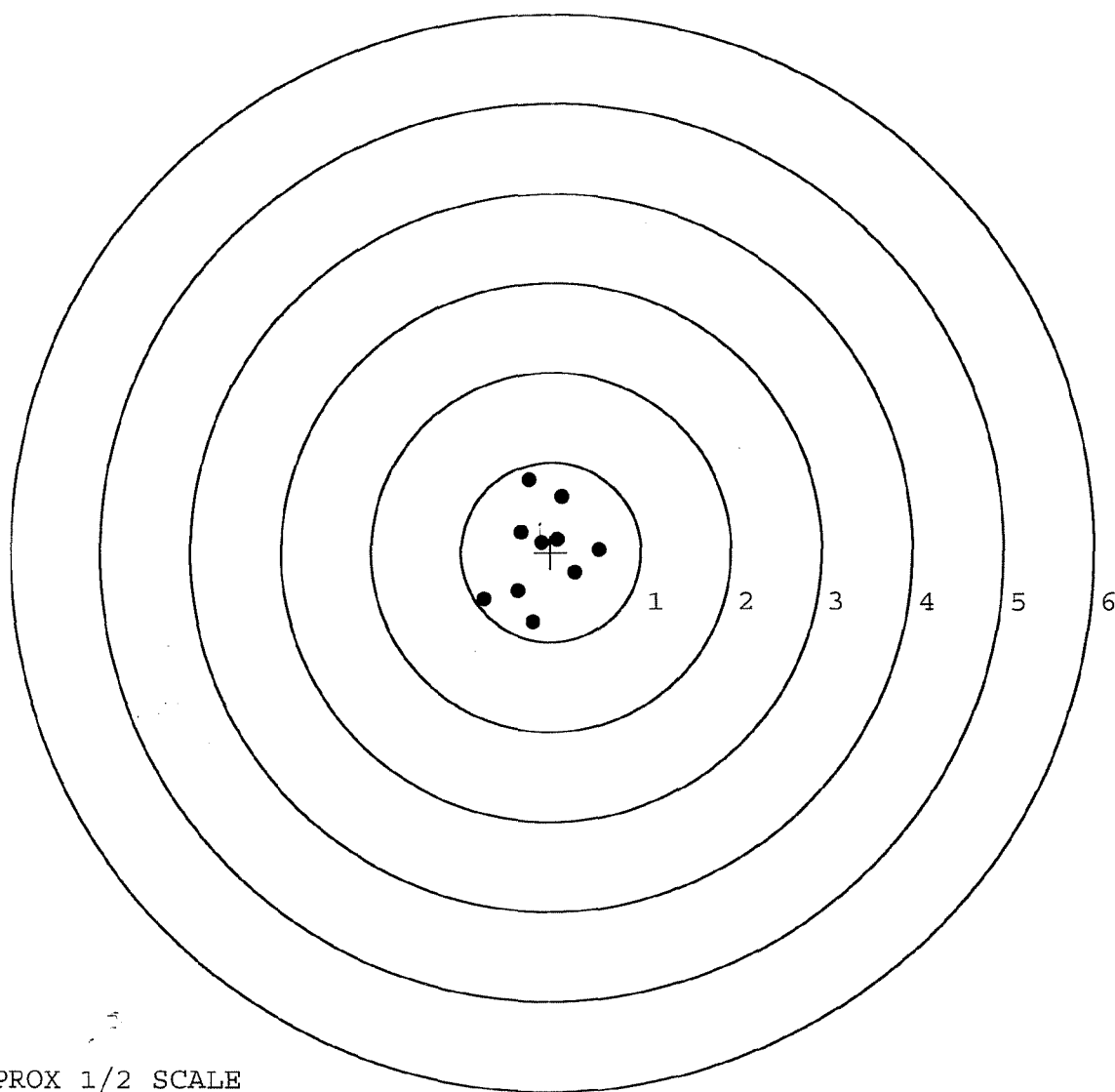
MAX RADIUS: 0.830

MEAN RADIUS: 0.535

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090376

SERIAL NUMBER: G6535268. 0

TARGET NUMBER: 4

FILE DATE: 03/30/2006

FILE TIME: 17:28

POINT#	X	Y
1:	-0.669	0.460
2:	-0.052	0.815
3:	0.460	0.570
4:	-0.079	0.459
5:	-0.116	0.148
6:	-0.359	-0.167
7:	0.110	-0.230
8:	-0.047	-0.690
9:	-0.508	-0.986
10:	-0.023	0.445

X CENTROID: -0.128

Y CENTROID: 0.082

POA TO CENTROID: 0.152

HORZ SPREAD: 1.129

VERT SPREAD: 1.801

GROUP SPREAD: 1.858

MIN RADIUS: 0.067

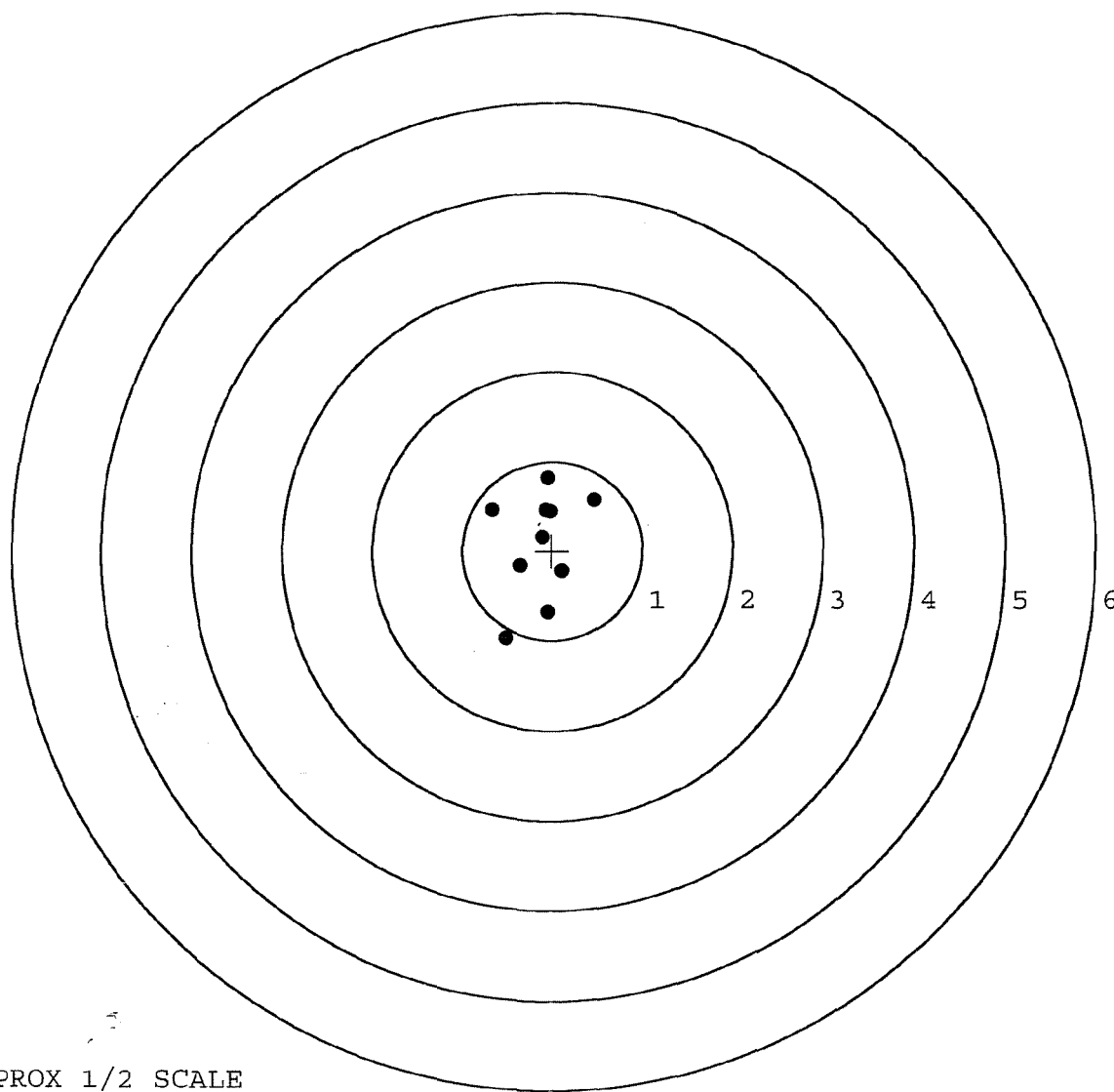
MAX RADIUS: 1.134

MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090377

SERIAL NUMBER: G6535268. 0

TARGET NUMBER: 5

FILE DATE: 03/30/2006

FILE TIME: 17:28

POINT#	X	Y
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1:	0.417	0.996
----	-------	-------

2:	0.125	0.628
----	-------	-------

3:	0.720	0.302
----	-------	-------

4:	0.142	0.020
----	-------	-------

5:	0.020	-0.733
----	-------	--------

6:	-0.348	-0.433
----	--------	--------

7:	-0.195	-0.151
----	--------	--------

8:	-0.327	0.090
----	--------	-------

9:	-0.658	0.012
----	--------	-------

10:	-0.113	-0.034
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X CENTROID: -0.022

Y CENTROID: 0.070

POA TO CENTROID: 0.073

HORZ SPREAD: 1.378

VERT SPREAD: 1.729

GROUP SPREAD: 1.774

MIN RADIUS: 0.138

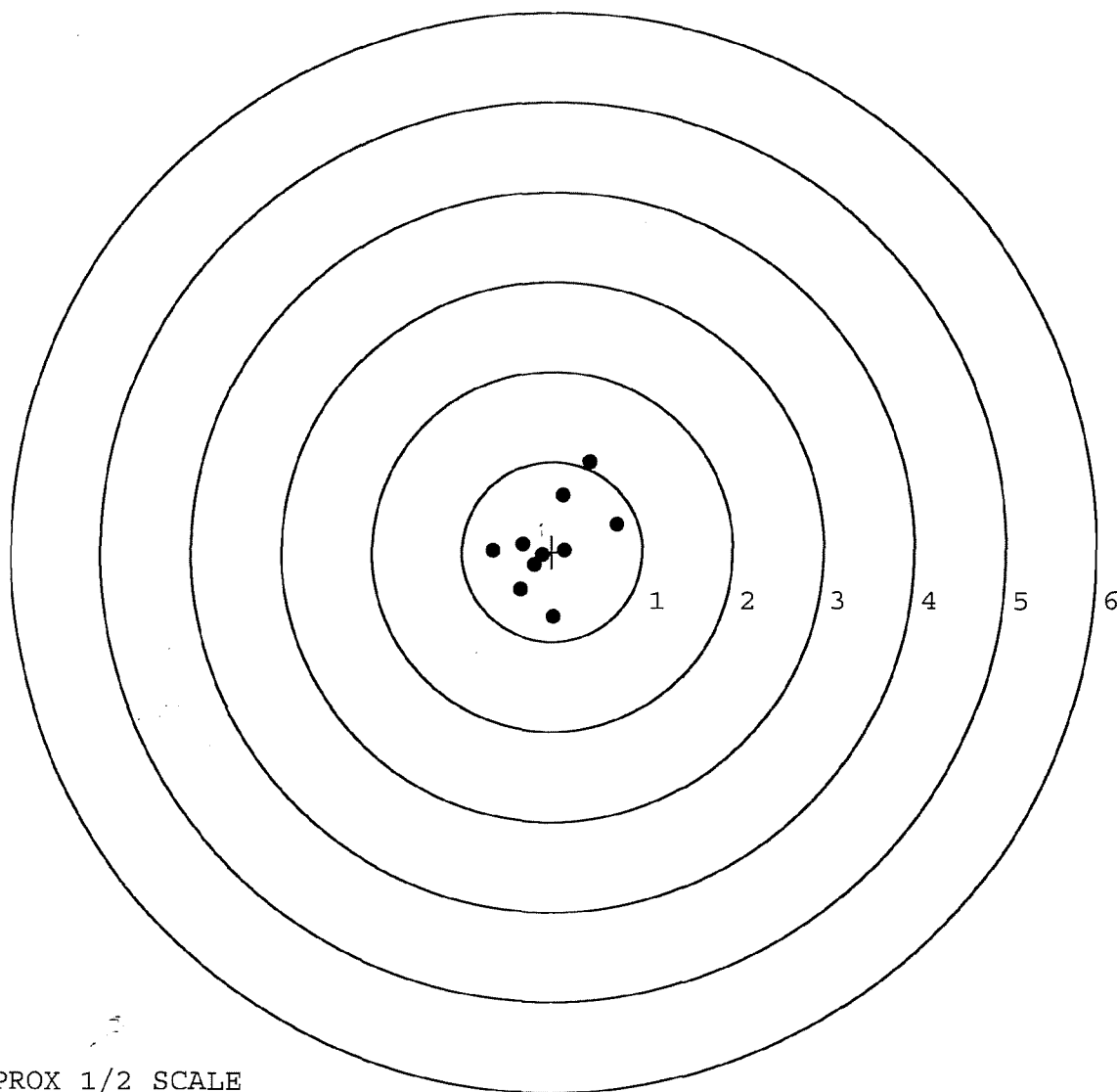
MAX RADIUS: 1.025

MEAN RADIUS: 0.532

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE