

G 653 5-176

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

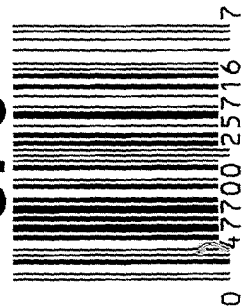
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6535176

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535176

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		4-13-06	RTZ
440	PROOF		4-13-06	TRW
460	CHECK HEADSPACE		4-13-06	TRW
470	DIS-ASSEMBLE ACTION		4-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480	4/17/06	curry
500	ROLLMARK CALIBER		4-18-06	CW
510	DRILL AND TAP SIGHT HOLES		4-17-06	TRW
520	GOFF BLAST BBL / REC		4-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4/19/06	TRW
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		4-21-06	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-21-06	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-21-06	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		4-21-06	AL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	5-10-06	AC

REV-8405

OP # OPERATION NAME			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.5</u>	<u>6.0</u>	<u>5.5</u>	5-11-06	RA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.5</u>	<u>2.5</u>	5-11-06	RA		
	H) TRIGGER PULL TEST AND RETAINABILITY					5-11-06	L.P.D.		
	I) FIRING PIN INDENT	.020 MIN	<u>1.022</u>	<u>1.023</u>	<u>1.022</u>	5-11-06	RA		
	J) ASSEMBLE STOCK					4-24-06	AC		
	K) ASSEMBLE SWIVEL STUDS					5-11-06	L.P.D.		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					4-21-06	AC		
	M) IRON SIGHT ALIGNMENT					4-21-06	AC		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					4-21-06	AC		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		5-3-06	MTM		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					5-3-06	L.P.D.		
670	FINAL INSPECTION A) HEADSPACE					5-11-06	L.P.D.		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.59</u>	<u>2.41</u>	<u>2.42</u>	<u>2.53</u>	<u>2.28</u>	5-10-06	AC
	C) FUNCTION					5-11-06	L.P.D.		
690	PACK					6-27-06	RA		

BARBER - M24 0089125AVERAGE 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 4-7-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.52		2.54	
PULL #2	2.48	2.61		2.64	
PULL #3	2.56	2.46		2.59	
PULL #4	2.66	2.46		2.44	
PULL #5	2.64	2.43		2.44	
TOTAL	12.84	12.48		12.65	
AVERAGE	2.56	2.49		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.25		
PULL #2	3.15	3.19		
PULL #3	2.98	3.18		
PULL #4	3.19	3.16		
PULL #5	3.19	3.26		
TOTAL	15.51	16.04		
AVERAGE	3.10	3.20		

	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	4.15	3.94		4.06
PULL #2	4.19	4.09		4.08
PULL #3	4.12	4.15		4.03
PULL #4	4.16	4.15		4.11
PULL #5	4.16	4.12		4.13
TOTAL	20.78	20.45		20.41
AVERAGE	4.15	4.09		4.08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535176.___0
FILE DATE AND TIME: 05/03/2006 16:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.089
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.301
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.159

BARBER - M24 0089127

SERIAL NUMBER: G6535176. 0

TARGET NUMBER: 1

FILE DATE: 05/03/2006

FILE TIME: 16:42

POINT#	X	Y
1:	-0.531	0.916
2:	-0.848	0.385
3:	-0.748	-0.032
4:	-0.360	0.434
5:	0.122	0.320
6:	-0.136	-0.020
7:	0.624	-0.043
8:	0.923	-0.705
9:	-0.066	-0.959
10:	-0.088	-0.454

X CENTROID: -0.111

Y CENTROID: -0.016

POA TO CENTROID: 0.112

HORZ SPREAD: 1.771

VERT SPREAD: 1.875

GROUP SPREAD: 2.178

MIN RADIUS: 0.026

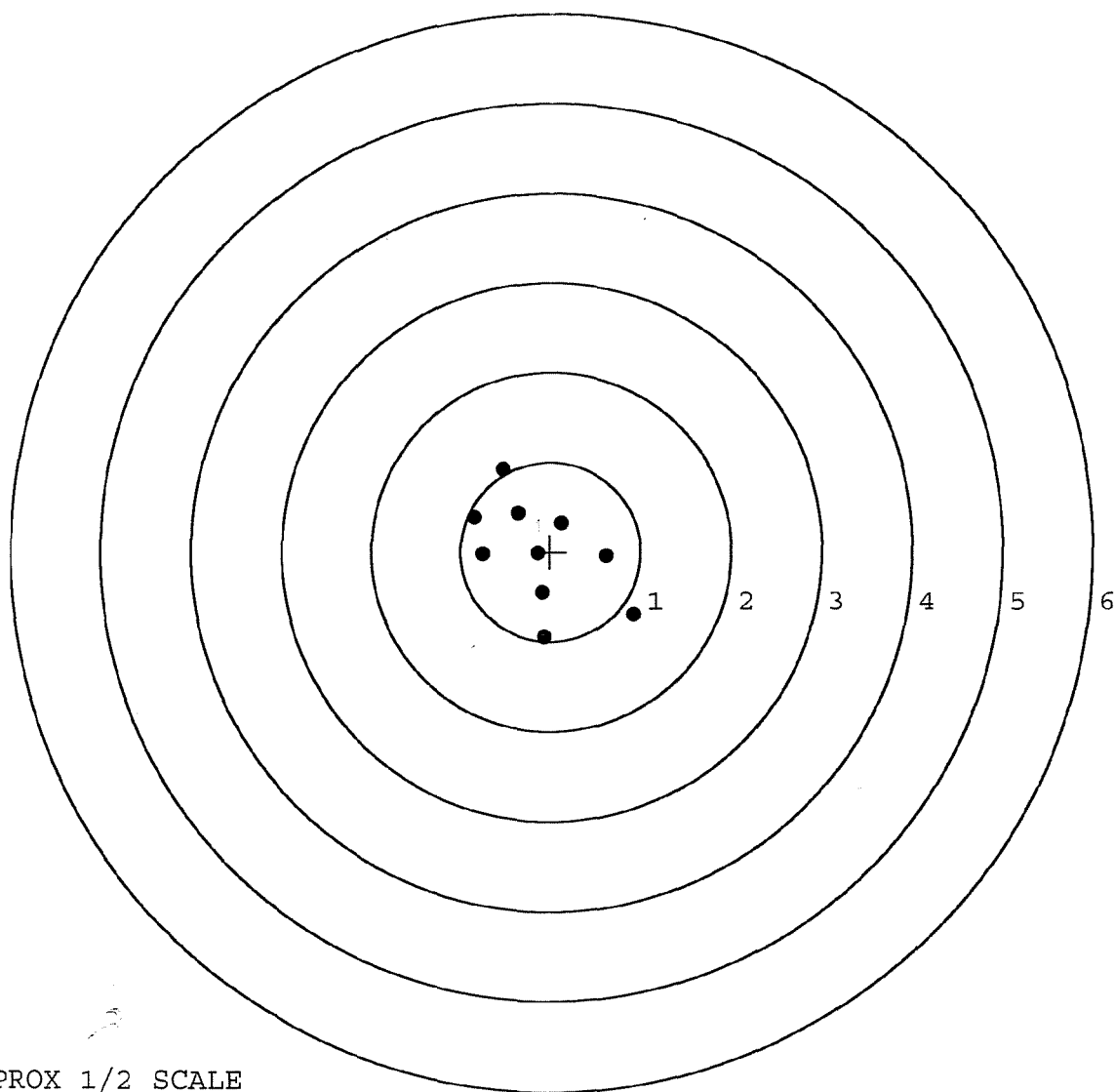
MAX RADIUS: 1.242

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



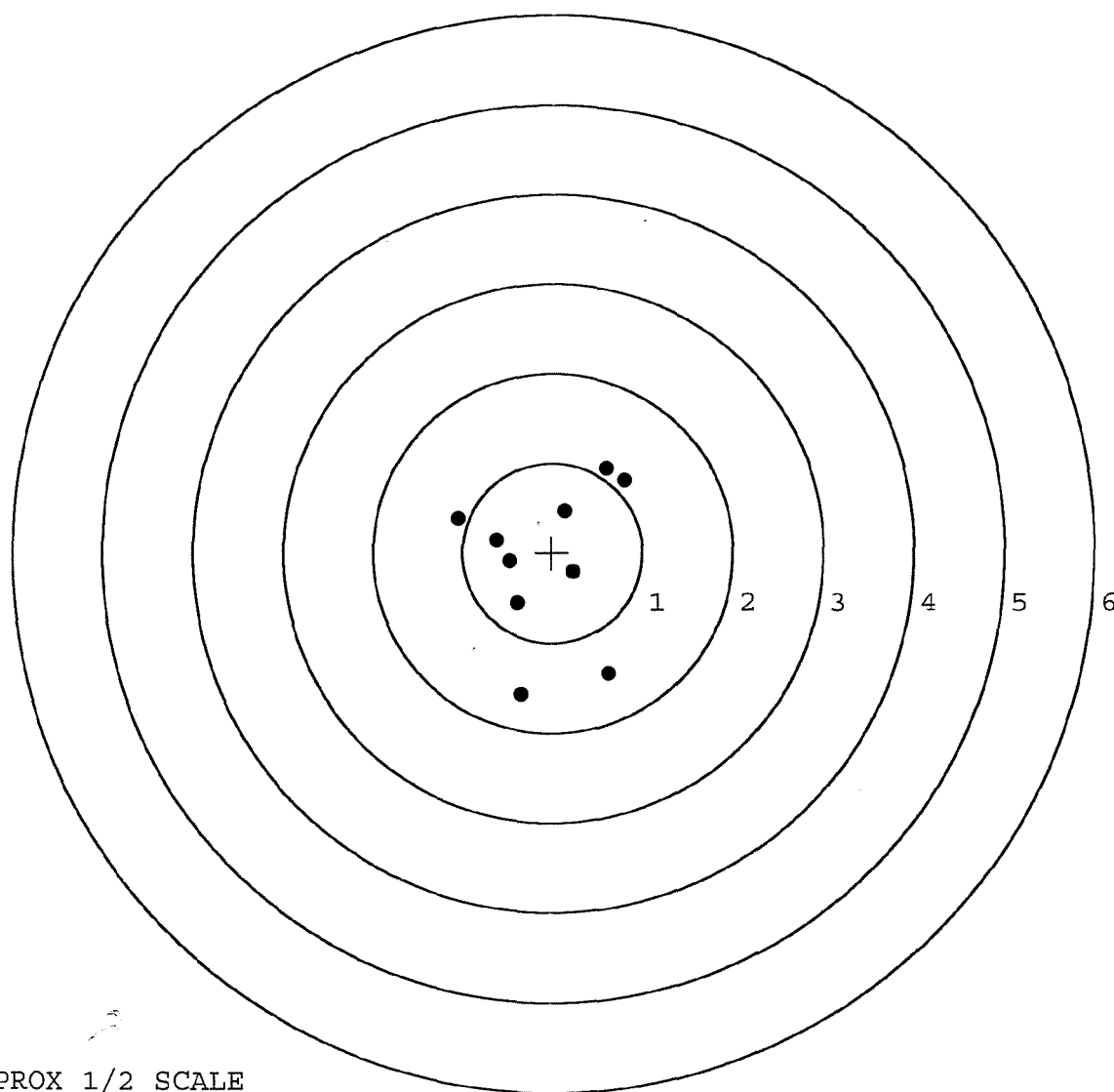
TARGET APPROX 1/2 SCALE

BARBER - M24 0089128

SERIAL NUMBER: G6535176. __0
 TARGET NUMBER: 2
 FILE DATE: 05/03/2006
 FILE TIME: 16:42

POINT#	X	Y
1:	0.803	0.811
2:	0.603	0.946
3:	0.141	0.461
4:	0.237	-0.214
5:	-1.047	0.377
6:	-0.621	0.135
7:	-0.473	-0.101
8:	-0.388	-0.562
9:	-0.340	-1.577
10:	0.630	-1.342

X CENTROID: -0.046
 Y CENTROID: -0.107
 POA TO CENTROID: 0.116
 HORZ SPREAD: 1.850
 VERT SPREAD: 2.523
 GROUP SPREAD: 2.693
 MIN RADIUS: 0.302
 MAX RADIUS: 1.500
 MEAN RADIUS: 0.903
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0089129

SERIAL NUMBER: G6535176. 0

TARGET NUMBER: 3

FILE DATE: 05/03/2006

FILE TIME: 16:42

POINT#	X	Y
1:	-0.078	0.958
2:	0.011	0.402
3:	-0.813	0.602
4:	-0.480	-0.433
5:	0.664	0.151
6:	0.394	-0.974
7:	0.427	-0.659
8:	0.139	-0.695
9:	0.413	-0.879
10:	0.431	-0.672

X CENTROID: 0.111

Y CENTROID: -0.220

POA TO CENTROID: 0.246

HORZ SPREAD: 1.477

VERT SPREAD: 1.932

GROUP SPREAD: 1.985

MIN RADIUS: 0.476

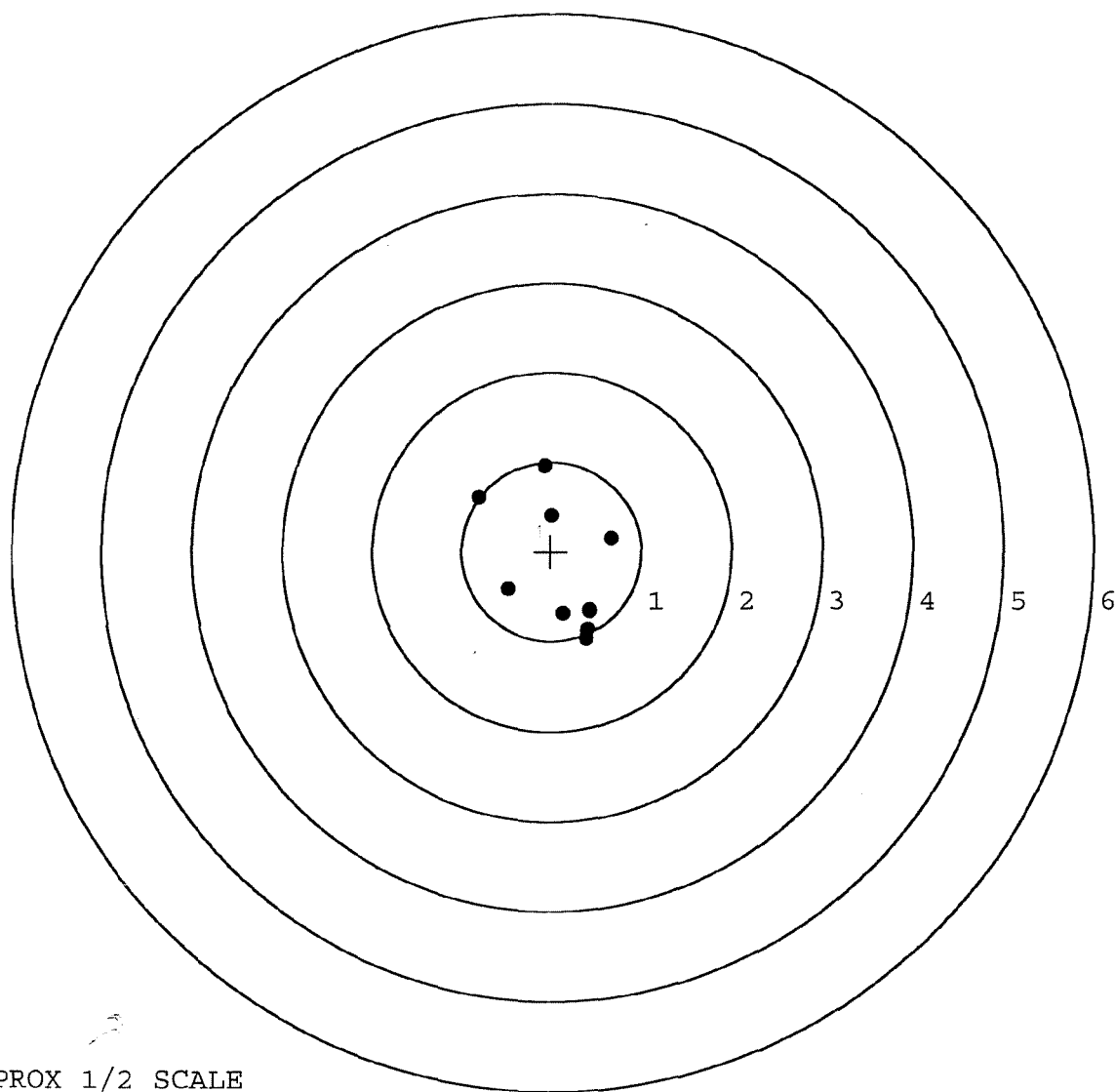
MAX RADIUS: 1.236

MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0089130

SERIAL NUMBER: G6535176. 0

TARGET NUMBER: 4

FILE DATE: 05/03/2006

FILE TIME: 16:42

POINT#	X	Y
1:	-0.119	-0.181
2:	0.230	-0.319
3:	0.736	-0.351
4:	-0.022	-0.792
5:	-0.155	-1.169
6:	-0.109	0.215
7:	-0.394	0.789
8:	-0.483	1.229
9:	-0.992	0.492
10:	-1.300	0.303

X CENTROID: -0.261

Y CENTROID: 0.022

POA TO CENTROID: 0.262

HORZ SPREAD: 2.036

VERT SPREAD: 2.398

GROUP SPREAD: 2.420

MIN RADIUS: 0.246

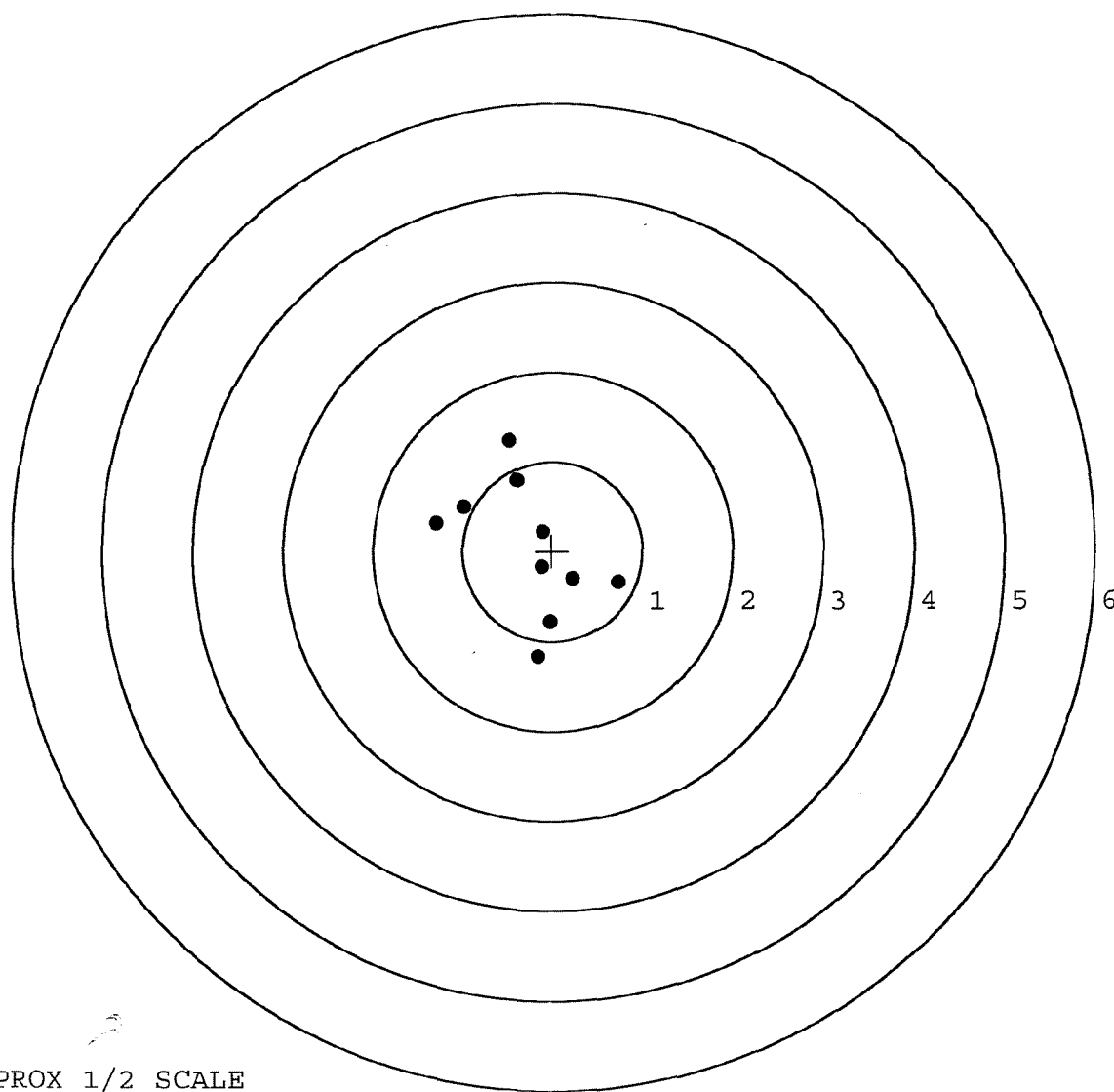
MAX RADIUS: 1.228

MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0089131

SERIAL NUMBER: G6535176. 0

TARGET NUMBER: 5

FILE DATE: 05/03/2006

FILE TIME: 16:42

POINT#	X	Y
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1:	-0.023	-0.388
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2:	-0.610	-0.657
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3:	-0.927	-0.672
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4:	0.518	-0.740
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5:	-0.098	0.165
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6:	0.139	0.301
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7:	-0.165	0.540
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8:	0.129	0.794
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9:	0.159	1.035
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10:	-0.513	1.030
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X CENTROID: -0.139

Y CENTROID: 0.141

POA TO CENTROID: 0.198

HORZ SPREAD: 1.445

VERT SPREAD: 1.775

GROUP SPREAD: 2.023

MIN RADIUS: 0.048

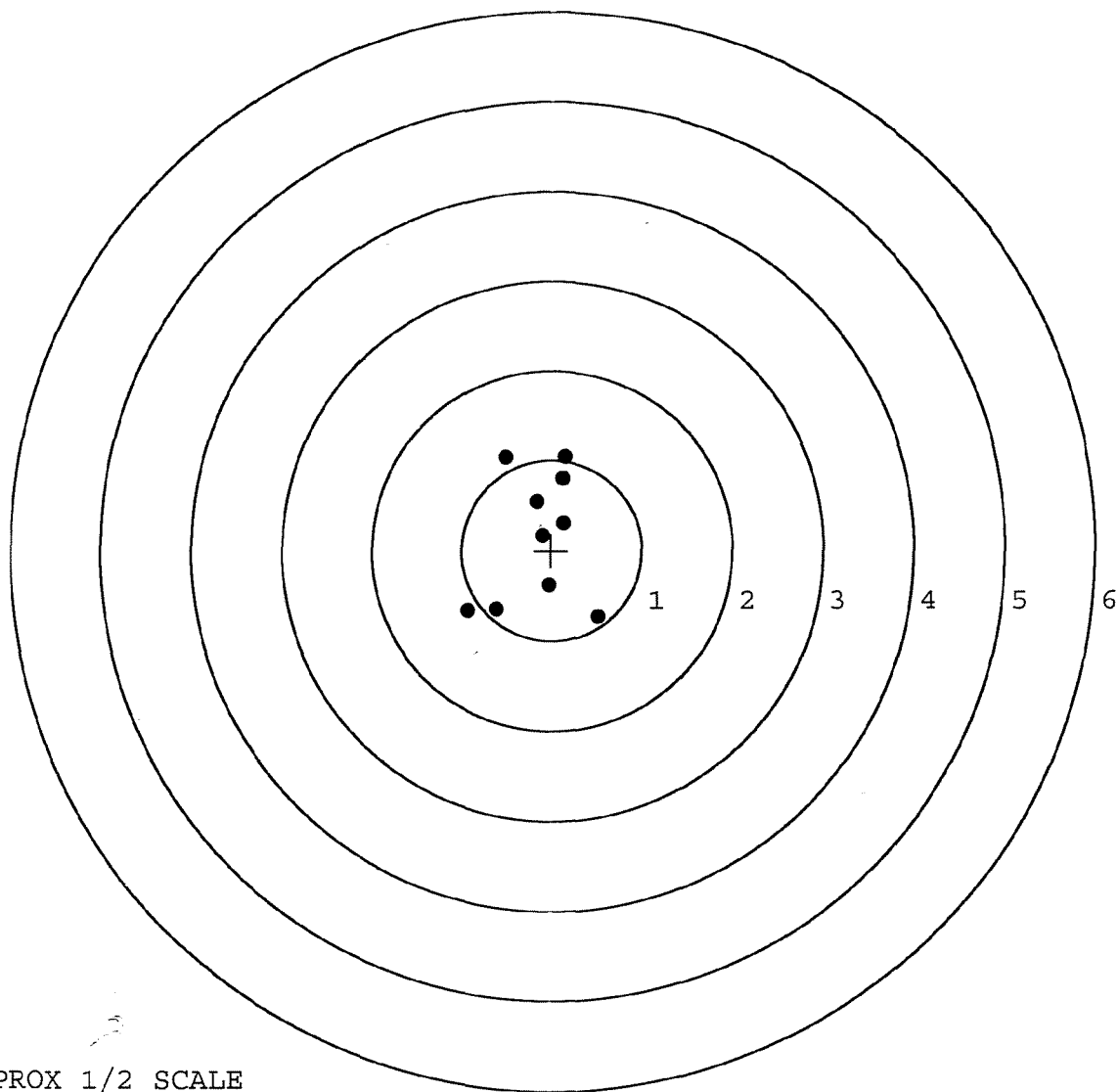
MAX RADIUS: 1.132

MEAN RADIUS: 0.708

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE