

G6577302

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



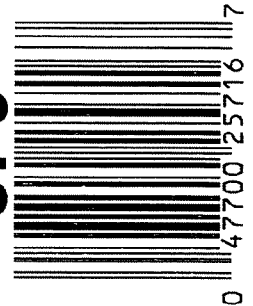
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6577302

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577302

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6-28-06	BIG
420	ASSEMBLE ACTION		7-12-06	RTZ
430	ASSEMBLE TO STOCK		7-12-06	RTZ
440	PROOF		7-17-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	7-17-06	TRW
470	DIS-ASSEMBLE ACTION	JUL 18 2006	7-17-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>curms</u>	7/18/06	curms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-18-06	CW
510	DRILL AND TAP SIGHT HOLES		7-18-06	TD BD
520	GOFF BLAST BBL / REC		7-19-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		7/21	ds
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-10-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-10-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-10-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		8-10-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-17-06	MTM

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.2</u> <u>5.2</u> <u>4.5</u>	8-16-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.2</u> <u>2.2</u>	8-16-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		8-17-06	MTM
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	8-16-06	RA
	J) ASSEMBLE STOCK		8-10-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		8-17-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-10-06	BLG
	M) IRON SIGHT ALIGNMENT		8-10-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-10-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-15-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-17-06	MTM
670	FINAL INSPECTION A) HEADSPACE		8-15-06	BD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.77</u> <u>2.73</u> <u>2.65</u> <u>2.51</u> <u>2.66</u>	8-16-06	RA
	C) FUNCTION		8-17-06	MTM
690	PACK		11/14/06	RA

F004 REV 5/2006

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 8-10-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.46		2.59	
PULL #2	2.49	2.41		2.55	
PULL #3	2.42	2.41		2.65	
PULL #4	2.49	2.39		2.61	
PULL #5	2.46	2.38		2.62	
TOTAL	12.38	12.05		13.02	
AVERAGE	2.47	2.41		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	2.99		
PULL #2	3.19	3.05		
PULL #3	3.19	3.06		
PULL #4	3.21	3.09		
PULL #5	3.21	3.14		
TOTAL	15.92	15.33		
AVERAGE	3.18	3.06		

	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	4.14	3.91		4.14
PULL #2	4.17	4.08		4.11
PULL #3	4.19	4.13		4.08
PULL #4	4.19	4.12		4.11
PULL #5	4.21	4.16		4.13
TOTAL	20.90	20.40		20.57
AVERAGE	4.18	4.08		4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577302.___0
FILE DATE AND TIME: 08/15/2006 15:17

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:	-0.106
The Average Point of Impact of the Five Target Set:	0.127
The Average Mean Radius of the Five Target Set:	0.732
The Distance from POA to Centroid Target #1:	0.448
The Distance from Centroid Target #2 to Centroid Target #1:	0.713
The Distance from Centroid Target #3 to Centroid Target #1:	0.490
The Distance from Centroid Target #4 to Centroid Target #1:	0.442
The Distance from Centroid Target #5 to Centroid Target #1:	0.498

BARBER - M24 0088173

SERIAL NUMBER: G6577302. 0

TARGET NUMBER: 1

FILE DATE: 08/15/2006

FILE TIME: 15:17

POINT#	X	Y
1:	-0.320	0.833
2:	0.067	0.254
3:	0.453	0.461
4:	0.467	0.119
5:	0.489	-0.521
6:	1.256	-1.016
7:	1.579	-0.702
8:	2.122	0.174
9:	-0.752	-0.333
10:	-1.087	-0.618

X CENTROID: 0.427

Y CENTROID: -0.135

POA TO CENTROID: 0.448

HORZ SPREAD: 3.209

VERT SPREAD: 1.849

GROUP SPREAD: 3.305

MIN RADIUS: 0.257

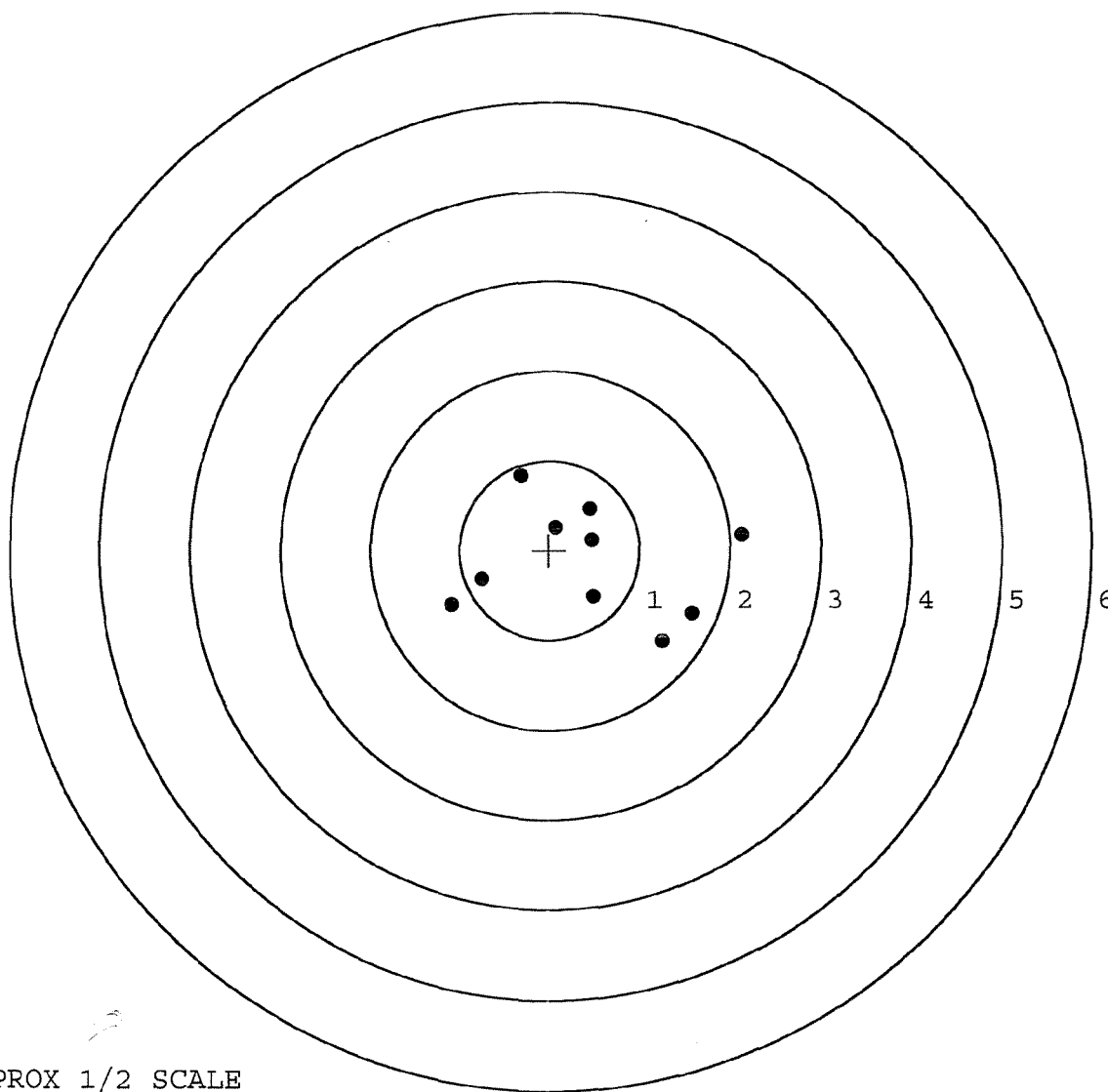
MAX RADIUS: 1.723

MEAN RADIUS: 1.000

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0088174

SERIAL NUMBER: G6577302. 0

TARGET NUMBER: 2

FILE DATE: 08/15/2006

FILE TIME: 15:17

POINT#	X	Y
1:	-0.382	-0.166
2:	-0.448	-0.619
3:	0.081	-0.329
4:	0.449	-0.065
5:	0.042	-1.003
6:	0.117	0.914
7:	0.120	1.196
8:	0.047	1.384
9:	-0.715	1.092
10:	-0.704	0.582

X CENTROID: -0.139

Y CENTROID: 0.299

POA TO CENTROID: 0.329

HORZ SPREAD: 1.164

VERT SPREAD: 2.387

GROUP SPREAD: 2.387

MIN RADIUS: 0.524

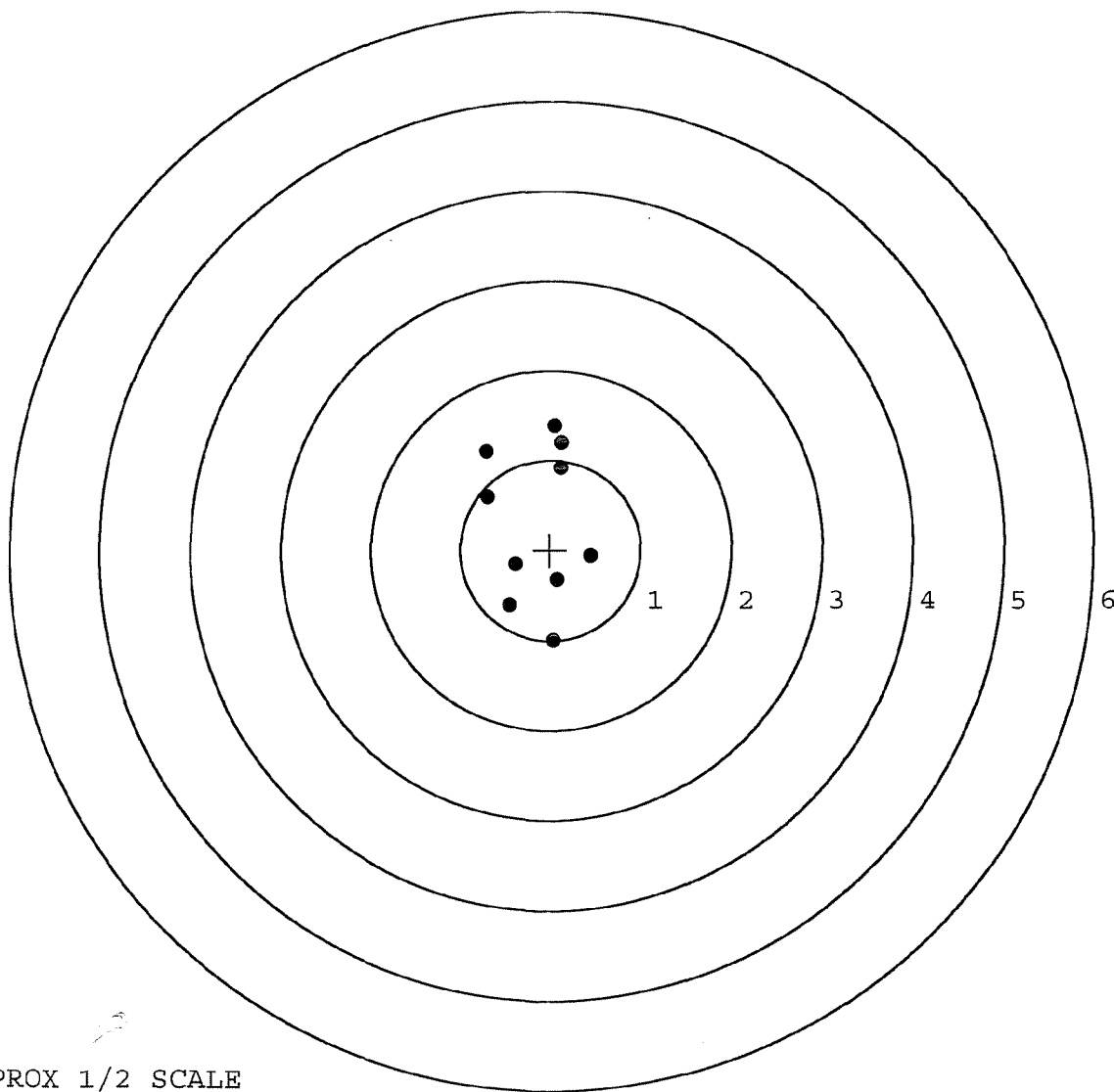
MAX RADIUS: 1.314

MEAN RADIUS: 0.848

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



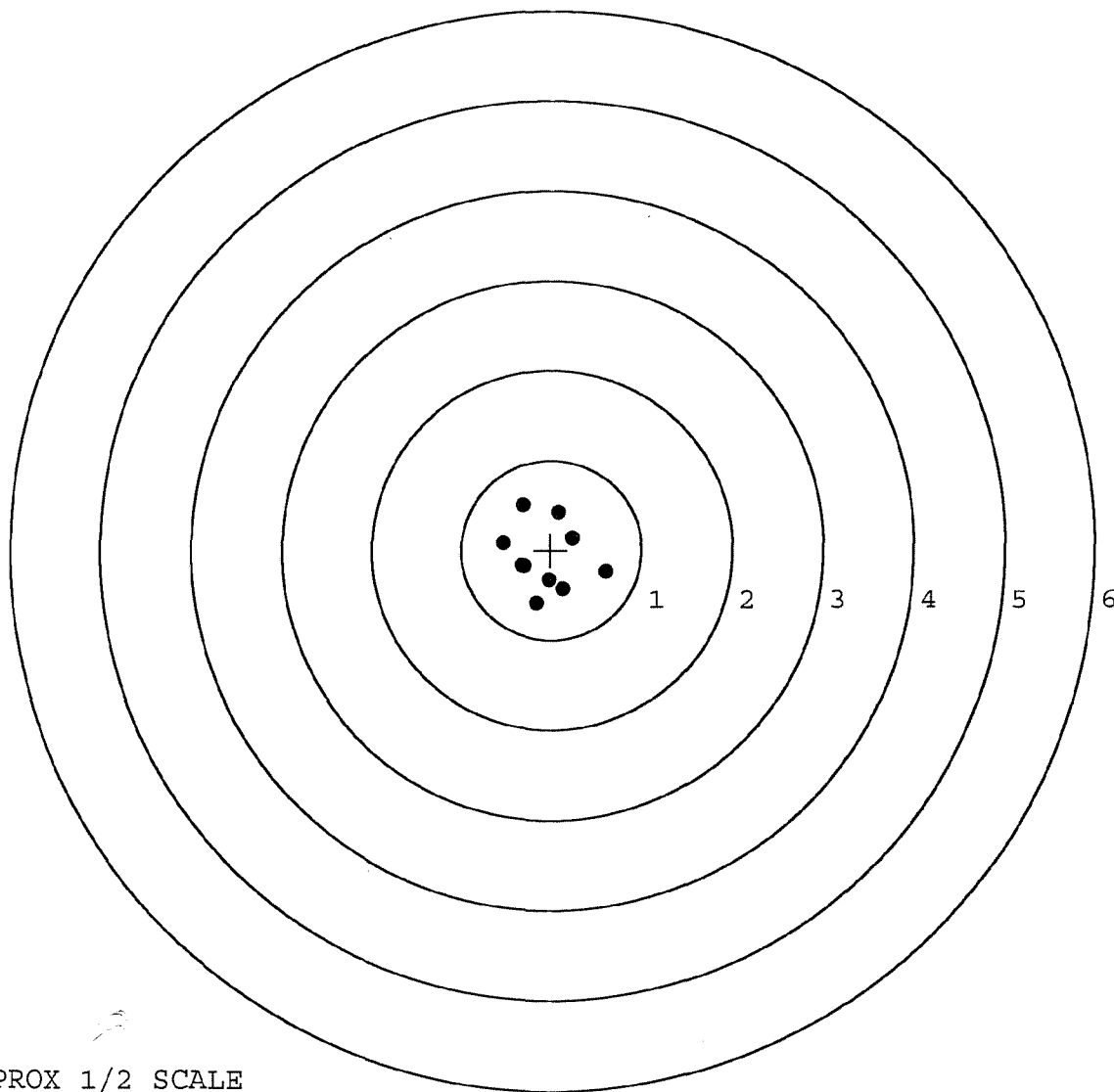
TARGET APPROX 1/2 SCALE

BARBER - M24 0088175

SERIAL NUMBER: G6577302. __0
TARGET NUMBER: 3
FILE DATE: 08/15/2006
FILE TIME: 15:17

POINT#	X	Y
1:	-0.314	0.494
2:	0.082	0.421
3:	0.235	0.137
4:	0.608	-0.245
5:	0.134	-0.437
6:	-0.165	-0.599
7:	-0.025	-0.335
8:	-0.322	-0.175
9:	-0.297	-0.183
10:	-0.532	0.076

X CENTROID: -0.060
Y CENTROID: -0.085
POA TO CENTROID: 0.103
HORZ SPREAD: 1.140
VERT SPREAD: 1.093
GROUP SPREAD: 1.184
MIN RADIUS: 0.253
MAX RADIUS: 0.687
MEAN RADIUS: 0.443
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0088176

SERIAL NUMBER: G6577302. 0

TARGET NUMBER: 4

FILE DATE: 08/15/2006

FILE TIME: 15:17

POINT#	X	Y
1:	-0.703	0.359
2:	-0.819	-0.307
3:	0.065	-0.306
4:	0.395	0.318
5:	0.768	0.487
6:	0.011	-0.740
7:	0.377	-0.903
8:	1.000	-0.782
9:	1.252	-1.693
10:	-0.450	-1.513

X CENTROID: 0.190

Y CENTROID: -0.508

POA TO CENTROID: 0.542

HORZ SPREAD: 2.071

VERT SPREAD: 2.180

GROUP SPREAD: 2.834

MIN RADIUS: 0.237

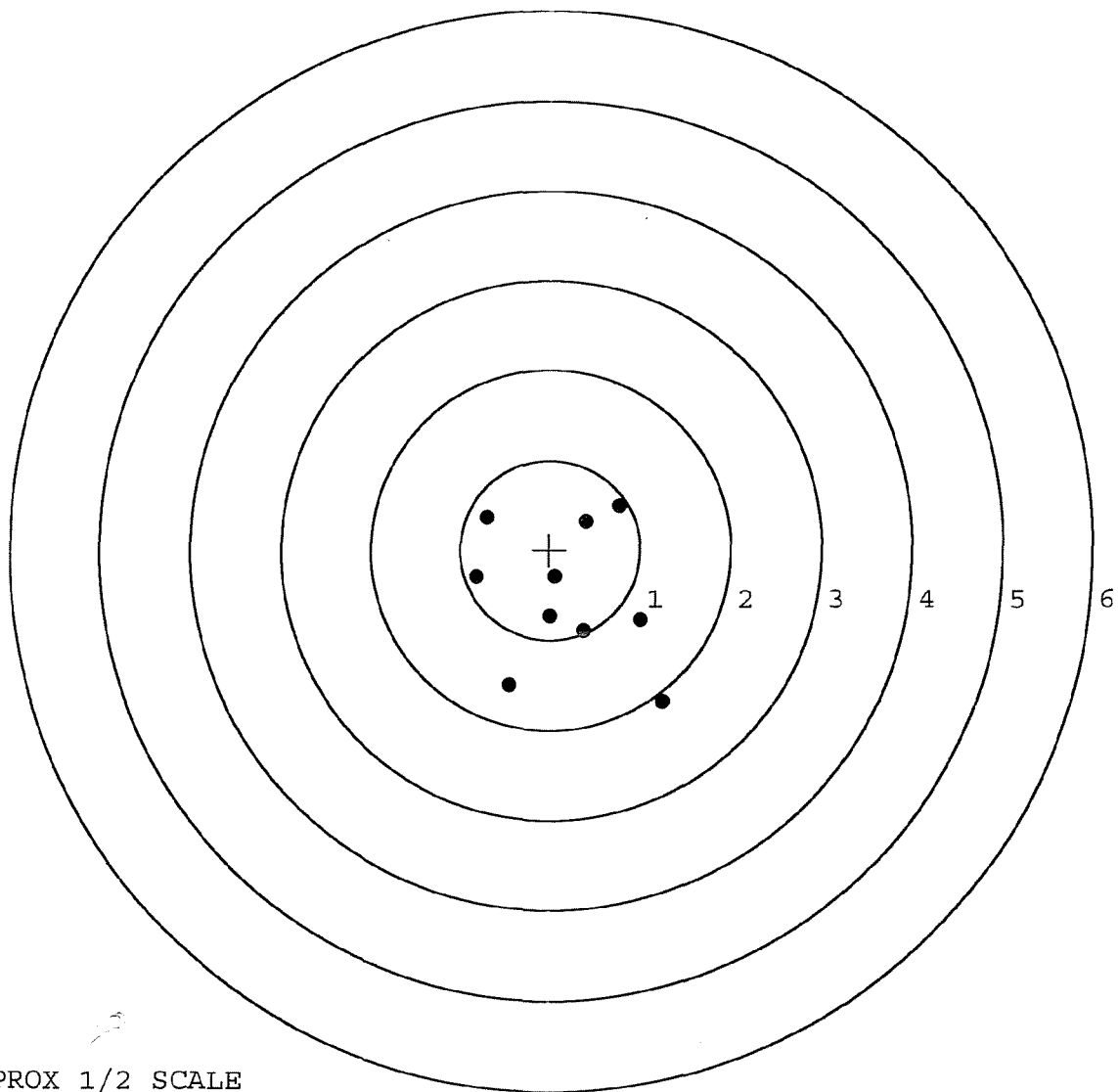
MAX RADIUS: 1.592

MEAN RADIUS: 0.888

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0088177

SERIAL NUMBER: G6577302. __0

TARGET NUMBER: 5

FILE DATE: 08/15/2006

FILE TIME: 15:17

POINT#	X	Y
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1:	-0.436	0.653
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2:	0.104	0.287
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3:	0.505	0.099
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4:	0.238	-0.173
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5:	0.059	0.028
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6:	-0.406	-0.290
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7:	-0.194	-0.603
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8:	-0.596	-1.025
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9:	-0.194	-0.072
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10:	0.221	0.068
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X CENTROID: -0.070

Y CENTROID: -0.103

POA TO CENTROID: 0.124

HORZ SPREAD: 1.101

VERT SPREAD: 1.678

GROUP SPREAD: 1.686

MIN RADIUS: 0.128

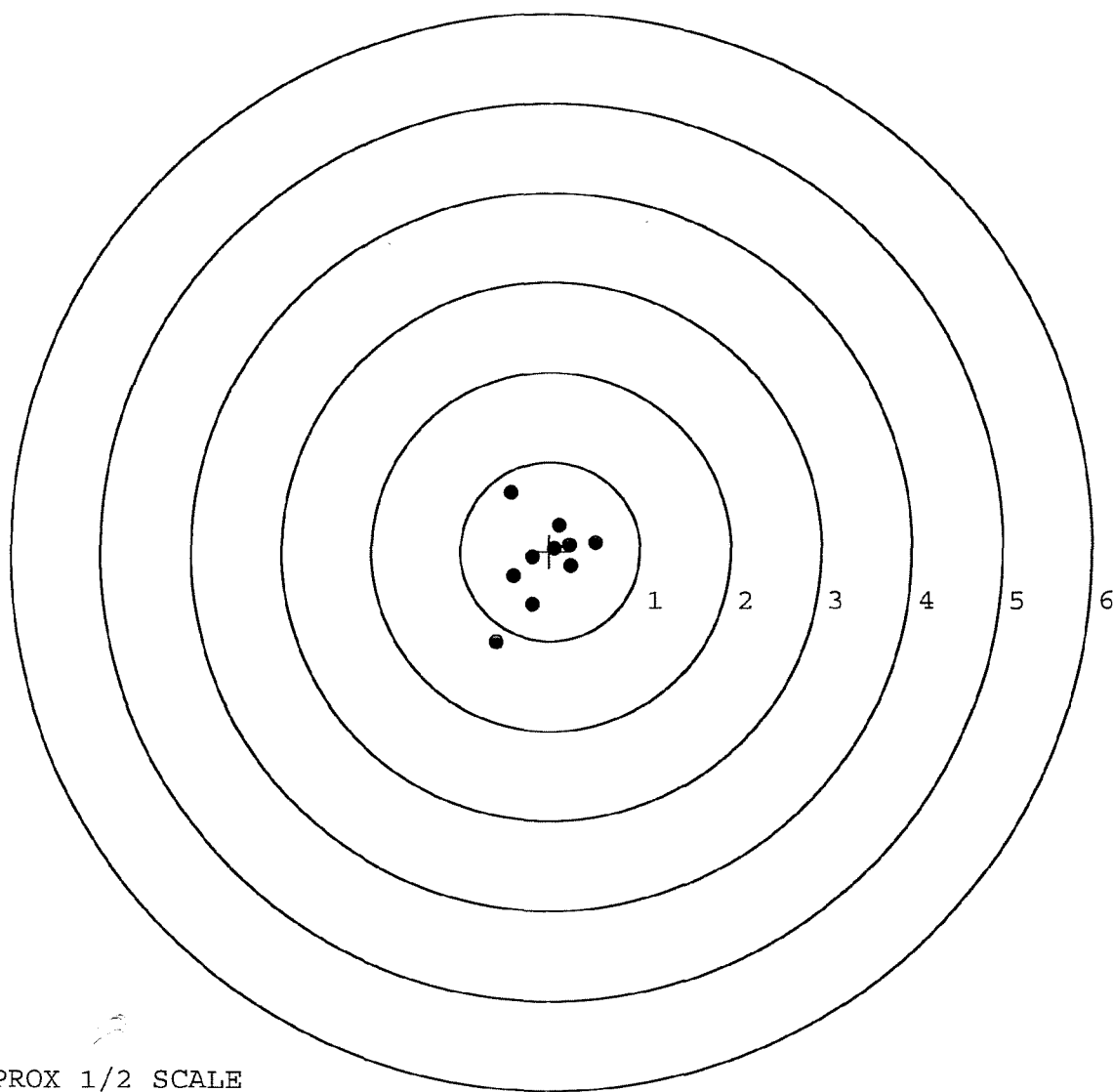
MAX RADIUS: 1.062

MEAN RADIUS: 0.480

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE