

66693264

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

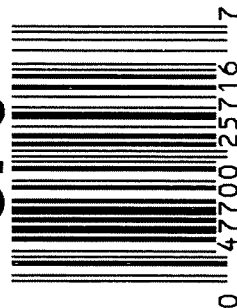
24"

CAPACITY

6

G6693264

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6693264

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		12-5-07	RTZ
600	PROOF		12-6-07	TRW
607	CHECK HEADSPACE	MAGNA - FLUX	12-6-07	TRW
610	DIS-ASSEMBLE GUN		12-6-07	RTZ
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR JB	12-10-07	JB
615	ROLLMARK CALIBER		12-07-07	CW
617	DRILL AND TAP SIGHT HOLES		12-7-07	FM
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/14/07	RB
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-20-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-20-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-20-07	DA
	D) OIL FIRING PIN ASSEMBLY		1-9-08	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1/16/08	

OP # OPERATION NAME			READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.75 TRW <u>.023</u>	6.75 TRW <u>.022</u>	6.75 TRW <u>.023</u>	1-10-08	TRW
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	2.75 RW <u>6.75</u>	2.75 TRW <u>6.75</u>	2.75 TRW <u>6.75</u>	1-10-08	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY					1/16/08	TRW
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.022</u>	<u>.023</u>	1-10-08	TRW
	J) ASSEMBLE STOCK					1-9-08	RTZ
	K) ASSEMBLE SWIVEL STUDS					1/16/08	TRW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					1/16/08	TRW
	M) IRON SIGHT ALIGNMENT					1/16/08	TRW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					1/16/08	TRW
640	GALLERY TEST AND TARGET		PASS PASS FAIL			1/9/08	TRW
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION				
645	INSPECT FOR LIVE AMMO					1-8-08	SD
655	FINAL INSPECTION A) HEADSPACE					1/16/08	TRW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.19</u>	<u>2.11</u>	<u>2.15</u> <u>2.09</u> <u>2.22</u>	1-10-08	TRW
	C) FUNCTION					1/16/08	TRW
660	PACK					1-24-08	DA

BARBER - M24 0176769
**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 12-21-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.44	2.36		2.12	
PULL #2	2.51	2.33		2.74	
PULL #3	2.24	2.34		2.15	
PULL #4	2.34	2.66		2.37	
PULL #5	2.51	2.57		2.45	
TOTAL	12.04	12.26		11.83	
AVERAGE	2.40	2.45		2.36	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.00		
PULL #2	3.35	3.02		
PULL #3	3.22	3.09		
PULL #4	3.50	3.12		
PULL #5	3.32	3.05		
TOTAL	16.87	15.28		
AVERAGE	3.37	3.05		

	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	4.17	4.47		4.36
PULL #2	4.43	4.10		4.53
PULL #3	4.35	4.36		4.31
PULL #4	4.32	4.23		4.54
PULL #5	4.39	4.06		4.52
TOTAL	21.66	21.22		22.26
AVERAGE	4.33	4.24		4.45

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693264.___0
FILE DATE AND TIME: 01/10/2008 05:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.044
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.371
The Distance from Centroid Target #2 to Centroid Target #1:	0.399
The Distance from Centroid Target #3 to Centroid Target #1:	0.466
The Distance from Centroid Target #4 to Centroid Target #1:	0.441
The Distance from Centroid Target #5 to Centroid Target #1:	0.461

BARBER - M24 0176771

SERIAL NUMBER: G6693264. 0

TARGET NUMBER: 1

FILE DATE: 01/10/2008

FILE TIME: 05:10

POINT#	X	Y
1:	0.734	0.403
2:	0.504	0.348
3:	-0.096	0.721
4:	-0.313	0.301
5:	0.122	-0.523
6:	-0.238	-0.600
7:	-0.533	-0.437
8:	-0.897	-0.874
9:	2.042	0.347
10:	2.309	1.051

X CENTROID: 0.363

Y CENTROID: 0.074

POA TO CENTROID: 0.371

HORZ SPREAD: 3.206

VERT SPREAD: 1.925

GROUP SPREAD: 3.740

MIN RADIUS: 0.308

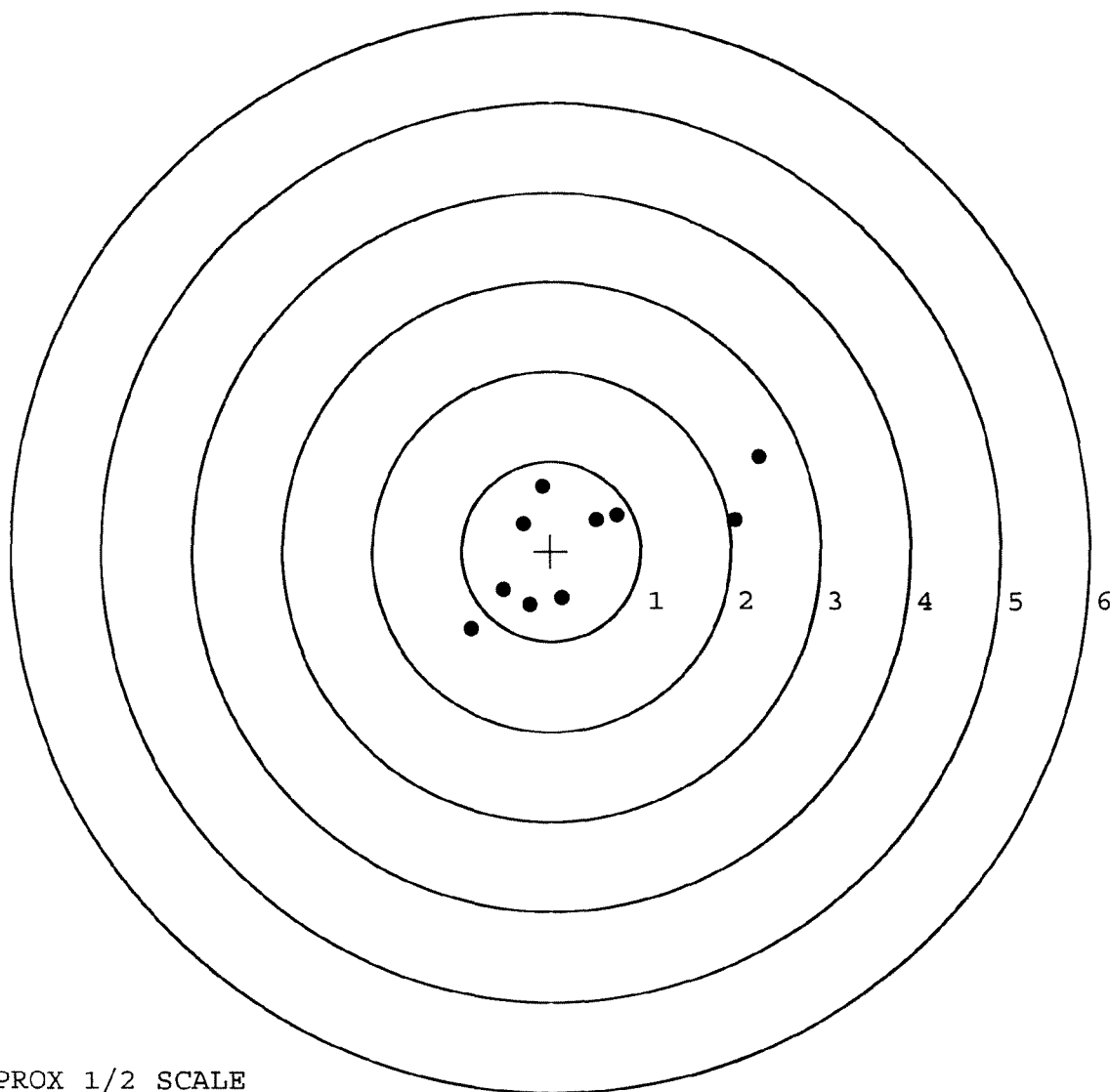
MAX RADIUS: 2.177

MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0176772

SERIAL NUMBER: G6693264. __ 0

TARGET NUMBER: 2

FILE DATE: 01/10/2008

FILE TIME: 05:10

POINT#	X	Y
1:	0.578	-0.840
2:	1.042	-0.195
3:	0.569	0.206
4:	-0.052	-0.157
5:	0.059	-0.790
6:	0.210	0.723
7:	-0.102	1.224
8:	-0.899	0.064
9:	-0.867	-0.054
10:	-0.813	-0.255

X CENTROID: -0.028

Y CENTROID: -0.007

POA TO CENTROID: 0.028

HORZ SPREAD: 1.941

VERT SPREAD: 2.064

GROUP SPREAD: 2.173

MIN RADIUS: 0.152

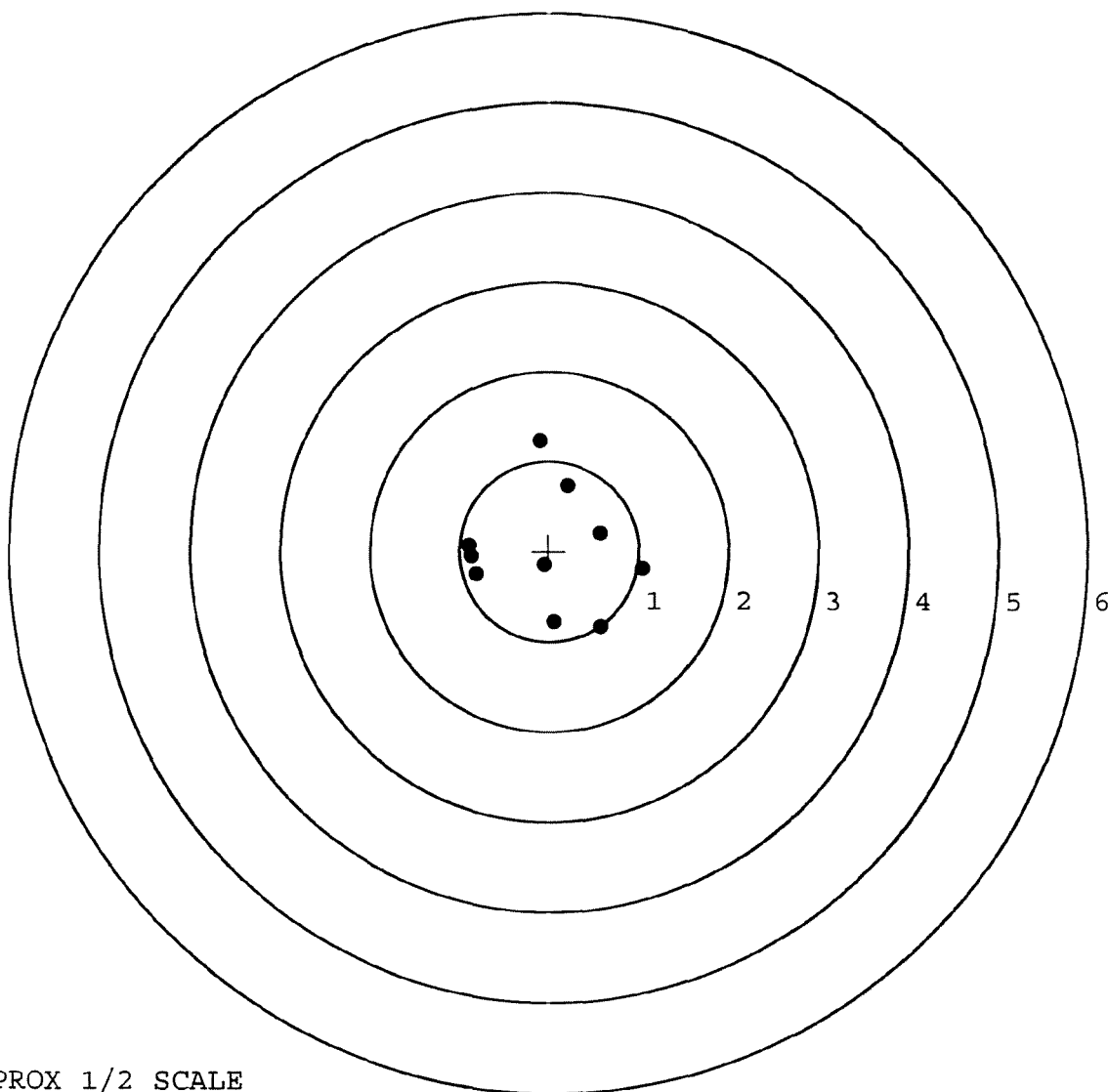
MAX RADIUS: 1.234

MEAN RADIUS: 0.823

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



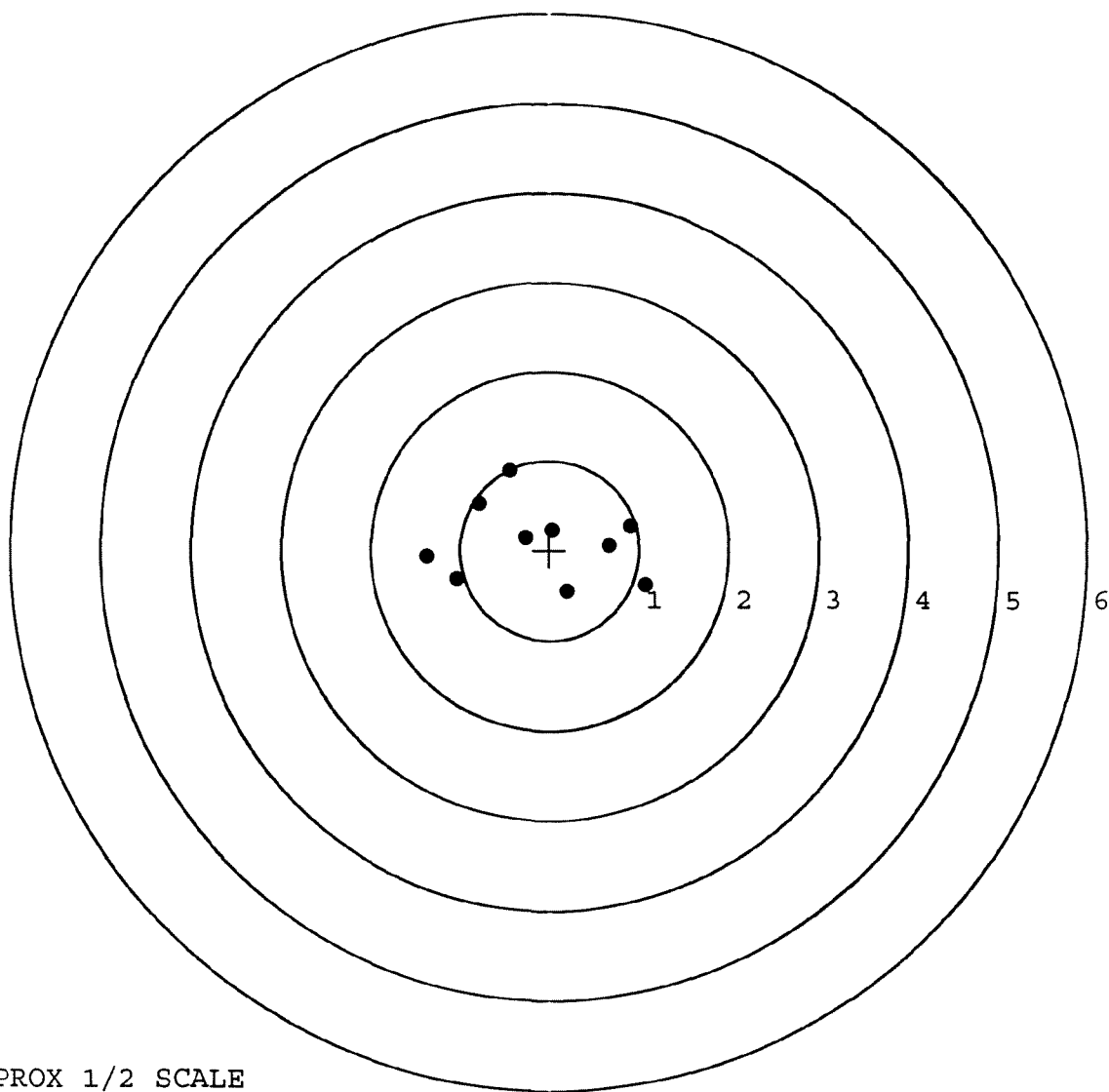
TARGET APPROX 1/2 SCALE

BARBER - M24 0176773

SERIAL NUMBER: G6693264. __0
 TARGET NUMBER: 3
 FILE DATE: 01/10/2008
 FILE TIME: 05:10

POINT#	X	Y
1:	1.068	-0.392
2:	0.668	0.049
3:	0.905	0.264
4:	0.199	-0.456
5:	0.038	0.223
6:	-0.268	0.137
7:	-0.446	0.883
8:	-0.786	0.517
9:	-1.034	-0.322
10:	-1.373	-0.078

X CENTROID: -0.103
 Y CENTROID: 0.082
 POA TO CENTROID: 0.132
 HORZ SPREAD: 2.441
 VERT SPREAD: 1.339
 GROUP SPREAD: 2.461
 MIN RADIUS: 0.174
 MAX RADIUS: 1.280
 MEAN RADIUS: 0.803
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0176774

SERIAL NUMBER: G6693264. 0

TARGET NUMBER: 4

FILE DATE: 01/10/2008

FILE TIME: 05:10

POINT#	X	Y
1:	0.805	0.202
2:	-0.004	-0.997
3:	-0.114	-0.488
4:	-0.642	-0.302
5:	-0.587	-0.043
6:	-0.222	0.328
7:	-0.650	1.484
8:	0.419	0.002
9:	0.225	-0.153
10:	0.045	0.052

X CENTROID: -0.073

Y CENTROID: 0.008

POA TO CENTROID: 0.073

HORZ SPREAD: 1.455

VERT SPREAD: 2.481

GROUP SPREAD: 2.564

MIN RADIUS: 0.125

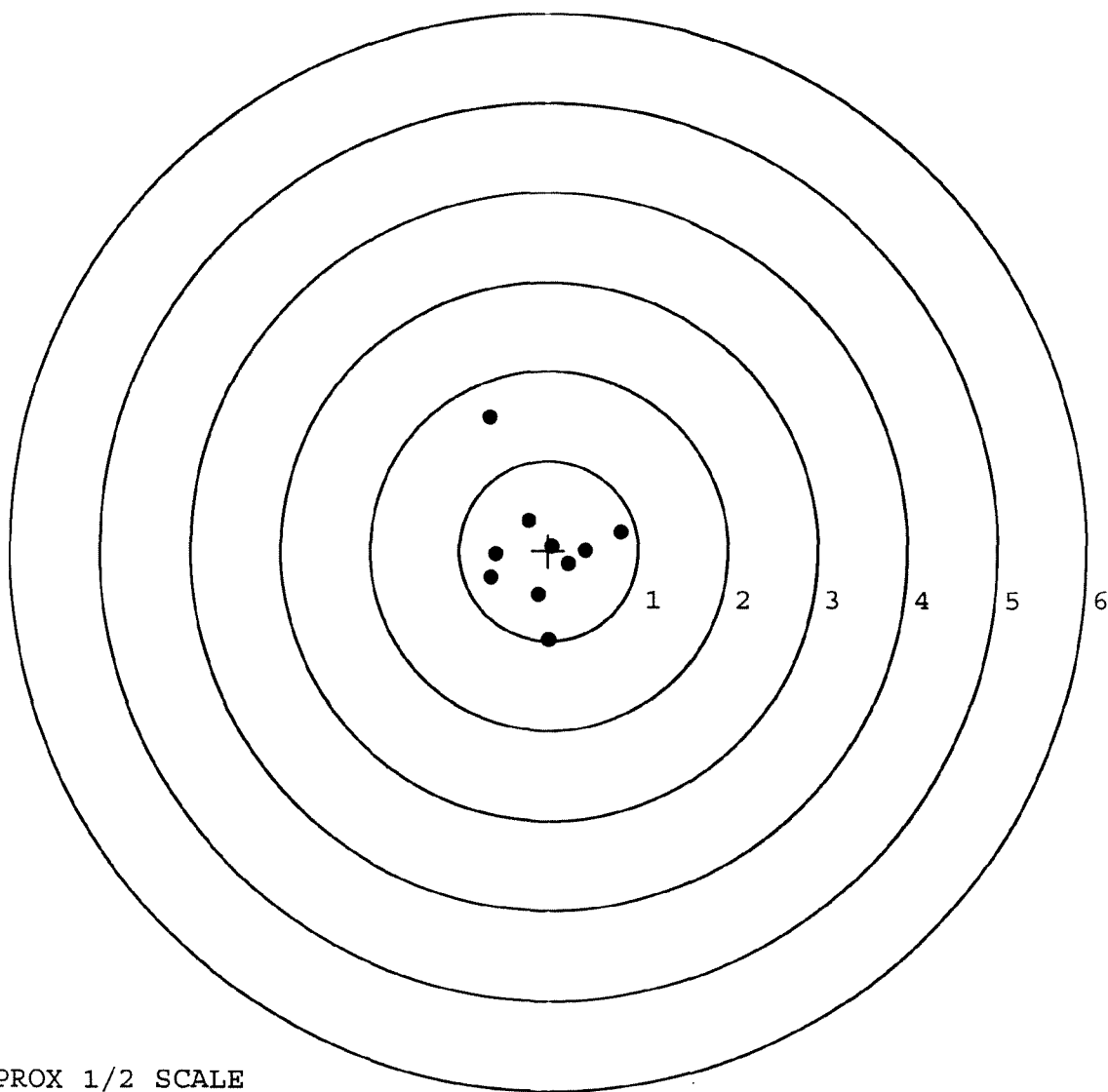
MAX RADIUS: 1.584

MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



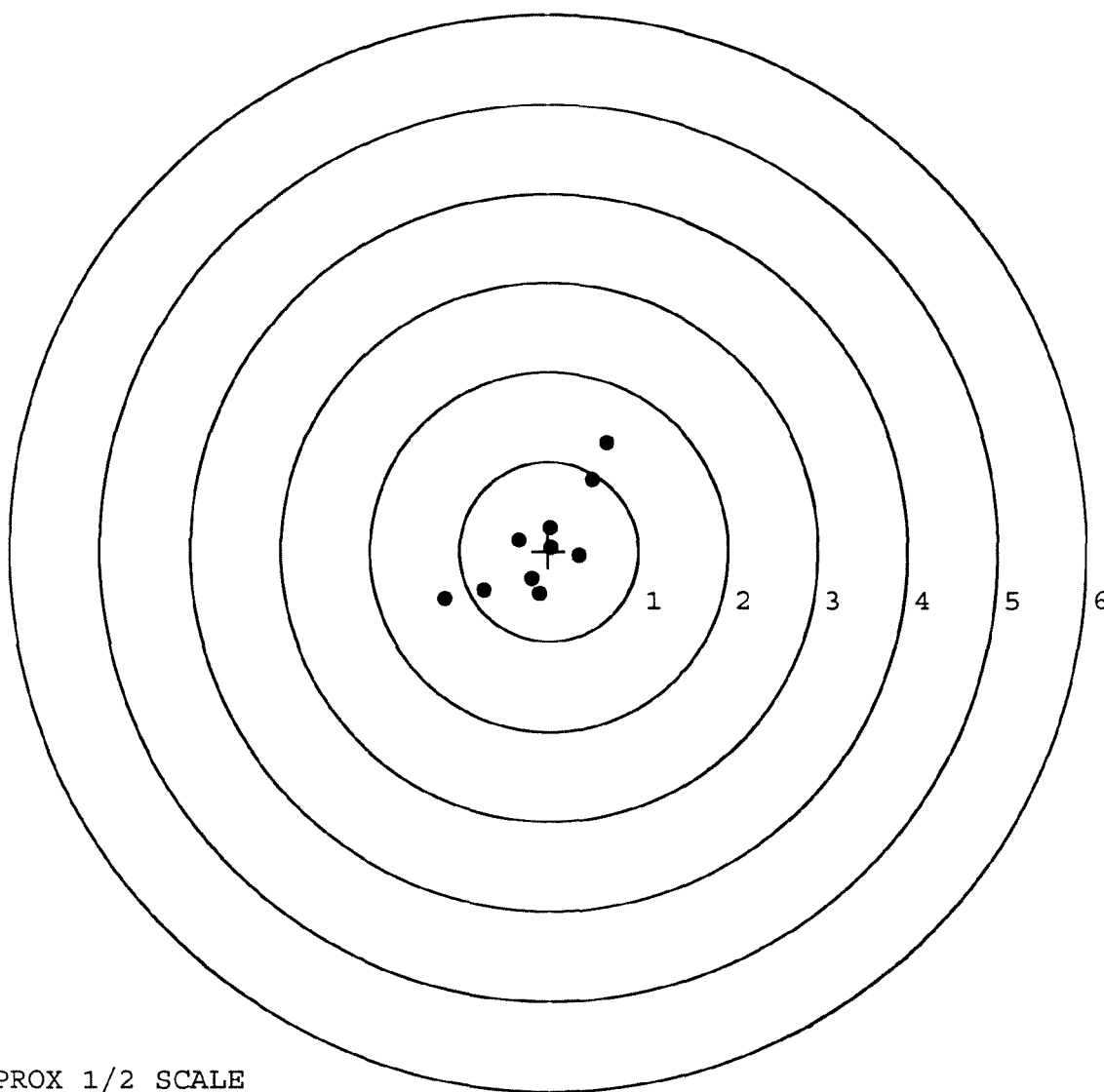
TARGET APPROX 1/2 SCALE

BARBER - M24 0176775

SERIAL NUMBER: G6693264. __0
 TARGET NUMBER: 5
 FILE DATE: 01/10/2008
 FILE TIME: 05:10

POINT#	X	Y
1:	0.659	1.210
2:	0.489	0.804
3:	-0.723	-0.436
4:	-1.165	-0.535
5:	0.341	-0.051
6:	-0.103	-0.479
7:	-0.187	-0.313
8:	0.031	0.045
9:	0.023	0.263
10:	-0.337	0.126

X CENTROID: -0.097
 Y CENTROID: 0.063
 POA TO CENTROID: 0.116
 HORZ SPREAD: 1.824
 VERT SPREAD: 1.745
 GROUP SPREAD: 2.524
 MIN RADIUS: 0.130
 MAX RADIUS: 1.374
 MEAN RADIUS: 0.634
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE