

GC35188

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



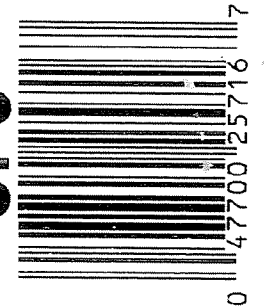
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6635188

UPC



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

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UPC



SERIAL NO.



GUN SERIAL # G6635188

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		3-12-07	SPD
430	ASSEMBLE TO STOCK		3-12-07	SPD
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 16 2007	3-15-07	KJL
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmbs</u>	3/16/07	<u>mmbs</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-16-07	CW
510	DRILL AND TAP SIGHT HOLES		3-16-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3/23/07	RB
560	RE-ASSEMBLE ACTION		3-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/27/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	<u>mm</u>

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.75</u> <u>8.5</u> <u>8.75</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>2.5</u> <u>2.75</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.025</u> <u>.0245</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/27/07	SLD
	K) ASSEMBLE SWIVEL STUDS		4/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/10/07	non
	M) IRON SIGHT ALIGNMENT		4/10/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/10/07	non
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL	4/4/07	non
650	TARGET	<u>PASS</u> FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-4-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.39</u> <u>2.37</u> <u>2.31</u> <u>2.40</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4-16-07	BA

F004 REV 5/2006

BARBER - M24 0143295
**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 3/27/07

TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.39	2.42		2.44	
PULL #2	2.41	2.33		2.52	
PULL #3	2.49	2.37		2.44	
PULL #4	2.41	2.38		2.55	
PULL #5	2.43	2.77		2.59	
TOTAL	12.53	12.27		12.54	
AVERAGE	2.51	2.45		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.93	3.00		
PULL #2	2.94	3.03		
PULL #3	2.96	2.95		
PULL #4	2.90	2.99		
PULL #5	2.94	3.03		
TOTAL	14.67	15.00		
AVERAGE	2.93	3.00		

	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	3.97	4.10		4.02
PULL #2	3.98	3.99		3.97
PULL #3	4.03	3.97		4.00
PULL #4	4.14	4.17		3.98
PULL #5	4.13	4.11		3.97
TOTAL	20.25	20.34		19.94
AVERAGE	4.05	4.07		3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635188.___0
FILE DATE AND TIME: 04/04/2007 23:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	0.026
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.716
The Distance from POA to Centroid Target #1:	0.119
The Distance from Centroid Target #2 to Centroid Target #1:	0.399
The Distance from Centroid Target #3 to Centroid Target #1:	0.109
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.370

BARBER - M24 0143297

SERIAL NUMBER: G6635188. 0

TARGET NUMBER: 1

FILE DATE: 04/04/2007

FILE TIME: 23:43

POINT#	X	Y
1:	0.238	1.532
2:	0.003	0.640
3:	0.284	0.610
4:	-0.496	0.535
5:	-0.239	0.305
6:	-0.667	0.199
7:	0.226	-0.230
8:	0.771	-0.720
9:	-0.305	-0.970
10:	0.813	-2.911

X CENTROID: 0.063

Y CENTROID: -0.101

POA TO CENTROID: 0.119

HORZ SPREAD: 1.480

VERT SPREAD: 4.443

GROUP SPREAD: 4.480

MIN RADIUS: 0.208

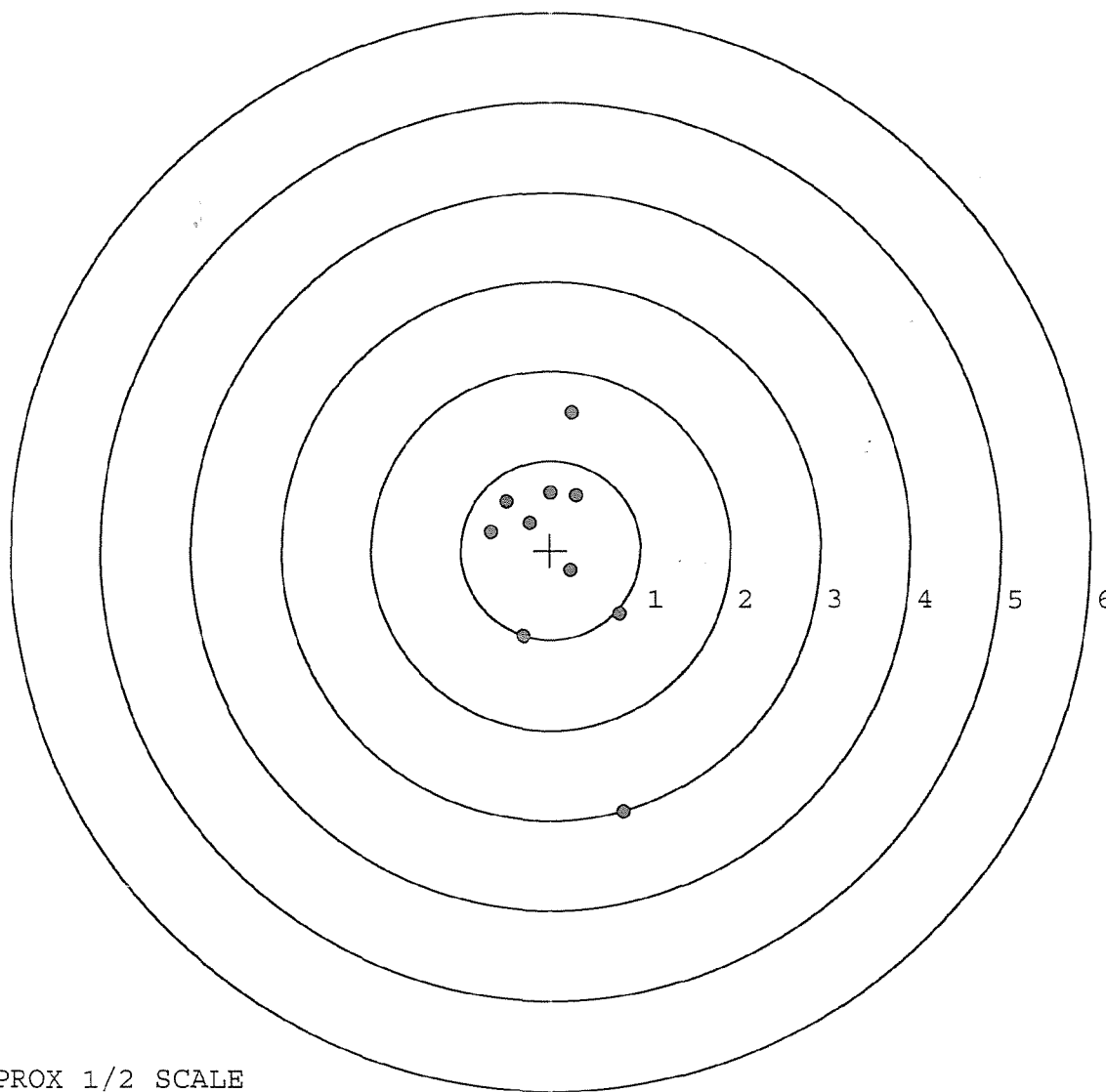
MAX RADIUS: 2.908

MEAN RADIUS: 1.027

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0143298

SERIAL NUMBER: G6635188. 0

TARGET NUMBER: 2

FILE DATE: 04/04/2007

FILE TIME: 23:43

POINT#	X	Y
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1:	-1.059	1.068
----	--------	-------

2:	-0.031	0.608
----	--------	-------

3:	-0.294	0.455
----	--------	-------

4:	-0.726	0.170
----	--------	-------

5:	-0.376	0.157
----	--------	-------

6:	-0.434	-0.136
----	--------	--------

7:	-0.265	-0.408
----	--------	--------

8:	0.114	-0.426
----	-------	--------

9:	1.122	-0.087
----	-------	--------

10:	-0.514	0.113
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X CENTROID: -0.246

Y CENTROID: 0.151

POA TO CENTROID: 0.289

HORZ SPREAD: 2.181

VERT SPREAD: 1.494

GROUP SPREAD: 2.468

MIN RADIUS: 0.130

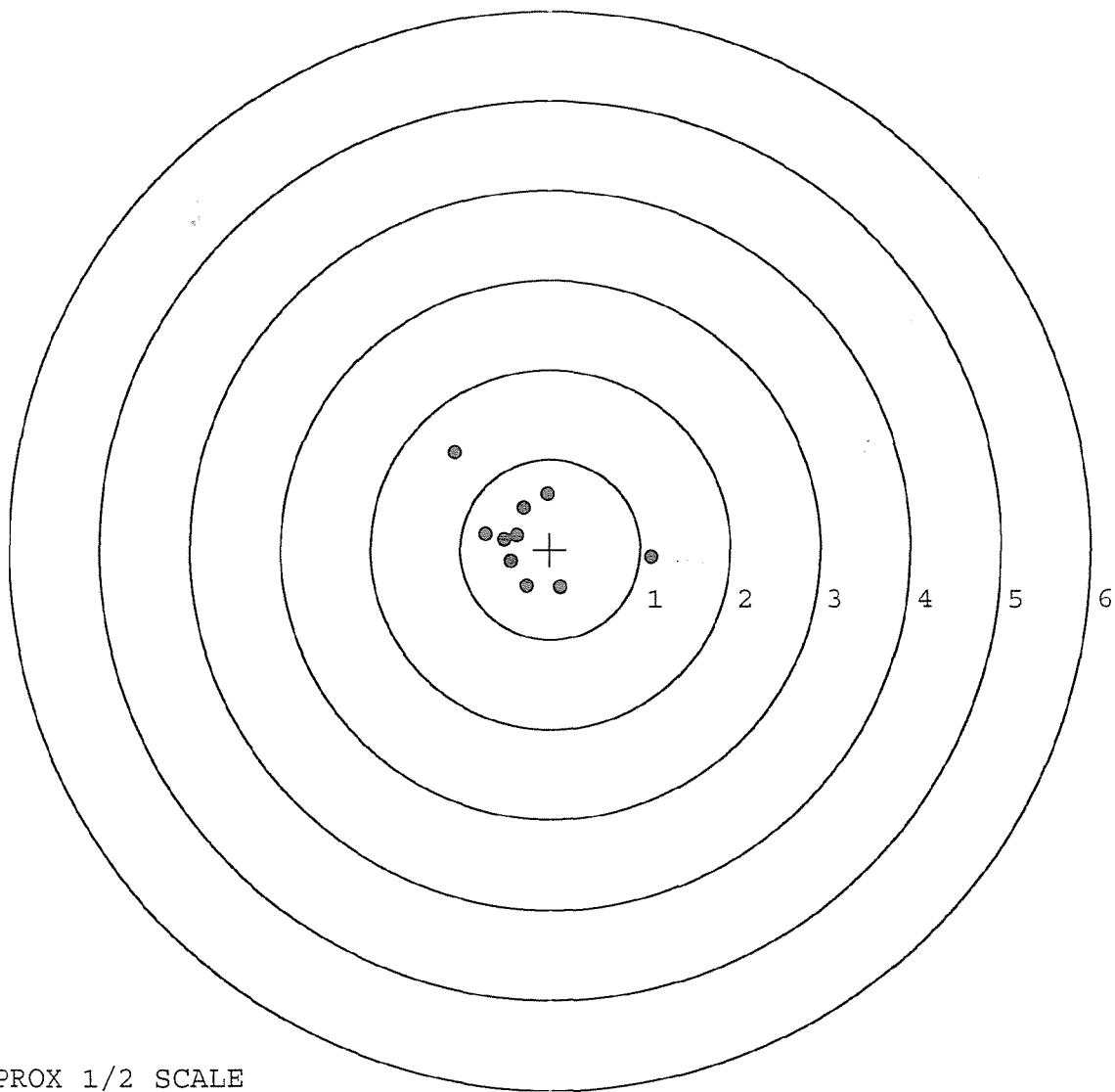
MAX RADIUS: 1.389

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143299

SERIAL NUMBER: G6635188. __0

TARGET NUMBER: 3

FILE DATE: 04/04/2007

FILE TIME: 23:43

POINT#	X	Y
1:	-1.242	-0.492
2:	0.752	-0.914
3:	-0.470	-0.205
4:	-0.385	-0.514
5:	-0.020	-0.359
6:	0.158	-0.159
7:	0.580	-0.162
8:	0.484	0.172
9:	0.309	0.478
10:	-0.099	0.209

X CENTROID: 0.007

Y CENTROID: -0.195

POA TO CENTROID: 0.195

HORZ SPREAD: 1.994

VERT SPREAD: 1.392

GROUP SPREAD: 2.038

MIN RADIUS: 0.155

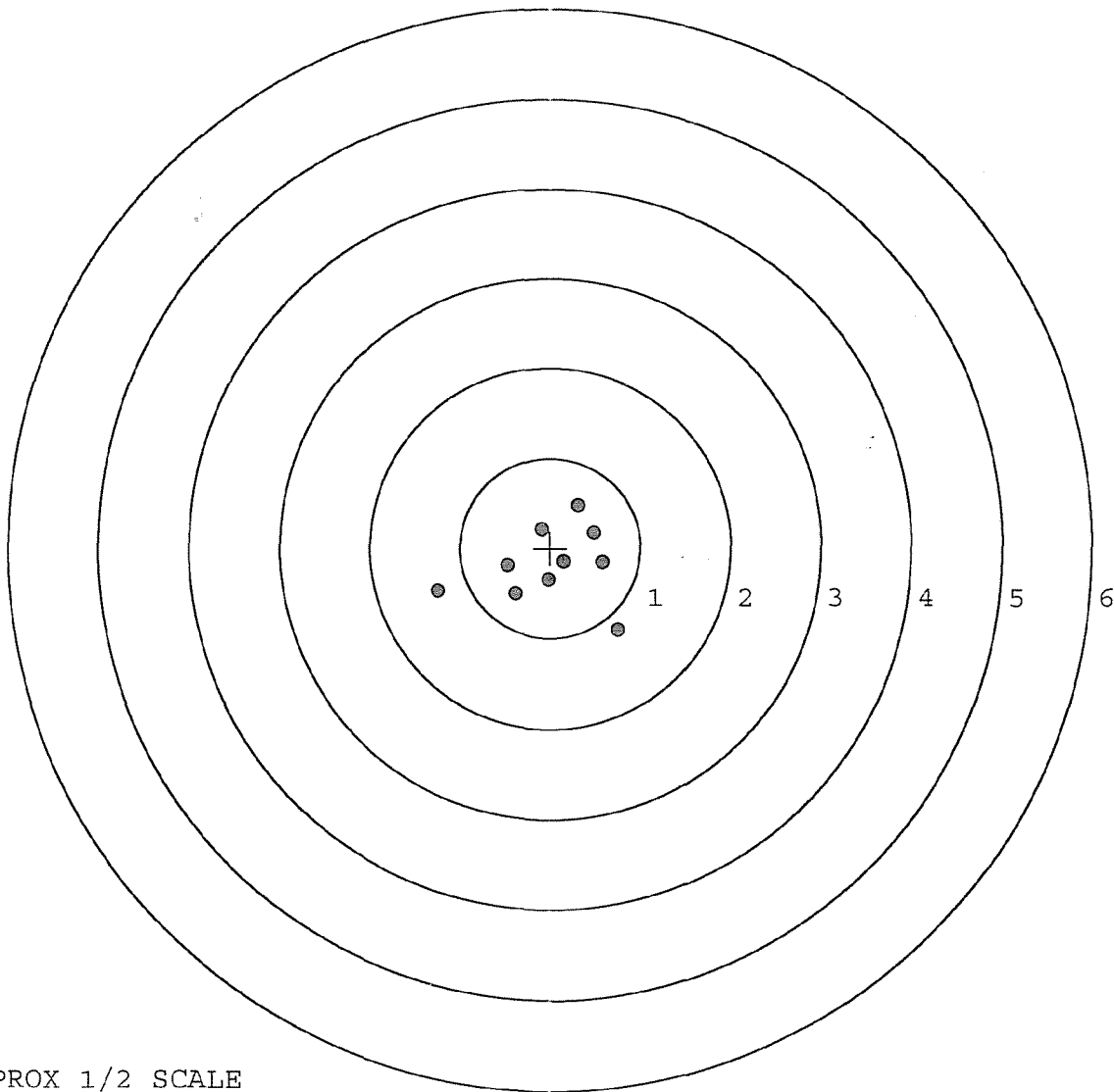
MAX RADIUS: 1.284

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143300

SERIAL NUMBER: G6635188. __0

TARGET NUMBER: 4

FILE DATE: 04/04/2007

FILE TIME: 23:43

POINT#	X	Y
1:	-0.007	1.076
2:	-0.537	0.293
3:	-0.311	0.094
4:	0.839	-0.167
5:	0.295	0.513
6:	0.302	0.154
7:	0.250	-0.017
8:	0.138	-0.229
9:	-0.040	-0.572
10:	-0.100	-0.984

X CENTROID: 0.083

Y CENTROID: 0.016

POA TO CENTROID: 0.084

HORZ SPREAD: 1.376

VERT SPREAD: 2.060

GROUP SPREAD: 2.062

MIN RADIUS: 0.170

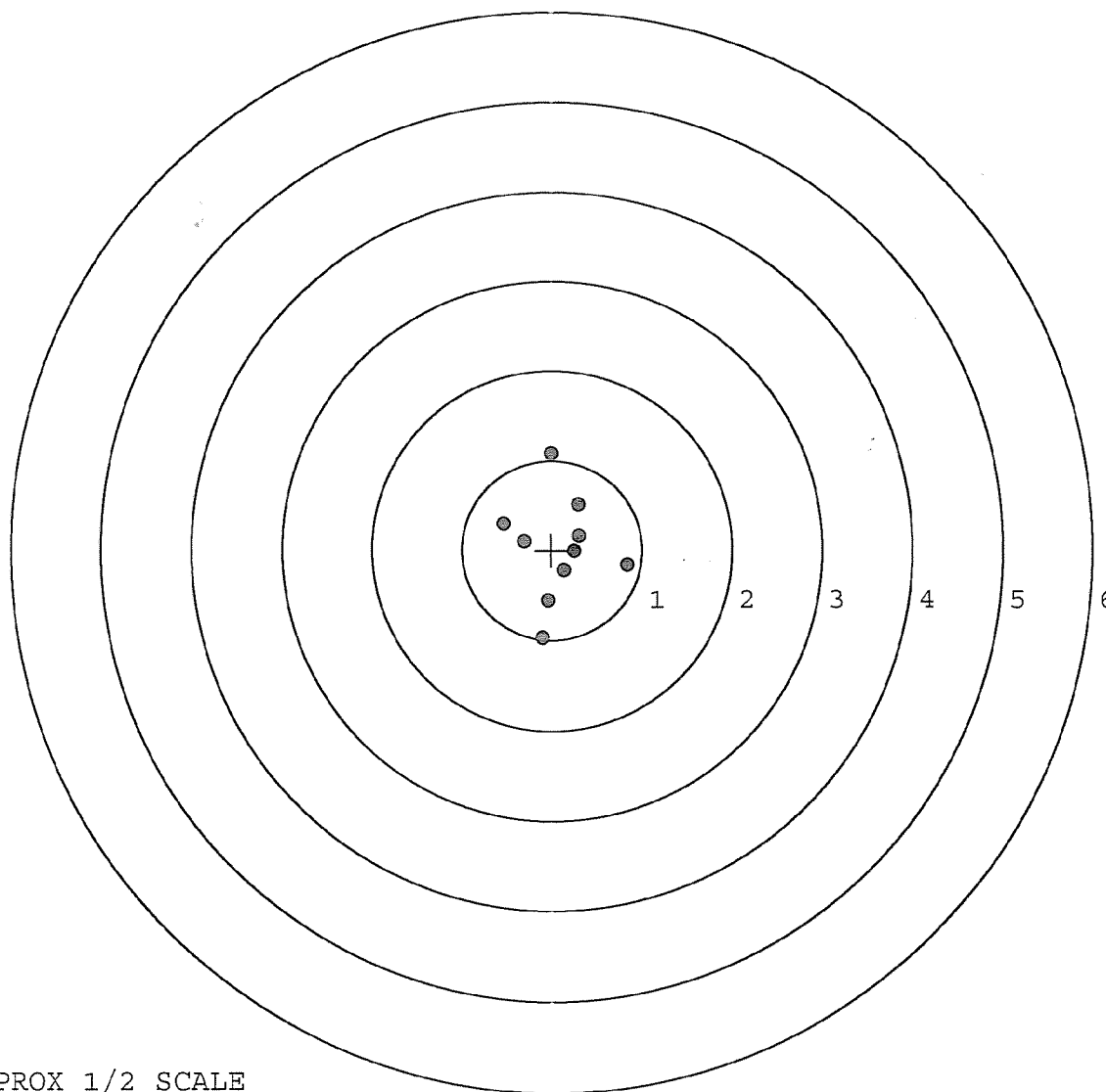
MAX RADIUS: 1.064

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



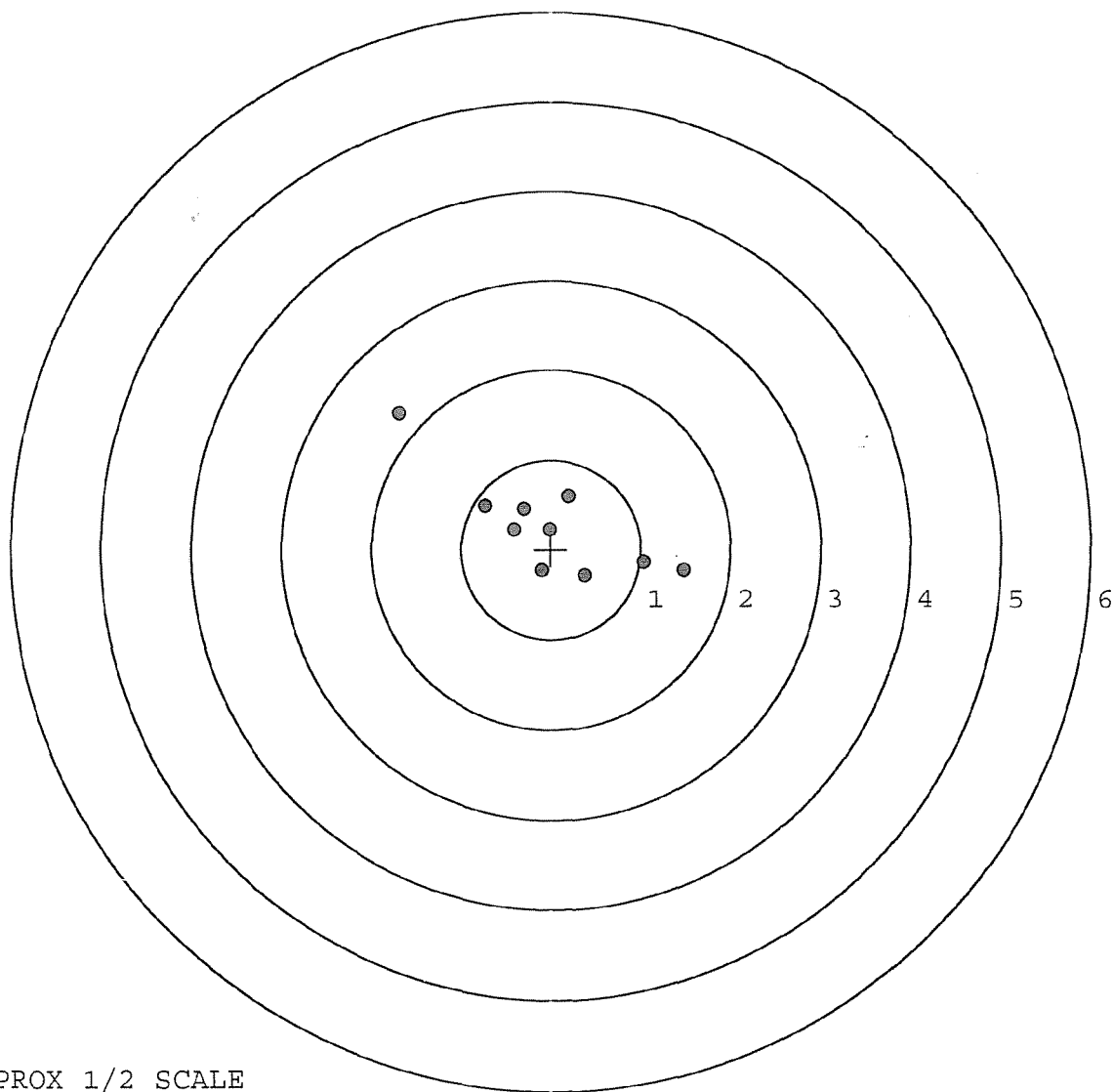
TARGET APPROX 1/2 SCALE

BARBER - M24 0143301

SERIAL NUMBER: G6635188. 0
 TARGET NUMBER: 5
 FILE DATE: 04/04/2007
 FILE TIME: 23:43

POINT#	X	Y
1:	-0.738	0.487
2:	-0.419	0.224
3:	-0.304	0.454
4:	-0.011	0.222
5:	0.194	0.597
6:	-0.100	-0.234
7:	0.380	-0.291
8:	1.039	-0.144
9:	1.474	-0.229
10:	-1.698	1.510

X CENTROID: -0.018
 Y CENTROID: 0.260
 POA TO CENTROID: 0.260
 HORZ SPREAD: 3.172
 VERT SPREAD: 1.801
 GROUP SPREAD: 3.617
 MIN RADIUS: 0.038
 MAX RADIUS: 2.094
 MEAN RADIUS: 0.792
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE