

G-663 7656

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



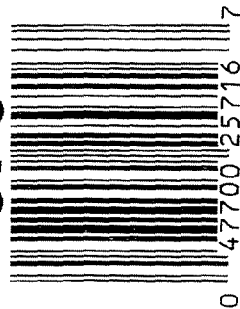
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637656

UPC



ORDER — 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

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M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC



SERIAL NO.



GUN SERIAL # 66637656

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	RTZ
420	ASSEMBLE ACTION		4-13-07	APD
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF		4-16-07	Fm
460	CHECK HEADSPACE		4-16-07	Fm
470	DIS-ASSEMBLE ACTION		4-16-07	RTZ
480	MAGNAFLUX BBL ACTION		4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-19-07	CW
510	DRILL AND TAP SIGHT HOLES		4-17-07	SD
520	GOFF BLAST BBL / REC		4-19-07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-25-07	WJ
560	RE-ASSEMBLE ACTION		4-25-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-25-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-25-07	SD
	D) OIL FIRING PIN ASSEMBLY		4-25-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

MAGNA FLUX

APR 19 2007

OPERATOR *APD*

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.5</u> <u>8.25</u> <u>8.25</u>	4-26-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.75</u>	4-26-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.024</u> <u>.023</u>	4-26-07	TRW
	J) ASSEMBLE STOCK		4/25/07	SPD
	K) ASSEMBLE SWIVEL STUDS		4-27-07	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-27-07	RT
	M) IRON SIGHT ALIGNMENT		4-27-07	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-27-07	RT
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-26-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-26-07	CHS
670	FINAL INSPECTION A) HEADSPACE		4-27-07	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.56</u> <u>2.55</u> <u>2.48</u> <u>2.48</u> <u>2.56</u>	4-26-07	TRW
	C) FUNCTION		4-27-07	RT
690	PACK		4/27/07	RA

F004 REV 5/2006

BARBER - M24 0144230

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 4-25-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.24	2.44		2.63	
PULL #2	2.27	2.51		2.76	
PULL #3	2.26	2.49		2.68	
PULL #4	2.29	2.44		2.70	
PULL #5	2.36	2.47		2.66	
TOTAL	11.42	12.35		13.43	
AVERAGE	2.28	2.47		2.68	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.05		
PULL #2	3.17	3.10		
PULL #3	3.26	3.07		
PULL #4	3.31	3.02		
PULL #5	3.23	3.02		
TOTAL	16.16	15.26		
AVERAGE	3.23	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	4.15	4.49		4.36
PULL #2	4.16	4.19		4.37
PULL #3	4.18	4.16		4.31
PULL #4	4.19	4.25		4.39
PULL #5	4.21	4.28		4.41
TOTAL	20.89	21.37		21.84
AVERAGE	4.17	4.27		4.36

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637656.___0

FILE DATE AND TIME: 04/26/2007 14:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.752
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.091
The Distance from Centroid Target #3 to Centroid Target #1:	0.214
The Distance from Centroid Target #4 to Centroid Target #1:	0.281
The Distance from Centroid Target #5 to Centroid Target #1:	0.290

BARBER - M24 0144232

SERIAL NUMBER: G6637656. 0

TARGET NUMBER: 1

FILE DATE: 04/26/2007

FILE TIME: 14:19

X CENTROID: -0.130

Y CENTROID: 0.095

POA TO CENTROID: 0.161

HORZ SPREAD: 2.218

VERT SPREAD: 2.522

GROUP SPREAD: 3.126

MIN RADIUS: 0.363

MAX RADIUS: 1.684

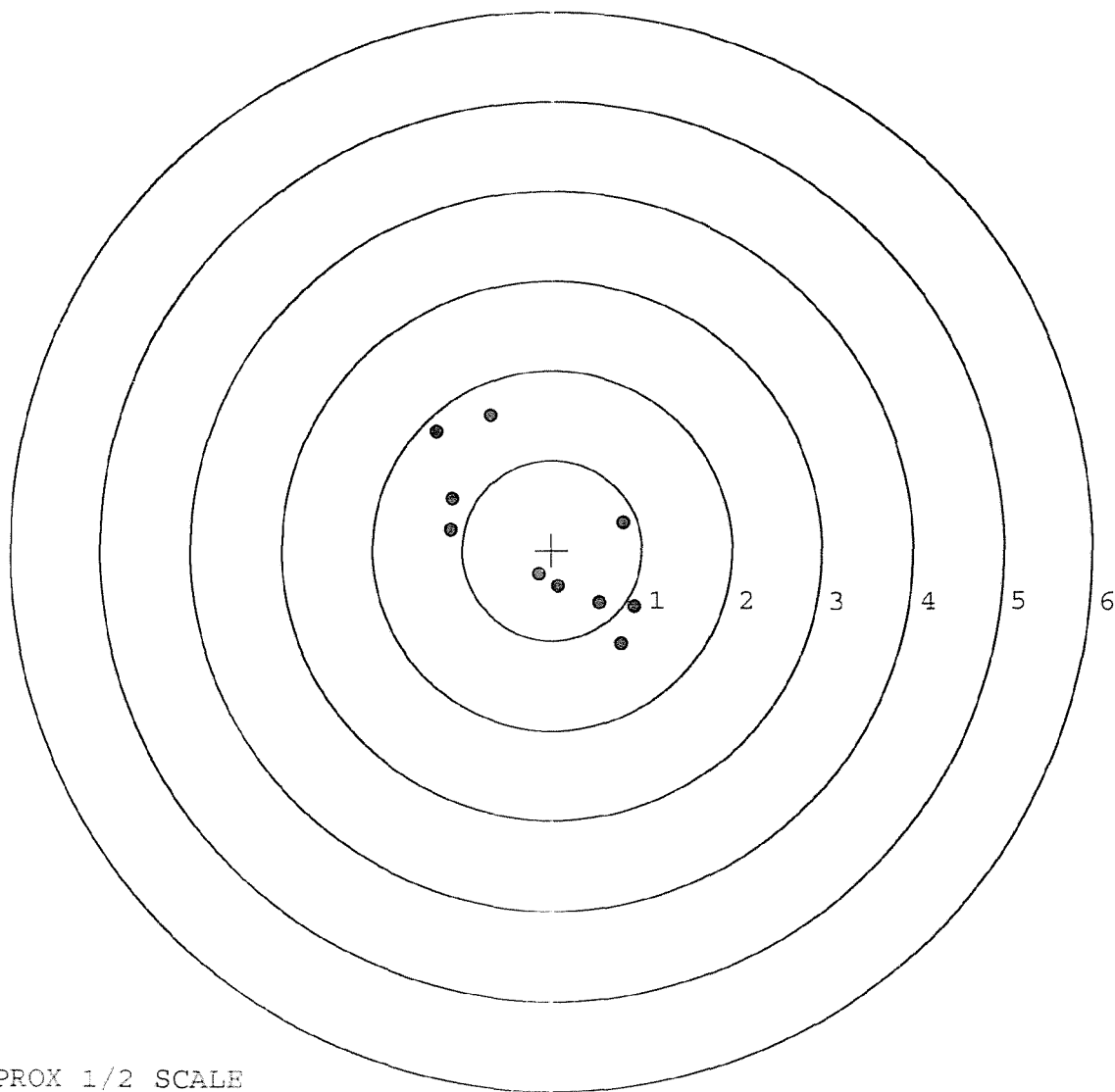
MEAN RADIUS: 1.081

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.771	-1.035
2:	0.919	-0.629
3:	0.529	-0.593
4:	0.073	-0.401
5:	-0.142	-0.268
6:	0.793	0.306
7:	-1.116	0.561
8:	-1.139	0.214
9:	-1.299	1.307
10:	-0.689	1.487



TARGET APPROX 1/2 SCALE

BARBER - M24 0144233

SERIAL NUMBER: G6637656. __ 0

TARGET NUMBER: 2

FILE DATE: 04/26/2007

FILE TIME: 14:19

POINT#	X	Y
1:	0.619	-1.062
2:	0.145	-0.708
3:	0.890	-0.034
4:	0.305	0.468
5:	-1.453	1.003
6:	-0.356	0.303
7:	-0.201	0.183
8:	-0.163	0.129
9:	-0.365	-0.173
10:	-0.297	0.039

X CENTROID: -0.088

Y CENTROID: 0.015

POA TO CENTROID: 0.089

HORZ SPREAD: 2.343

VERT SPREAD: 2.065

GROUP SPREAD: 2.925

MIN RADIUS: 0.137

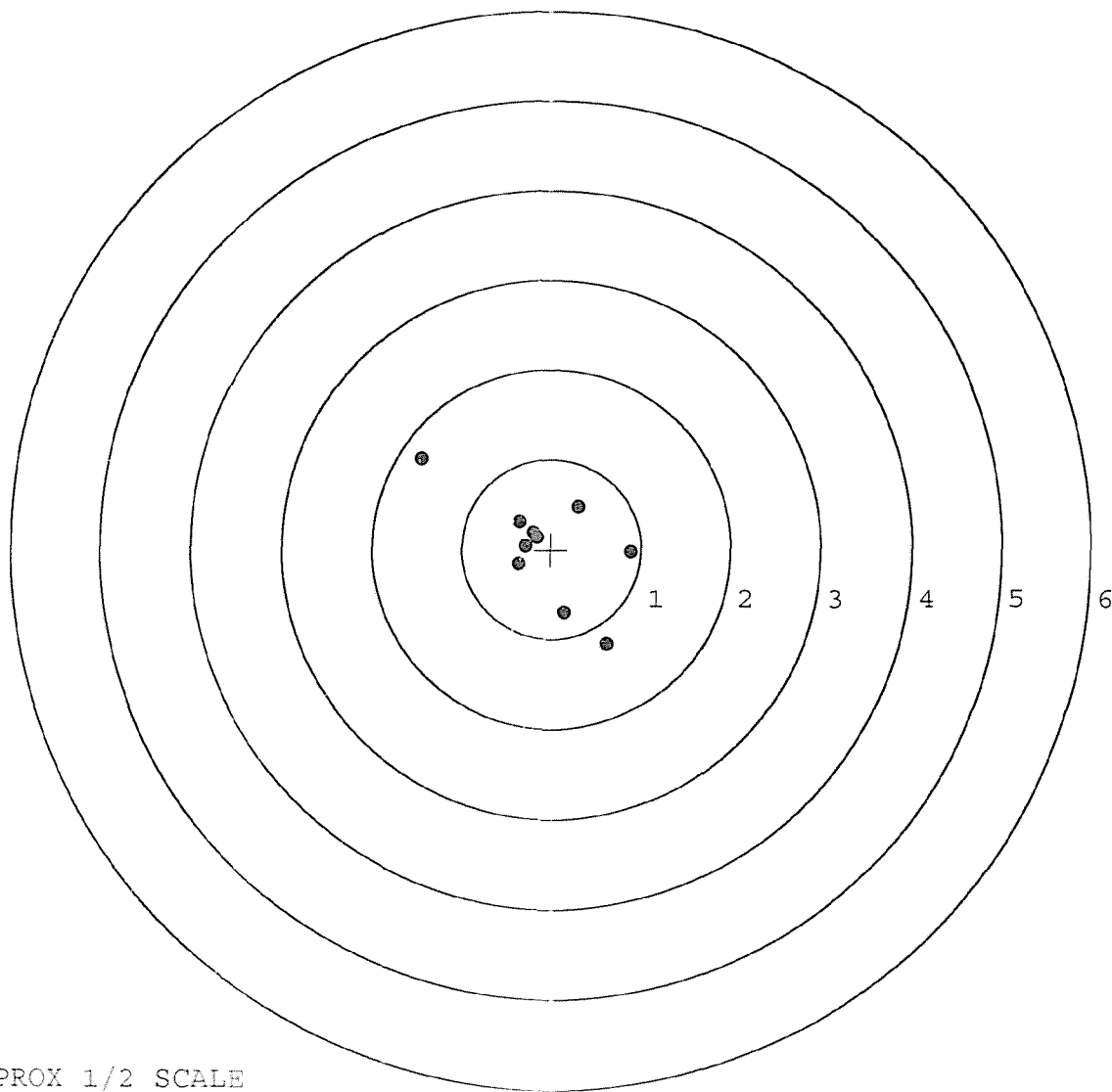
MAX RADIUS: 1.685

MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144234

SERIAL NUMBER: G6637656. 0

TARGET NUMBER: 3

FILE DATE: 04/26/2007

FILE TIME: 14:19

POINT#	X	Y
1:	1.043	0.296
2:	0.133	0.454
3:	0.218	0.155
4:	0.243	-0.145
5:	-0.645	-1.285
6:	-0.201	-0.562
7:	-0.255	-0.305
8:	-0.516	0.239
9:	-0.544	-0.025
10:	-0.269	0.051

X CENTROID: -0.079

Y CENTROID: -0.113

POA TO CENTROID: 0.138

HORZ SPREAD: 1.688

VERT SPREAD: 1.739

GROUP SPREAD: 2.313

MIN RADIUS: 0.251

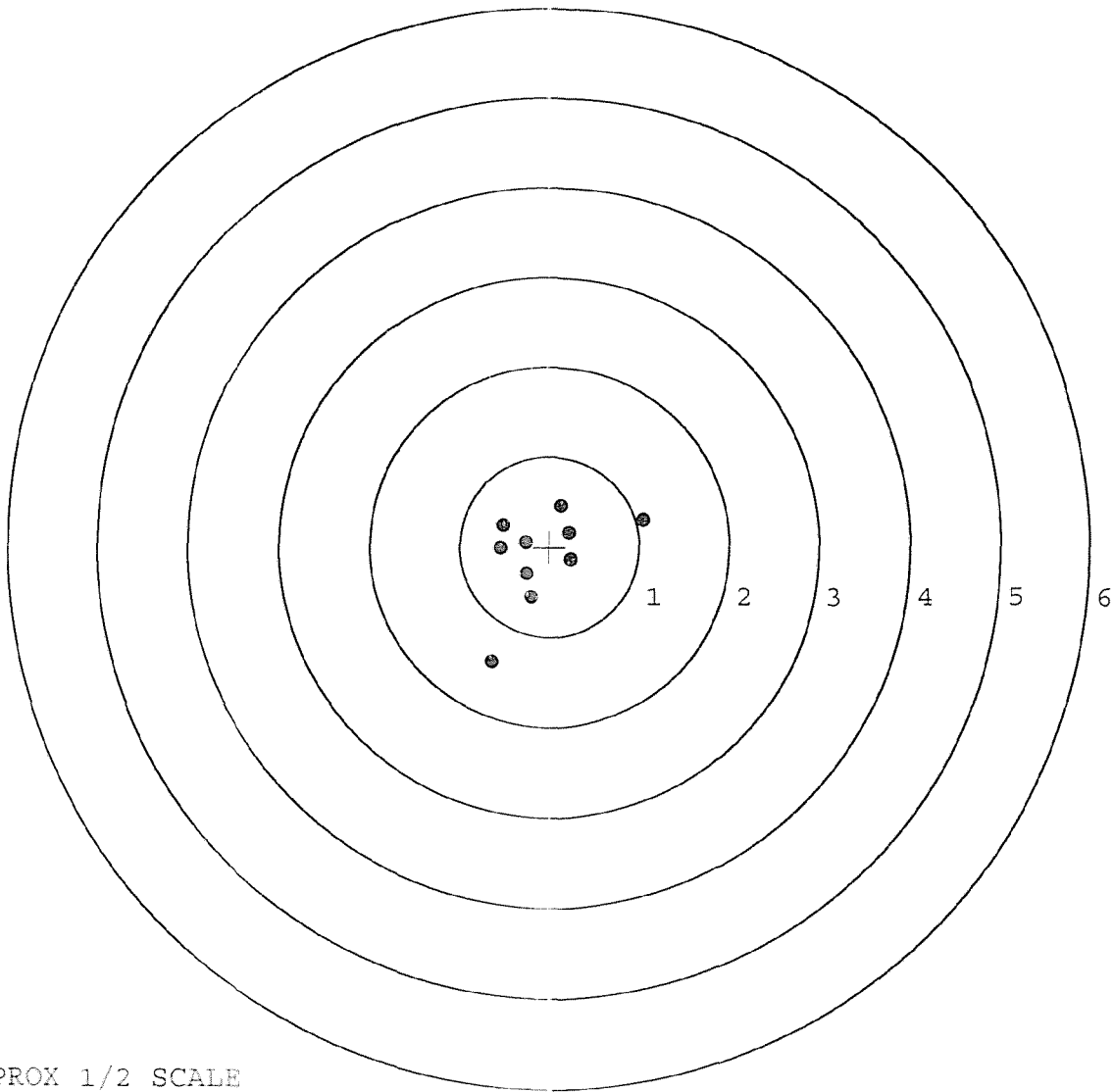
MAX RADIUS: 1.302

MEAN RADIUS: 0.584

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144235

SERIAL NUMBER: G6637656. 0

TARGET NUMBER: 4

FILE DATE: 04/26/2007

FILE TIME: 14:19

X CENTROID: 0.150

Y CENTROID: 0.076

POA TO CENTROID: 0.168

HORZ SPREAD: 2.185

VERT SPREAD: 1.261

GROUP SPREAD: 2.202

MIN RADIUS: 0.203

MAX RADIUS: 1.351

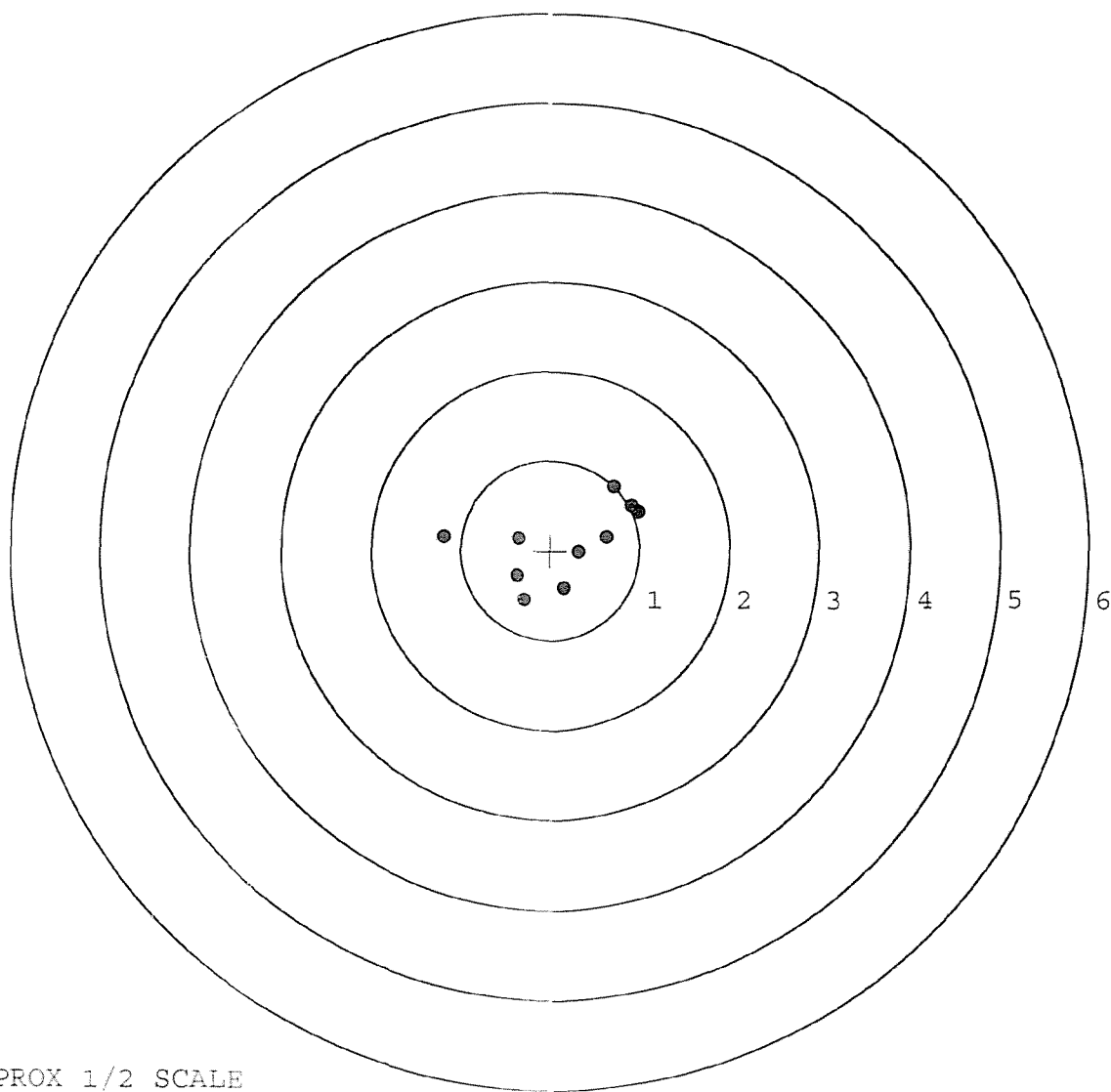
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.986	0.425
2:	0.907	0.489
3:	0.709	0.706
4:	0.631	0.146
5:	0.326	-0.025
6:	0.154	-0.426
7:	-0.289	-0.555
8:	-0.371	-0.289
9:	-0.355	0.133
10:	-1.199	0.152



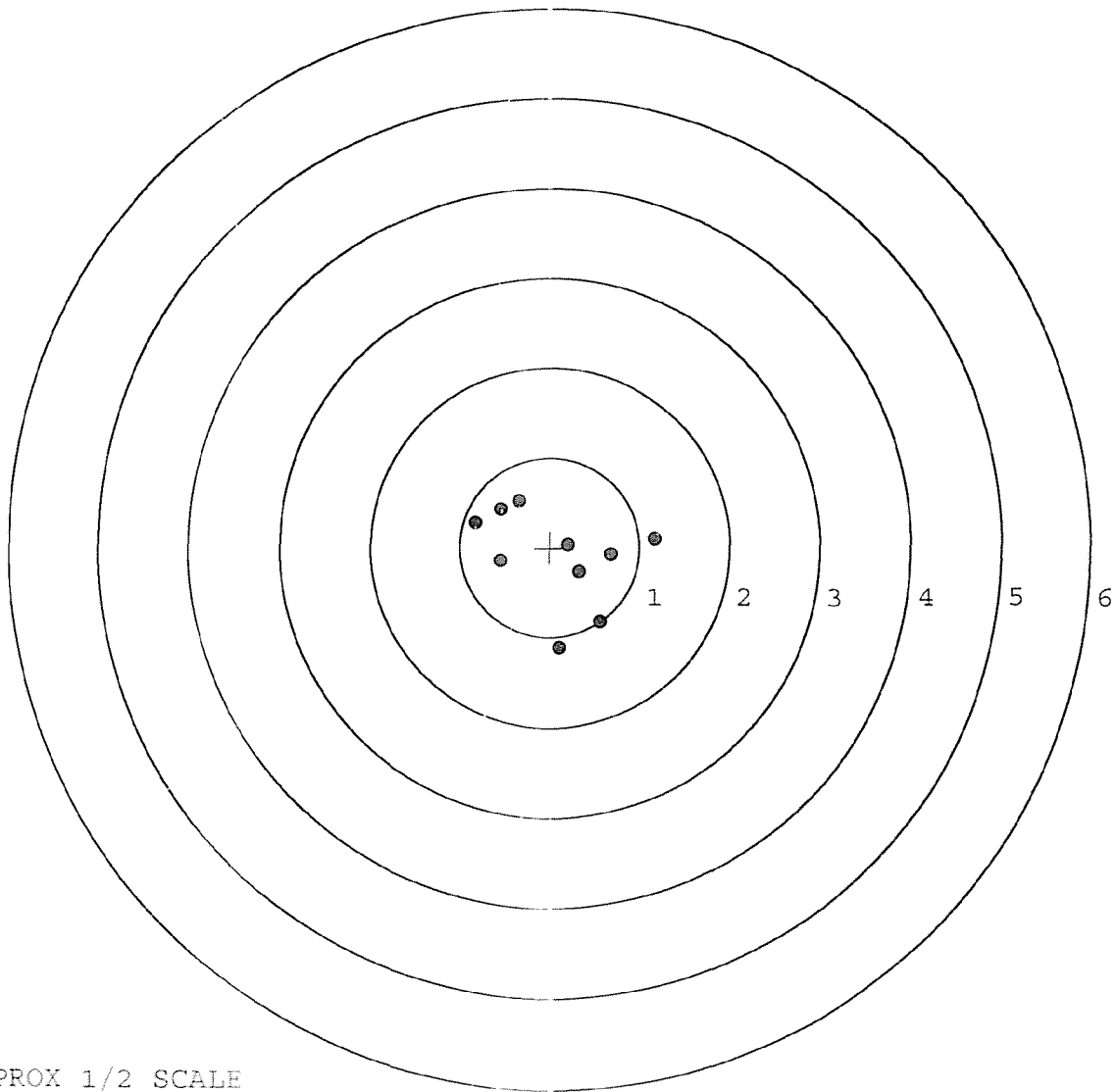
TARGET APPROX 1/2 SCALE

BARBER - M24 0144236

SERIAL NUMBER: G6637656. 0
 TARGET NUMBER: 5
 FILE DATE: 04/26/2007
 FILE TIME: 14:19

X CENTROID: 0.075
 Y CENTROID: -0.111
 POA TO CENTROID: 0.134
 HORZ SPREAD: 1.999
 VERT SPREAD: 1.648
 GROUP SPREAD: 2.007
 MIN RADIUS: 0.188
 MAX RADIUS: 1.106
 MEAN RADIUS: 0.730
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.562	-0.835
2:	0.102	-1.122
3:	1.161	0.098
4:	0.685	-0.085
5:	0.328	-0.279
6:	0.197	0.032
7:	-0.549	-0.151
8:	-0.352	0.526
9:	-0.549	0.429
10:	-0.838	0.280



TARGET APPROX 1/2 SCALE