

G 6637666

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



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SERIAL NO.



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



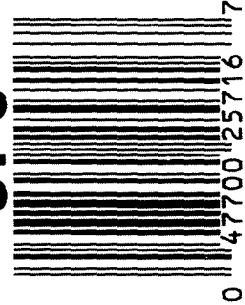
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6637666

UPC



GUN SERIAL # 66637666

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	RTZ
420	ASSEMBLE ACTION		4-13-07	S.P.H.
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF	MAGNA FLUX APR 19 2007 OPERATOR <u>APD</u>	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	ms
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-25-07	CW
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		4-26-07	S.P.H.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/22/07	ms

FD04 REV 5/2000

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>7.5</u> <u>6.5</u>	5-25-07	RA
CONT:				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	5-25-07	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	RA
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	5-25-07	RA
	J) ASSEMBLE STOCK		4/26/07	RA
	K) ASSEMBLE SWIVEL STUDS		6/8/07	RA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	RA
	M) IRON SIGHT ALIGNMENT		6/8/07	RA
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	RA
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/30/07	RA
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-30-07	SD
670	FINAL INSPECTION A) HEADSPACE		6/8/07	RA
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>235</u> <u>237</u> <u>233</u> <u>234</u> <u>234</u>	5/22/07	RA
	C) FUNCTION		6/8/07	RA
690	PACK		6/25/07	RA

F004 REV 5/2006

BARBER - M24 0144385AVERAGE 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 4-26-07TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.77	2.75		2.71	
PULL #2	2.79	2.72		2.69	
PULL #3	2.78	2.67		2.69	
PULL #4	2.72	2.74		2.71	
PULL #5	2.74	2.73		2.68	
TOTAL	13.80	13.61		13.48	
AVERAGE	2.76	2.72		2.69	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.30		
PULL #2	3.14	3.44		
PULL #3	3.15	3.44		
PULL #4	3.38	3.41		
PULL #5	3.31	3.51		
TOTAL	16.15	17.10		
AVERAGE	3.23	3.42		

	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	4.02	4.09		4.44
PULL #2	4.04	4.09		4.43
PULL #3	4.09	4.09		4.39
PULL #4	4.14	4.12		4.34
PULL #5	4.18	4.09		4.38
TOTAL	20.47	20.48		21.98
AVERAGE	4.09	4.09		4.39

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637666.___0
FILE DATE AND TIME: 05/01/2007 00:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.724
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.120
The Distance from Centroid Target #3 to Centroid Target #1:	0.386
The Distance from Centroid Target #4 to Centroid Target #1:	0.364
The Distance from Centroid Target #5 to Centroid Target #1:	0.501

BARBER - M24 0144387

SERIAL NUMBER: G6637666. __0

TARGET NUMBER: 1

FILE DATE: 05/01/2007

FILE TIME: 00:11

X CENTROID: 0.160

Y CENTROID: 0.136

POA TO CENTROID: 0.210

HORZ SPREAD: 1.627

VERT SPREAD: 1.984

GROUP SPREAD: 2.074

MIN RADIUS: 0.257

MAX RADIUS: 1.123

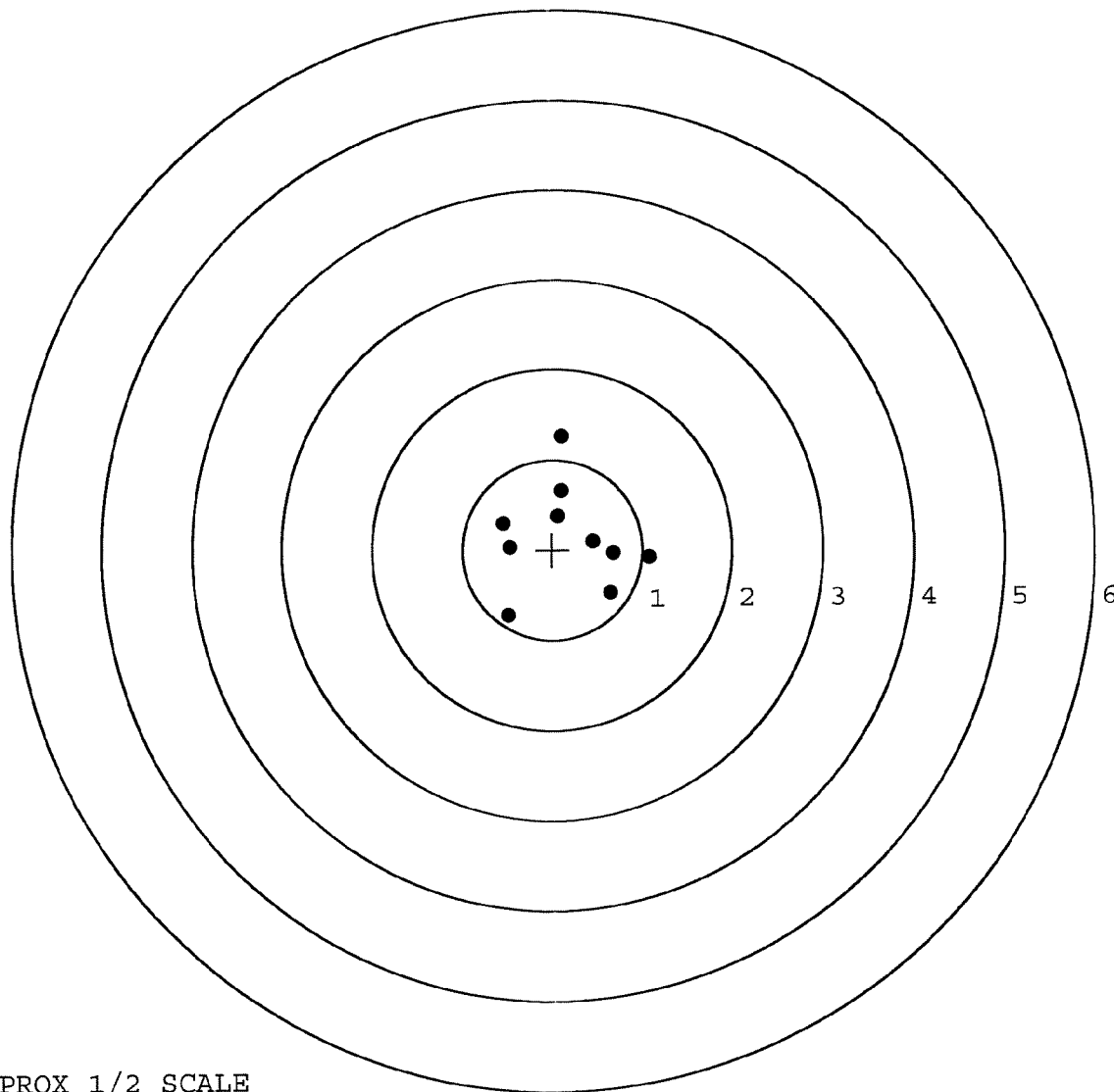
MEAN RADIUS: 0.693

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.109	1.257
2:	0.105	0.656
3:	0.064	0.374
4:	-0.494	-0.727
5:	0.645	-0.484
6:	0.678	-0.041
7:	0.448	0.093
8:	1.075	-0.099
9:	-0.552	0.298
10:	-0.476	0.029



TARGET APPROX 1/2 SCALE

BARBER - M24 0144388

SERIAL NUMBER: G6637666. __0

TARGET NUMBER: 2

FILE DATE: 05/01/2007

FILE TIME: 00:11

POINT#	X	Y
1:	-0.538	0.452
2:	-0.539	0.897
3:	0.267	0.699
4:	0.429	0.448
5:	0.741	0.840
6:	-0.879	-0.506
7:	0.257	-0.032
8:	0.088	-0.208
9:	0.281	-0.526
10:	0.299	-0.788

X CENTROID: 0.041

Y CENTROID: 0.128

POA TO CENTROID: 0.134

HORZ SPREAD: 1.620

VERT SPREAD: 1.685

GROUP SPREAD: 2.106

MIN RADIUS: 0.269

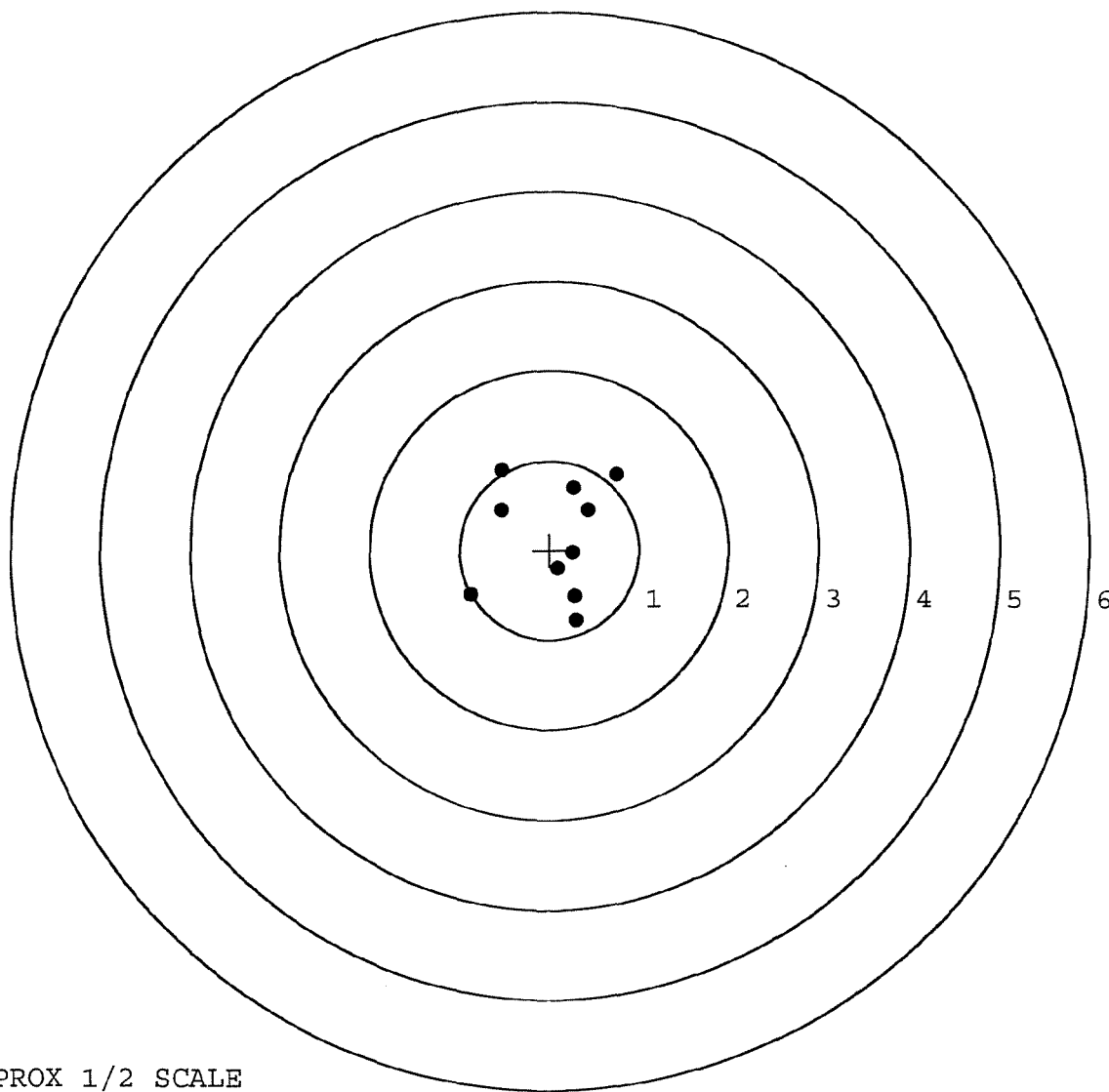
MAX RADIUS: 1.117

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144389

SERIAL NUMBER: G6637666. __ 0

TARGET NUMBER: 3

FILE DATE: 05/01/2007

FILE TIME: 00:11

X CENTROID: -0.103

Y CENTROID: -0.146

POA TO CENTROID: 0.179

HORZ SPREAD: 1.697

VERT SPREAD: 1.395

GROUP SPREAD: 2.155

MIN RADIUS: 0.112

MAX RADIUS: 1.151

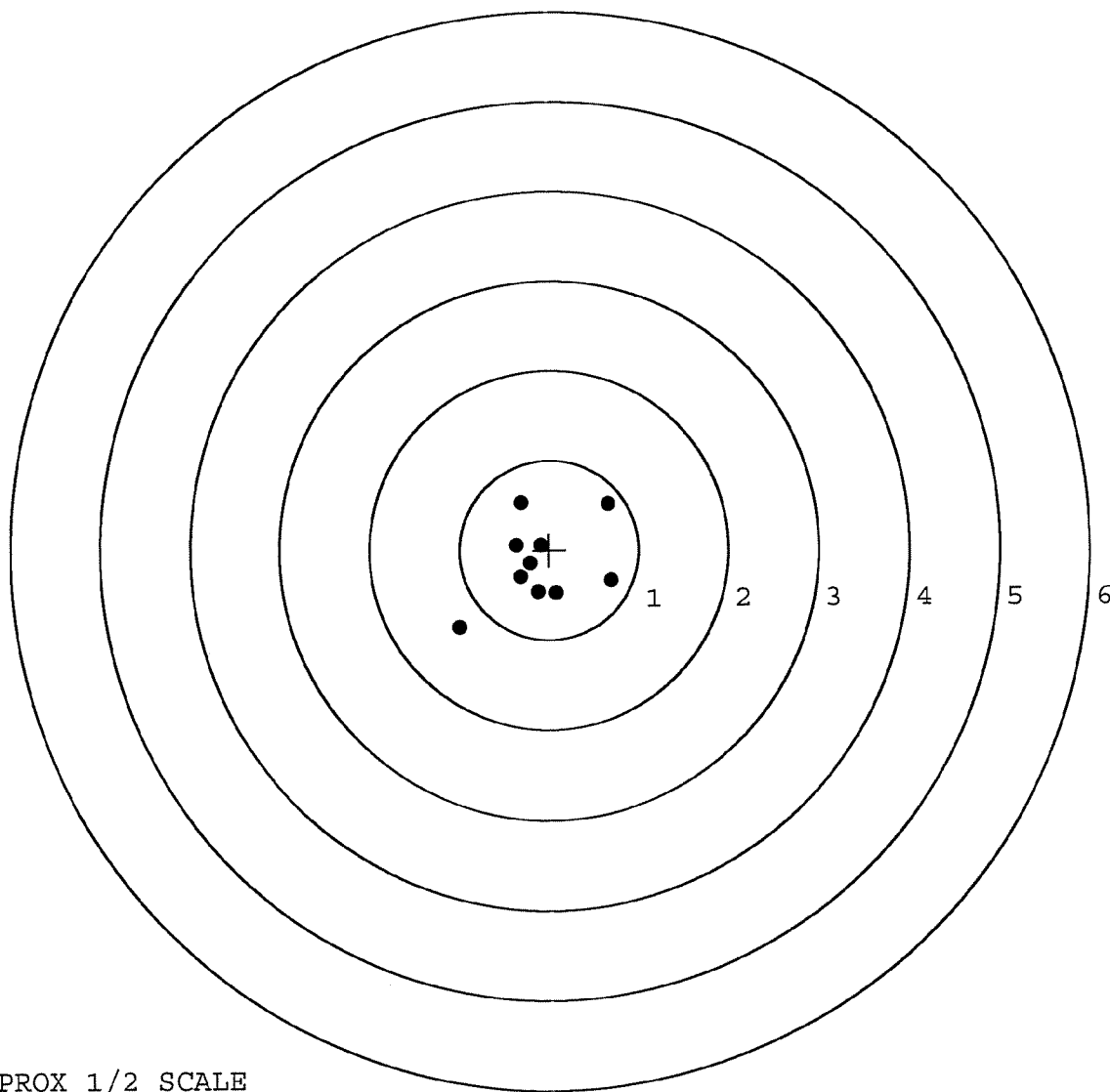
MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.659	0.508
2:	0.693	-0.347
3:	-1.004	-0.862
4:	-0.319	0.533
5:	-0.369	0.057
6:	-0.099	0.055
7:	-0.323	-0.305
8:	-0.215	-0.150
9:	-0.130	-0.472
10:	0.076	-0.480



TARGET APPROX 1/2 SCALE

BARBER - M24 0144390

SERIAL NUMBER: G6637666. __0

TARGET NUMBER: 4

FILE DATE: 05/01/2007

FILE TIME: 00:11

X CENTROID: -0.072

Y CENTROID: -0.144

POA TO CENTROID: 0.161

HORZ SPREAD: 2.854

VERT SPREAD: 1.889

GROUP SPREAD: 2.862

MIN RADIUS: 0.388

MAX RADIUS: 1.583

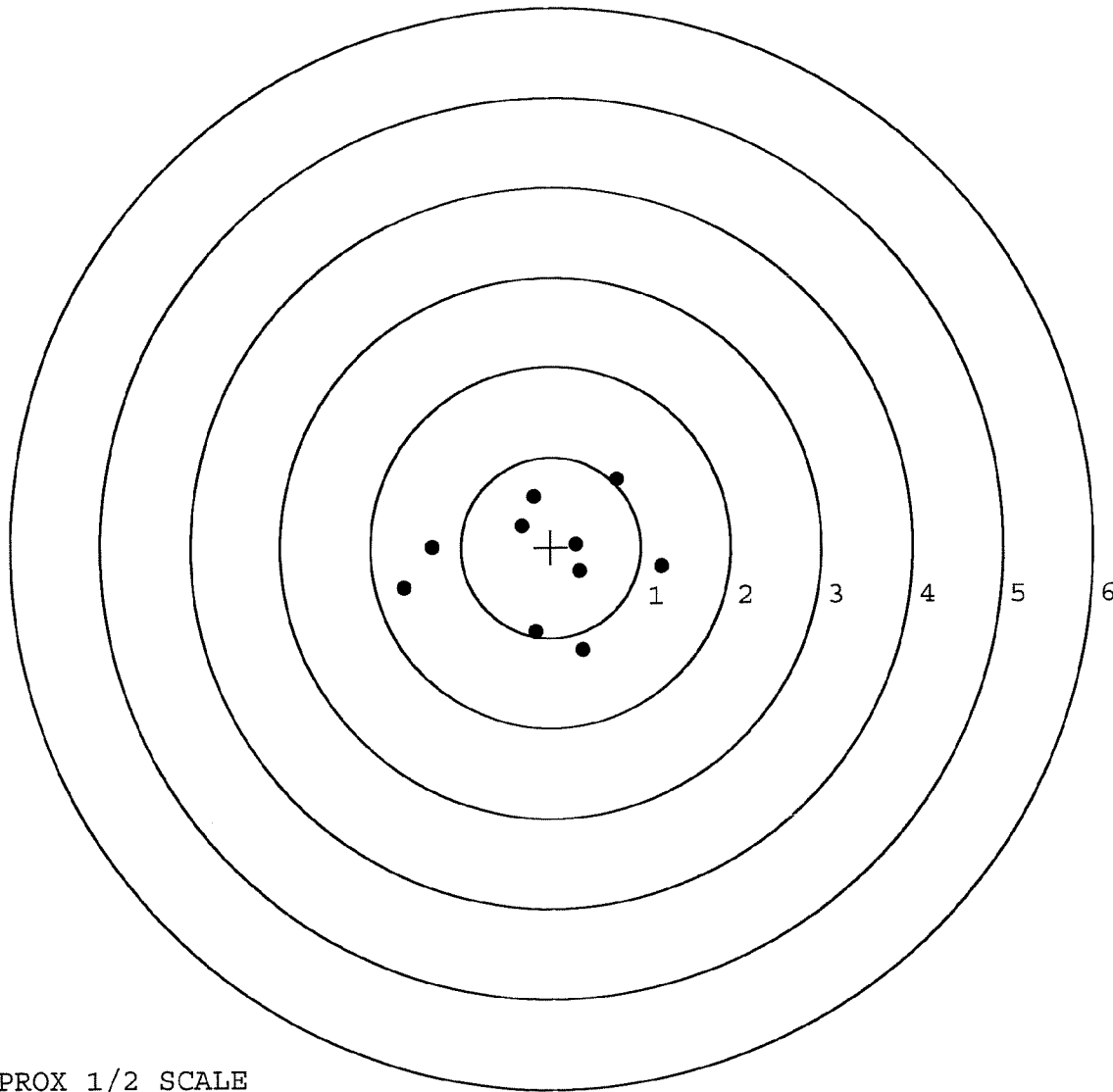
MEAN RADIUS: 0.919

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.188	0.560
2:	-0.323	0.236
3:	0.274	0.031
4:	0.317	-0.269
5:	0.735	0.748
6:	1.227	-0.230
7:	0.350	-1.141
8:	-0.175	-0.938
9:	-1.314	0.007
10:	-1.627	-0.444



TARGET APPROX 1/2 SCALE

BARBER - M24 0144391

SERIAL NUMBER: G6637666. __0

TARGET NUMBER: 5

FILE DATE: 05/01/2007

FILE TIME: 00:11

POINT#	X	Y
1:	-1.559	0.242
2:	-1.362	-0.149
3:	-0.721	1.129
4:	-0.165	1.083
5:	-0.280	0.207
6:	-0.067	0.275
7:	0.027	-0.106
8:	-0.296	-0.525
9:	0.469	-0.070
10:	0.560	-0.311

X CENTROID: -0.339

Y CENTROID: 0.178

POA TO CENTROID: 0.383

HORZ SPREAD: 2.119

VERT SPREAD: 1.654

GROUP SPREAD: 2.190

MIN RADIUS: 0.066

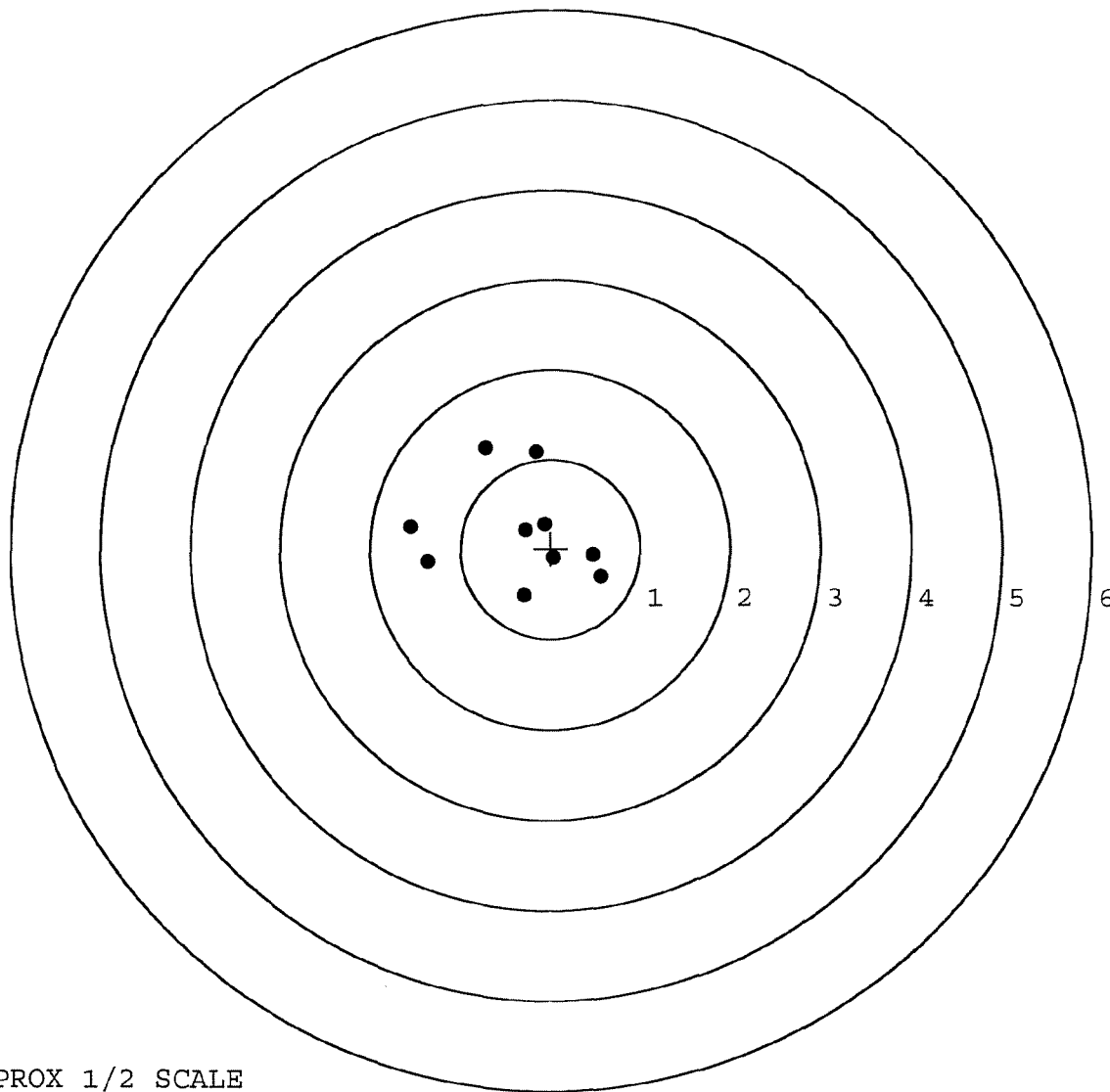
MAX RADIUS: 1.221

MEAN RADIUS: 0.763

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE