

G66B5214

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



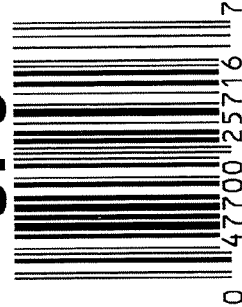
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6635214

UPC



ORDER — 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



GUN SERIAL # 66635214

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	MAGNA FLUX	4-16-07	Fm
460	CHECK HEADSPACE	APR 19 2007	4-16-07	Fm
470	DIS-ASSEMBLE ACTION	OPERATOR APD	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		4-18-07	SD
520	GOFF BLAST BBL / REC		4/19/07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4/25/07	W1
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		

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>3.0</u> <u>3.0</u> <u>3.0</u>	4-26-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.0245</u> <u>.0245</u>	4-26-07	TRW
	J) ASSEMBLE STOCK		4/25/07	SPD
	K) ASSEMBLE SWIVEL STUDS		4-27-07	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-27-07	RTZ
	M) IRON SIGHT ALIGNMENT		4-27-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-27-07	RTZ
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	CFD
670	FINAL INSPECTION A) HEADSPACE		4-27-07	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.44</u> <u>2.40</u> <u>2.38</u> <u>2.82</u> <u>2.35</u>	4-26-07	TRW
	C) FUNCTION		4-27-07	RTZ
690	PACK		4/27/07	DA

F004 REV 5/2006

BARBER - M24 0143754AVERAGE 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 4-25-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.56		2.61	
PULL #2	2.57	2.51		2.57	
PULL #3	2.65	2.53		2.53	
PULL #4	2.64	2.53		2.53	
PULL #5	2.73	2.63		2.56	
TOTAL	13.16	12.76		12.80	
AVERAGE	2.63	2.55		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.19		
PULL #2	3.24	3.20		
PULL #3	3.24	3.22		
PULL #4	3.26	3.21		
PULL #5	3.17	3.20		
TOTAL	16.16	16.02		
AVERAGE	3.23	3.20		

	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	4.44	4.15		4.18
PULL #2	4.39	4.10		4.20
PULL #3	4.28	4.10		4.19
PULL #4	4.34	4.09		4.20
PULL #5	4.40	4.10		4.23
TOTAL	21.85	20.54		21.00
AVERAGE	4.37	4.10		4.20

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635214.___0
FILE DATE AND TIME: 04/26/2007 14:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

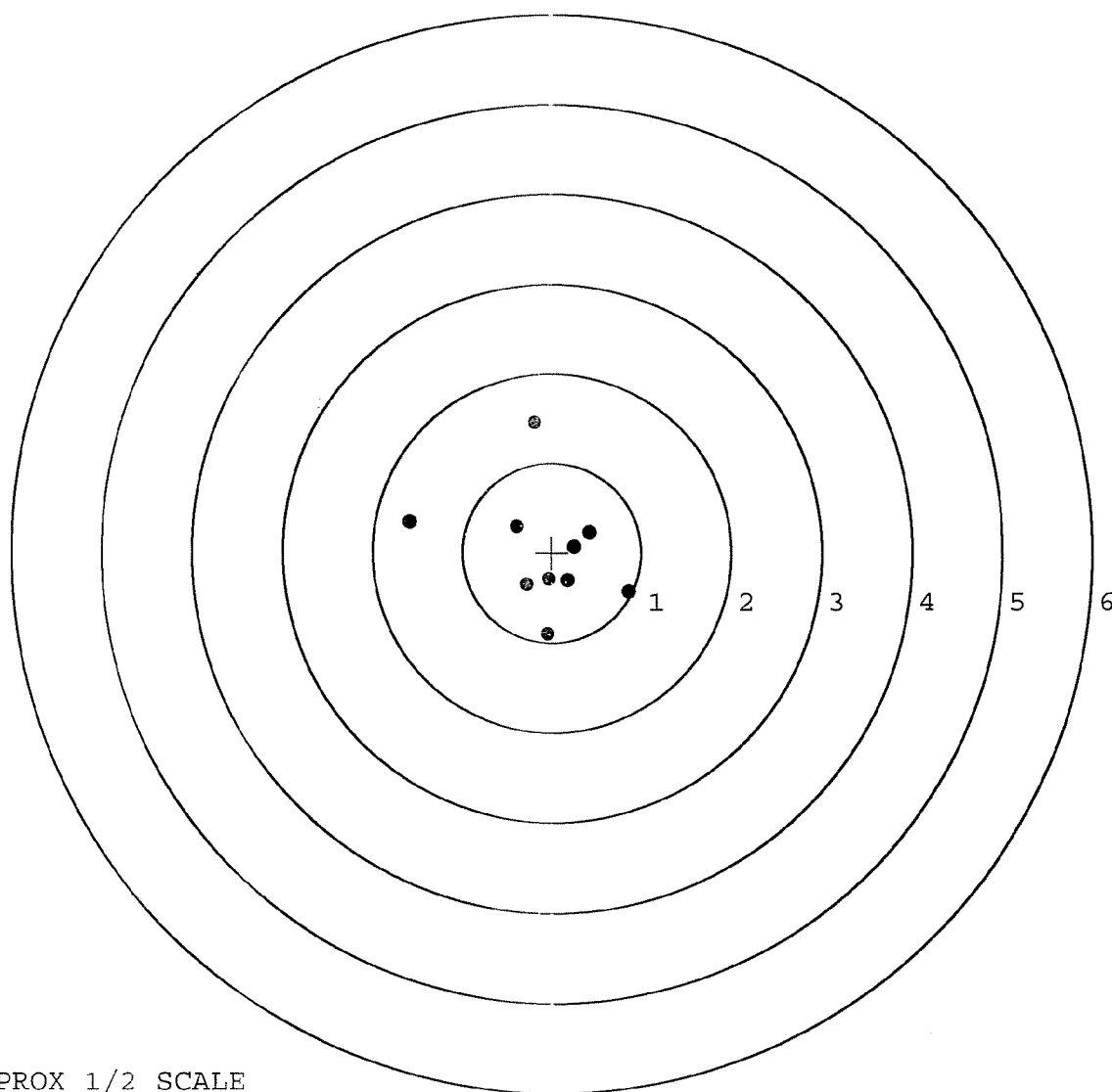
The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.084
The Average Point of Impact of the Five Target Set:	0.098
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.084
The Distance from Centroid Target #2 to Centroid Target #1:	0.088
The Distance from Centroid Target #3 to Centroid Target #1:	0.090
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.122

BARBER - M24 0143756

SERIAL NUMBER: G6635214. __0
 TARGET NUMBER: 1
 FILE DATE: 04/26/2007
 FILE TIME: 14:27

POINT#	X	Y
1:	0.861	-0.437
2:	-0.047	-0.911
3:	-0.394	0.291
4:	-1.593	0.334
5:	-0.188	1.449
6:	0.420	0.220
7:	0.248	0.065
8:	0.178	-0.310
9:	-0.037	-0.295
10:	-0.283	-0.355

X CENTROID: -0.083
 Y CENTROID: 0.005
 POA TO CENTROID: 0.084
 HORZ SPREAD: 2.454
 VERT SPREAD: 2.360
 GROUP SPREAD: 2.572
 MIN RADIUS: 0.304
 MAX RADIUS: 1.545
 MEAN RADIUS: 0.738
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143757

SERIAL NUMBER: G6635214. __0

TARGET NUMBER: 2

FILE DATE: 04/26/2007

FILE TIME: 14:27

POINT#	X	Y
1:	0.380	0.400
2:	-0.310	0.566
3:	0.098	-0.703
4:	-0.410	-0.645
5:	-0.342	-0.285
6:	0.326	-0.244
7:	0.023	-0.069
8:	-0.168	0.020
9:	-0.329	0.117
10:	-0.580	0.155

X CENTROID: -0.131

Y CENTROID: -0.069

POA TO CENTROID: 0.148

HORZ SPREAD: 0.960

VERT SPREAD: 1.269

GROUP SPREAD: 1.310

MIN RADIUS: 0.096

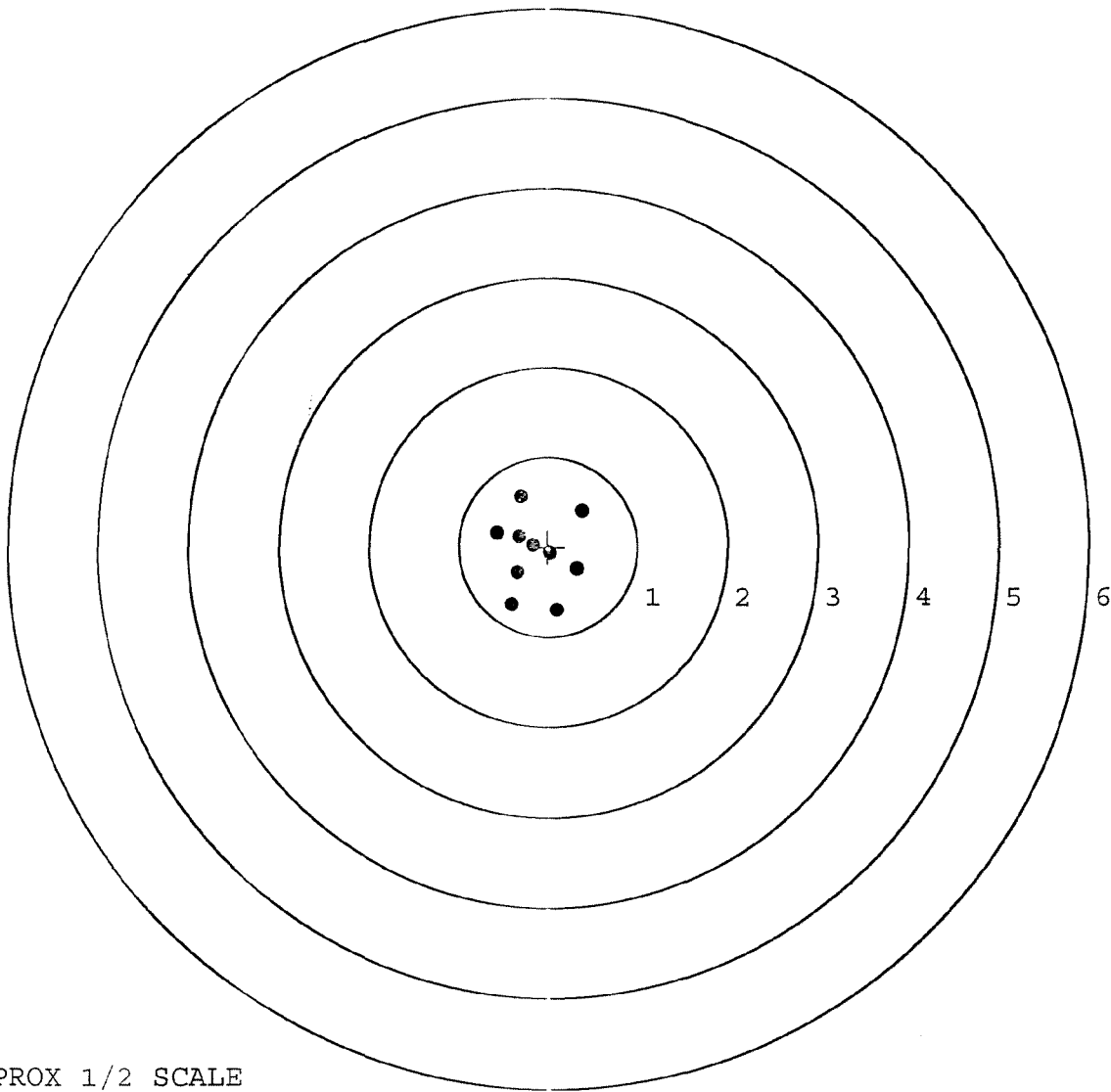
MAX RADIUS: 0.694

MEAN RADIUS: 0.448

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143758

SERIAL NUMBER: G6635214. __0

TARGET NUMBER: 3

FILE DATE: 04/26/2007

FILE TIME: 14:27

POINT#	X	Y
1:	0.789	0.337
2:	-0.623	0.742
3:	-0.910	-0.337
4:	0.153	-0.625
5:	0.236	-0.549
6:	0.341	-0.407
7:	0.186	-0.035
8:	-0.064	-0.086
9:	-0.257	0.189
10:	-0.068	0.168

X CENTROID: -0.022

Y CENTROID: -0.060

POA TO CENTROID: 0.064

HORZ SPREAD: 1.699

VERT SPREAD: 1.367

GROUP SPREAD: 1.572

MIN RADIUS: 0.049

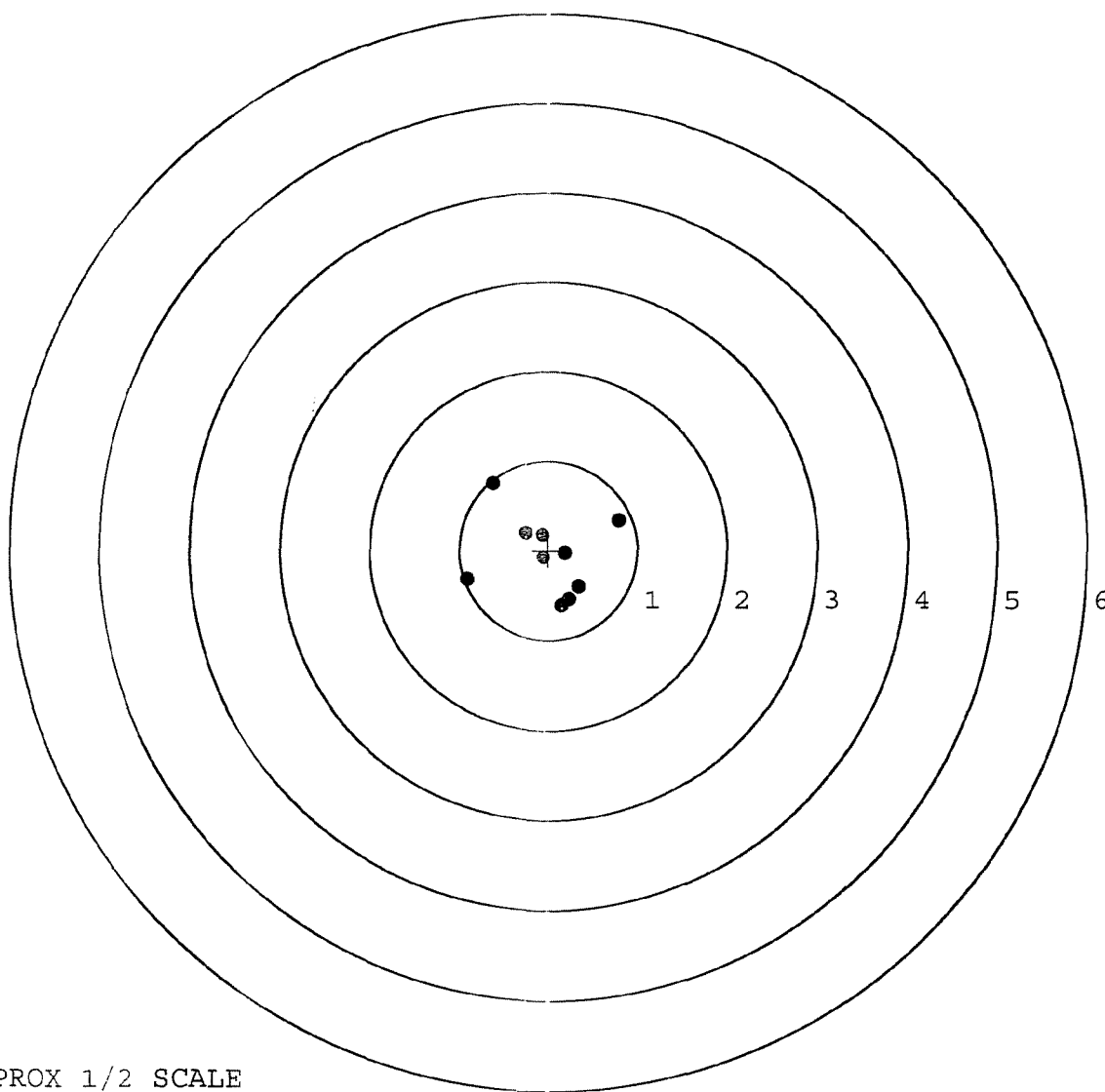
MAX RADIUS: 1.003

MEAN RADIUS: 0.532

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143759

SERIAL NUMBER: G6635214. __0

TARGET NUMBER: 4

FILE DATE: 04/26/2007

FILE TIME: 14:27

POINT#	X	Y
1:	-0.102	-1.112
2:	0.485	0.365
3:	0.318	0.555
4:	-0.079	0.448
5:	-0.749	-0.041
6:	0.255	-0.220
7:	0.161	-0.303
8:	0.141	-0.467
9:	-0.151	-0.412
10:	0.060	-0.661

X CENTROID: 0.034

Y CENTROID: -0.185

POA TO CENTROID: 0.188

HORZ SPREAD: 1.234

VERT SPREAD: 1.667

GROUP SPREAD: 1.719

MIN RADIUS: 0.174

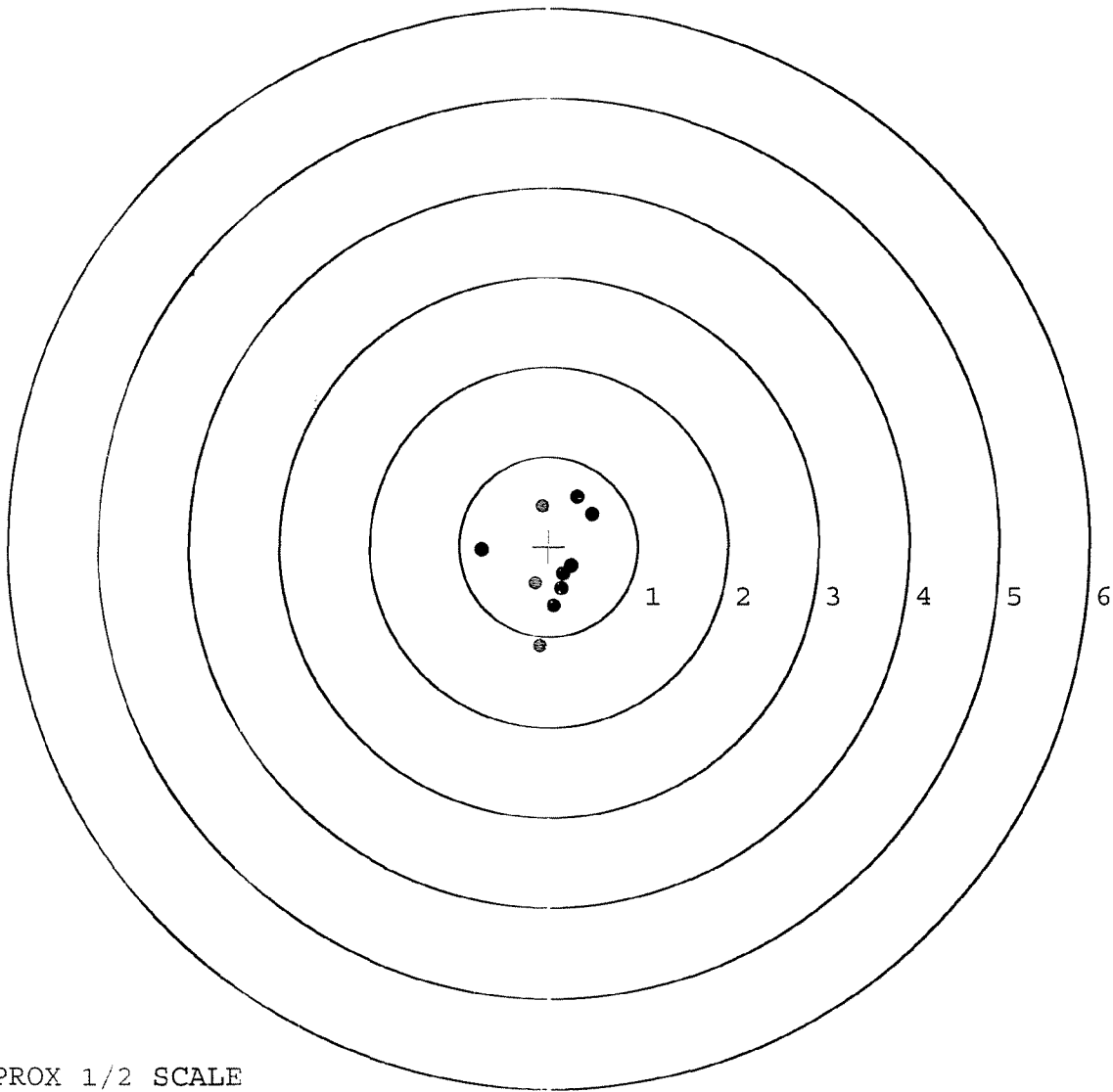
MAX RADIUS: 0.937

MEAN RADIUS: 0.535

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143760

SERIAL NUMBER: G6635214. __0

TARGET NUMBER: 5

FILE DATE: 04/26/2007

FILE TIME: 14:27

POINT#	X	Y
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1:	0.210	0.208
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2:	0.263	-0.352
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3:	-0.766	0.232
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4:	-0.441	0.164
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5:	-0.730	0.566
----	--------	-------

6:	-0.438	-0.107
----	--------	--------

7:	-0.210	-0.095
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8:	0.461	-0.674
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9:	0.509	-0.563
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10:	0.650	-0.499
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X CENTROID: -0.049

Y CENTROID: -0.112

POA TO CENTROID: 0.122

HORZ SPREAD: 1.416

VERT SPREAD: 1.240

GROUP SPREAD: 1.743

MIN RADIUS: 0.162

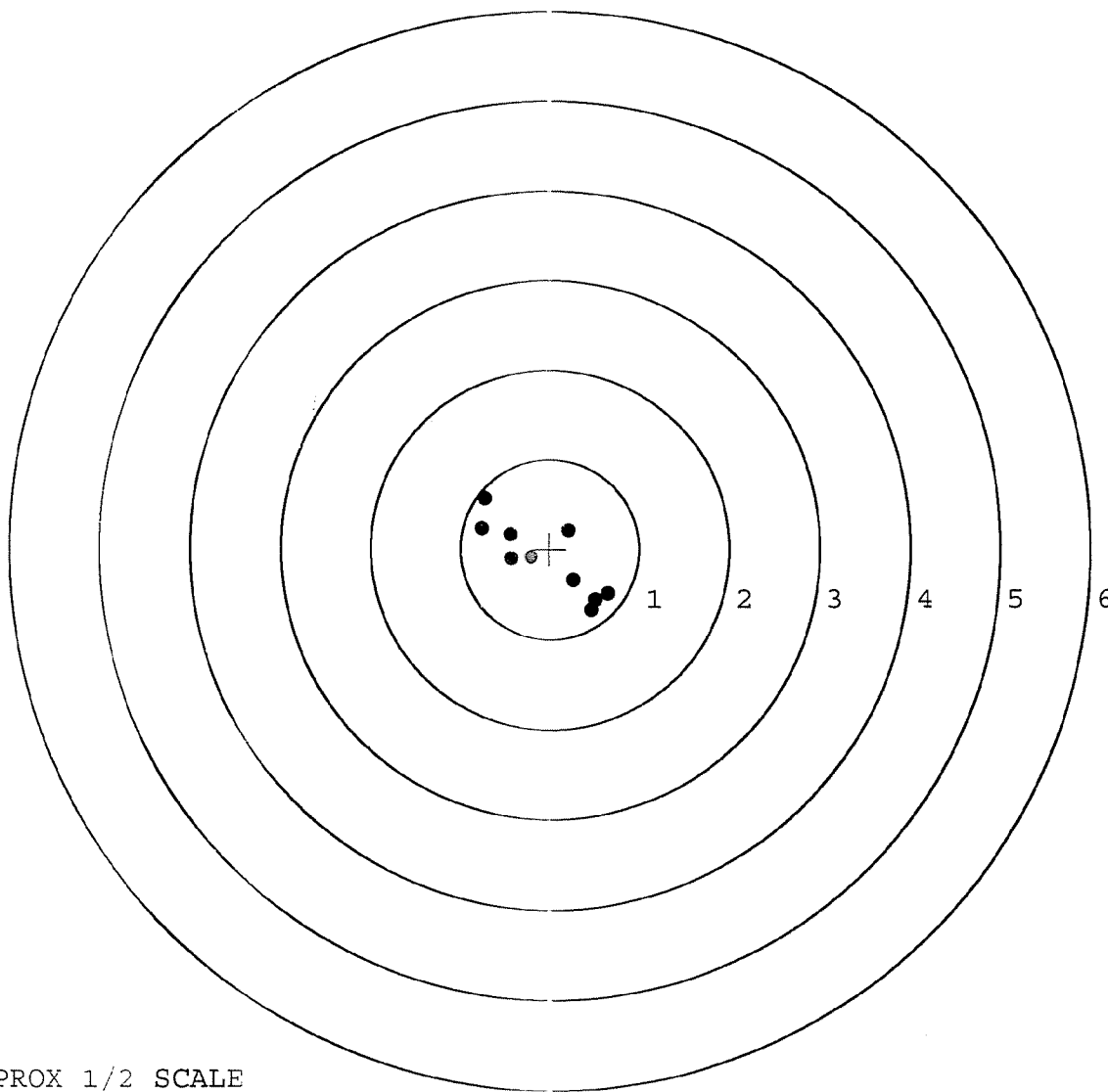
MAX RADIUS: 0.961

MEAN RADIUS: 0.587

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE