

G6635193

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

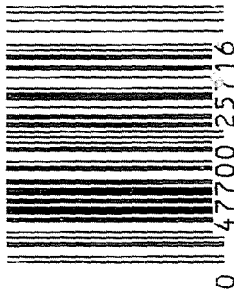
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635193

UPC



ORDER 25716

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

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

UPC



SERIAL NO.



GUN SERIAL # G663519.3

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RJZ
420	ASSEMBLE ACTION		3-12-07	SPD
430	ASSEMBLE TO STOCK		3-12-07	SPD
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE		3-14-07	FM
470	DIS-ASSEMBLE ACTION	INSPECTED MAR 15 2007	3-14-07	RJZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>W. W. W.</u>	3/15/07	W. W. W.
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/30/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/30/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/30/07	SPD
	D) OIL FIRING PIN ASSEMBLY		3/30/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	WJ

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.25</u> <u>8.25</u> <u>8.0</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.25</u> <u>3.25</u> <u>3.0</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>.024</u> <u>.024</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/30/07	S.P.D.
	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 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-2-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-2-07	Fm
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.37</u> <u>2.33</u> <u>2.26</u> <u>2.35</u> <u>2.35</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4/12/07	DA

F004 REV 5/2006

BARBER - M24 0143383AVERAGE 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 3-30-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.22	2.61		2.40	
PULL #2	2.38	2.60		2.69	
PULL #3	2.38	2.68		2.59	
PULL #4	2.31	2.79		2.65	
PULL #5	2.44	2.68		2.73	
TOTAL	11.73	13.36		13.06	
AVERAGE	2.34	2.67		2.61	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.14		
PULL #2	3.13	3.16		
PULL #3	3.14	3.18		
PULL #4	3.09	3.13		
PULL #5	3.04	3.10		
TOTAL	15.47	15.71		
AVERAGE	3.09	3.14		

	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	4.26	4.31		4.26
PULL #2	4.40	4.27		4.13
PULL #3	4.18	4.24		4.16
PULL #4	4.28	4.14		4.15
PULL #5	4.26	4.14		4.14
TOTAL	21.38	21.10		20.84
AVERAGE	4.27	4.22		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635193.___0
FILE DATE AND TIME: 04/02/2007 12:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

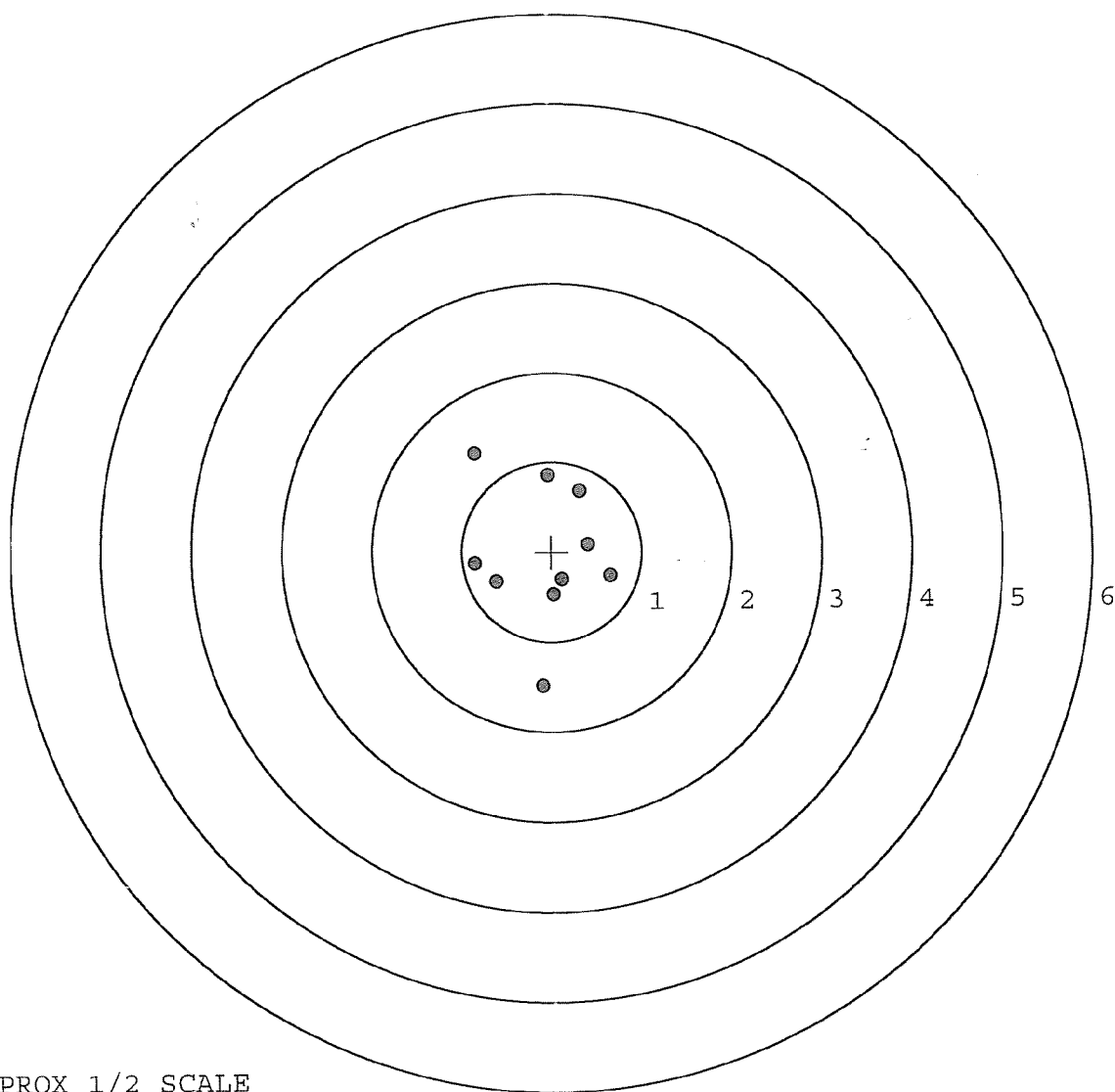
The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.101
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.235
The Distance from Centroid Target #5 to Centroid Target #1:	0.161

BARBER - M24 0143385

SERIAL NUMBER: G6635193. __0
 TARGET NUMBER: 1
 FILE DATE: 04/02/2007
 FILE TIME: 12:37

POINT#	X	Y
1:	-0.108	-1.495
2:	-0.855	-0.129
3:	-0.616	-0.327
4:	0.023	-0.479
5:	0.117	-0.311
6:	0.647	-0.271
7:	0.404	0.085
8:	0.314	0.677
9:	-0.038	0.851
10:	-0.850	1.094

X CENTROID: -0.096
 Y CENTROID: -0.031
 POA TO CENTROID: 0.101
 HORZ SPREAD: 1.502
 VERT SPREAD: 2.589
 GROUP SPREAD: 2.693
 MIN RADIUS: 0.352
 MAX RADIUS: 1.465
 MEAN RADIUS: 0.799
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143386

SERIAL NUMBER: G6635193. __0

TARGET NUMBER: 2

FILE DATE: 04/02/2007

FILE TIME: 12:37

POINT#	X	Y
1:	0.839	-0.562
2:	1.289	0.856
3:	0.167	0.350
4:	0.127	-0.030
5:	0.042	0.012
6:	-0.088	0.020
7:	-0.106	-0.182
8:	-0.417	-0.760
9:	-0.866	-0.844
10:	-0.569	0.289

X CENTROID: 0.042

Y CENTROID: -0.085

POA TO CENTROID: 0.095

HORZ SPREAD: 2.155

VERT SPREAD: 1.700

GROUP SPREAD: 2.745

MIN RADIUS: 0.097

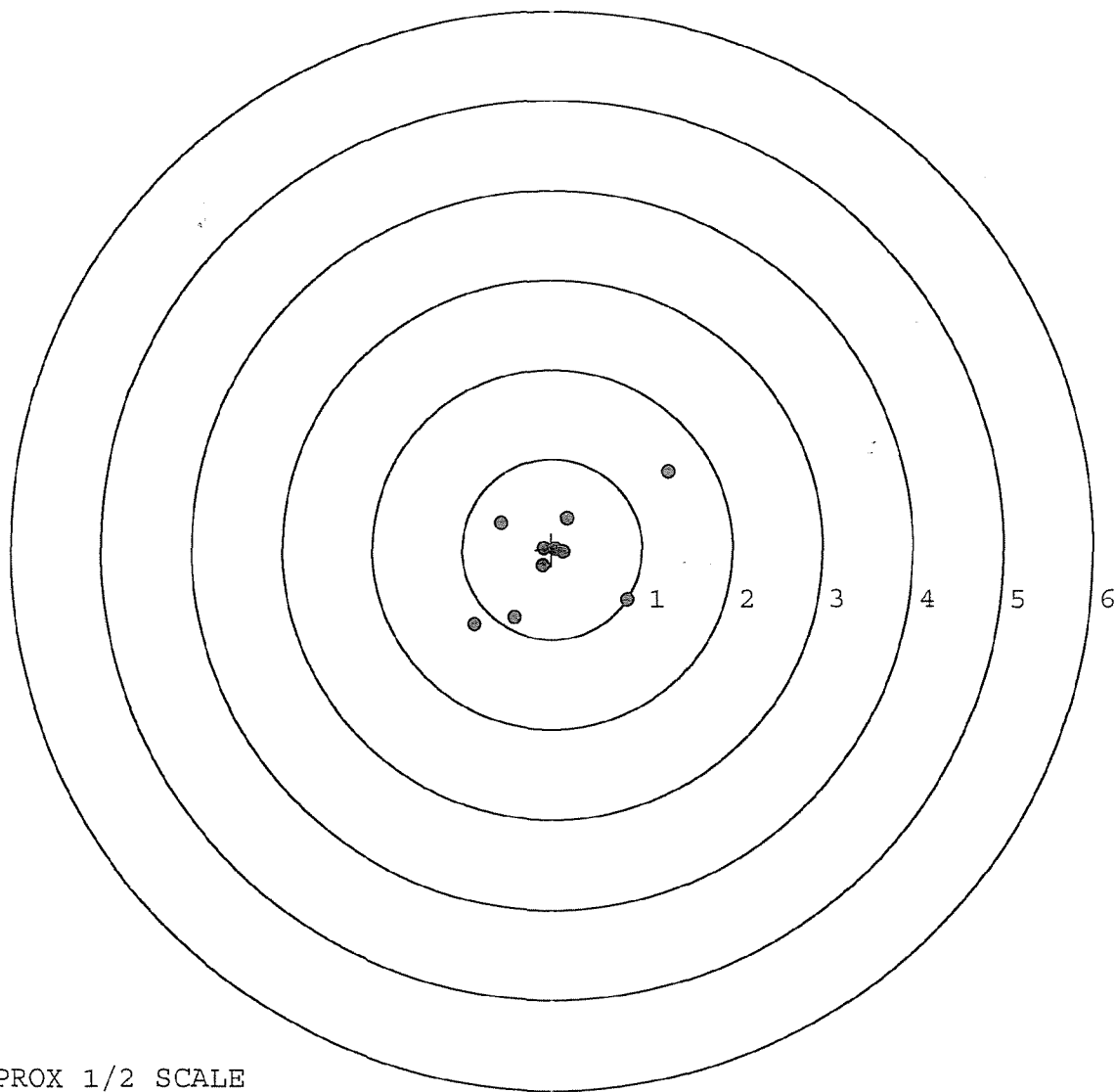
MAX RADIUS: 1.562

MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0143387

SERIAL NUMBER: G6635193. __0

TARGET NUMBER: 3

FILE DATE: 04/02/2007

FILE TIME: 12:37

POINT#	X	Y
1:	0.931	-1.481
2:	0.629	-0.436
3:	0.255	-0.076
4:	0.267	0.471
5:	-0.032	0.955
6:	0.353	1.259
7:	-1.546	-0.180
8:	-0.517	-0.216
9:	-0.214	-0.399
10:	-0.506	-0.528

X CENTROID: -0.038

Y CENTROID: -0.063

POA TO CENTROID: 0.074

HORZ SPREAD: 2.477

VERT SPREAD: 2.740

GROUP SPREAD: 2.800

MIN RADIUS: 0.293

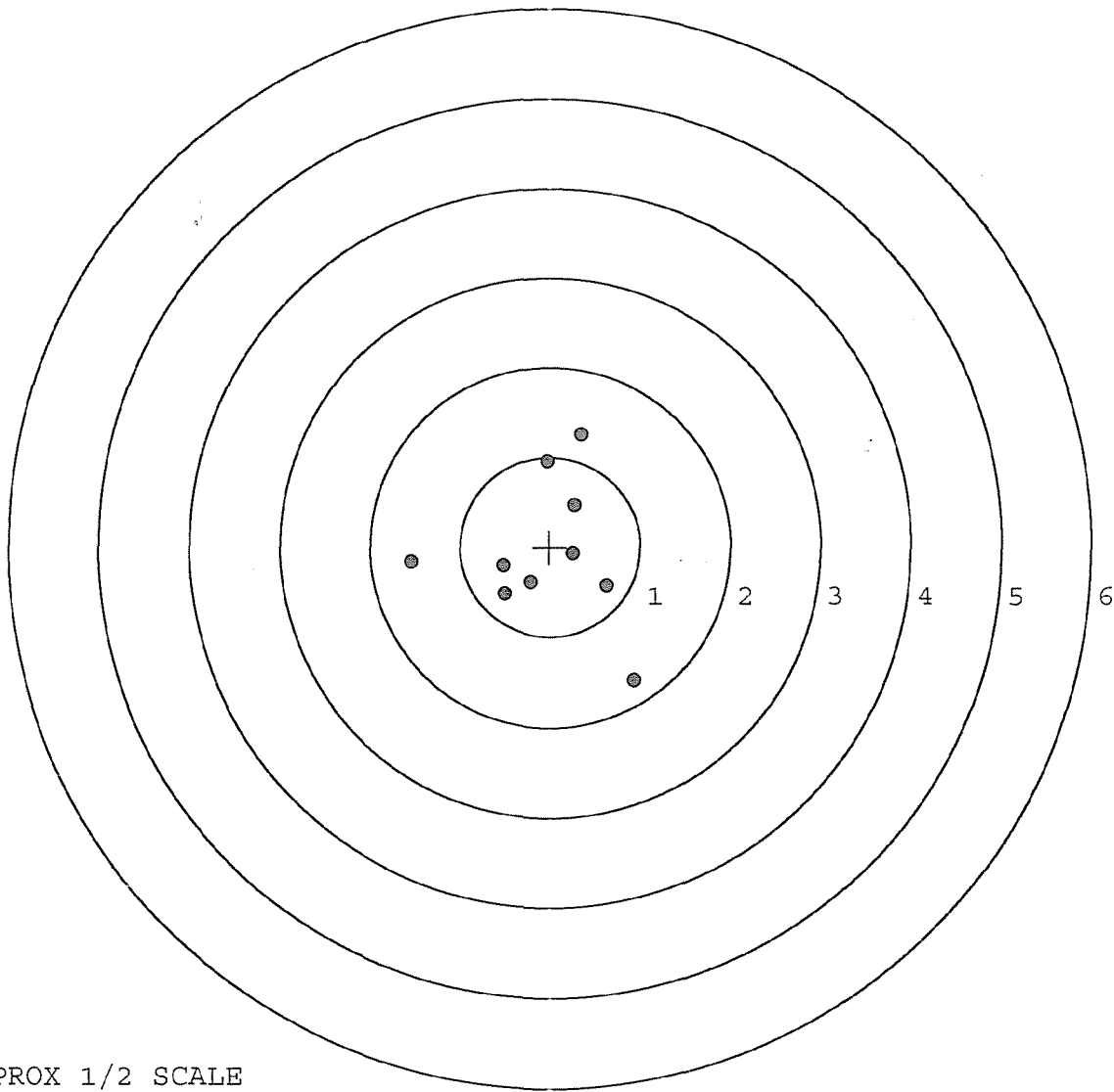
MAX RADIUS: 1.717

MEAN RADIUS: 0.884

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0143388

SERIAL NUMBER: G6635193. __0

TARGET NUMBER: 4

FILE DATE: 04/02/2007

FILE TIME: 12:37

POINT#	X	Y
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1:	0.170	0.675
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2:	-0.274	0.509
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3:	-0.455	0.290
----	--------	-------

4:	-0.460	0.062
----	--------	-------

5:	0.323	-0.526
----	-------	--------

6:	-0.103	-0.519
----	--------	--------

7:	0.584	-0.263
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8:	0.692	-0.131
----	-------	--------

9:	0.473	0.024
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10:	0.425	-0.171
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X CENTROID: 0.137

Y CENTROID: -0.005

POA TO CENTROID: 0.138

HORZ SPREAD: 1.152

VERT SPREAD: 1.201

GROUP SPREAD: 1.225

MIN RADIUS: 0.332

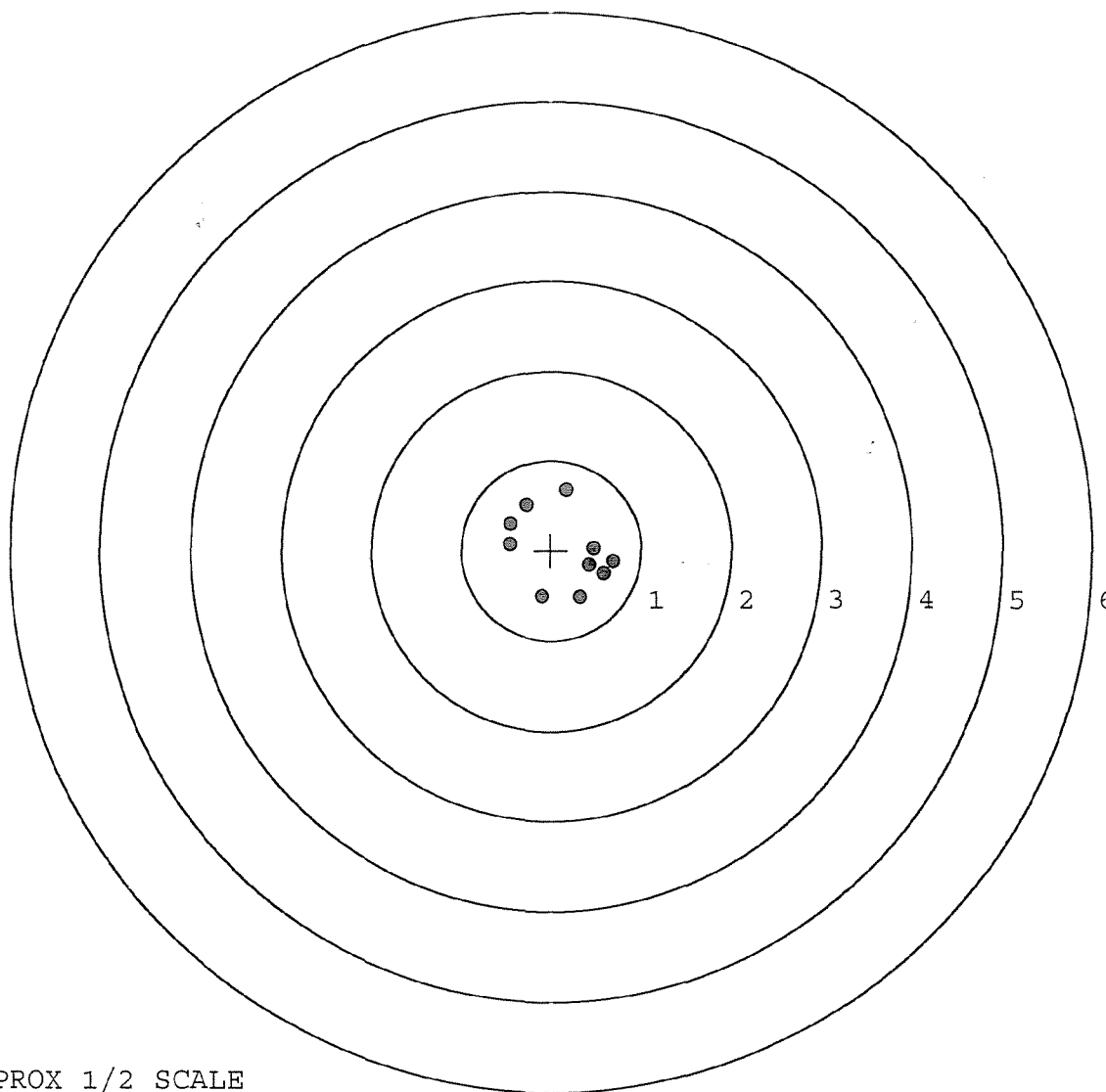
MAX RADIUS: 0.681

MEAN RADIUS: 0.548

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0143389

SERIAL NUMBER: G6635193. __0

TARGET NUMBER: 5

FILE DATE: 04/02/2007

FILE TIME: 12:37

POINT#	X	Y
1:	0.755	-0.537
2:	0.537	-0.371
3:	-0.213	-1.100
4:	-0.251	-0.905
5:	-0.116	-0.334
6:	0.023	0.985
7:	-0.247	0.580
8:	-0.074	0.017
9:	-0.340	0.079
10:	-0.201	-0.101

X CENTROID: -0.013

Y CENTROID: -0.169

POA TO CENTROID: 0.169

HORZ SPREAD: 1.095

VERT SPREAD: 2.085

GROUP SPREAD: 2.098

MIN RADIUS: 0.195

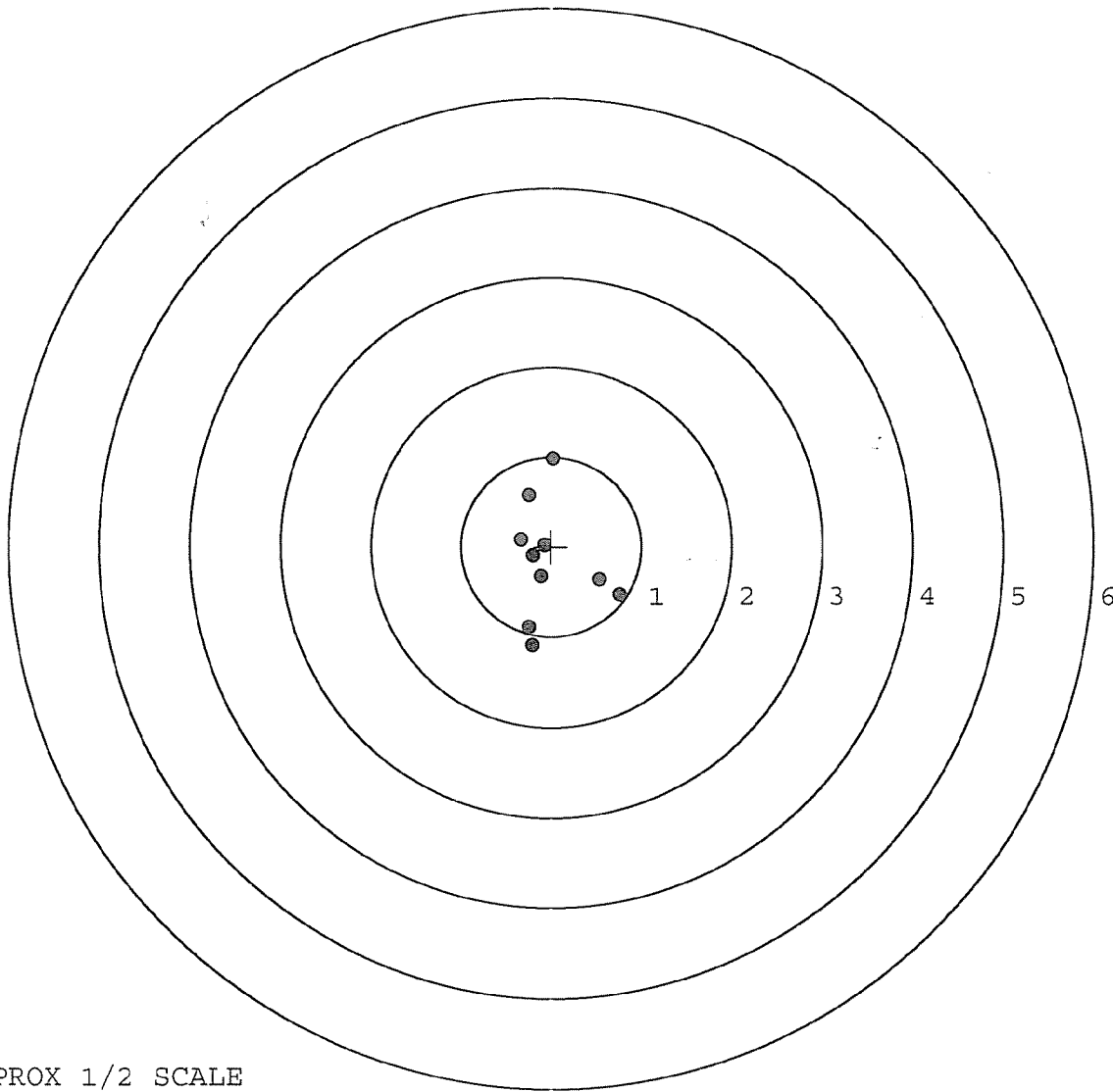
MAX RADIUS: 1.154

MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE