

G 653 5255

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6535255

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

G6535255

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-23-06	RTZ
420	ASSEMBLE ACTION		8-23-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF	MAGNA-FLUX INSPECTED	8-23-06	L.P.D.
460	CHECK HEADSPACE		8-23-06	L.P.D.
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-24-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	8/24/06	<u>unus</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-24-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/29/06	CB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-8-06	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-8-06	AC
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-8-06	AC
	D) OIL FIRING PIN ASSEMBLY		9-9-06	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	<u>unus</u>

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>60</u> <u>55</u> <u>55</u>	9-13-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>25</u> <u>30</u>	9-13-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/11/06	WJH
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.023</u>	9-13-06	DA
	J) ASSEMBLE STOCK		9-9-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		10/11/06	WJH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-9-06	L.P.D.
	M) IRON SIGHT ALIGNMENT		9-9-06	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-9-06	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-11-06	TRC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-11-06	BD
670	FINAL INSPECTION A) HEADSPACE		10/11/06	WJH
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.57</u> <u>2.35</u> <u>2.44</u> <u>2.33</u>	9-13-06	DA
	C) FUNCTION		10/11/06	DA
690	PACK		11/2/06	DA

F004 REV 5/2006

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 8-29-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	246	257		237	
PULL #2	256	256		233	
PULL #3	248	254		239	
PULL #4	243	246		239	
PULL #5	254	242		238	
TOTAL	1247	1255		1186	
AVERAGE	249	251		237	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	342		
PULL #2	310	311		
PULL #3	310	315		
PULL #4	301	310		
PULL #5	298	308		
TOTAL	1528	1586		
AVERAGE	305	317		

	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	403	425		4.03
PULL #2	399	426		4.02
PULL #3	404	412		4.08
PULL #4	400	408		4.11
PULL #5	400	410		4.12
TOTAL	2006	2081		20.36
AVERAGE	4.01	4.16		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535255.___0

FILE DATE AND TIME: 09/11/2006 23:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.090
The Average Y Centroid of the Five Target Set:	-0.140
The Average Point of Impact of the Five Target Set:	0.166
The Average Mean Radius of the Five Target Set:	0.778
The Distance from POA to Centroid Target #1:	0.417
The Distance from Centroid Target #2 to Centroid Target #1:	0.218
The Distance from Centroid Target #3 to Centroid Target #1:	0.411
The Distance from Centroid Target #4 to Centroid Target #1:	0.549
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

BARBER - M24 0090229

SERIAL NUMBER: G6535255. 0

TARGET NUMBER: 1

FILE DATE: 09/11/2006

FILE TIME: 23:51

POINT#	X	Y
1:	-0.038	0.417
2:	-0.431	0.163
3:	0.162	-0.023
4:	0.349	0.089
5:	0.693	-0.227
6:	0.169	-0.616
7:	1.023	-2.433
8:	0.634	-0.869
9:	0.046	0.043
10:	-0.059	0.156

X CENTROID: 0.255

Y CENTROID: -0.330

POA TO CENTROID: 0.417

HORZ SPREAD: 1.454

VERT SPREAD: 2.850

GROUP SPREAD: 3.041

MIN RADIUS: 0.299

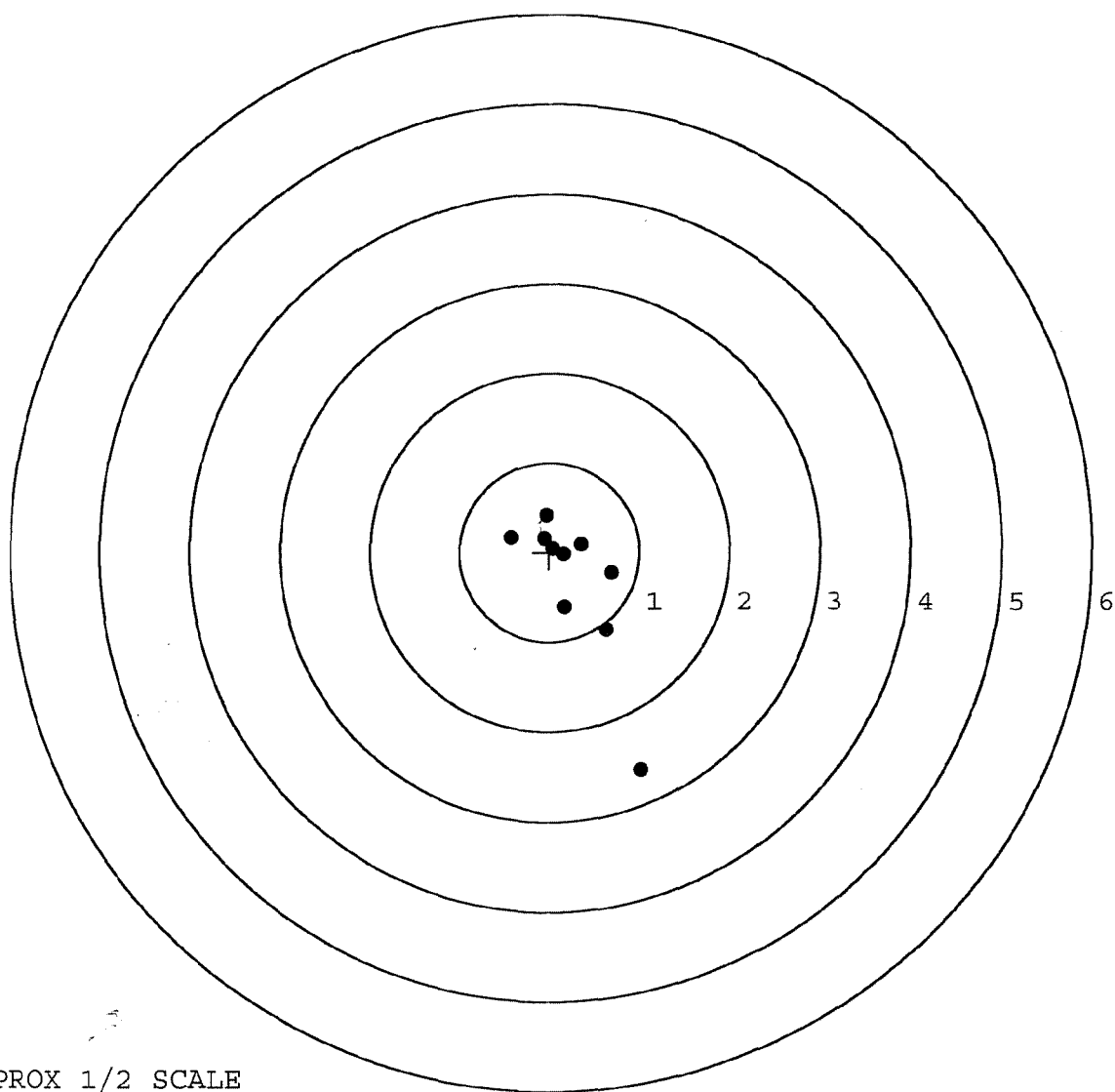
MAX RADIUS: 2.239

MEAN RADIUS: 0.705

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0090230

SERIAL NUMBER: G6535255. 0

TARGET NUMBER: 2

FILE DATE: 09/11/2006

FILE TIME: 23:51

POINT#	X	Y
1:	-0.271	0.974
2:	-0.181	0.420
3:	0.517	0.876
4:	0.197	-0.194
5:	0.600	-0.293
6:	0.266	-0.772
7:	0.814	-1.099
8:	0.820	-1.610
9:	-0.782	-0.854
10:	-1.489	-0.037

X CENTROID: 0.049

Y CENTROID: -0.259

POA TO CENTROID: 0.264

HORZ SPREAD: 2.309

VERT SPREAD: 2.584

GROUP SPREAD: 2.805

MIN RADIUS: 0.162

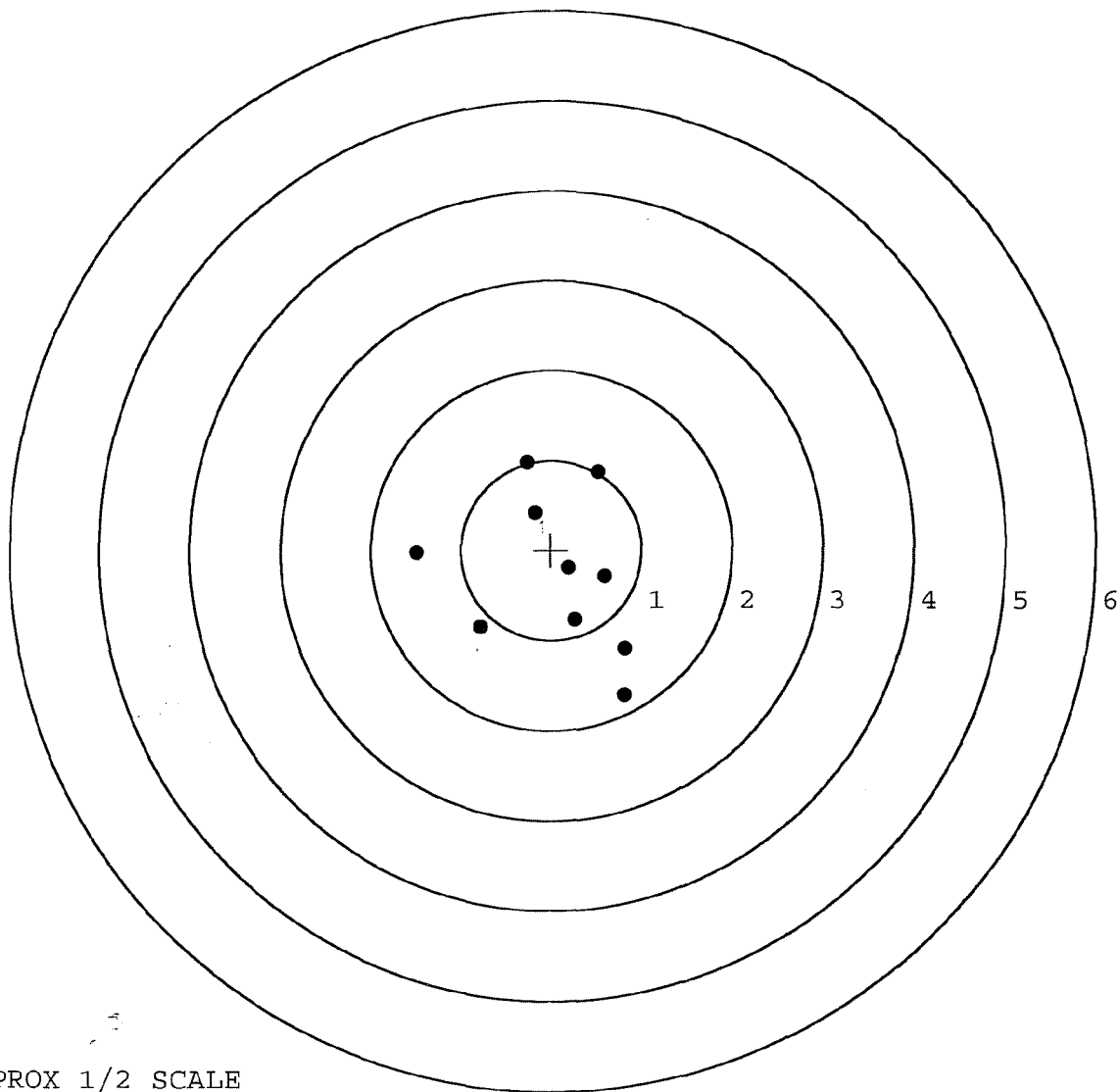
MAX RADIUS: 1.556

MEAN RADIUS: 0.976

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0090231

SERIAL NUMBER: G6535255. __0

TARGET NUMBER: 3

FILE DATE: 09/11/2006

FILE TIME: 23:51

POINT#	X	Y
1:	0.848	1.083
2:	-0.032	0.557
3:	-0.489	0.285
4:	0.712	0.267
5:	0.616	0.024
6:	0.436	-0.057
7:	0.462	-0.481
8:	-0.307	-0.404
9:	-0.735	-0.527
10:	0.561	0.031

X CENTROID: 0.207

Y CENTROID: 0.078

POA TO CENTROID: 0.221

HORZ SPREAD: 1.583

VERT SPREAD: 1.610

GROUP SPREAD: 2.258

MIN RADIUS: 0.266

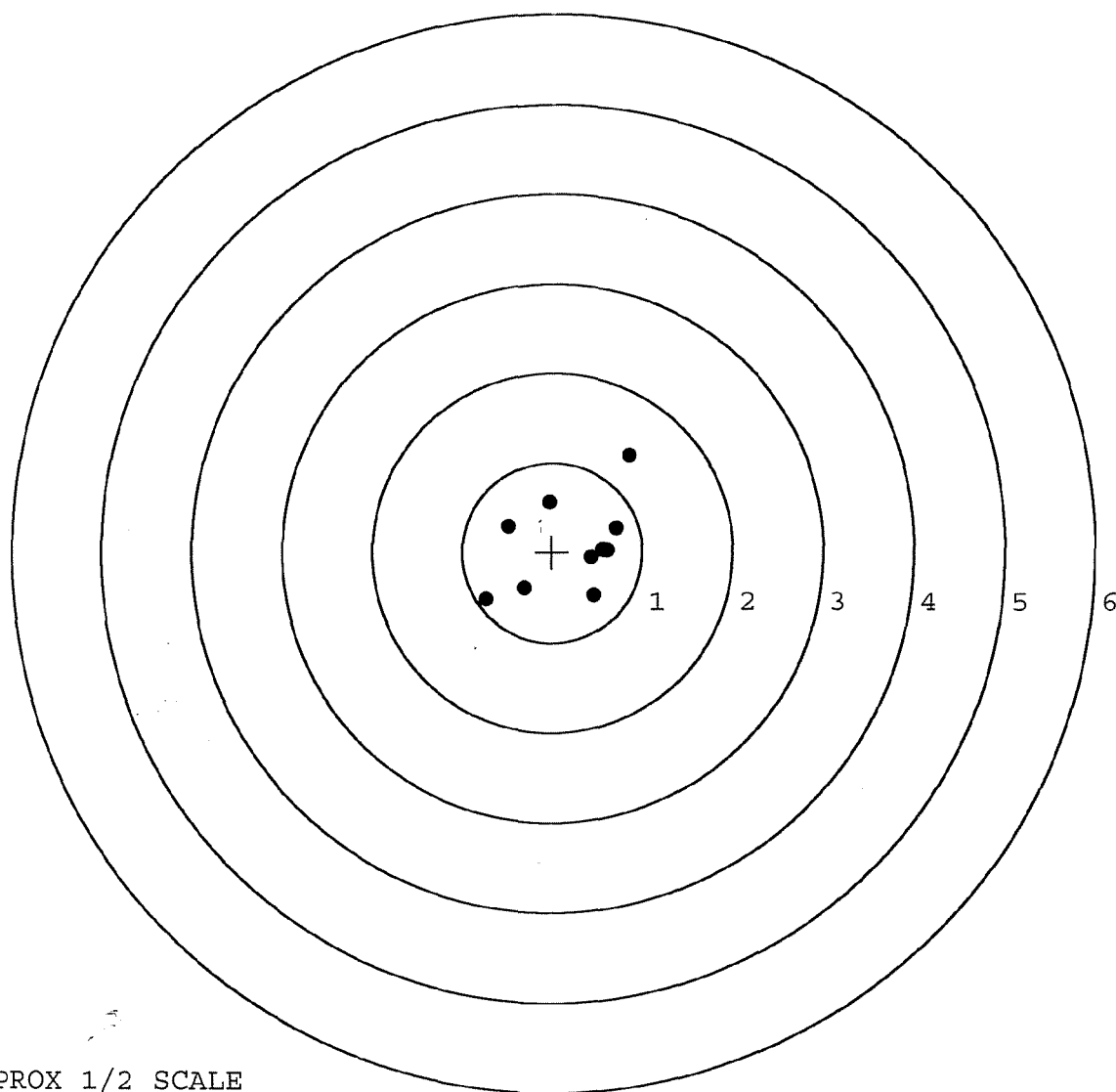
MAX RADIUS: 1.192

MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090232

SERIAL NUMBER: G6535255. 0

TARGET NUMBER: 4

FILE DATE: 09/11/2006

FILE TIME: 23:51

POINT#	X	Y
1:	-0.842	1.206
2:	-0.345	0.287
3:	0.552	0.206
4:	0.442	-0.320
5:	0.493	-0.669
6:	0.298	-0.891
7:	0.051	-0.311
8:	-0.593	-0.482
9:	-1.000	-0.129
10:	-0.747	1.285

X CENTROID: -0.169

Y CENTROID: 0.018

POA TO CENTROID: 0.170

HORZ SPREAD: 1.552

VERT SPREAD: 2.176

GROUP SPREAD: 2.414

MIN RADIUS: 0.321

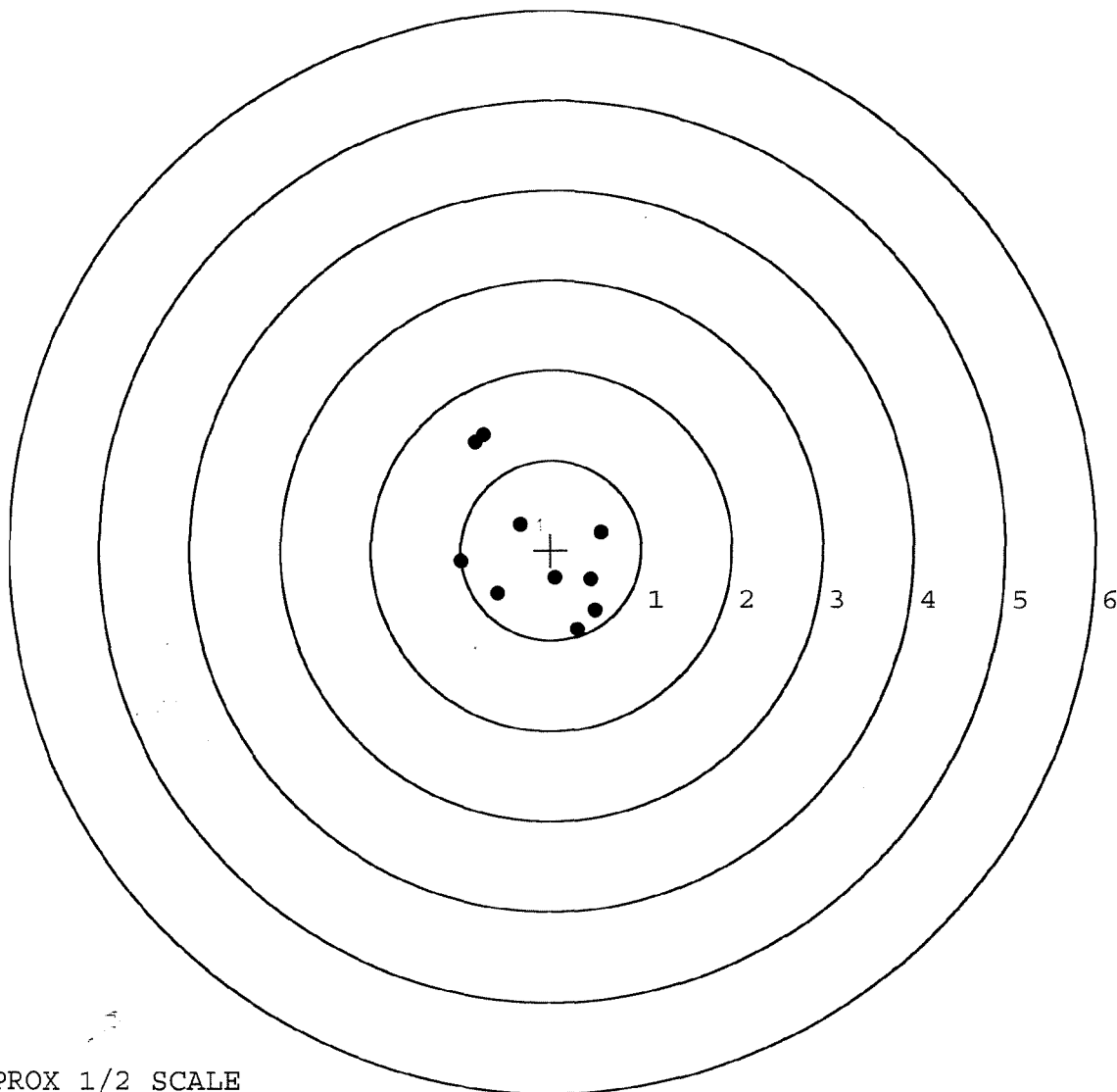
MAX RADIUS: 1.392

MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090233

SERIAL NUMBER: G6535255. __ 0

TARGET NUMBER: 5

FILE DATE: 09/11/2006

FILE TIME: 23:51

POINT#	X	Y
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1:	-1.081	0.935
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2:	-0.719	0.137
----	--------	-------

3:	-0.261	-0.031
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4:	0.430	0.148
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5:	1.438	-0.249
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6:	0.261	-0.254
----	-------	--------

7:	0.105	-0.341
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8:	0.144	-0.645
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9:	-0.105	-0.913
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10:	0.891	-0.847
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X CENTROID: 0.110

Y CENTROID: -0.206

POA TO CENTROID: 0.234

HORZ SPREAD: 2.519

VERT SPREAD: 1.848

GROUP SPREAD: 2.783

MIN RADIUS: 0.135

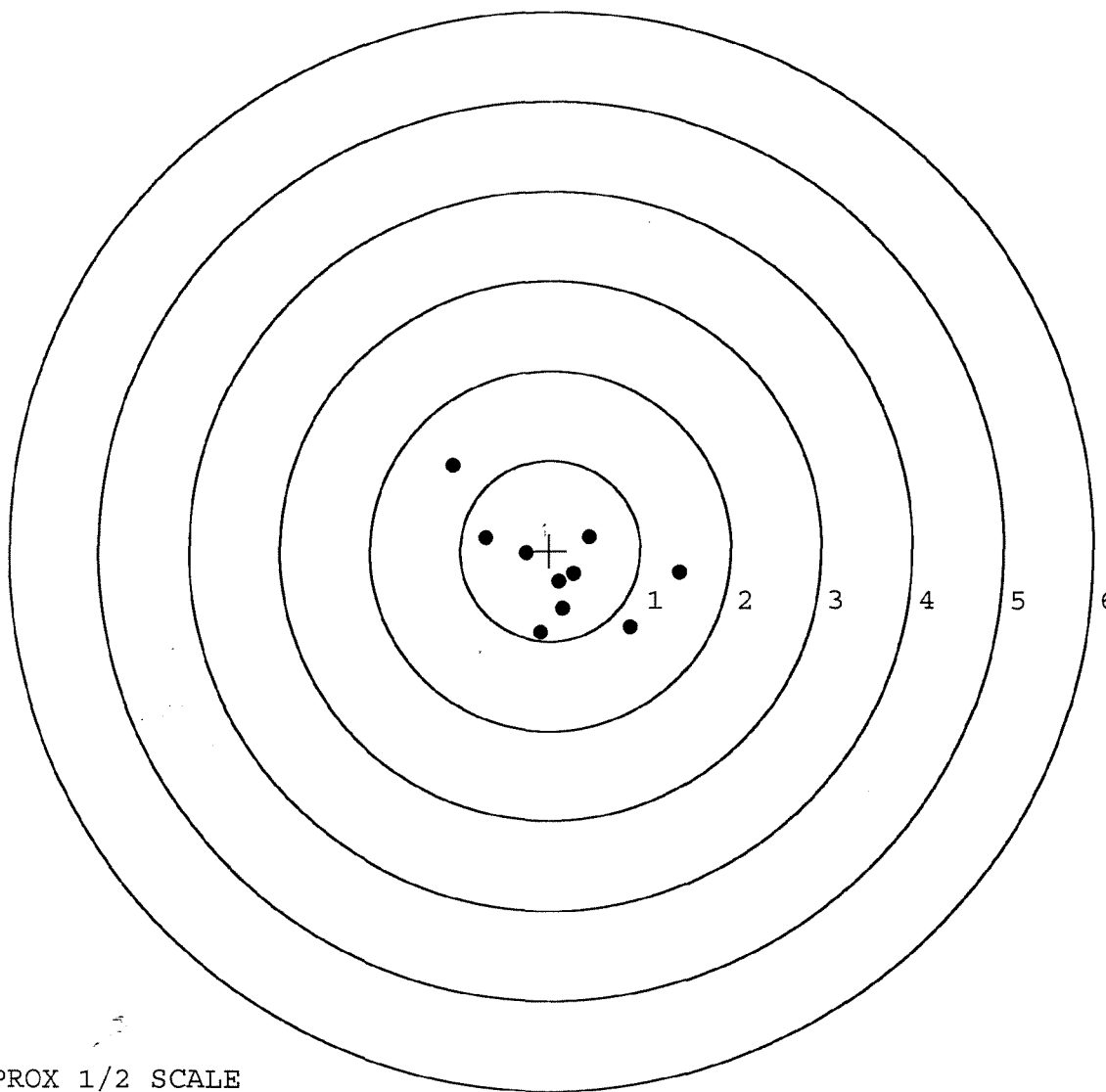
MAX RADIUS: 1.650

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE