

G-6637722

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



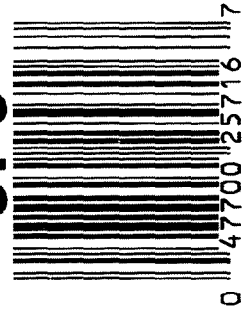
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6637722

UPC



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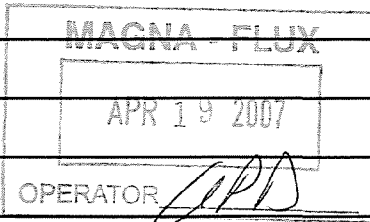


SERIAL NO.



GUN SERIAL # 66637722

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		4-19-07	SD
520	GOFF BLAST BBL / REC		4/19/07	ms
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4/25/07	W
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		4/27/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		5/22/07	ms



F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>5.5</u>	5-29-07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	5-29-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	nm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	5-29-07	DA
	J) ASSEMBLE STOCK		4/27/07	DA
	K) ASSEMBLE SWIVEL STUDS		6-8-07	SD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	nm
	M) IRON SIGHT ALIGNMENT		6/8/07	nm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	nm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/30/07	nm
	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	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.48</u> <u>2.49</u> <u>2.51</u> <u>2.62</u> <u>2.46</u>	5/22/07	nm
	C) FUNCTION		6/8/07	nm
690	PACK		6-25-07	DA

F004 REV 5/2006

BARBER - M24 0145349AVERAGE 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 4-27-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.08		2.26	
PULL #2	2.37	2.19		2.27	
PULL #3	2.45	2.07		2.18	
PULL #4	2.71	2.10		2.18	
PULL #5	2.63	2.09		2.17	
TOTAL	12.74	10.53		11.06	
AVERAGE	2.54	2.10		2.21	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.33		
PULL #2	3.20	3.34		
PULL #3	3.18	3.37		
PULL #4	3.07	3.33		
PULL #5	2.98	3.26		
TOTAL	15.54	16.63		
AVERAGE	3.10	3.32		

	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	4.24	4.26		4.07
PULL #2	4.33	4.55		4.14
PULL #3	4.20	4.29		4.35
PULL #4	4.22	4.26		4.37
PULL #5	4.08	4.16		4.34
TOTAL	21.07	21.52		21.27
AVERAGE	4.21	4.30		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637722.___0
FILE DATE AND TIME: 05/01/2007 00:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.032
The Average Y Centroid of the Five Target Set:	0.112
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.068
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.097
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

BARBER - M24 0145351

SERIAL NUMBER: G6637722. __0

TARGET NUMBER: 1

FILE DATE: 05/01/2007

FILE TIME: 00:15

POINT#	X	Y
1:	-0.616	0.198
2:	-0.641	0.038
3:	-0.667	-0.336
4:	-0.122	-0.253
5:	0.001	-0.095
6:	-0.084	0.048
7:	0.382	-0.430
8:	0.766	-0.218
9:	1.070	0.117
10:	0.504	1.267

X CENTROID: 0.059

Y CENTROID: 0.034

POA TO CENTROID: 0.068

HORZ SPREAD: 1.737

VERT SPREAD: 1.697

GROUP SPREAD: 1.985

MIN RADIUS: 0.141

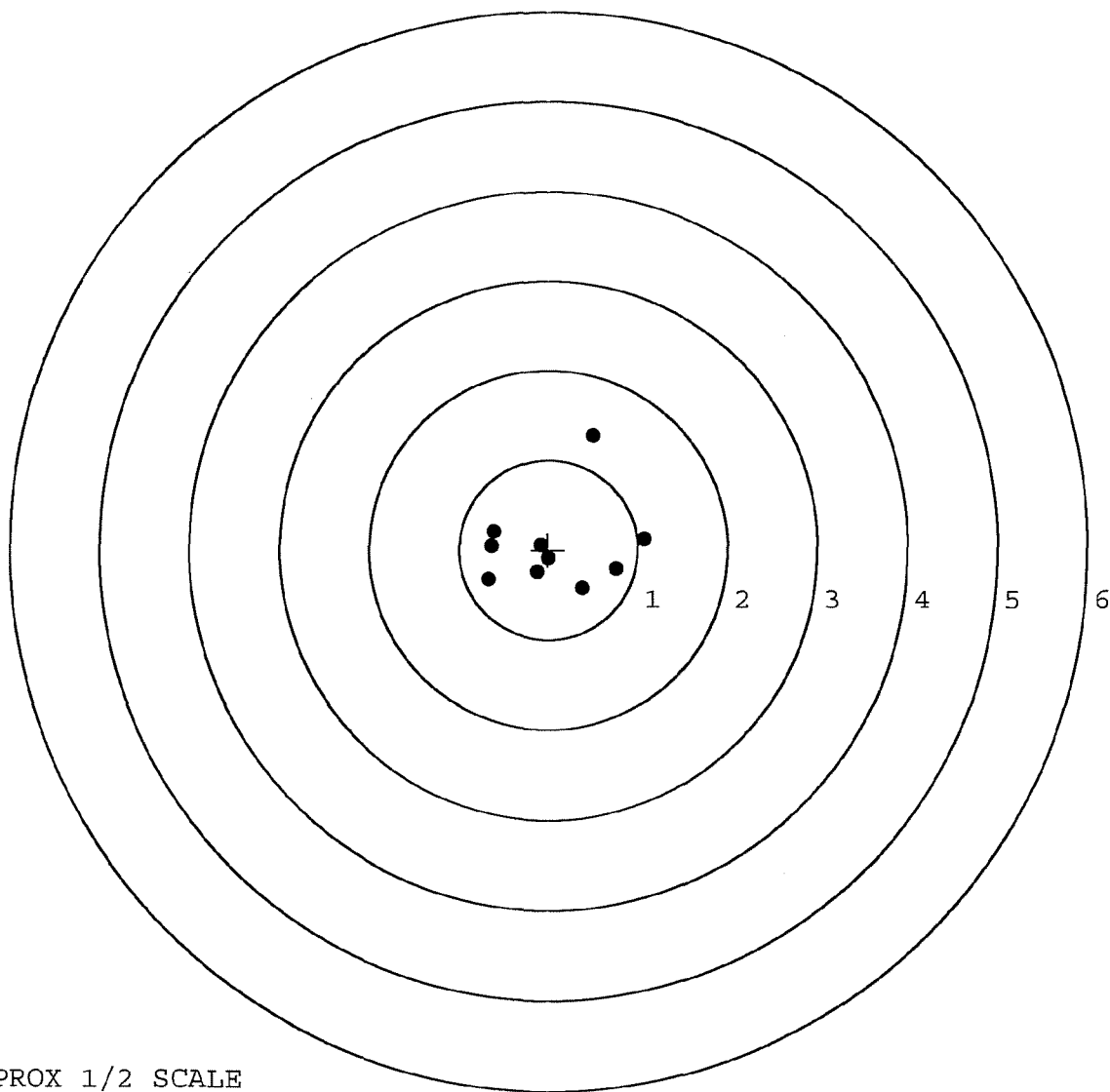
MAX RADIUS: 1.311

MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

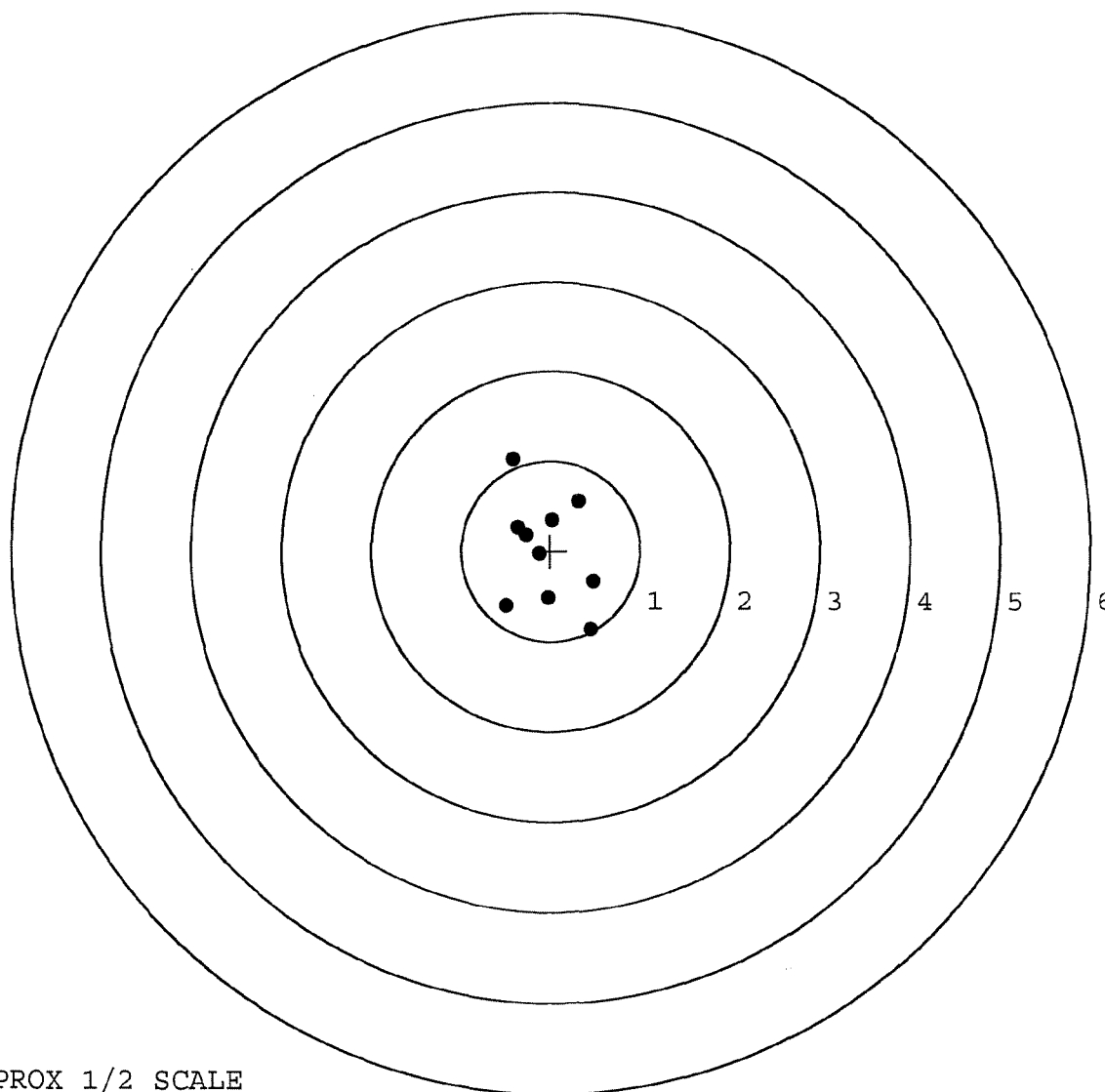
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145352

SERIAL NUMBER: G6637722. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.419	1.015
FILE DATE: 05/01/2007	2:	-0.372	0.264
FILE TIME: 00:15	3:	-0.276	0.175
	4:	0.015	0.343
X CENTROID: -0.046	5:	0.312	0.557
Y CENTROID: -0.002	6:	-0.124	-0.031
POA TO CENTROID: 0.046	7:	-0.496	-0.612
HORZ SPREAD: 0.976	8:	-0.033	-0.521
VERT SPREAD: 1.885	9:	0.480	-0.339
GROUP SPREAD: 2.077	10:	0.452	-0.870
MIN RADIUS: 0.083			
MAX RADIUS: 1.083			
MEAN RADIUS: 0.579			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0145353

SERIAL NUMBER: G6637722. __ 0

TARGET NUMBER: 3

FILE DATE: 05/01/2007

FILE TIME: 00:15

POINT#	X	Y
1:	0.024	0.385
2:	-0.063	0.259
3:	-0.321	0.085
4:	-0.337	-0.083
5:	-0.098	-0.191
6:	0.040	-0.317
7:	0.055	-0.502
8:	0.103	-0.133
9:	0.373	0.060
10:	0.586	-0.166

X CENTROID: 0.036

Y CENTROID: -0.060

POA TO CENTROID: 0.070

HORZ SPREAD: 0.923

VERT SPREAD: 0.887

GROUP SPREAD: 0.941

MIN RADIUS: 0.099

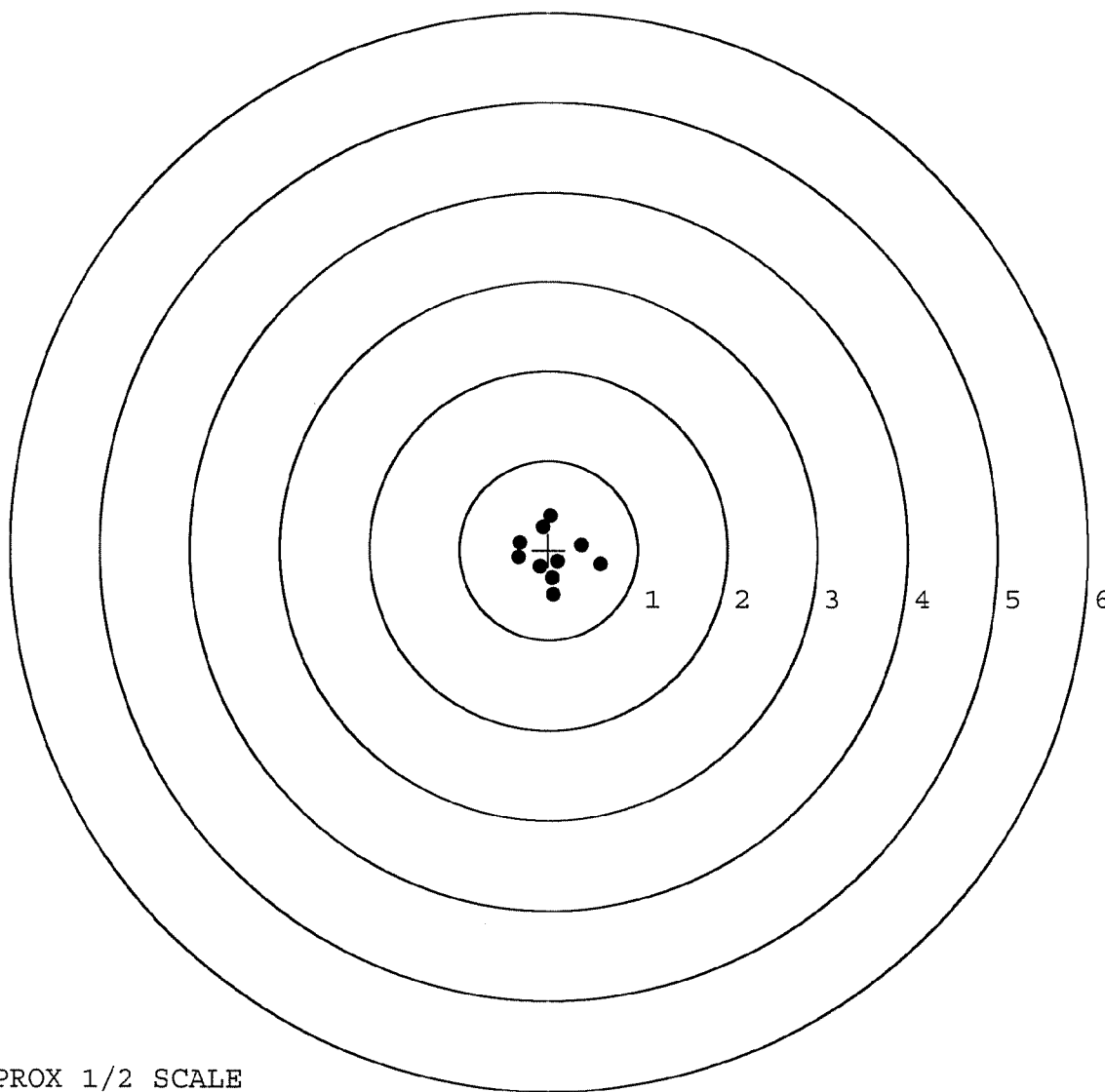
MAX RADIUS: 0.560

MEAN RADIUS: 0.344

IN 1 IN DIAMETER: 9

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145354

SERIAL NUMBER: G6637722. 0

TARGET NUMBER: 4

FILE DATE: 05/01/2007

FILE TIME: 00:15

POINT#	X	Y
1:	-0.587	0.447
2:	-0.385	0.406
3:	-0.520	0.039
4:	-0.209	-0.774
5:	0.062	-0.506
6:	0.599	-0.144
7:	0.637	0.519
8:	0.188	0.481
9:	0.217	1.289
10:	-0.040	2.050

X CENTROID: -0.004

Y CENTROID: 0.381

POA TO CENTROID: 0.381

HORZ SPREAD: 1.224

VERT SPREAD: 2.824

GROUP SPREAD: 2.829

MIN RADIUS: 0.216

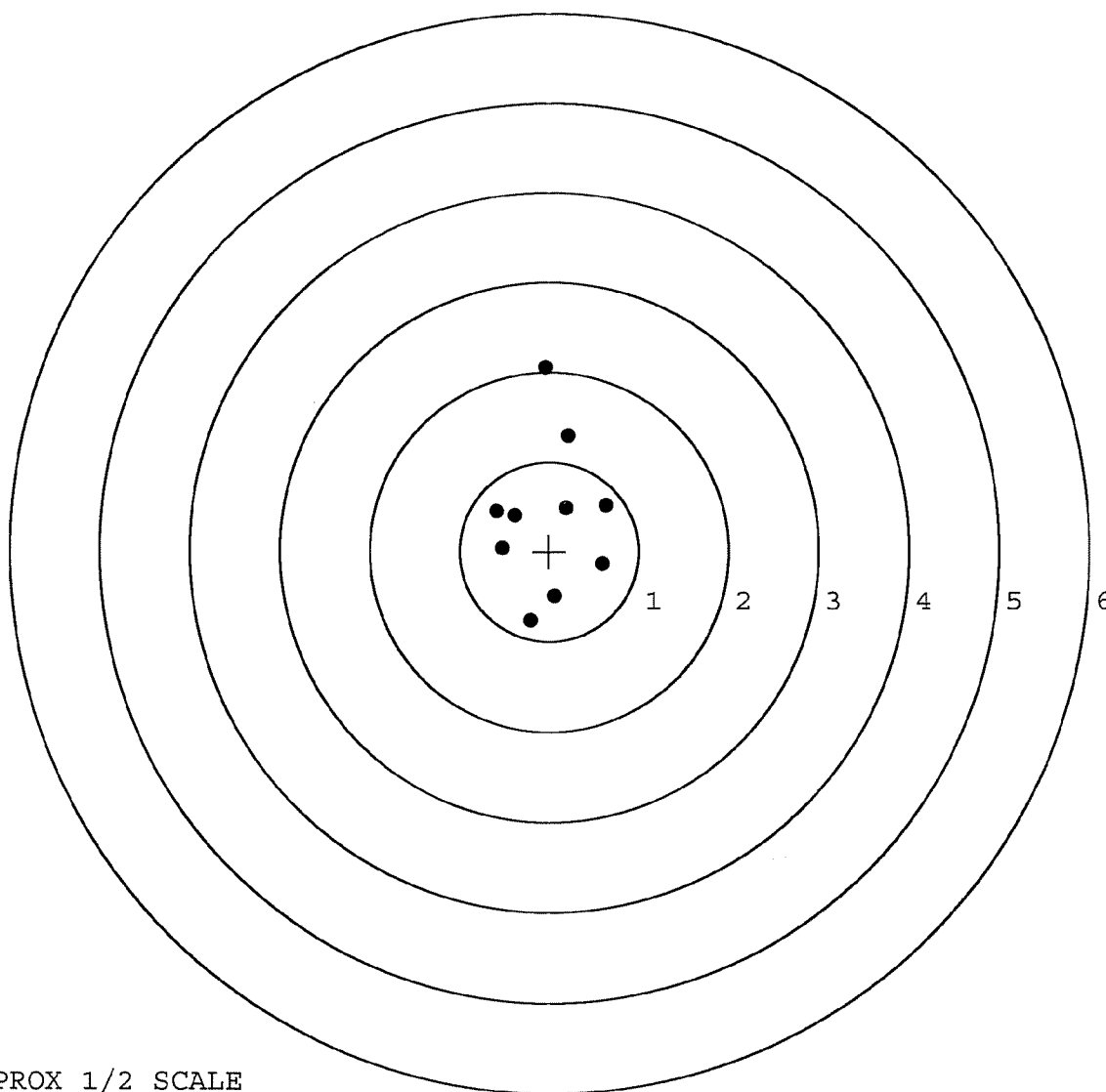
MAX RADIUS: 1.670

MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0145355

SERIAL NUMBER: G6637722. __ 0

TARGET NUMBER: 5

FILE DATE: 05/01/2007

FILE TIME: 00:15

POINT#	X	Y
1:	-0.588	0.586
2:	-0.505	0.722
3:	-0.453	0.864
4:	0.026	0.988
5:	0.432	0.324
6:	1.090	0.096
7:	0.864	-0.293
8:	0.230	-0.187
9:	0.400	-0.453
10:	-0.353	-0.572

X CENTROID: 0.114

Y CENTROID: 0.207

POA TO CENTROID: 0.237

HORZ SPREAD: 1.678

VERT SPREAD: 1.560

GROUP SPREAD: 1.748

MIN RADIUS: 0.338

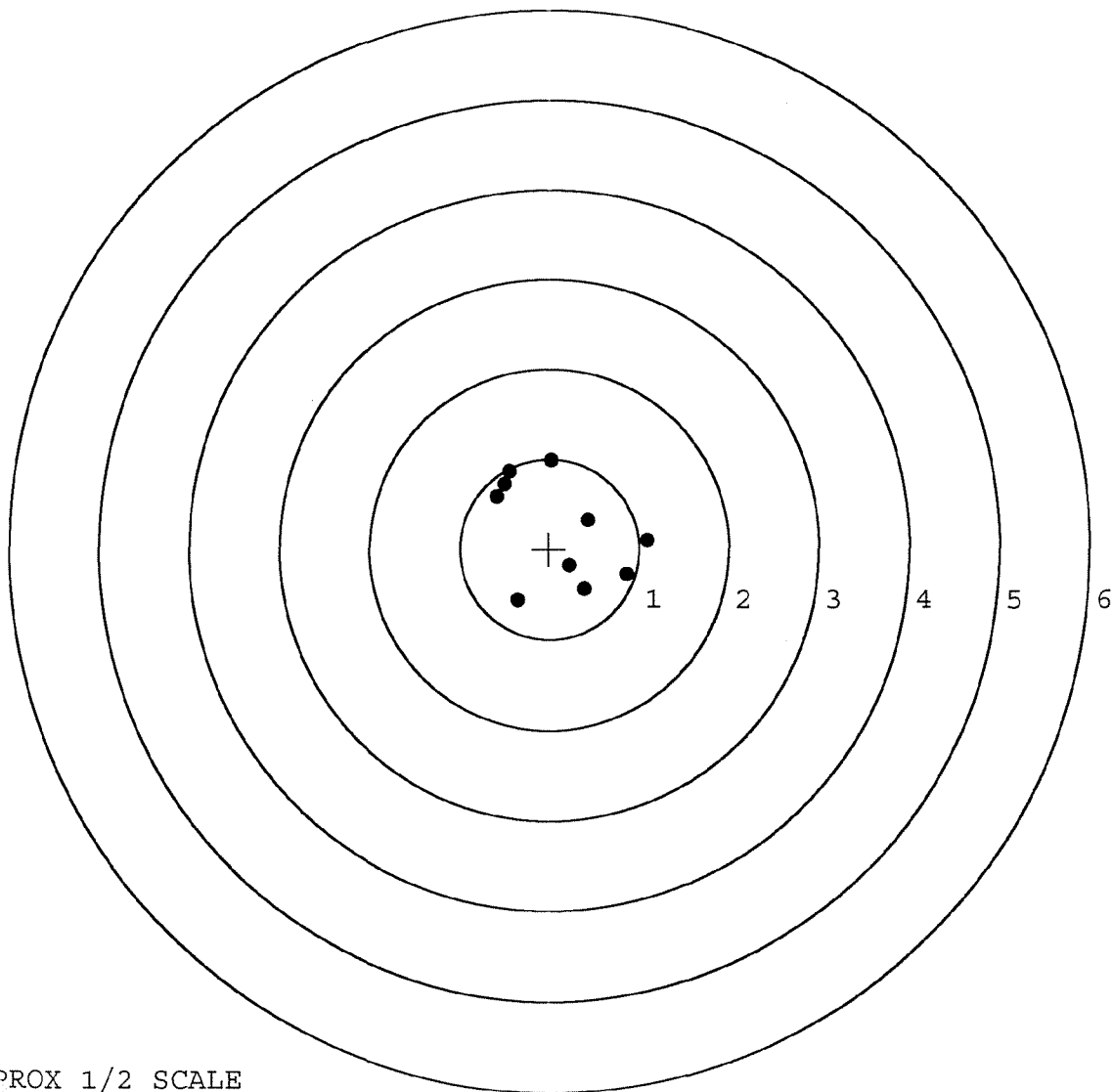
MAX RADIUS: 0.982

MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



PROX 1/2 SCALE