

06637661

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



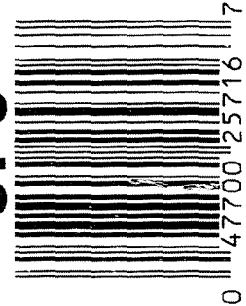
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6637661

UPC



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



GUN SERIAL # 66637661

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RTZ
420	ASSEMBLE ACTION		3-13-07	J.P.D.
430	ASSEMBLE TO STOCK		3-13-07	J.P.D.
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 15 2007	3-14-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unsub</u>	3/15/07	unsub
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRLJ
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	w)
560	RE-ASSEMBLE ACTION		3-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/28/07	J.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	mon
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.0</u> <u>8.25</u> <u>8.25</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.0</u> <u>2.5</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.025</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/28/07	L.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	4/13/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-3-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.53</u> <u>2.53</u> <u>2.44</u> <u>2.64</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4/13/07	RA

F004 REV 5/2006

BARBER - M24 0144304AVERAGE 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

3-28-07

TESTER

Fm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.59		2.69	
PULL #2	2.44	2.60		2.82	
PULL #3	2.50	2.79		2.75	
PULL #4	2.59	2.68		2.78	
PULL #5	2.62	2.86		2.71	
TOTAL	12.70	13.52		13.75	
AVERAGE	2.54	2.70		2.75	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.14		
PULL #2	3.06	3.06		
PULL #3	2.99	3.01		
PULL #4	2.96	3.15		
PULL #5	3.02	2.93		
TOTAL	15.11	15.29		
AVERAGE	3.02	3.05		

	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	4.01	3.74		3.97
PULL #2	4.03	3.90		3.94
PULL #3	4.03	3.88		4.04
PULL #4	3.95	3.88		3.94
PULL #5	4.03	3.89		4.07
TOTAL	20.05	19.29		19.96
AVERAGE	4.01	3.85		3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637661.__0

FILE DATE AND TIME: 04/03/2007 23:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

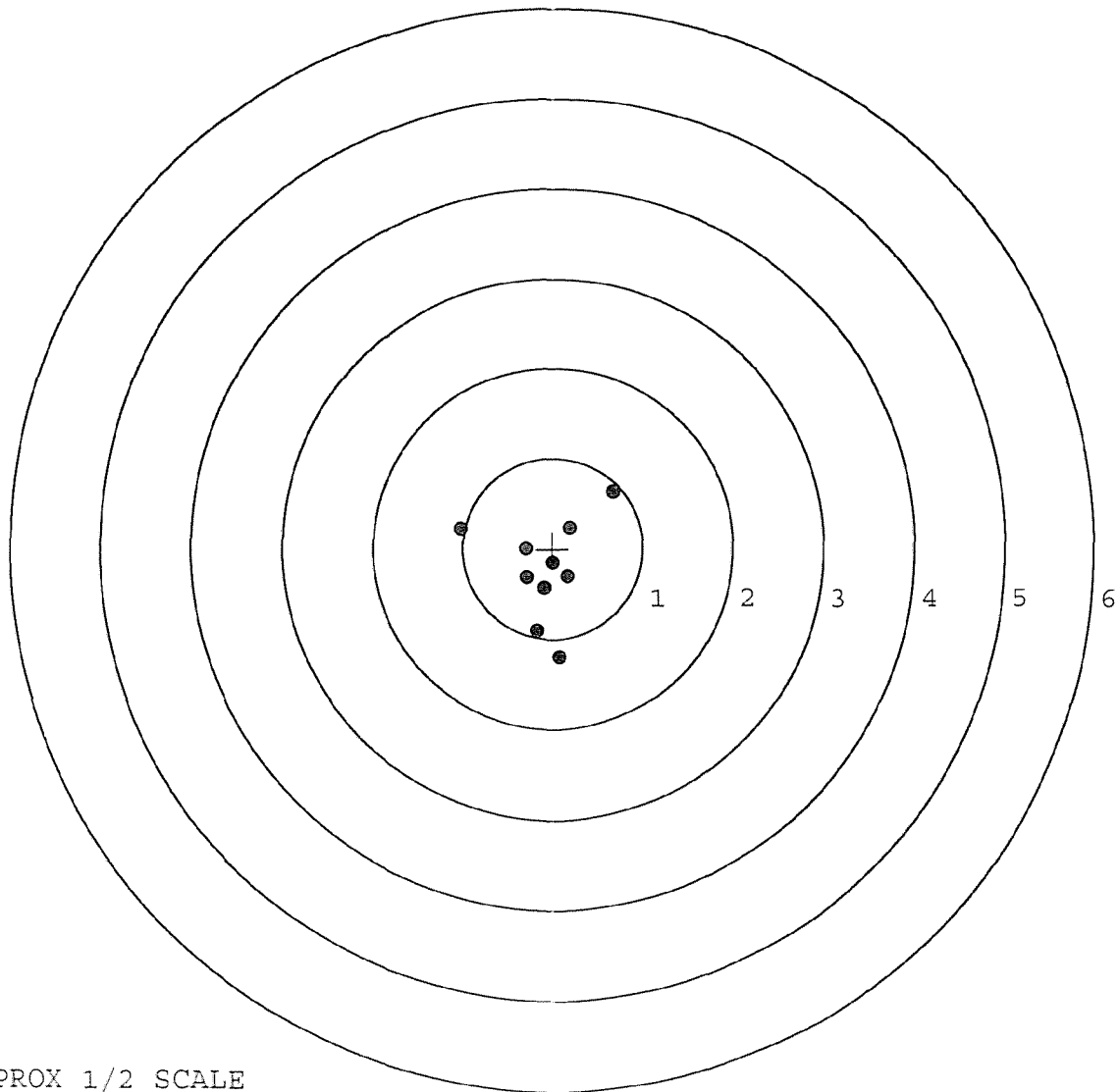
The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.105
The Average Mean Radius of the Five Target Set:	0.614
The Distance from POA to Centroid Target #1:	0.242
The Distance from Centroid Target #2 to Centroid Target #1:	0.363
The Distance from Centroid Target #3 to Centroid Target #1:	0.636
The Distance from Centroid Target #4 to Centroid Target #1:	0.337
The Distance from Centroid Target #5 to Centroid Target #1:	0.167

BARBER - M24 0144306

SERIAL NUMBER: G6637661. __0
TARGET NUMBER: 1
FILE DATE: 04/03/2007
FILE TIME: 23:47

POINT#	X	Y
1:	0.192	0.233
2:	0.668	0.621
3:	0.170	-0.309
4:	0.002	-0.155
5:	-0.299	0.001
6:	-0.290	-0.323
7:	-0.097	-0.441
8:	-0.175	-0.918
9:	0.076	-1.212
10:	-1.032	0.213

X CENTROID: -0.078
Y CENTROID: -0.229
POA TO CENTROID: 0.242
HORZ SPREAD: 1.700
VERT SPREAD: 1.833
GROUP SPREAD: 1.926
MIN RADIUS: 0.109
MAX RADIUS: 1.131
MEAN RADIUS: 0.554
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



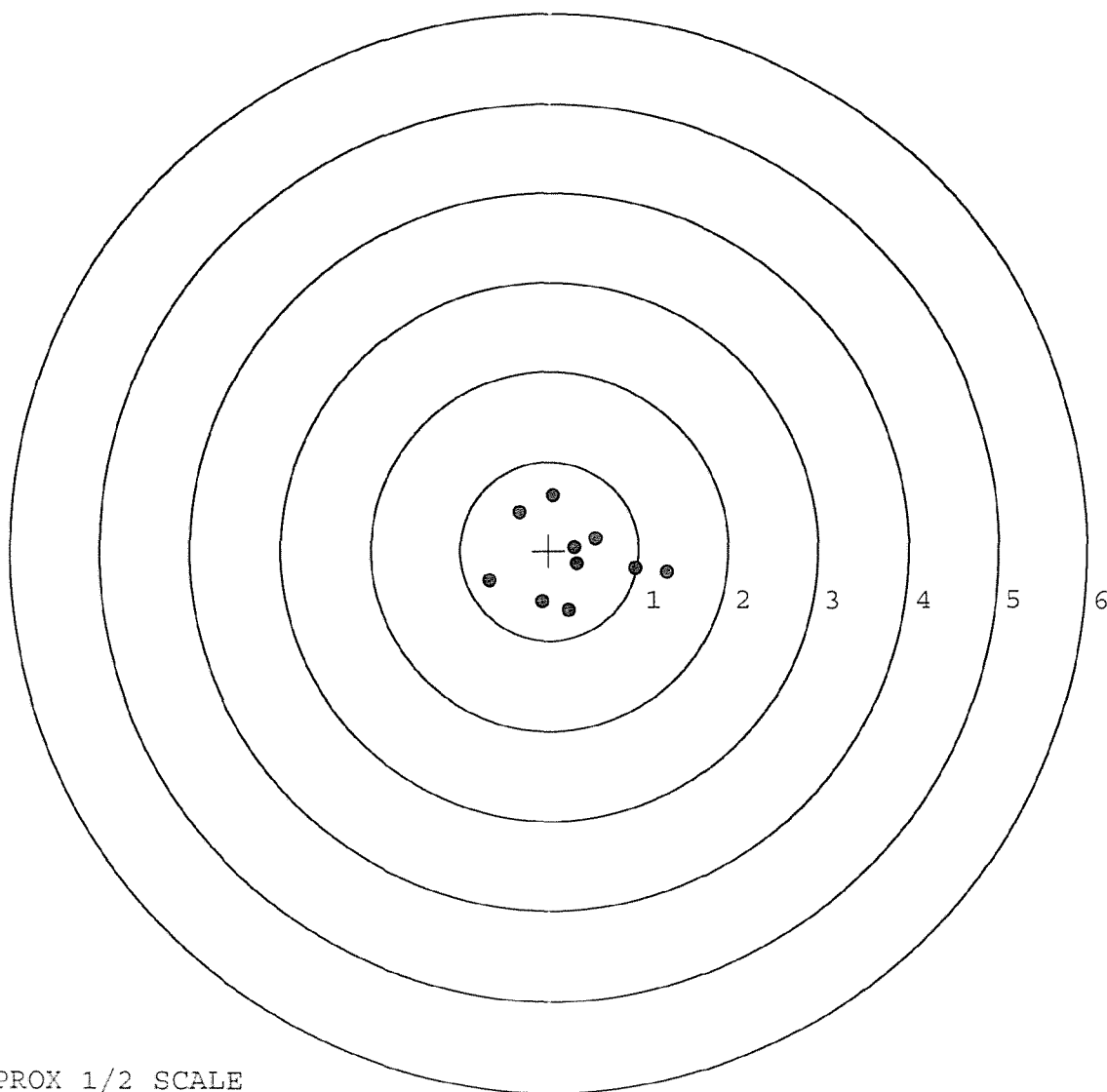
TARGET APPROX 1/2 SCALE

BARBER - M24 0144307

SERIAL NUMBER: G6637661. __0
 TARGET NUMBER: 2
 FILE DATE: 04/03/2007
 FILE TIME: 23:47

POINT#	X	Y
1:	-0.335	0.432
2:	0.045	0.624
3:	0.516	0.136
4:	0.319	-0.151
5:	0.965	-0.203
6:	1.317	-0.252
7:	0.225	-0.667
8:	-0.075	-0.575
9:	-0.673	-0.341
10:	0.293	0.035

X CENTROID: 0.260
 Y CENTROID: -0.096
 POA TO CENTROID: 0.277
 HORZ SPREAD: 1.990
 VERT SPREAD: 1.291
 GROUP SPREAD: 1.992
 MIN RADIUS: 0.081
 MAX RADIUS: 1.069
 MEAN RADIUS: 0.601
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144308

SERIAL NUMBER: G6637661. 0

TARGET NUMBER: 3

FILE DATE: 04/03/2007

FILE TIME: 23:47

X CENTROID: 0.043

Y CENTROID: 0.395

POA TO CENTROID: 0.398

HORZ SPREAD: 1.826

VERT SPREAD: 1.648

GROUP SPREAD: 1.913

MIN RADIUS: 0.133

MAX RADIUS: 1.264

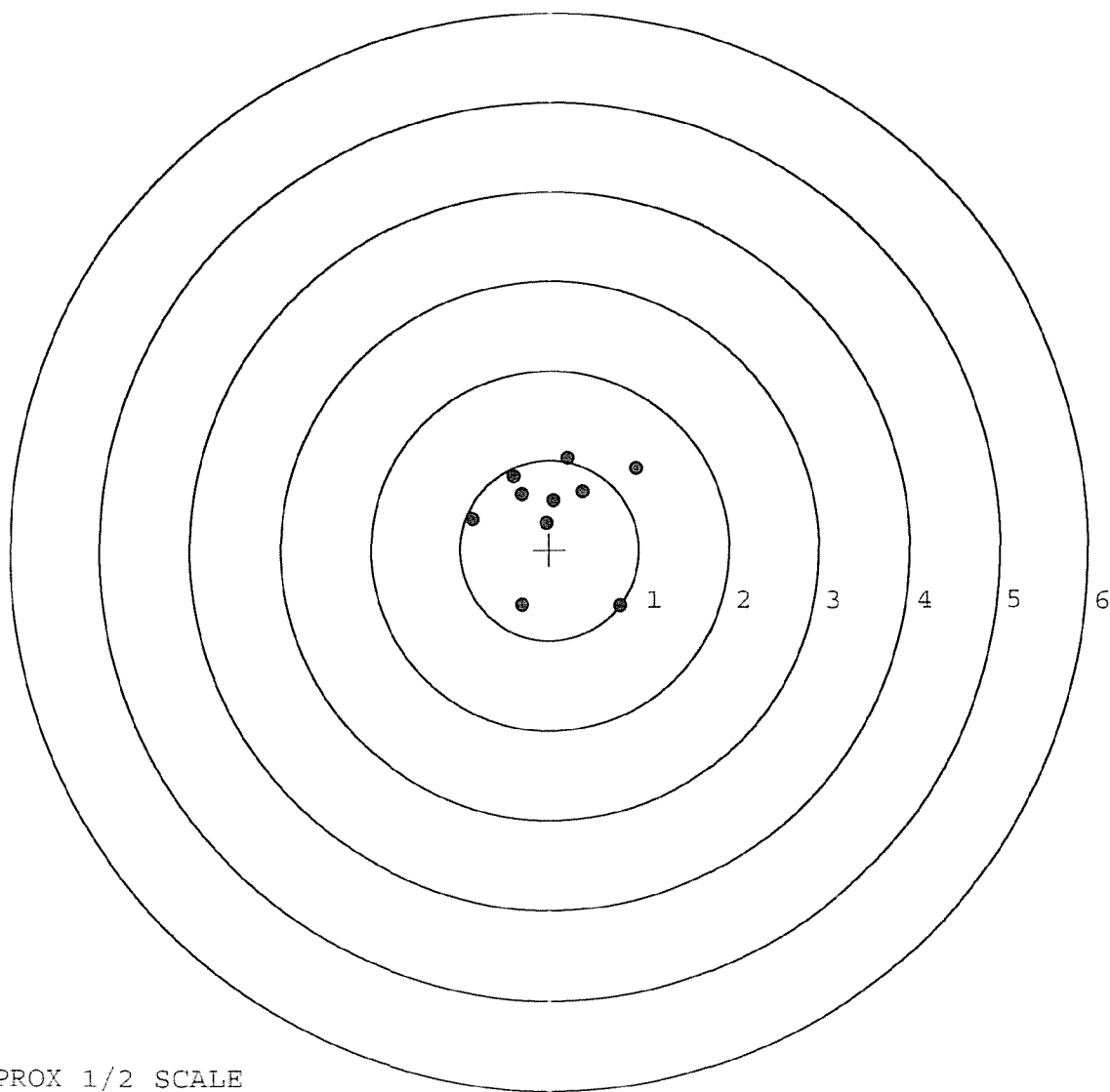
MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.862	0.339
2:	-0.309	-0.614
3:	0.790	-0.625
4:	0.964	0.911
5:	0.207	1.023
6:	0.368	0.645
7:	-0.043	0.294
8:	0.041	0.549
9:	-0.319	0.616
10:	-0.405	0.814



TARGET APPROX 1/2 SCALE

BARBER - M24 0144309

SERIAL NUMBER: G6637661. __0

TARGET NUMBER: 4

FILE DATE: 04/03/2007

FILE TIME: 23:47

POINT#	X	Y
1:	-0.183	0.725
2:	-0.167	0.005
3:	0.598	0.495
4:	0.247	0.087
5:	0.357	-0.223
6:	1.177	-0.325
7:	1.020	-0.855
8:	0.556	-1.162
9:	-1.392	-0.405
10:	0.329	-0.079

X CENTROID: 0.254

Y CENTROID: -0.174

POA TO CENTROID: 0.308

HORZ SPREAD: 2.569

VERT SPREAD: 1.887

GROUP SPREAD: 2.570

MIN RADIUS: 0.114

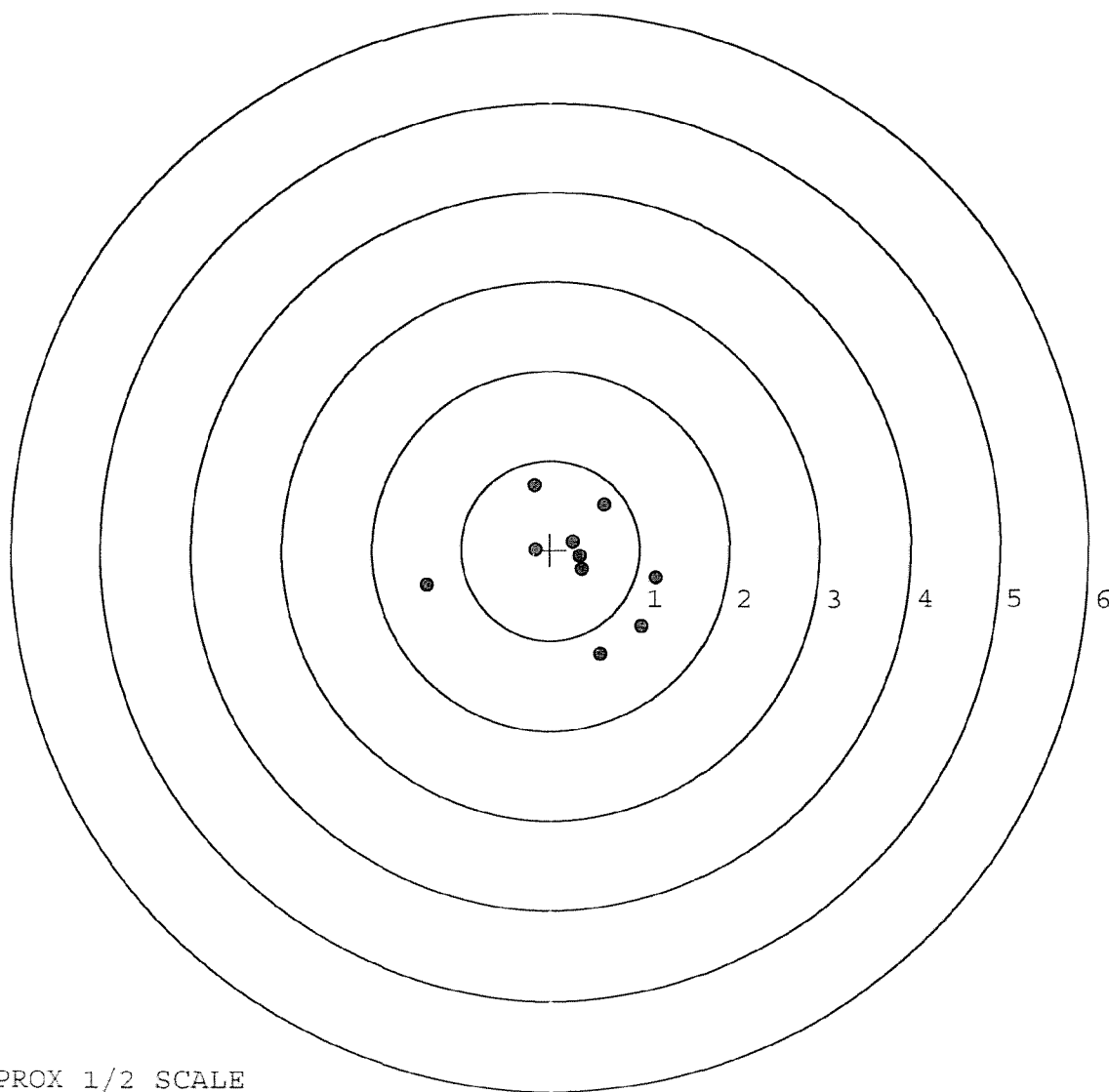
MAX RADIUS: 1.662

MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144310

SERIAL NUMBER: G6637661. __0

TARGET NUMBER: 5

FILE DATE: 04/03/2007

FILE TIME: 23:47

POINT#	X	Y
1:	-0.043	0.247
2:	-0.480	0.392
3:	-0.460	0.045
4:	-0.517	-0.224
5:	-0.361	-0.286
6:	-0.163	-0.488
7:	0.315	-0.124
8:	0.441	0.060
9:	0.426	0.016
10:	0.939	-0.511

X CENTROID: 0.010

Y CENTROID: -0.087

POA TO CENTROID: 0.088

HORZ SPREAD: 1.456

VERT SPREAD: 0.903

GROUP SPREAD: 1.682

MIN RADIUS: 0.307

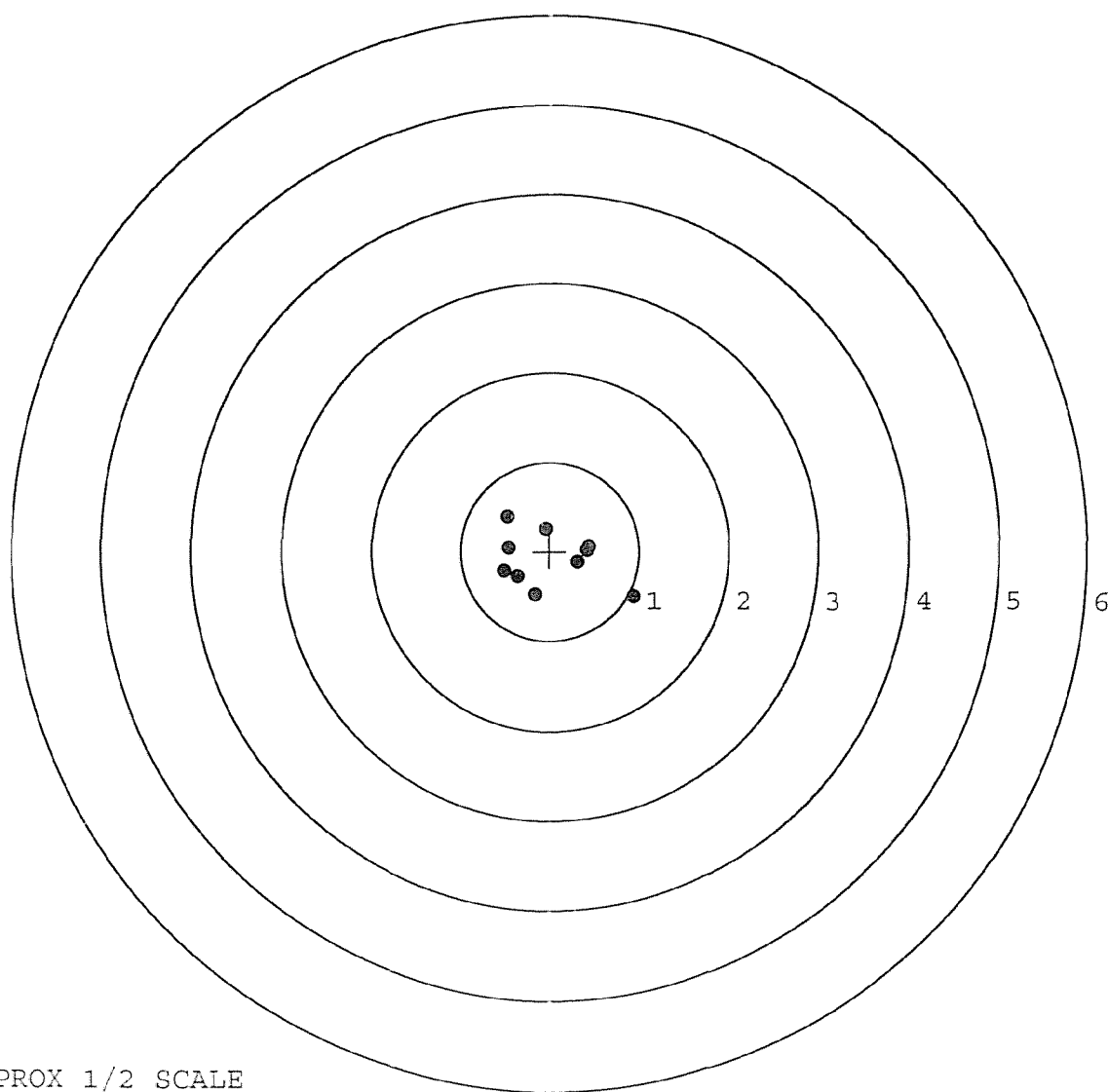
MAX RADIUS: 1.021

MEAN RADIUS: 0.513

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE