

G653 5292

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

**BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO**

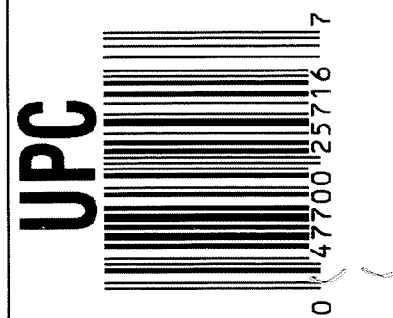
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6535292



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66535292

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G653 5292

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		2-2-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED	2/2/06	MPD
460	CHECK HEADSPACE	FEB 17 2006	2/2/06	MPD
470	DIS-ASSEMBLE ACTION		2-3-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP # 480 OVERSICKE QPD	2-7-06	APD
500	ROLLMARK CALIBER		2-7-06	CW
510	DRILL AND TAP SIGHT HOLES		2-6-06	TRW
520	GOFF BLAST BBL / REC		2/8	SW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		2/14	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/20/06	MPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/20/06	MPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/20/06	MPD
	D) OIL FIRING PIN ASSEMBLY		3-22-06	L
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

REV-8405

OP # OPERATION NAME			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6 lbs</u>	<u>6 lbs</u>	<u>6 lbs</u>	4-24-06	AC		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>3 lbs</u>	<u>3 lbs</u>	<u>3 lbs</u>	4-24-06	AC		
	H) TRIGGER PULL TEST AND RETAINABILITY					4-24-06	AC		
	I) FIRING PIN INDENT	.020 MIN	<u>.022</u>	<u>.022</u>	<u>.022</u>	4-24-06	AC		
	J) ASSEMBLE STOCK					3-28-06	RT		
	K) ASSEMBLE SWIVEL STUDS					4-24-06	L.P.D.		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					3-22-06	AC		
	M) IRON SIGHT ALIGNMENT					3-22-06	AC		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					3-22-06	AC		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL		3-29-06	L.P.D.		
			<u>PASS</u>	FAIL					
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					3-29-06	MM		
670	FINAL INSPECTION A) HEADSPACE					4-24-06	AC		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.79</u>	<u>2.87</u>	<u>2.75</u>	<u>2.86</u>	<u>2.87</u>	4-20-06	AC
	C) FUNCTION							4-24-06	AC
690	PACK							4-27-06	DA

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 3-14-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.49		2.41	
PULL #2	2.59	2.54		2.33	
PULL #3	2.66	2.54		2.51	
PULL #4	2.50	2.54		2.53	
PULL #5	2.33	2.62		2.57	
TOTAL	12.53	12.73		12.35	
AVERAGE	2.50	2.54		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.11		
PULL #2	3.10	3.05		
PULL #3	3.10	3.08		
PULL #4	3.09	3.06		
PULL #5	3.11	3.19		
TOTAL	15.47	15.49		
AVERAGE	3.09	3.09		

	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	4.16	4.04		4.06
PULL #2	4.13	4.02		4.01
PULL #3	4.04	4.01		4.01
PULL #4	4.14	4.03		4.15
PULL #5	4.10	4.01		4.10
TOTAL	20.57	20.11		20.33
AVERAGE	4.11	4.02		4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535292.___0
FILE DATE AND TIME: 03/29/2006 15:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

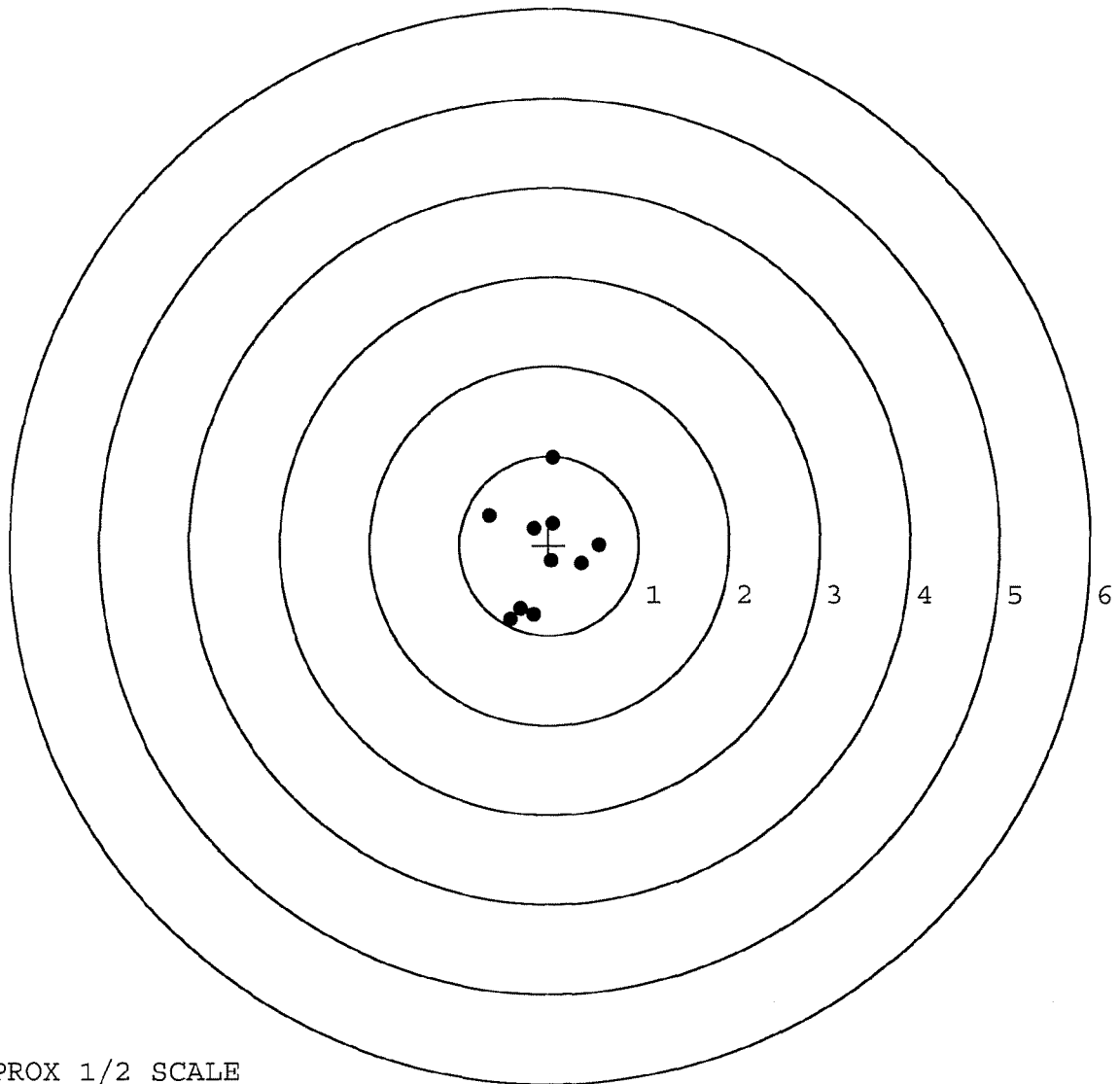
The Average X Centroid of the Five Target Set:	-0.064
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.077
The Distance from Centroid Target #3 to Centroid Target #1:	0.207
The Distance from Centroid Target #4 to Centroid Target #1:	0.166
The Distance from Centroid Target #5 to Centroid Target #1:	0.248

BARBER - M24 0090638

SERIAL NUMBER: G6535292. __0
 TARGET NUMBER: 1
 FILE DATE: 03/29/2006
 FILE TIME: 15:25

POINT#	X	Y
1:	0.049	0.245
2:	-0.172	0.191
3:	0.029	-0.177
4:	0.361	-0.205
5:	0.565	0.007
6:	-0.169	-0.776
7:	-0.315	-0.710
8:	-0.427	-0.828
9:	-0.671	0.334
10:	0.041	0.985

X CENTROID: -0.071
 Y CENTROID: -0.093
 POA TO CENTROID: 0.117
 HORZ SPREAD: 1.236
 VERT SPREAD: 1.813
 GROUP SPREAD: 1.872
 MIN RADIUS: 0.130
 MAX RADIUS: 1.084
 MEAN RADIUS: 0.587
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



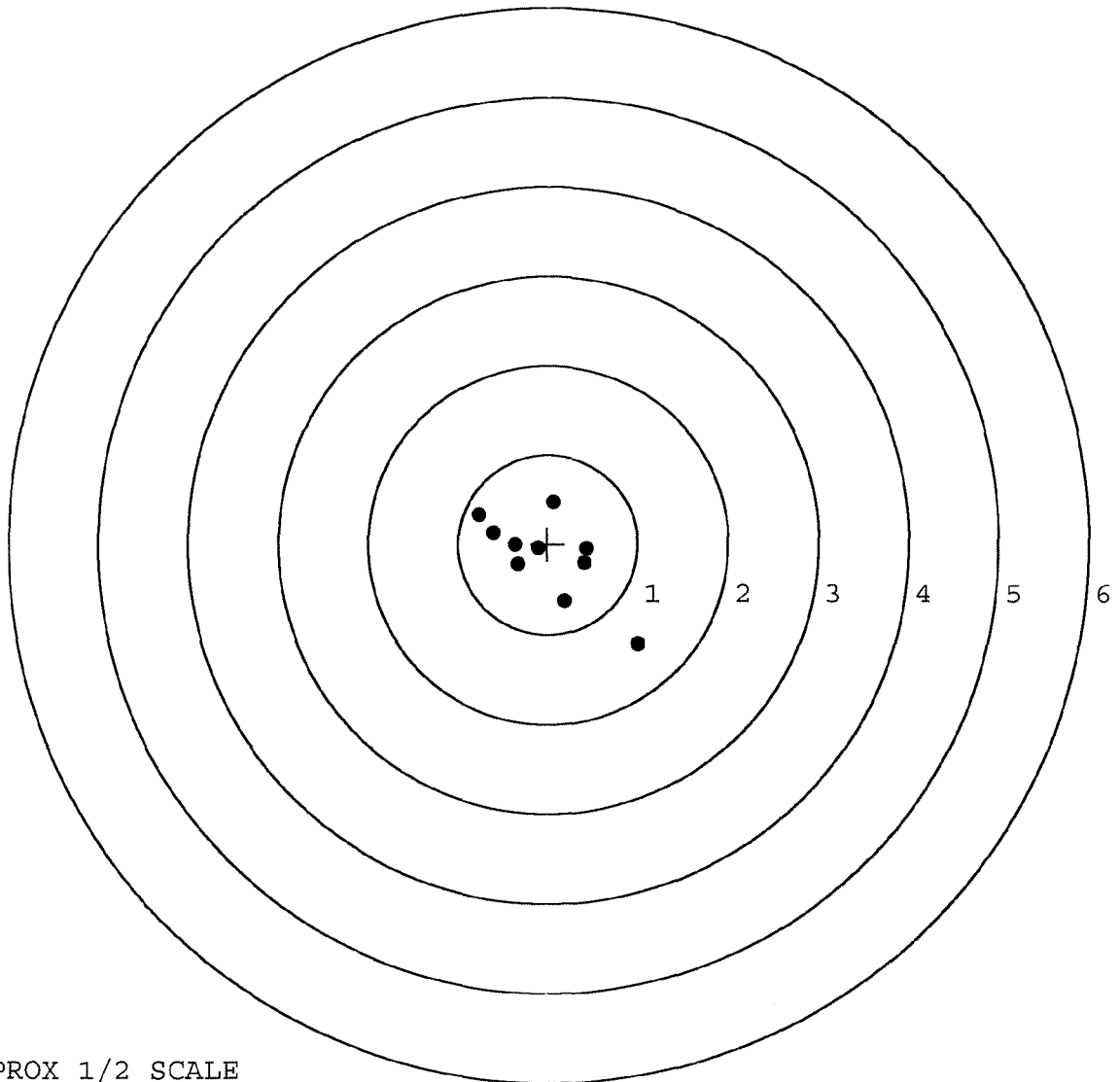
TARGET APPROX 1/2 SCALE

BARBER - M24 0090639

SERIAL NUMBER: G6535292. __0
 TARGET NUMBER: 2
 FILE DATE: 03/29/2006
 FILE TIME: 15:25

POINT#	X	Y
1:	0.061	0.469
2:	0.440	-0.047
3:	0.408	-0.213
4:	0.191	-0.635
5:	1.008	-1.110
6:	-0.103	-0.049
7:	-0.332	-0.228
8:	-0.361	-0.013
9:	-0.607	0.133
10:	-0.772	0.331

X CENTROID: -0.007
 Y CENTROID: -0.136
 POA TO CENTROID: 0.136
 HORZ SPREAD: 1.780
 VERT SPREAD: 1.579
 GROUP SPREAD: 2.290
 MIN RADIUS: 0.130
 MAX RADIUS: 1.406
 MEAN RADIUS: 0.583
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090640

SERIAL NUMBER: G6535292. __0

TARGET NUMBER: 3

FILE DATE: 03/29/2006

FILE TIME: 15:25

POINT#	X	Y
1:	-0.499	1.218
2:	-0.060	0.730
3:	0.402	0.251
4:	-0.530	0.441
5:	-0.186	0.182
6:	-0.395	-0.230
7:	-0.177	-0.327
8:	0.127	-0.391
9:	-0.204	-0.689
10:	-0.604	-0.604

X CENTROID: -0.213

Y CENTROID: 0.058

POA TO CENTROID: 0.220

HORZ SPREAD: 1.006

VERT SPREAD: 1.907

GROUP SPREAD: 1.930

MIN RADIUS: 0.127

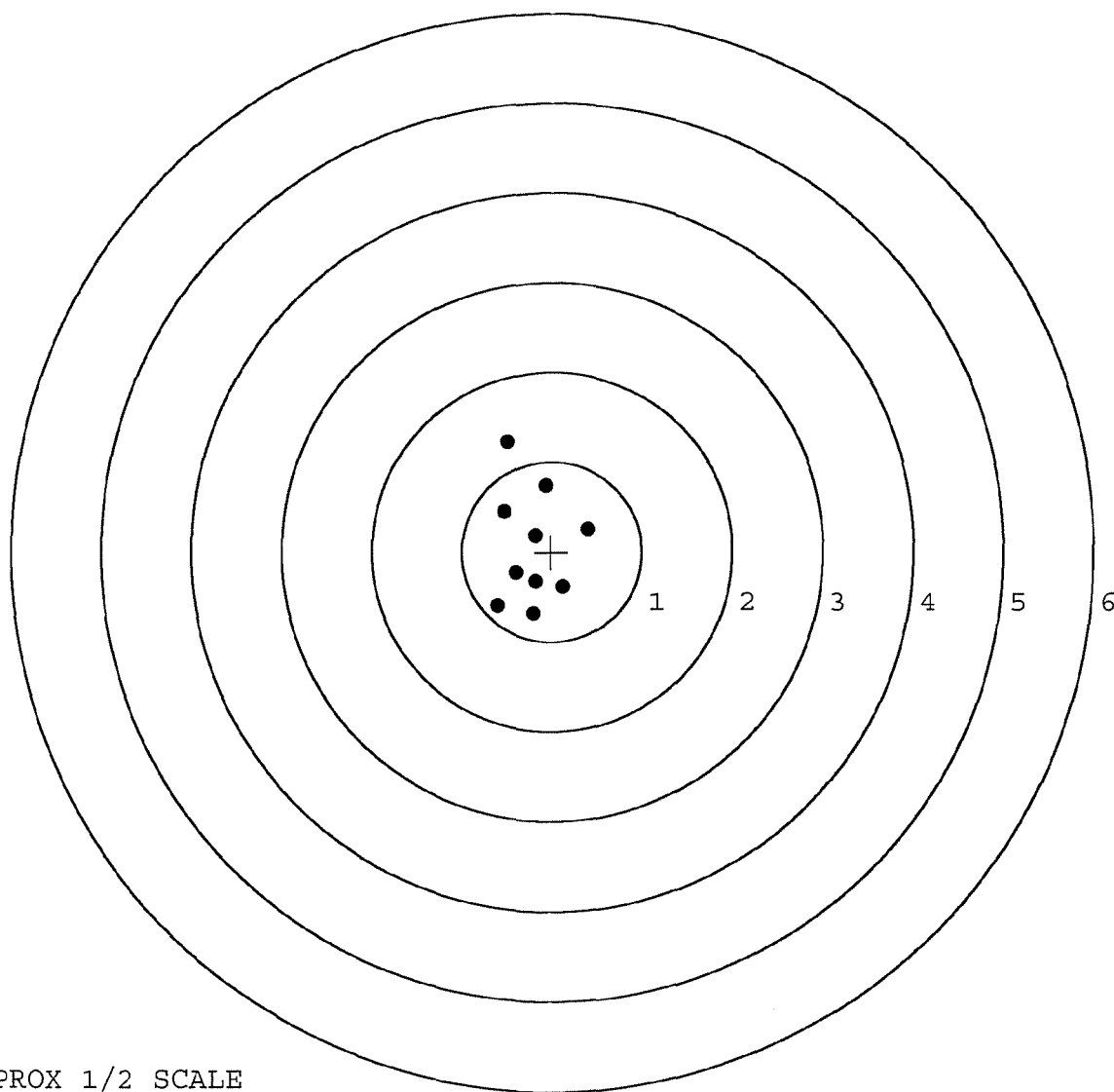
MAX RADIUS: 1.195

MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

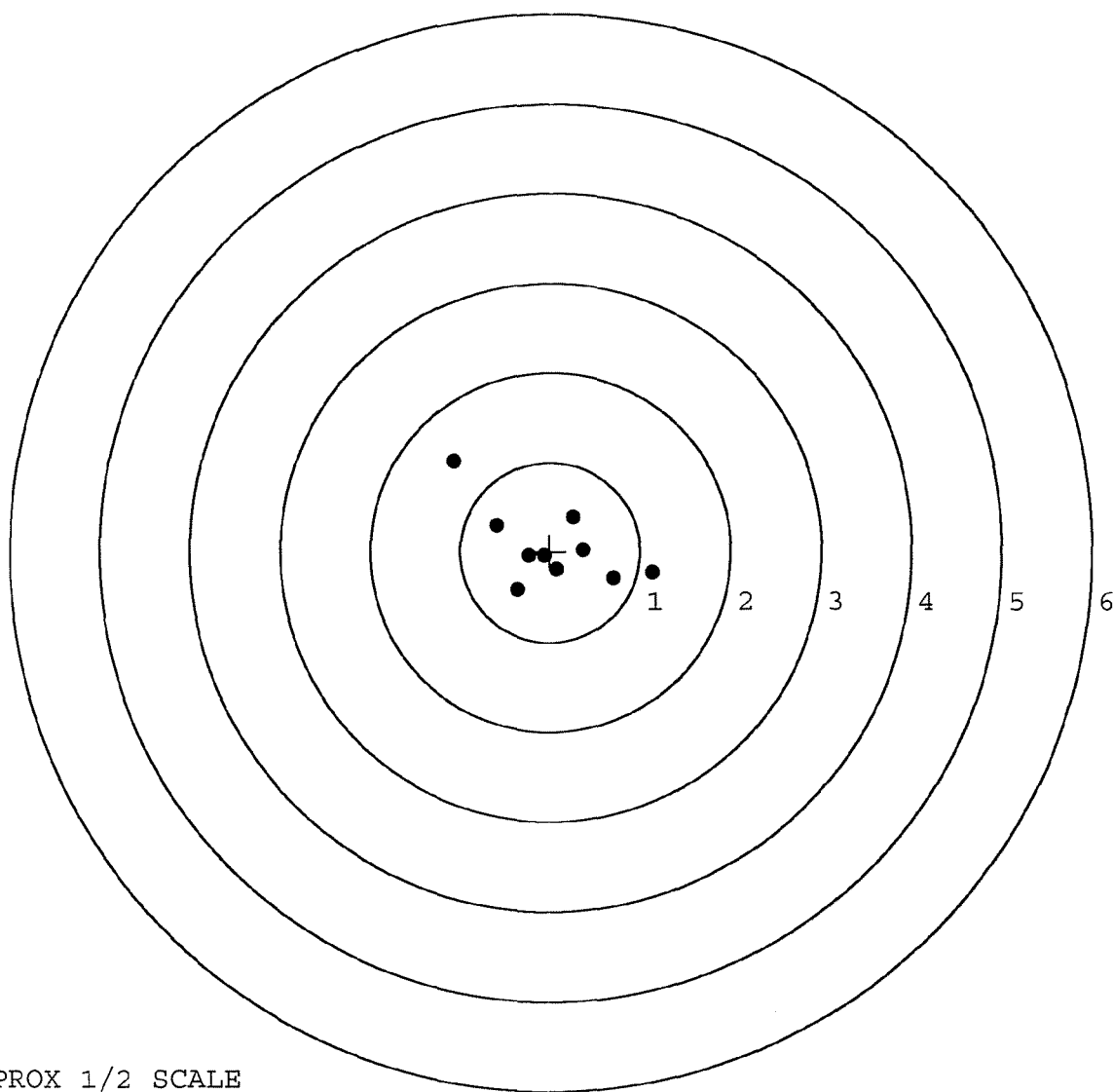
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090641

SERIAL NUMBER: G6535292.____0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.260	0.383
FILE DATE: 03/29/2006	2:	1.136	-0.235
FILE TIME: 15:25	3:	0.708	-0.298
	4:	0.370	0.020
X CENTROID: 0.022	5:	0.078	-0.202
Y CENTROID: 0.045	6:	-0.062	-0.048
POA TO CENTROID: 0.050	7:	-0.238	-0.048
HORZ SPREAD: 2.213	8:	-0.363	-0.420
VERT SPREAD: 1.428	9:	-0.595	0.288
GROUP SPREAD: 2.538	10:	-1.077	1.008
MIN RADIUS: 0.125			
MAX RADIUS: 1.461			
MEAN RADIUS: 0.606			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0090642

SERIAL NUMBER: G6535292. __0

TARGET NUMBER: 5

FILE DATE: 03/29/2006

FILE TIME: 15:25

POINT#	X	Y
1:	-0.604	0.626
2:	-0.618	0.310
3:	-0.285	0.186
4:	0.043	0.477
5:	0.242	0.455
6:	0.573	0.395
7:	0.339	-0.124
8:	0.654	-0.261
9:	-0.290	-0.318
10:	-0.570	-0.203

X CENTROID: -0.052

Y CENTROID: 0.154

POA TO CENTROID: 0.163

HORZ SPREAD: 1.272

VERT SPREAD: 0.944

GROUP SPREAD: 1.539

MIN RADIUS: 0.236

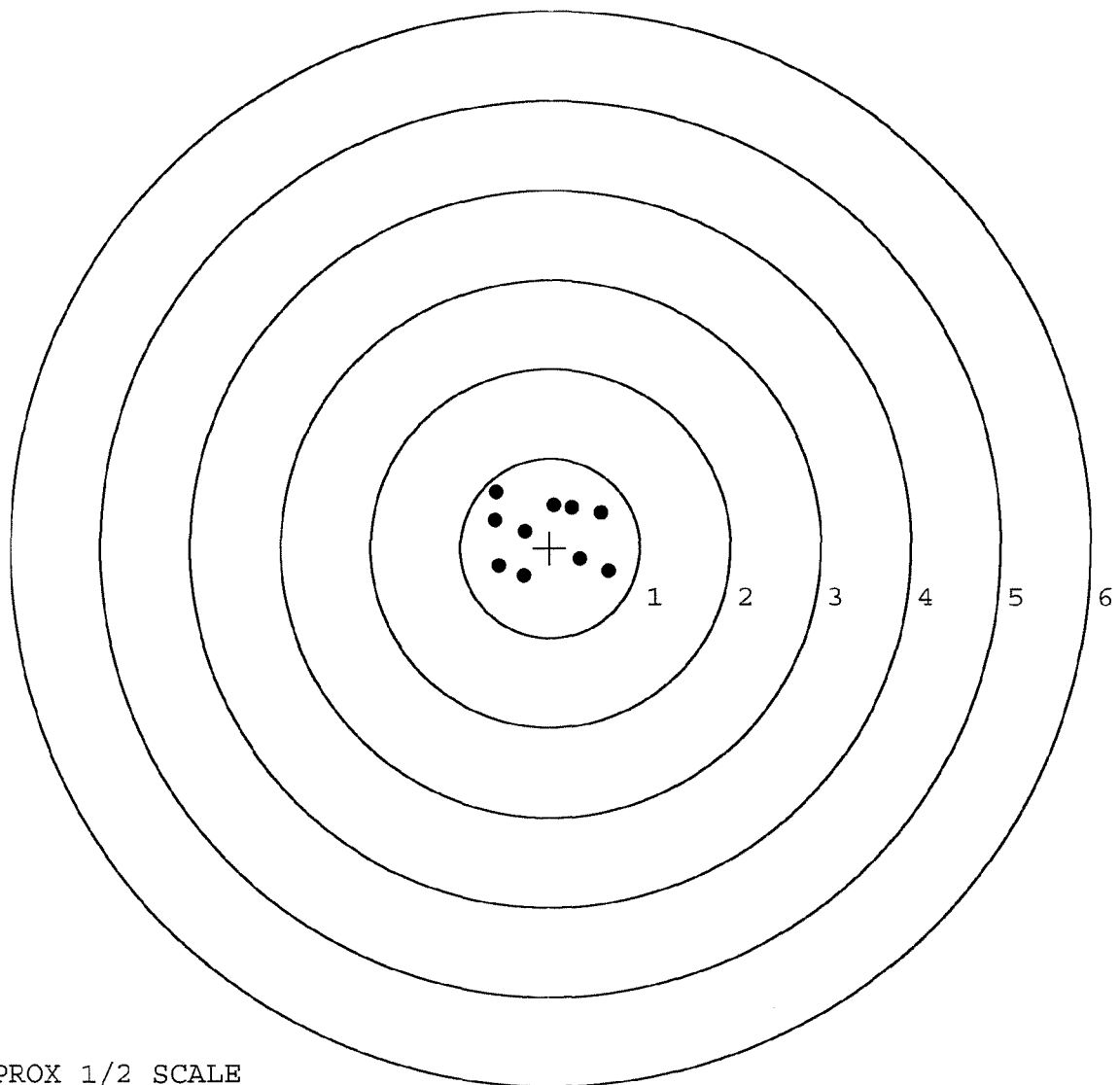
MAX RADIUS: 0.819

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE