

E 6571251

GUN SERIAL # E6571251

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		7/25/02	RL
600	PROOF	 FB1542B		
607	CHECK HEADSPACE	MAGNAFLUX BOLT AUG OK	7/23/02	RL
610	DIS-ASSEMBLE GUN	INSPECTED		
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	AUG 9 2002 BBL only OPERATOR <u>ARS</u>		
615	ROLLMARK CALIBER	300 Win MAG.		
617	DRILL AND TAP SIGHT HOLES			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD			
	C) INSPECT EJECTOR HOLE FOR CHAMFER			
	D) OIL FIRING PIN ASSEMBLY			
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8</u> <u>8</u> <u>8</u>	8/28/02	RW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4</u> <u>4</u> <u>4</u>	8/28/02	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.022</u> <u>.022</u>	8/28/02	DA
	J) ASSEMBLE STOCK			
	K) ASSEMBLE SWIVEL STUDS			
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640	GALLERY TEST AND TARGET <u>200 YD. RANGE</u>	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
645	INSPECT FOR LIVE AMMO			
655	FINAL INSPECTION A) HEADSPACE		8/28/02	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.59</u> <u>2.35</u> <u>2.47</u> <u>2.33</u> <u>2.44</u>	8/28/02	RW
	C) FUNCTION			
660	PACK		9/1/02	DA

BARBER - M24 0120855

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. E6571251

DATE 8-14-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.20	2.23	MIN. SETTING,
PULL #2	2.58	2.35	2.25	NO AVG. OF 5
PULL #3	2.57	2.33	2.27	READINGS ACCEPT-
PULL #4	2.55	2.22	2.22	ABLE LESS THAN 2
PULL #5	2.51	2.28	2.27	
TOTAL	12.55	11.38	11.24	
AVG.	2.51	2.27	2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.20	3.33	
PULL #2	3.30	3.51	
PULL #3	3.03	3.29	
PULL #4	3.37	3.36	
PULL #5	3.23	3.42	
TOTAL	16.13	16.91	
AVG.	3.22	3.38	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURAC
PULL #1	4.25	3.93		4.06
PULL #2	4.19	3.93		4.07
PULL #3	4.37	4.11		4.00
PULL #4	4.38	4.07		4.09
PULL #5	4.31	4.00		4.02
TOTAL	21.50	20.04		20.24
AVG.	4.30	4.00		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6571251. __0
FILE DATE AND TIME: 08/17/2002 20:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Avg mean Radius 0.831

BARBER - M24 0120857

SERIAL NUMBER: 6571251. 0

TARGET NUMBER: 1

FILE DATE: 08/17/2002

FILE TIME: 20:36

X CENTROID: 0.016

Y CENTROID: 0.017

POA TO CENTROID: 0.023

HORZ SPREAD: 1.461

VERT SPREAD: 2.910

GROUP SPREAD: 3.001

MIN RADIUS: 0.141

MAX RADIUS: 1.723

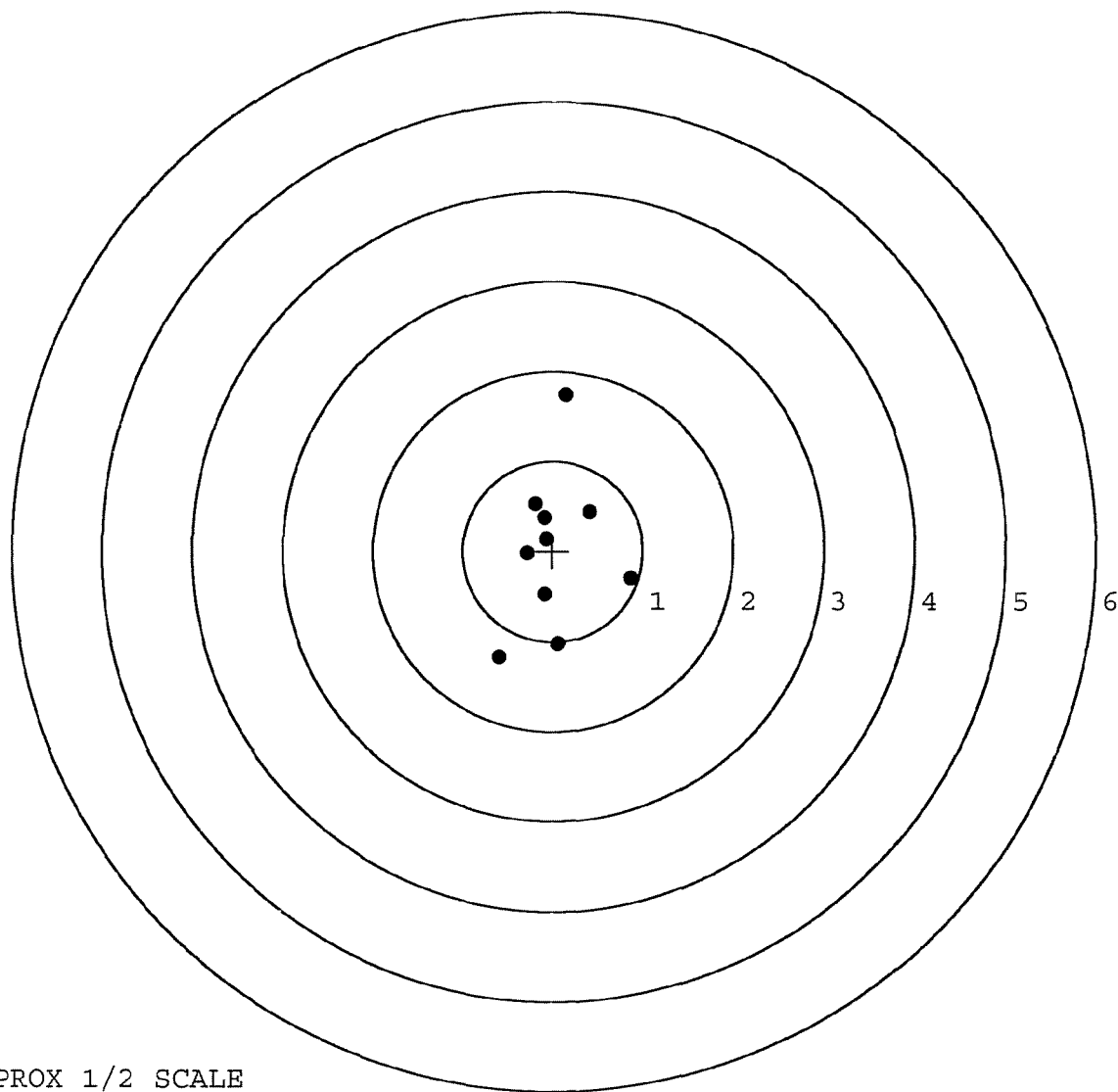
MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.592	-1.174
2:	0.063	-1.029
3:	-0.091	-0.485
4:	0.869	-0.306
5:	-0.284	-0.028
6:	-0.071	0.129
7:	-0.094	0.371
8:	-0.196	0.523
9:	0.411	0.435
10:	0.140	1.736



TARGET APPROX 1/2 SCALE

BARBER - M24 0120858SERIAL NUMBER: ~~E~~6571251. 0

TARGET NUMBER: 2

FILE DATE: 08/17/2002

FILE TIME: 20:36

X CENTROID: -0.159

Y CENTROID: -0.057

POA TO CENTROID: 0.169

HORZ SPREAD: 2.054

VERT SPREAD: 2.390

GROUP SPREAD: 2.498

MIN RADIUS: 0.291

MAX RADIUS: 1.402

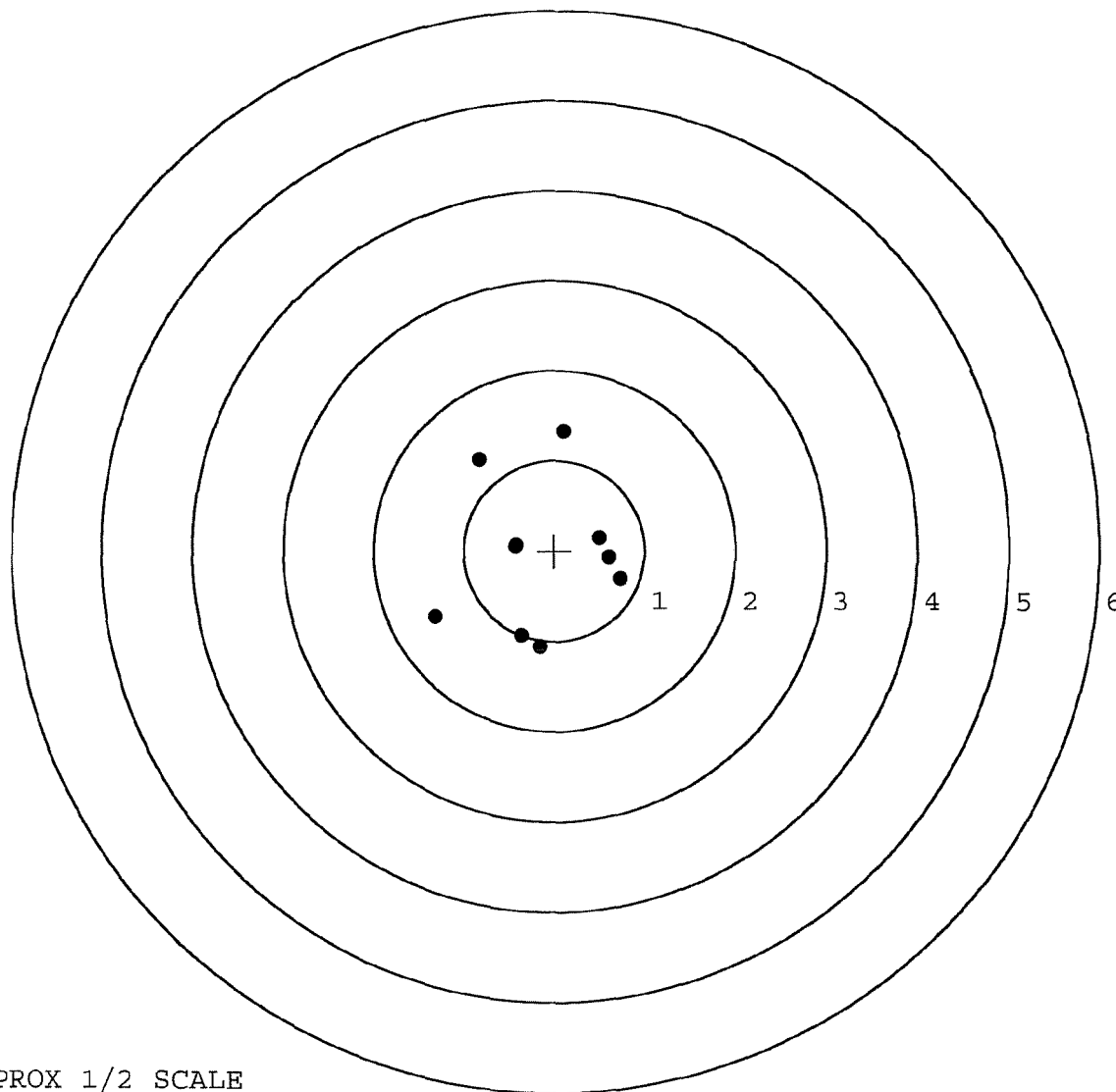
MEAN RADIUS: 0.889

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.359	-0.945
2:	-0.432	0.045
3:	0.500	0.140
4:	0.601	-0.079
5:	0.735	-0.311
6:	-0.153	-1.069
7:	-0.426	0.060
8:	-1.319	-0.736
9:	-0.839	1.001
10:	0.099	1.321



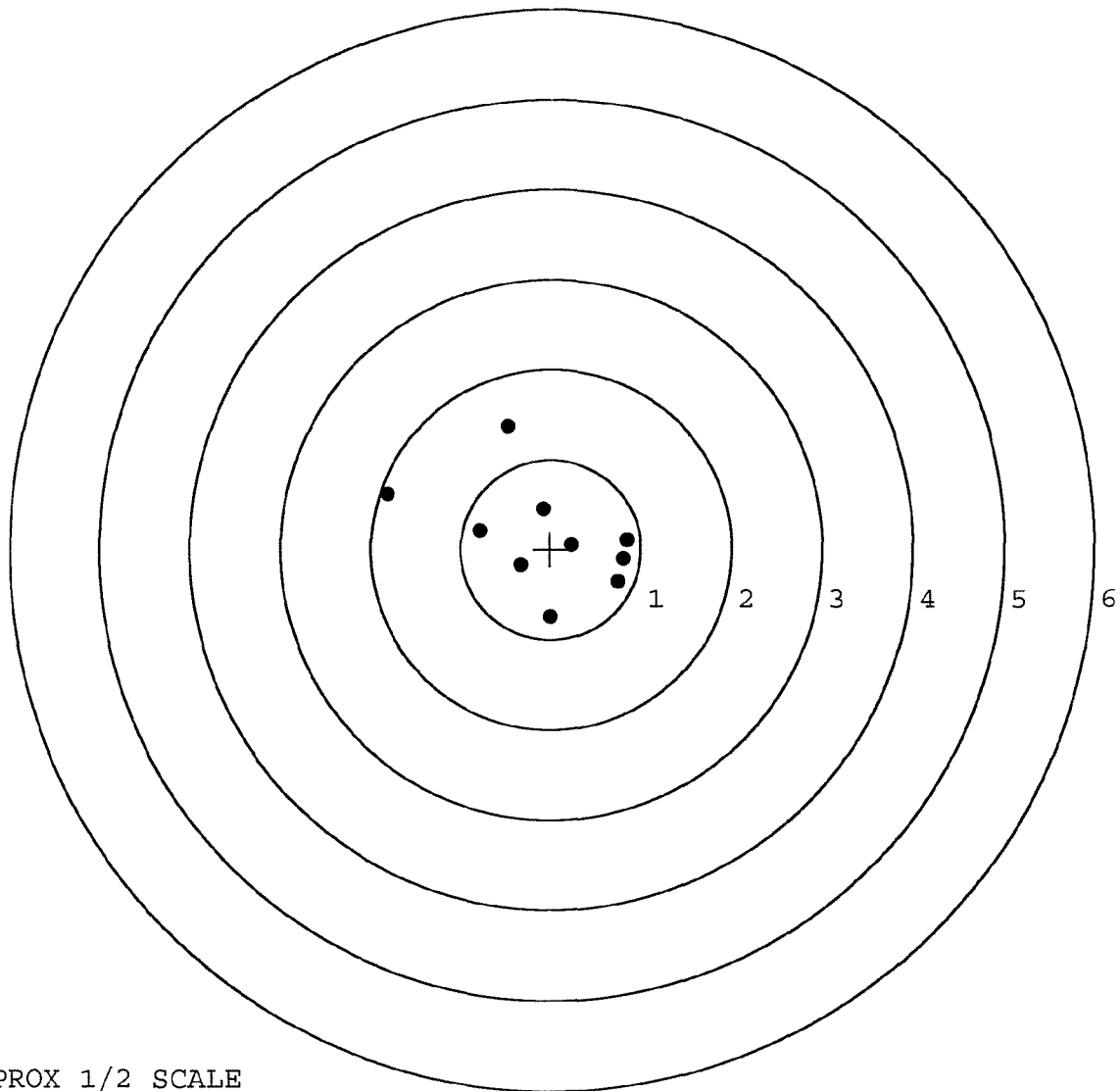
TARGET APPROX 1/2 SCALE

BARBER - M24 0120859

SERIAL NUMBER: E6571251. __0
 TARGET NUMBER: 3
 FILE DATE: 08/17/2002
 FILE TIME: 20:36

POINT#	X	Y
1:	0.750	-0.363
2:	0.807	-0.109
3:	0.843	0.106
4:	0.240	0.048
5:	0.005	-0.754
6:	-0.328	-0.179
7:	-0.080	0.448
8:	-0.790	0.212
9:	-1.818	0.615
10:	-0.484	1.372

X CENTROID: -0.086
 Y CENTROID: 0.140
 POA TO CENTROID: 0.164
 HORZ SPREAD: 2.661
 VERT SPREAD: 2.126
 GROUP SPREAD: 2.748
 MIN RADIUS: 0.308
 MAX RADIUS: 1.797
 MEAN RADIUS: 0.858
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6571251.___0
FILE DATE AND TIME: 08/16/2002 09:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Mean - 1.095

BARBER - M24 0120861

SERIAL NUMBER: E6571251. 0

TARGET NUMBER: 1

FILE DATE: 08/16/2002

FILE TIME: 09:20

POINT#	X	Y
1:	-1.165	-0.940
2:	-1.038	-0.157
3:	-1.975	-0.307
4:	-1.191	0.500
5:	-0.532	0.534
6:	0.234	0.491
7:	0.153	-0.574
8:	1.187	-1.128
9:	1.896	-0.134
10:	-0.796	2.726

X CENTROID: -0.323

Y CENTROID: 0.101

POA TO CENTROID: 0.338

HORZ SPREAD: 3.871

VERT SPREAD: 3.854

GROUP SPREAD: 4.334

MIN RADIUS: 0.481

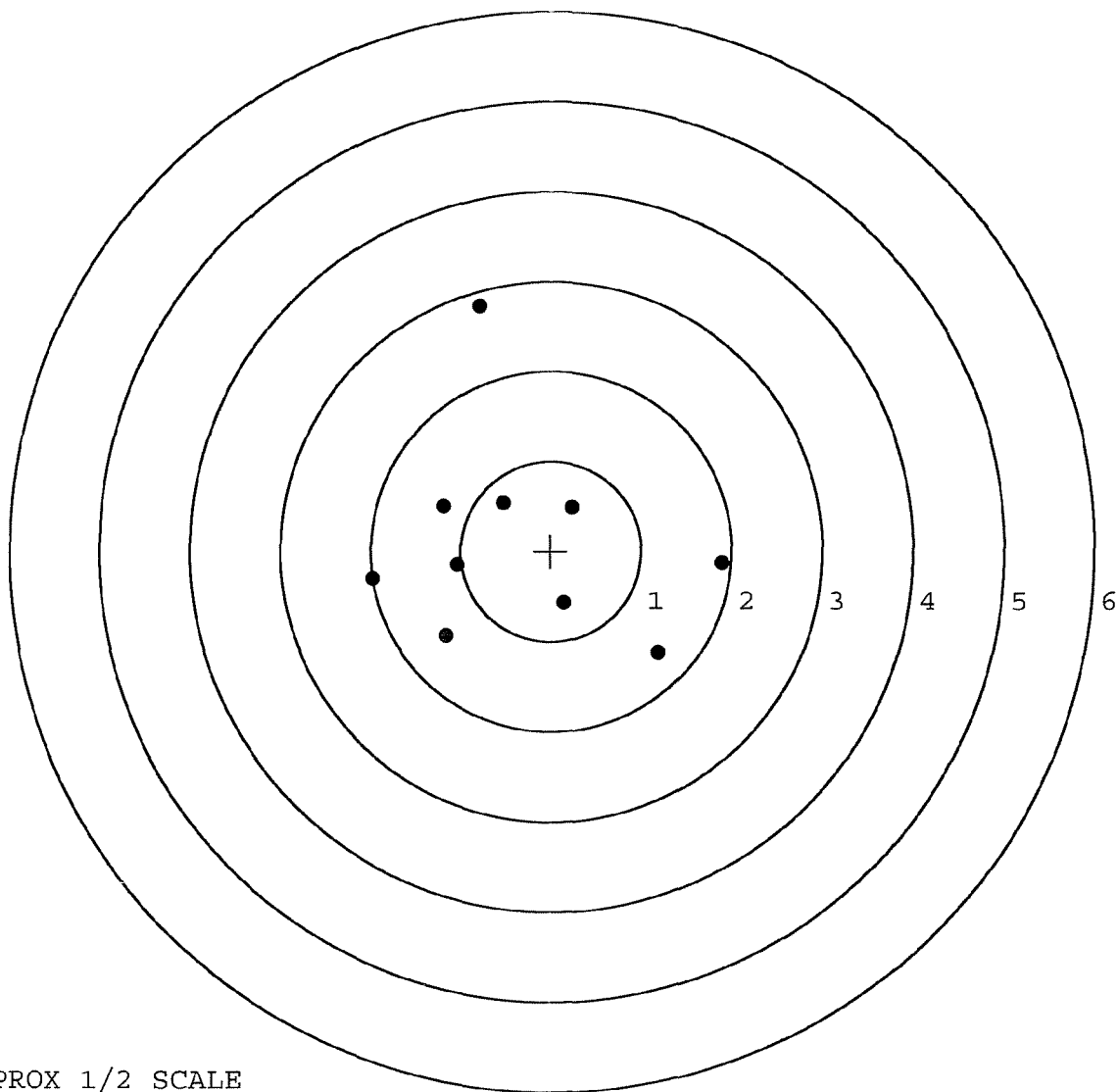
MAX RADIUS: 2.667

MEAN RADIUS: 1.359

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0120862

SERIAL NUMBER: E6571251. __0

TARGET NUMBER: 2

FILE DATE: 08/16/2002

FILE TIME: 09:20

POINT#	X	Y
1:	0.997	-1.739
2:	0.281	-1.121
3:	-0.386	-0.172
4:	-0.701	-0.059
5:	-0.211	0.363
6:	-0.672	0.532
7:	0.334	0.594
8:	0.386	1.189
9:	-0.009	1.075
10:	-0.659	0.955

X CENTROID: -0.064

Y CENTROID: 0.162

POA TO CENTROID: 0.174

HORZ SPREAD: 1.698

VERT SPREAD: 2.928

GROUP SPREAD: 3.162

MIN RADIUS: 0.249

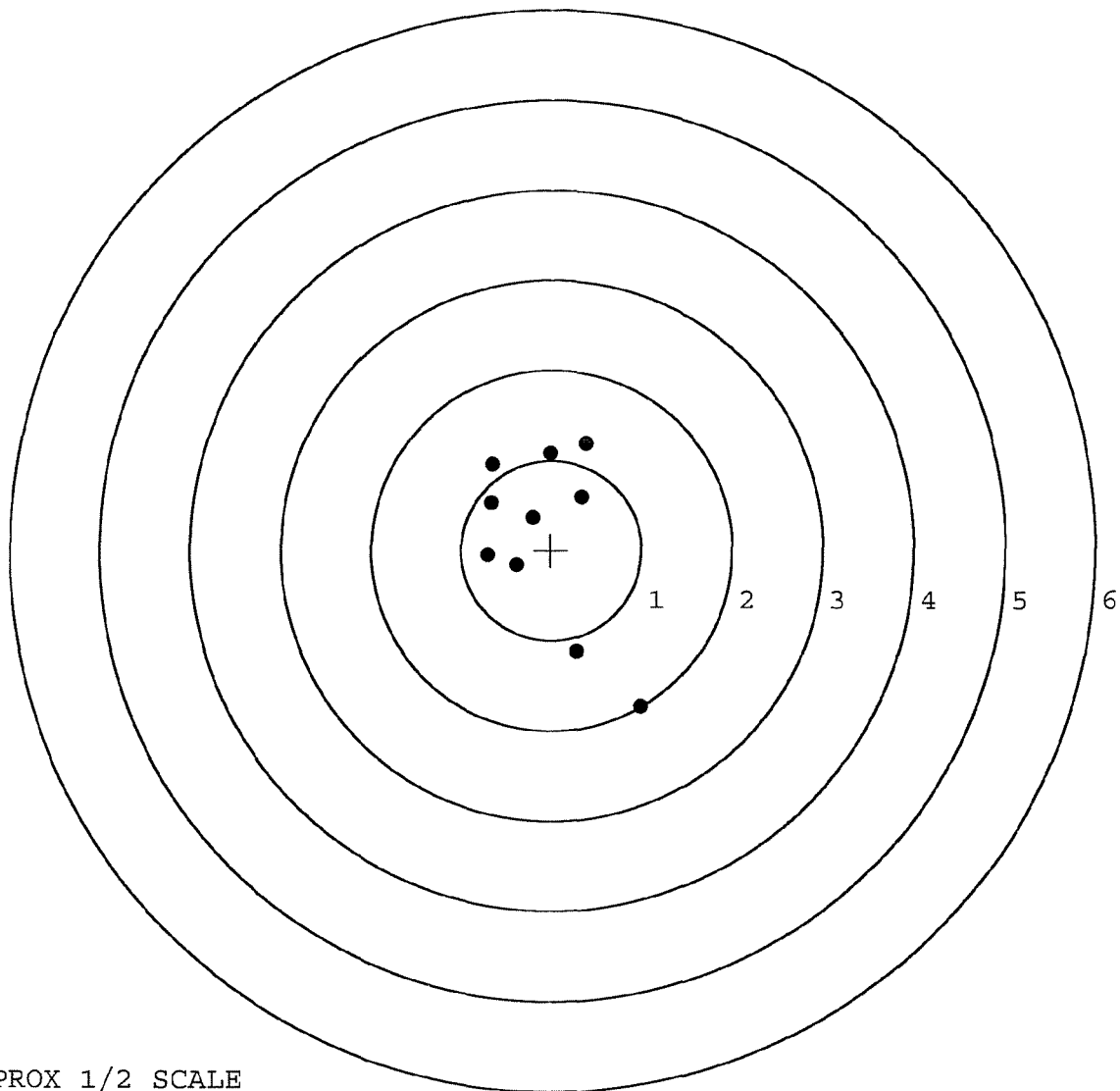
MAX RADIUS: 2.177

MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

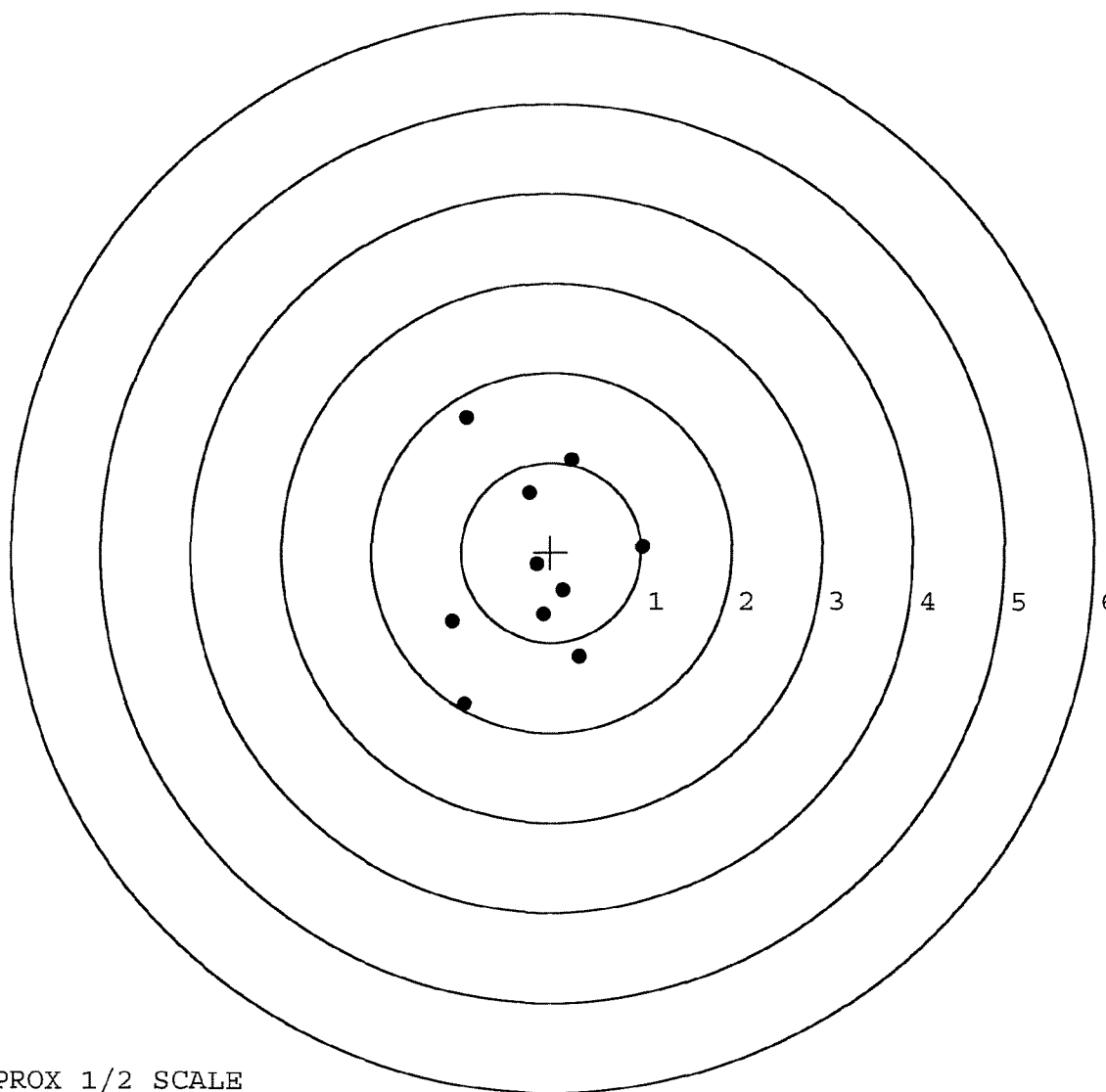
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0120863

SERIAL NUMBER: E6571251. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.316	-1.165
FILE DATE: 08/16/2002	2:	-0.965	-1.687
FILE TIME: 09:20	3:	-1.099	-0.778
	4:	-0.082	-0.696
X CENTROID: -0.179	5:	0.137	-0.430
Y CENTROID: -0.164	6:	1.015	0.058
POA TO CENTROID: 0.243	7:	-0.242	0.662
HORZ SPREAD: 2.114	8:	0.228	1.030
VERT SPREAD: 3.185	9:	-0.943	1.498
GROUP SPREAD: 3.185	10:	-0.156	-0.134
MIN RADIUS: 0.038			
MAX RADIUS: 1.829			
MEAN RADIUS: 1.006			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 4			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE