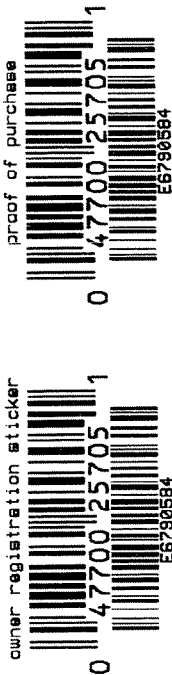


E 6790584

MODEL 700TH M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

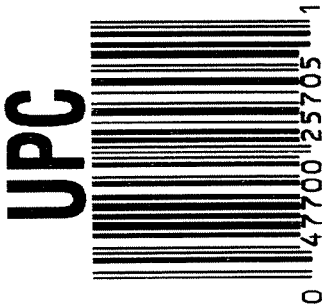
- GREEN ENVELOPE CONTAINING:
- INSTRUCTION BOOK
 - PRODUCT OWNER'S CARD
 - SAFETY BOOKLET

46 FORM



ORDER NO.	25705
BARREL LENGTH	24"
CAPACITY	6

E6790584



CONTRACT #
DAAE20-01-P-0489
170 RIFLES

GUN SERIAL # E6790584

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		1-31-02	RL
600	PROOF		1-31-02	AC
607	CHECK HEADSPACE		1-31-02	AC
610	DIS-ASSEMBLE GUN		1-31-02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		FEB 2 2002 OPERATOR AC	AC
615	ROLLMARK CALIBER		2/4/02	WB
617	DRILL AND TAP SIGHT HOLES		2/4/02	BWT
620	APPLY COATINGS (BARREL ACTION)		2-16	TA
	(BOLT)		2-16	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		2-28-02	A
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-28-02	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-28-02	A
	D) OIL FIRING PIN ASSEMBLY		2-28-02	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2-28-02	RW

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.0</u> <u>5.0</u>	5/23/02	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>3.5</u> <u>4.0</u>	5/23/02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.020</u> <u>.022</u> <u>.022</u>	5/23/02	DA
	J) ASSEMBLE STOCK		4/15/02	RW
	K) ASSEMBLE SWIVEL STUDS		6/7/02	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/7/02	RW
	M) IRON SIGHT ALIGNMENT		6/7/02	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/7/02	RW
640	GALLERY TEST AND TARGET	PASS FAIL	4/20/02	A
	MALFUNCTION	CORRECTION	4/20/02	A
	MALFUNCTION	CORRECTION	4/20/02	A
	MALFUNCTION	CORRECTION	4-20-02	A
	MALFUNCTION	CORRECTION	4/20/02	A
645	INSPECT FOR LIVE AMMO		4-20-02	A
655	FINAL INSPECTION A) HEADSPACE		6/7/02	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.72</u> <u>2.71</u> <u>2.58</u> <u>2.69</u> <u>2.51</u>	5/23/02	DA
	C) FUNCTION		6/7/02	RW
660	PACK		6/10/02	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 16790584DATE 4/12/02TESTER AW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.10		2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.09		2.31	
PULL #3	2.26	2.01		2.34	
PULL #4	2.28	2.25		2.18	
PULL #5	2.31	2.21		2.12	
TOTAL	11.67	10.66		11.19	
AVG.	2.33	2.13		2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.17		
PULL #2	3.51	3.26		
PULL #3	3.19	3.15		
PULL #4	3.52	3.24		
PULL #5	3.53	3.04		
TOTAL	17.12	15.86		
AVG.	3.42	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURAC
PULL #1	4.10	3.97		4.15
PULL #2	3.96	4.03		4.13
PULL #3	4.02	3.93		3.93
PULL #4	4.07	4.07		4.13
PULL #5	4.08	4.07		4.30
TOTAL	20.23	20.07		20.64
AVG.	4.05	4.01		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6790584.___0
FILE DATE AND TIME: 04/17/2002 13:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

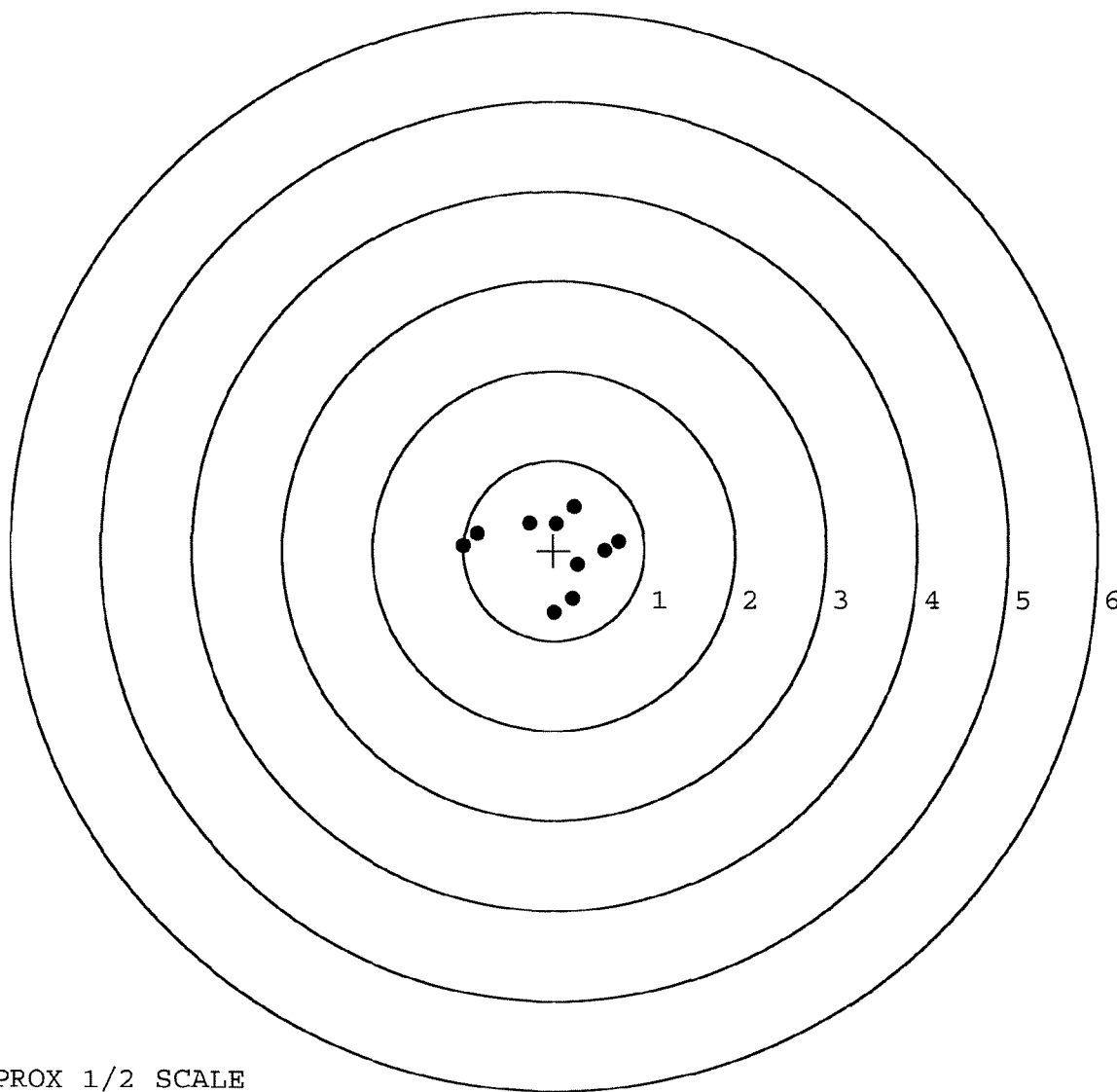
The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.054
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.749
The Distance from POA to Centroid Target #1:	0.011
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.089

BARBER - M24 0111330

SERIAL NUMBER: E6790584. __0
 TARGET NUMBER: 1
 FILE DATE: 04/17/2002
 FILE TIME: 13:36

POINT#	X	Y
1:	-1.000	0.052
2:	-0.847	0.180
3:	-0.276	0.298
4:	0.026	0.298
5:	0.226	0.485
6:	0.716	0.094
7:	0.566	-0.012
8:	0.265	-0.165
9:	0.211	-0.539
10:	0.004	-0.687

X CENTROID: -0.011
 Y CENTROID: 0.000
 POA TO CENTROID: 0.011
 HORZ SPREAD: 1.716
 VERT SPREAD: 1.172
 GROUP SPREAD: 1.717
 MIN RADIUS: 0.300
 MAX RADIUS: 0.990
 MEAN RADIUS: 0.599
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0111331

SERIAL NUMBER: E6790584. __0

TARGET NUMBER: 2

FILE DATE: 04/17/2002

FILE TIME: 13:36

POINT#	X	Y
--------	---	---

1:	0.494	-1.417
----	-------	--------

2:	0.002	-1.011
----	-------	--------

3:	0.496	-0.730
----	-------	--------

4:	-1.140	-0.896
----	--------	--------

5:	-1.397	0.092
----	--------	-------

6:	-0.469	0.247
----	--------	-------

7:	-0.181	0.534
----	--------	-------

8:	0.973	0.836
----	-------	-------

9:	0.149	-0.123
----	-------	--------

10:	0.501	-0.308
-----	-------	--------

X CENTROID: -0.057

Y CENTROID: -0.278

POA TO CENTROID: 0.283

HORZ SPREAD: 2.370

VERT SPREAD: 2.253

GROUP SPREAD: 2.732

MIN RADIUS: 0.258

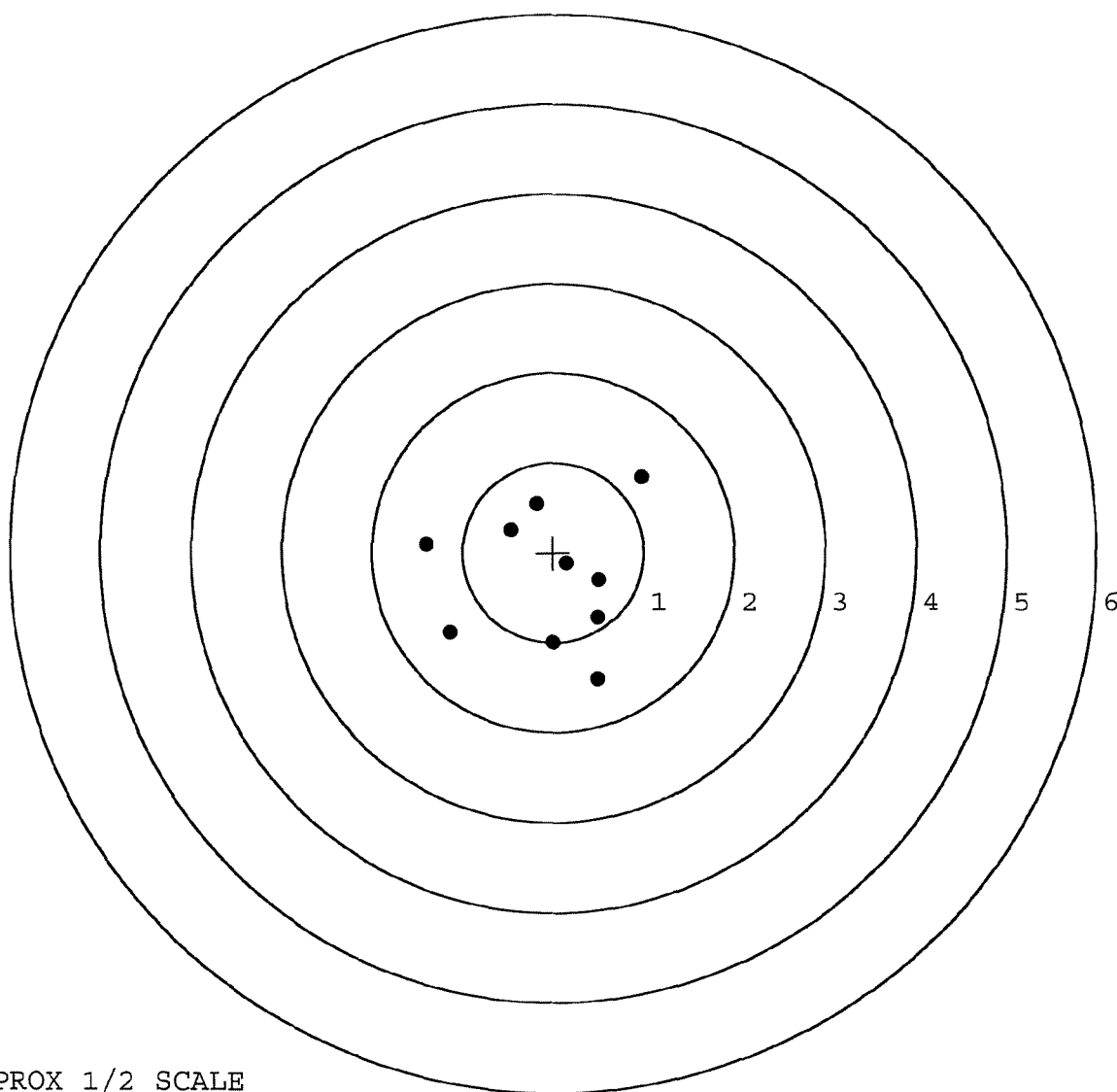
MAX RADIUS: 1.517

MEAN RADIUS: 0.917

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



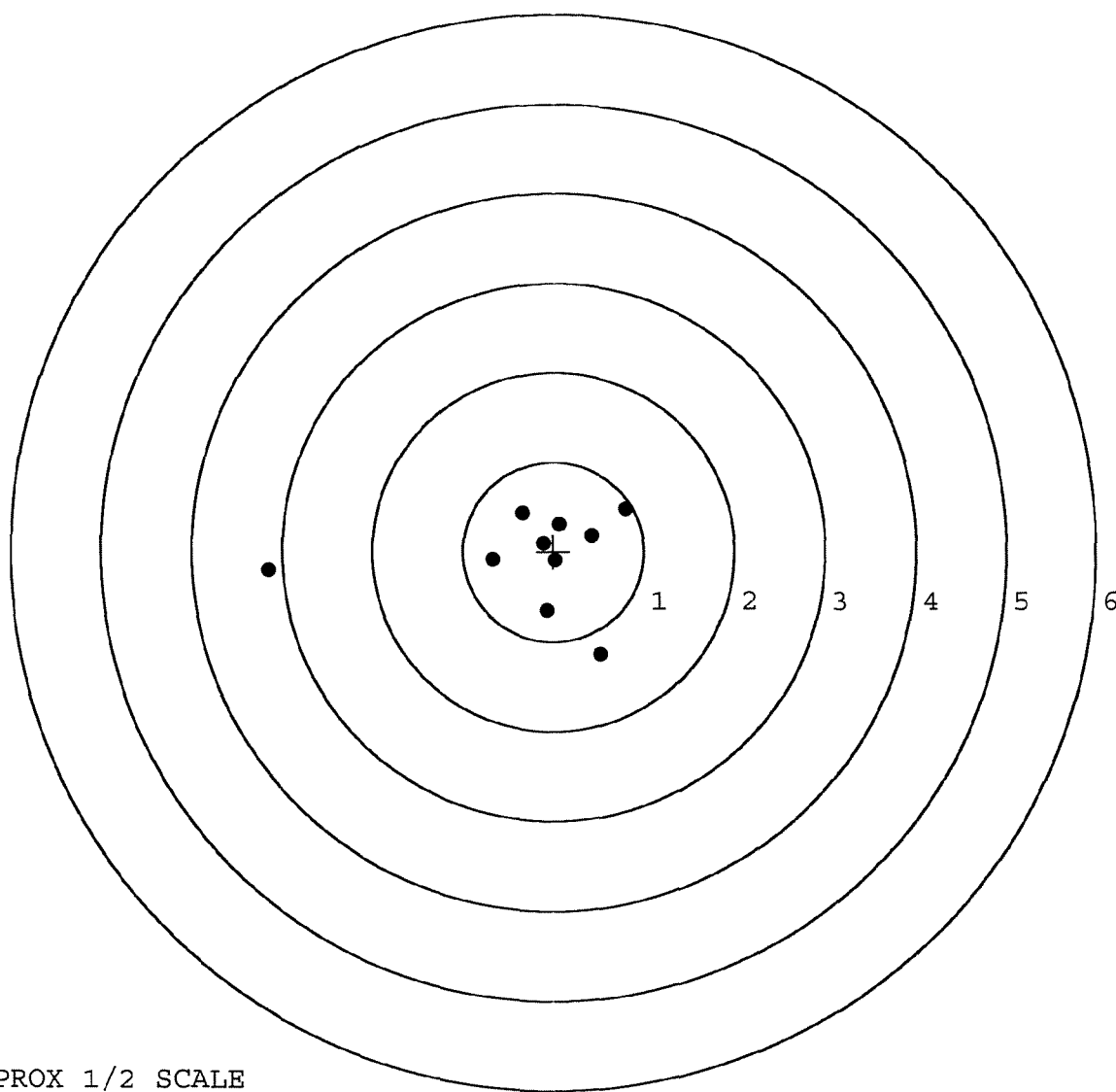
TARGET APPROX 1/2 SCALE

BARBER - M24 0111332

SERIAL NUMBER: E6790584. __0
 TARGET NUMBER: 3
 FILE DATE: 04/17/2002
 FILE TIME: 13:36

POINT#	X	Y
1:	0.799	0.475
2:	-0.345	0.429
3:	-0.668	-0.099
4:	-0.079	-0.660
5:	0.521	-1.146
6:	-3.150	-0.221
7:	0.025	-0.100
8:	0.424	0.177
9:	0.064	0.305
10:	-0.113	0.089

X CENTROID: -0.252
 Y CENTROID: -0.075
 POA TO CENTROID: 0.263
 HORZ SPREAD: 3.949
 VERT SPREAD: 1.621
 GROUP SPREAD: 4.010
 MIN RADIUS: 0.215
 MAX RADIUS: 2.901
 MEAN RADIUS: 0.866
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0111333

SERIAL NUMBER: E6790584. __0

TARGET NUMBER: 4

FILE DATE: 04/17/2002

FILE TIME: 13:36

POINT#	X	Y
1:	0.785	-0.550
2:	0.475	-0.722
3:	-0.497	0.171
4:	-0.893	0.442
5:	0.164	1.542
6:	-0.167	0.337
7:	0.009	0.294
8:	0.132	0.092
9:	0.127	-0.255
10:	-0.103	-0.029

X CENTROID: 0.003

Y CENTROID: 0.132

POA TO CENTROID: 0.132

HORZ SPREAD: 1.678

VERT SPREAD: 2.264

GROUP SPREAD: 2.285

MIN RADIUS: 0.135

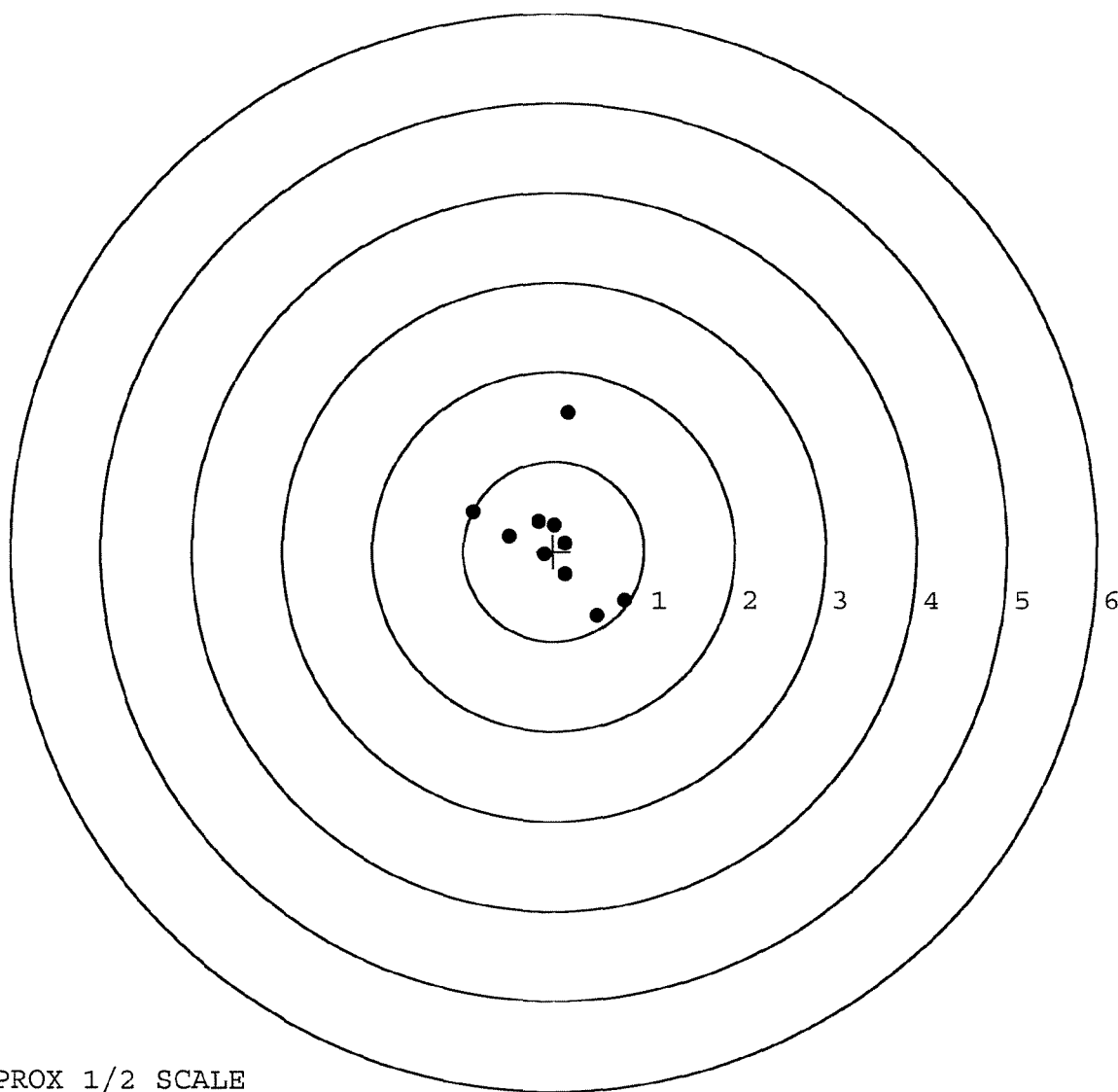
MAX RADIUS: 1.419

MEAN RADIUS: 0.604

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



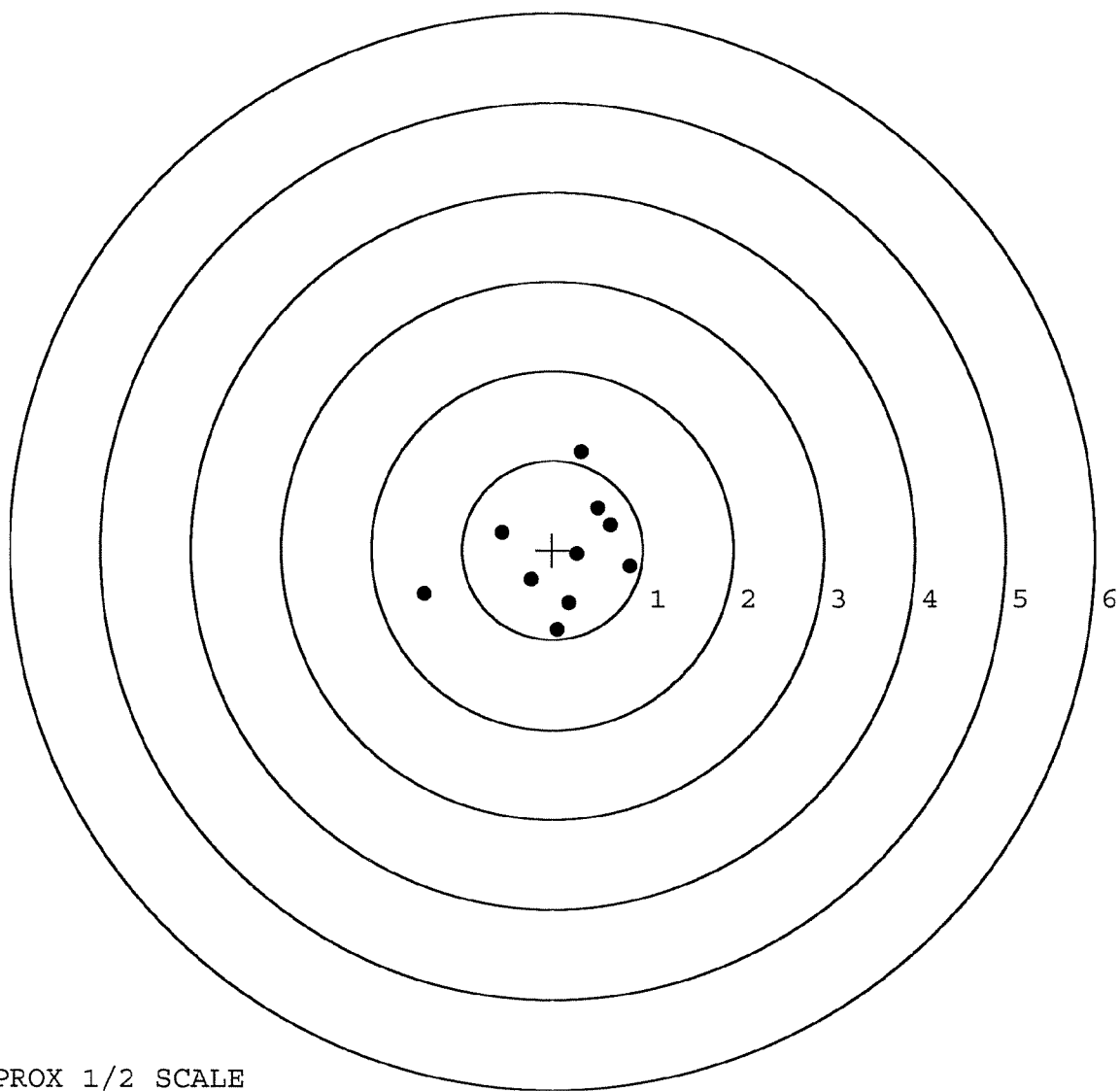
TARGET APPROX 1/2 SCALE

BARBER - M24 0111334

SERIAL NUMBER: E6790584. __0
 TARGET NUMBER: 5
 FILE DATE: 04/17/2002
 FILE TIME: 13:36

POINT#	X	Y
1:	0.855	-0.190
2:	0.646	0.274
3:	0.505	0.473
4:	0.319	1.100
5:	-0.560	0.199
6:	-1.420	-0.497
7:	-0.239	-0.339
8:	0.180	-0.595
9:	0.057	-0.896
10:	0.267	-0.048

X CENTROID: 0.061
 Y CENTROID: -0.052
 POA TO CENTROID: 0.080
 HORZ SPREAD: 2.275
 VERT SPREAD: 1.996
 GROUP SPREAD: 2.361
 MIN RADIUS: 0.206
 MAX RADIUS: 1.546
 MEAN RADIUS: 0.758
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE