

BARBER - M24 0111473

E 679 0598

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

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

46 FORM

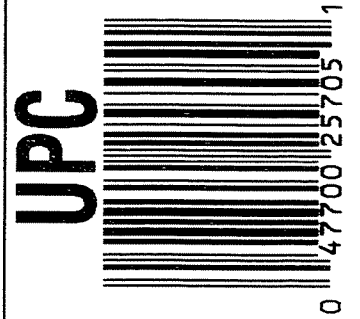


ORDER NO. **25705**

BARREL LENGTH **24"**

CAPACITY **6**

E6790598



VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.

Remington®

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

Made in Ilion, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Deposee.

SERIAL NO. J
E6790598

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13PW


5705 E6790598

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MODEL 700™ M24
UPC



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MODEL 700™ M24
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SERIAL NO.

E6790598

CONTRACT #
DAAE20-01-P-0489
170 RIFLES

GUN SERIAL # 16790598

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		1-29-02	PK
600	PROOF		1-29-02	K
607	CHECK HEADSPACE		1-29-02	AC
610	DIS-ASSEMBLE GUN		1-29-02	PK
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		2 2 02	
615	ROLLMARK CALIBER	OPERATOR	2/4/02	CB
617	DRILL AND TAP SIGHT HOLES		2/4/02	BWT
620	APPLY COATINGS (BARREL ACTION)		2-7	TA
	(BOLT)		2-7	TA
625	FINAL ASSEMBLY		2/11/02	DK
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2/11/02	DK
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2/11/02	DK
	D) OIL FIRING PIN ASSEMBLY		2/11/02	DK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	2/11/02	DK

OP #	OPERATION	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>5.5</u> <u>5.5</u>	5/24/02	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.0</u>	5/24/02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.023</u>	5/24/02	DA
	J) ASSEMBLE STOCK		5/31/02	RW
	K) ASSEMBLE SWIVEL STUDS		6/14/02	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/14/02	RW
	M) IRON SIGHT ALIGNMENT		6/14/02	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/14/02	RW
640	GALLERY TEST AND TARGET	PASS FAIL	5-10-02	A
	MALFUNCTION	CORRECTION	5-10-02	A
	MALFUNCTION	CORRECTION	5-10-02	A
	MALFUNCTION	CORRECTION	5-10-02	A
	MALFUNCTION	CORRECTION	5-10-02	A
645	INSPECT FOR LIVE AMMO		5-10-02	A
655	FINAL INSPECTION A) HEADSPACE		6/14/02	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>255</u> <u>266</u> <u>270</u> <u>270</u> <u>290</u>	5/28/02	RL
	C) FUNCTION		6/14/02	RW
660	PACK		6/11/02	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. E6790598
DATE 2/4/02
TESTER D.N.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.73	2.45		2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.67		2.69	
PULL #3	2.69	2.68		2.60	
PULL #4	2.68	2.61		2.75	
PULL #5	2.59	2.62		2.68	
TOTAL	13.32	13.03		13.46	
AVG.	2.66	2.61		2.69	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.50		
PULL #2	3.37	3.49		
PULL #3	3.35	3.44		
PULL #4	3.39	3.37		
PULL #5	3.42	3.27		
TOTAL	16.91	17.07		
AVG.	3.38	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.36		4.27
PULL #2	4.40	4.47		4.26
PULL #3	4.46	4.36		4.19
PULL #4	4.47	4.44		4.18
PULL #5	4.26	4.40		4.31
TOTAL	22.04	22.03		21.21
AVG.	4.41	4.41		4.24

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6790598.___0
FILE DATE AND TIME: 05/11/2002 13:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

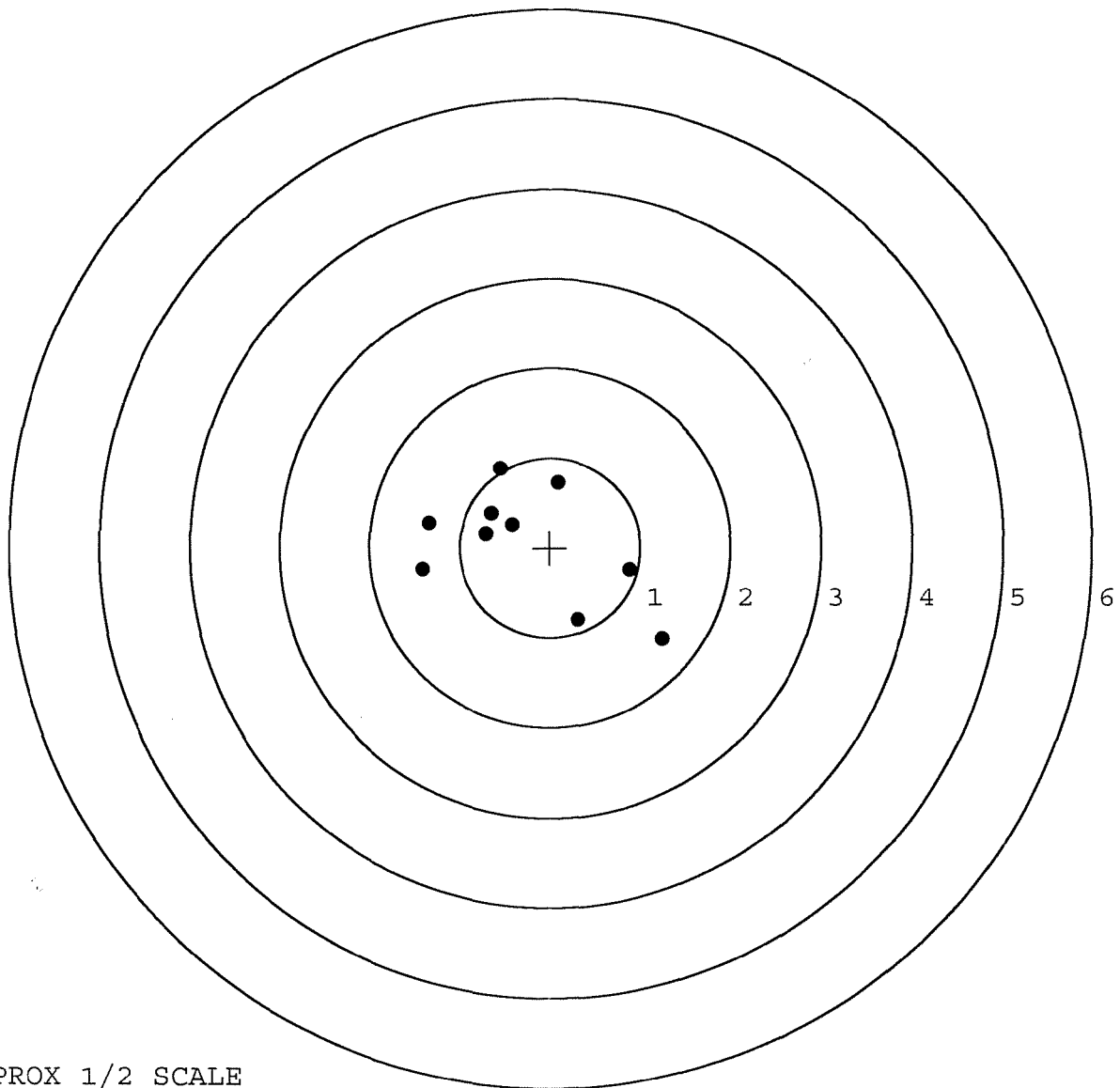
The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.125
The Average Point of Impact of the Five Target Set:	0.127
The Average Mean Radius of the Five Target Set:	0.853
The Distance from POA to Centroid Target #1:	0.258
The Distance from Centroid Target #2 to Centroid Target #1:	0.272
The Distance from Centroid Target #3 to Centroid Target #1:	0.356
The Distance from Centroid Target #4 to Centroid Target #1:	0.418
The Distance from Centroid Target #5 to Centroid Target #1:	0.507

BARBER - M24 0111480

SERIAL NUMBER: E6790598. __0
TARGET NUMBER: 1
FILE DATE: 05/11/2002
FILE TIME: 13:35

POINT#	X	Y
1:	1.249	-1.023
2:	0.313	-0.806
3:	0.881	-0.246
4:	0.090	0.724
5:	-0.552	0.884
6:	-1.344	0.272
7:	-1.413	-0.242
8:	-0.647	0.384
9:	-0.706	0.159
10:	-0.423	0.254

X CENTROID: -0.255
Y CENTROID: 0.036
POA TO CENTROID: 0.258
HORZ SPREAD: 2.662
VERT SPREAD: 1.907
GROUP SPREAD: 2.898
MIN RADIUS: 0.275
MAX RADIUS: 1.840
MEAN RADIUS: 0.927
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0111481

SERIAL NUMBER: E6790598. __0

TARGET NUMBER: 2

FILE DATE: 05/11/2002

FILE TIME: 13:35

X CENTROID: 0.009

Y CENTROID: 0.102

POA TO CENTROID: 0.102

HORZ SPREAD: 1.698

VERT SPREAD: 1.445

GROUP SPREAD: 1.798

MIN RADIUS: 0.227

MAX RADIUS: 1.069

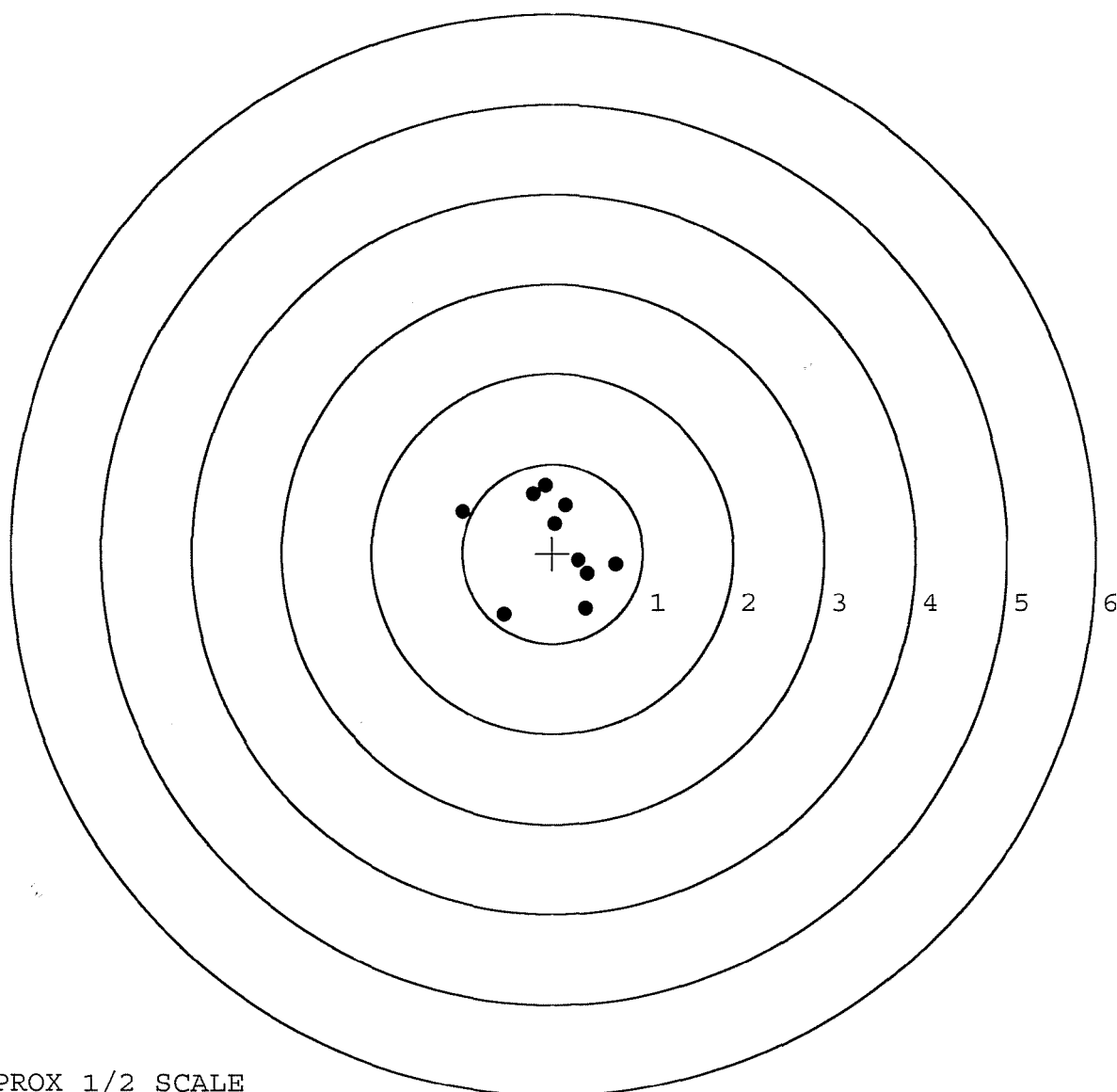
MEAN RADIUS: 0.634

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.372	-0.617
2:	0.702	-0.125
3:	0.144	0.536
4:	0.025	0.328
5:	-0.219	0.661
6:	-0.082	0.760
7:	-0.996	0.466
8:	-0.535	-0.685
9:	0.289	-0.078
10:	0.389	-0.226



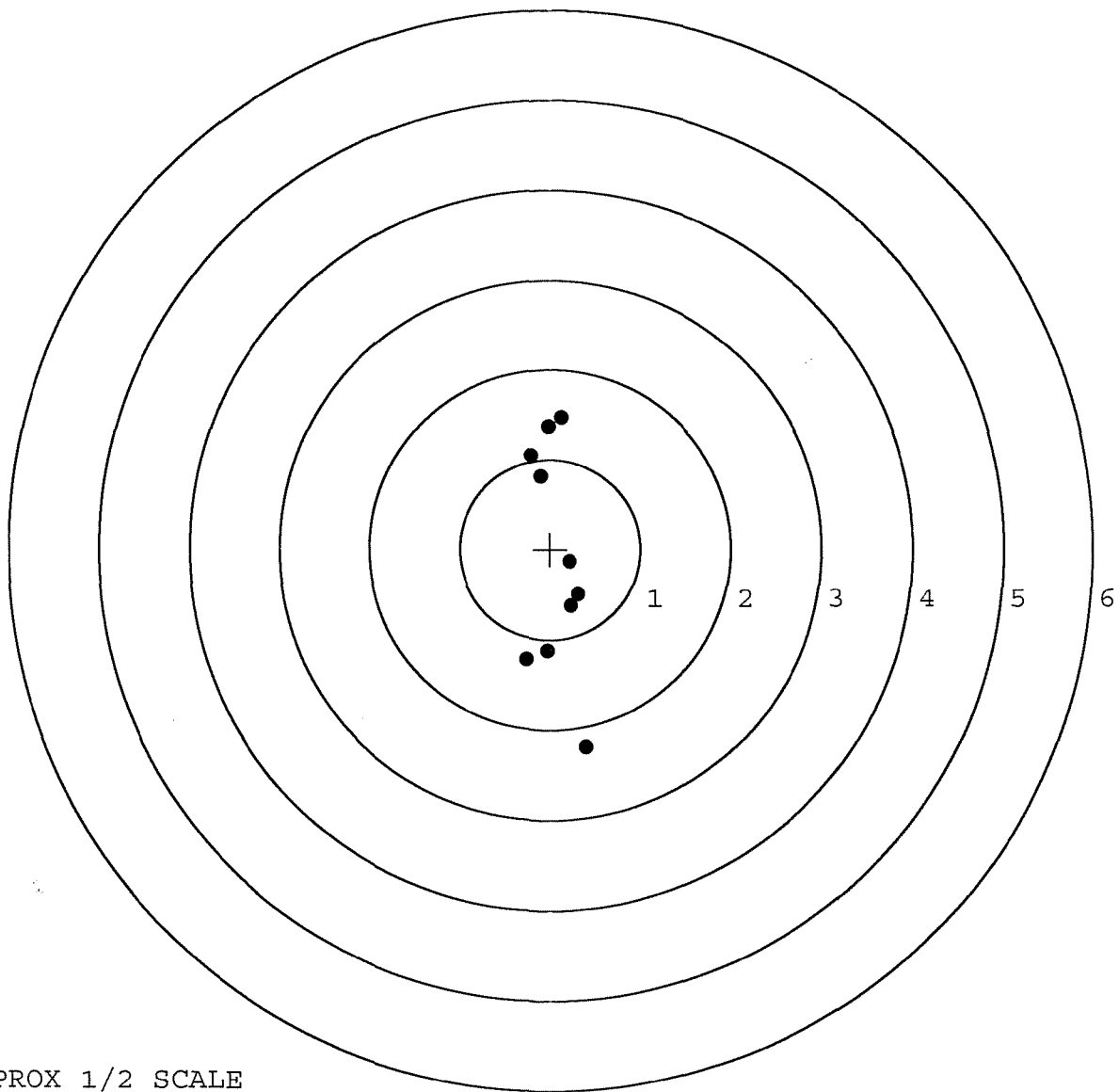
TARGET APPROX 1/2 SCALE

BARBER - M24 0111482

SERIAL NUMBER: E6790598. __0
TARGET NUMBER: 3
FILE DATE: 05/11/2002
FILE TIME: 13:35

POINT#	X	Y
1:	0.412	-2.198
2:	-0.033	-1.130
3:	-0.263	-1.221
4:	0.237	-0.632
5:	0.320	-0.502
6:	0.214	-0.142
7:	-0.100	0.812
8:	-0.212	1.041
9:	0.122	1.462
10:	-0.023	1.365

X CENTROID: 0.067
Y CENTROID: -0.115
POA TO CENTROID: 0.133
HORZ SPREAD: 0.675
VERT SPREAD: 3.660
GROUP SPREAD: 3.671
MIN RADIUS: 0.149
MAX RADIUS: 2.112
MEAN RADIUS: 1.063
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

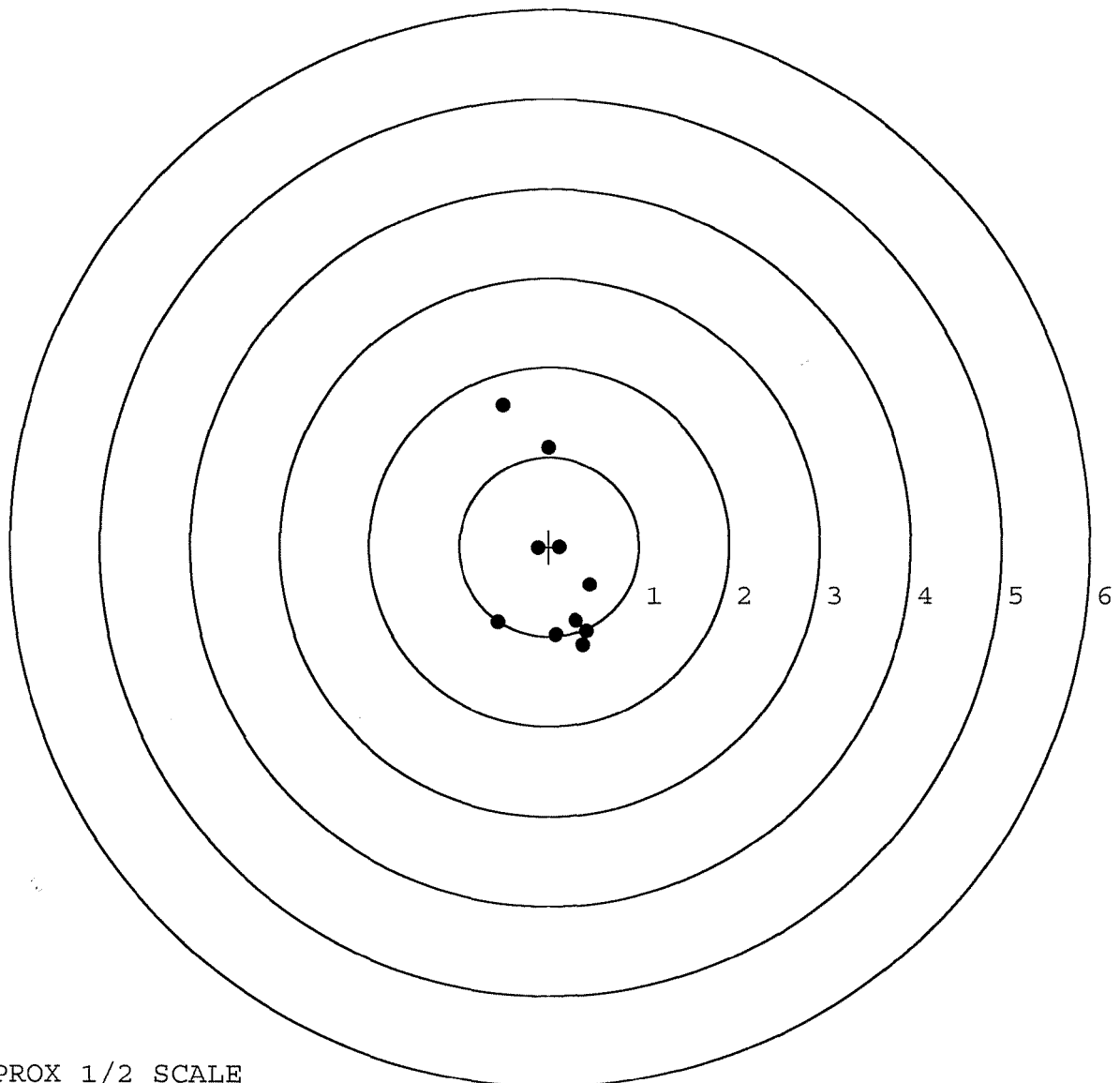
BARBER - M24 0111483

SERIAL NUMBER: E6790598. __0
TARGET NUMBER: 4
FILE DATE: 05/11/2002
FILE TIME: 13:35

X CENTROID: 0.052
Y CENTROID: -0.247
POA TO CENTROID: 0.252
HORZ SPREAD: 1.032
VERT SPREAD: 2.668
GROUP SPREAD: 2.815
MIN RADIUS: 0.245
MAX RADIUS: 1.908
MEAN RADIUS: 0.817

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.517	1.574
2:	-0.010	1.103
3:	-0.121	-0.016
4:	0.116	-0.010
5:	0.459	-0.422
6:	-0.573	-0.842
7:	0.078	-0.987
8:	0.294	-0.831
9:	0.415	-0.943
10:	0.380	-1.094



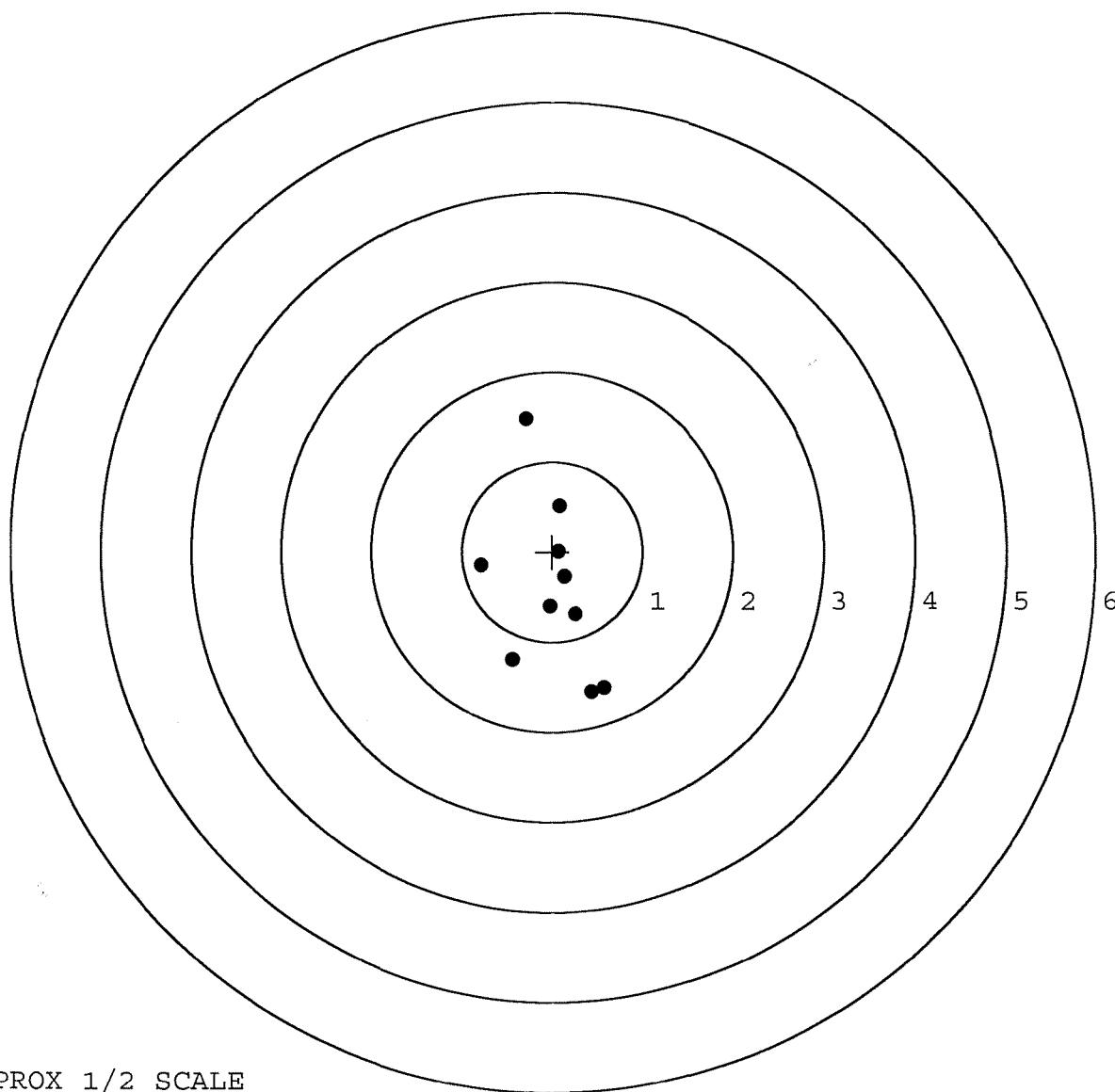
TARGET APPROX 1/2 SCALE

BARBER - M24 0111484

SERIAL NUMBER: E6790598. __0
 TARGET NUMBER: 5
 FILE DATE: 05/11/2002
 FILE TIME: 13:35

POINT#	X	Y
1:	0.578	-1.512
2:	0.439	-1.555
3:	-0.445	-1.198
4:	0.260	-0.695
5:	-0.031	-0.608
6:	0.137	-0.277
7:	0.069	-0.001
8:	-0.780	-0.148
9:	0.081	0.503
10:	-0.296	1.479

X CENTROID: 0.001
 Y CENTROID: -0.401
 POA TO CENTROID: 0.401
 HORZ SPREAD: 1.358
 VERT SPREAD: 3.034
 GROUP SPREAD: 3.122
 MIN RADIUS: 0.184
 MAX RADIUS: 1.904
 MEAN RADIUS: 0.822
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE