

G 659 0065

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

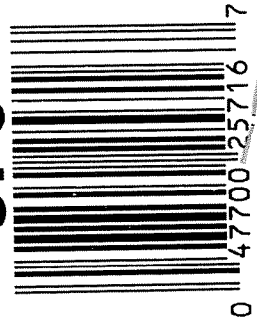


owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6
G6590065	

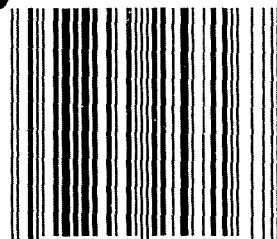
UPC



ORDER **25716**

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

UPC

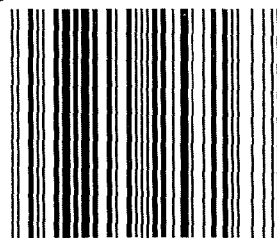


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66590065

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590065

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-30-06	RTZ
420	ASSEMBLE ACTION		8-30-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		8-31-06	L.P.D.
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	8-31-06	L.P.D.
470	DIS-ASSEMBLE ACTION	SEP 05 2006	9-1-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unms</u>	9/5/06	<u>unms</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-5-06	CW
510	DRILL AND TAP SIGHT HOLES		9-5-06	TRW
520	GOFF BLAST BBL / REC		9-6-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/13/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-18-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-18-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-18-06	DA
	D) OIL FIRING PIN ASSEMBLY		9-18-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6°</u> <u>5°</u> <u>6°</u>	10-2-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4°</u> <u>5°</u> <u>5°</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-18-06	LTZ
	K) ASSEMBLE SWIVEL STUDS		11-8-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-18-06	RZ
	M) IRON SIGHT ALIGNMENT		9-18-06	RZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-18-06	RZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-18-06	TRL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-18-06	BD
670	FINAL INSPECTION A) HEADSPACE		11-8-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.51</u> <u>2.58</u> <u>2.56</u> <u>2.62</u> <u>2.65</u>	9-19-06	DTA
	C) FUNCTION		11-8-06	L.P.D.
690	PACK		11/12/06	RA

F004 REV 5/2006

BARBER - M24 0164069**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 9-15-06TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.63		2.42	
PULL #2	2.53	2.37		2.41	
PULL #3	2.55	2.34		2.43	
PULL #4	2.65	2.21		2.45	
PULL #5	2.66	2.07		2.44	
TOTAL	12.97	11.62		12.15	
AVERAGE	2.59	2.32		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.01		
PULL #2	3.06	3.07		
PULL #3	3.10	3.01		
PULL #4	3.10	3.20		
PULL #5	3.06	3.10		
TOTAL	15.36	15.39		
AVERAGE	3.07	3.08		

	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	3.98	3.92		3.89
PULL #2	3.93	3.90		3.87
PULL #3	3.91	3.83		4.01
PULL #4	3.83	3.85		3.94
PULL #5	3.81	3.89		3.99
TOTAL	19.46	19.39		19.70
AVERAGE	3.89	3.88		3.94

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590065.___0
FILE DATE AND TIME: 09/19/2006 05:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

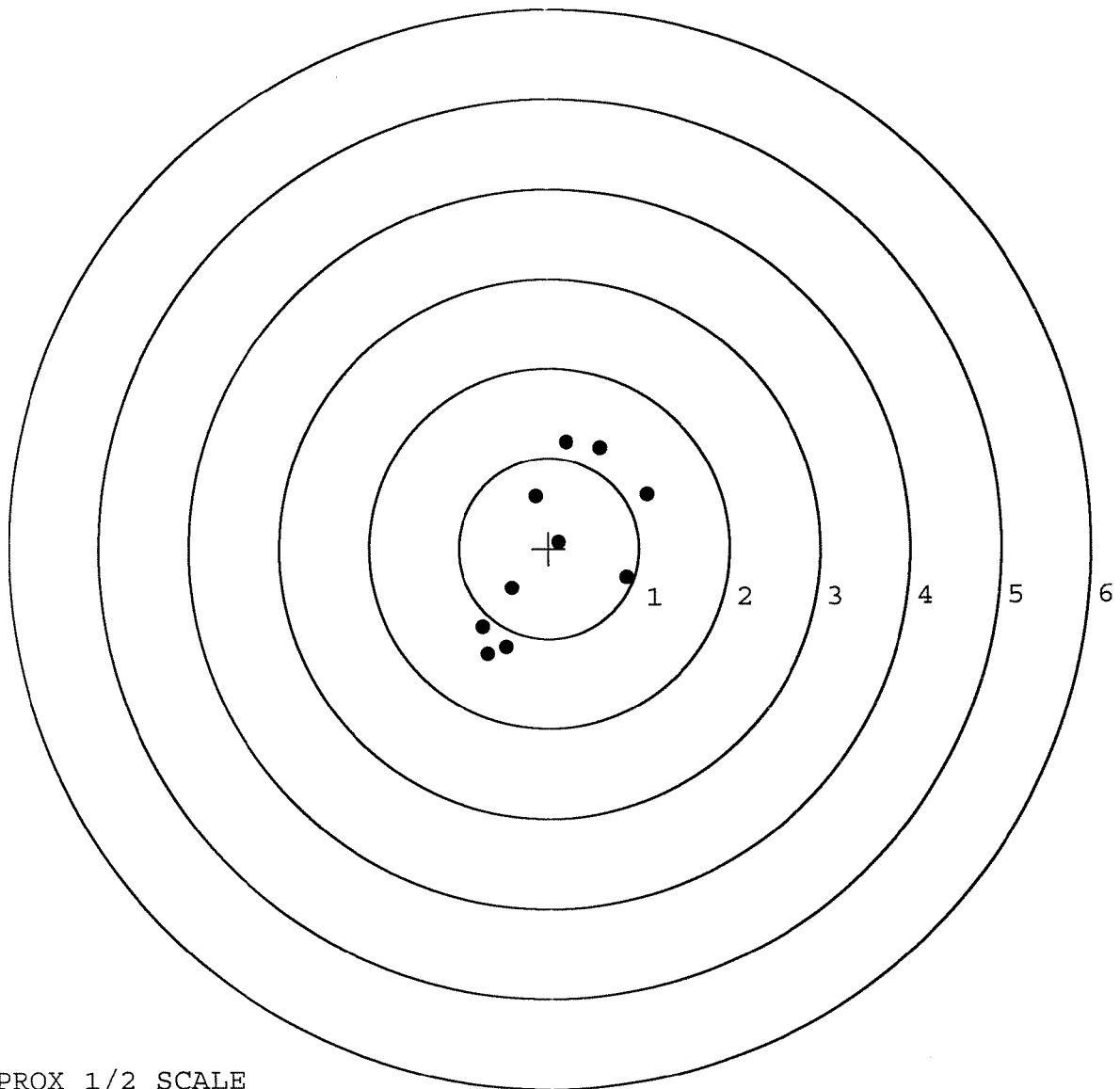
The Average X Centroid of the Five Target Set:	0.012
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.775
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.064
The Distance from Centroid Target #3 to Centroid Target #1:	0.159
The Distance from Centroid Target #4 to Centroid Target #1:	0.070
The Distance from Centroid Target #5 to Centroid Target #1:	0.302

BARBER - M24 0164071

SERIAL NUMBER: G6590065. __0
TARGET NUMBER: 1
FILE DATE: 09/19/2006
FILE TIME: 05:33

X CENTROID: 0.039
Y CENTROID: -0.039
POA TO CENTROID: 0.055
HORZ SPREAD: 1.828
VERT SPREAD: 2.350
GROUP SPREAD: 2.605
MIN RADIUS: 0.132
MAX RADIUS: 1.344
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.574	1.109
2:	0.205	1.178
3:	-0.143	0.577
4:	1.089	0.588
5:	0.862	-0.332
6:	0.111	0.071
7:	-0.413	-0.445
8:	-0.474	-1.097
9:	-0.685	-1.172
10:	-0.739	-0.871



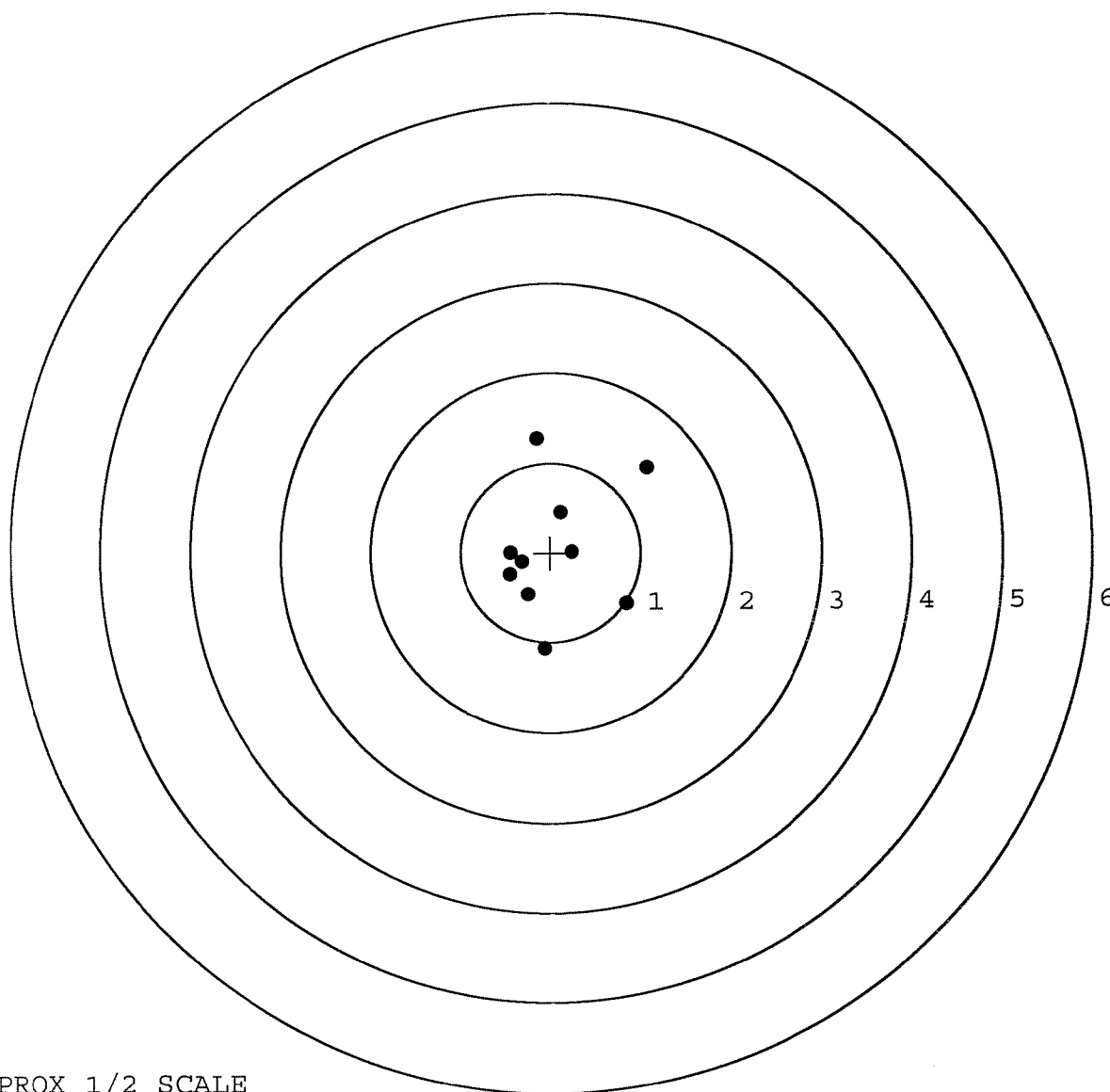
TARGET APPROX 1/2 SCALE

BARBER - M24 0164072

SERIAL NUMBER: G6590065. __0
TARGET NUMBER: 2
FILE DATE: 09/19/2006
FILE TIME: 05:33

X CENTROID: 0.060
Y CENTROID: 0.021
POA TO CENTROID: 0.063
HORZ SPREAD: 1.523
VERT SPREAD: 2.346
GROUP SPREAD: 2.322
MIN RADIUS: 0.183
MAX RADIUS: 1.370
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.151	1.268
2:	1.072	0.944
3:	-0.070	-1.078
4:	0.841	-0.578
5:	0.119	0.453
6:	0.243	0.009
7:	-0.247	-0.467
8:	-0.316	-0.103
9:	-0.441	0.001
10:	-0.451	-0.243



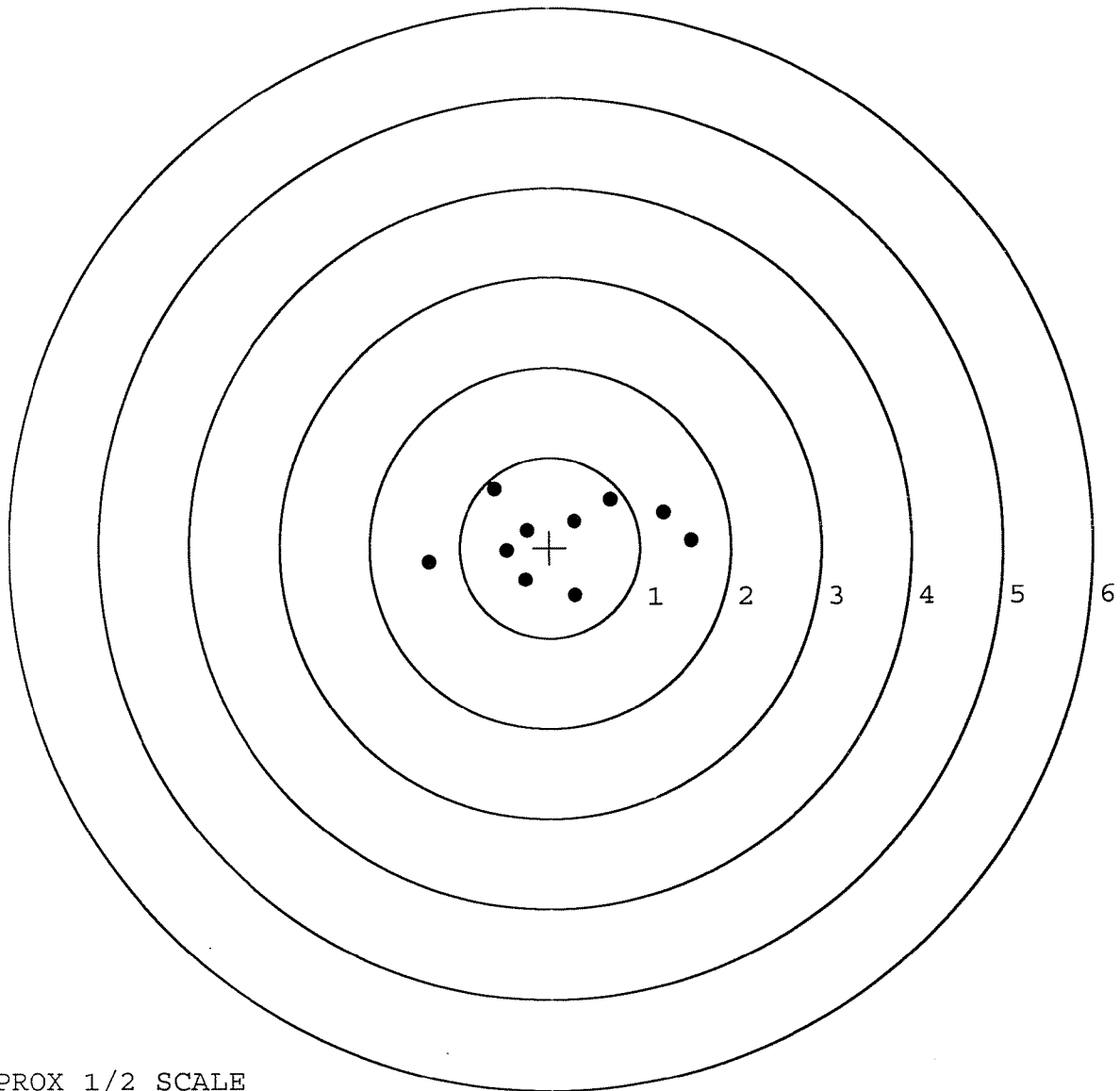
TARGET APPROX 1/2 SCALE

BARBER - M24 0164073

SERIAL NUMBER: G6590065. __0
TARGET NUMBER: 3
FILE DATE: 09/19/2006
FILE TIME: 05:33

X CENTROID: 0.112
Y CENTROID: 0.102
POA TO CENTROID: 0.151
HORZ SPREAD: 2.904
VERT SPREAD: 1.188
GROUP SPREAD: 2.913
MIN RADIUS: 0.250
MAX RADIUS: 1.476
MEAN RADIUS: 0.821
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.563	0.076
2:	1.258	0.384
3:	0.676	0.530
4:	0.278	0.289
5:	-0.609	0.651
6:	-1.341	-0.158
7:	0.285	-0.537
8:	-0.247	0.188
9:	-0.478	-0.037
10:	-0.269	-0.366



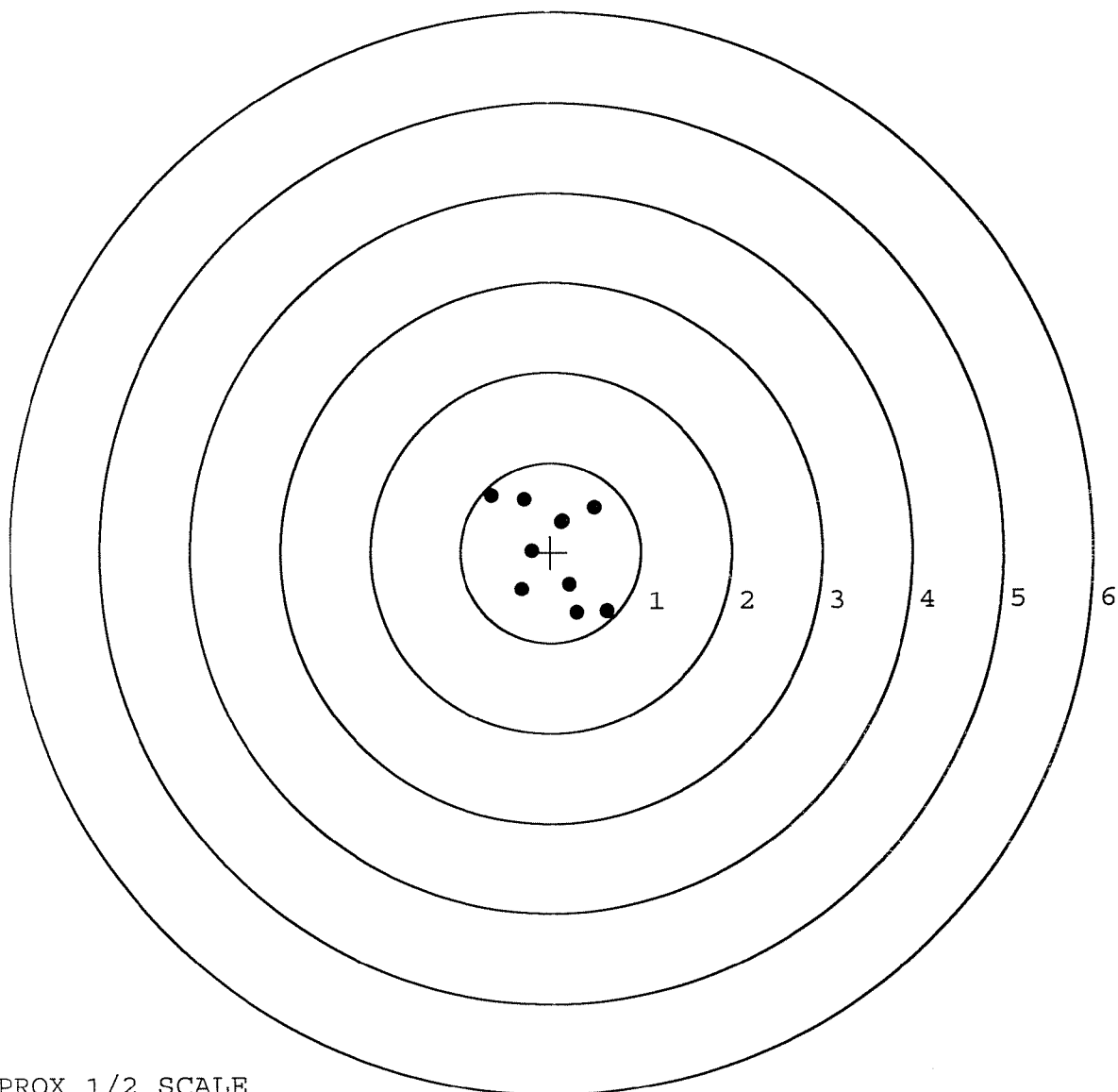
TARGET APPROX 1/2 SCALE

BARBER - M24 0164074

SERIAL NUMBER: G6590065. __0
TARGET NUMBER: 4
FILE DATE: 09/19/2006
FILE TIME: 05:33

X CENTROID: 0.041
Y CENTROID: 0.031
POA TO CENTROID: 0.051
HORZ SPREAD: 1.272
VERT SPREAD: 1.314
GROUP SPREAD: 1.821
MIN RADIUS: 0.250
MAX RADIUS: 0.918
MEAN RADIUS: 0.578
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.647	0.639
2:	-0.291	0.592
3:	0.490	0.499
4:	0.121	0.335
5:	0.625	-0.664
6:	0.292	-0.675
7:	0.211	-0.360
8:	-0.322	-0.419
9:	-0.209	0.014
10:	0.136	0.348



TARGET APPROX 1/2 SCALE

BARBER - M24 0164075

SERIAL NUMBER: G6590065. __0

TARGET NUMBER: 5

FILE DATE: 09/19/2006

FILE TIME: 05:33

X CENTROID: -0.191

Y CENTROID: -0.236

POA TO CENTROID: 0.303

HORZ SPREAD: 1.724

VERT SPREAD: 3.142

GROUP SPREAD: 3.257

MIN RADIUS: 0.150

MAX RADIUS: 2.516

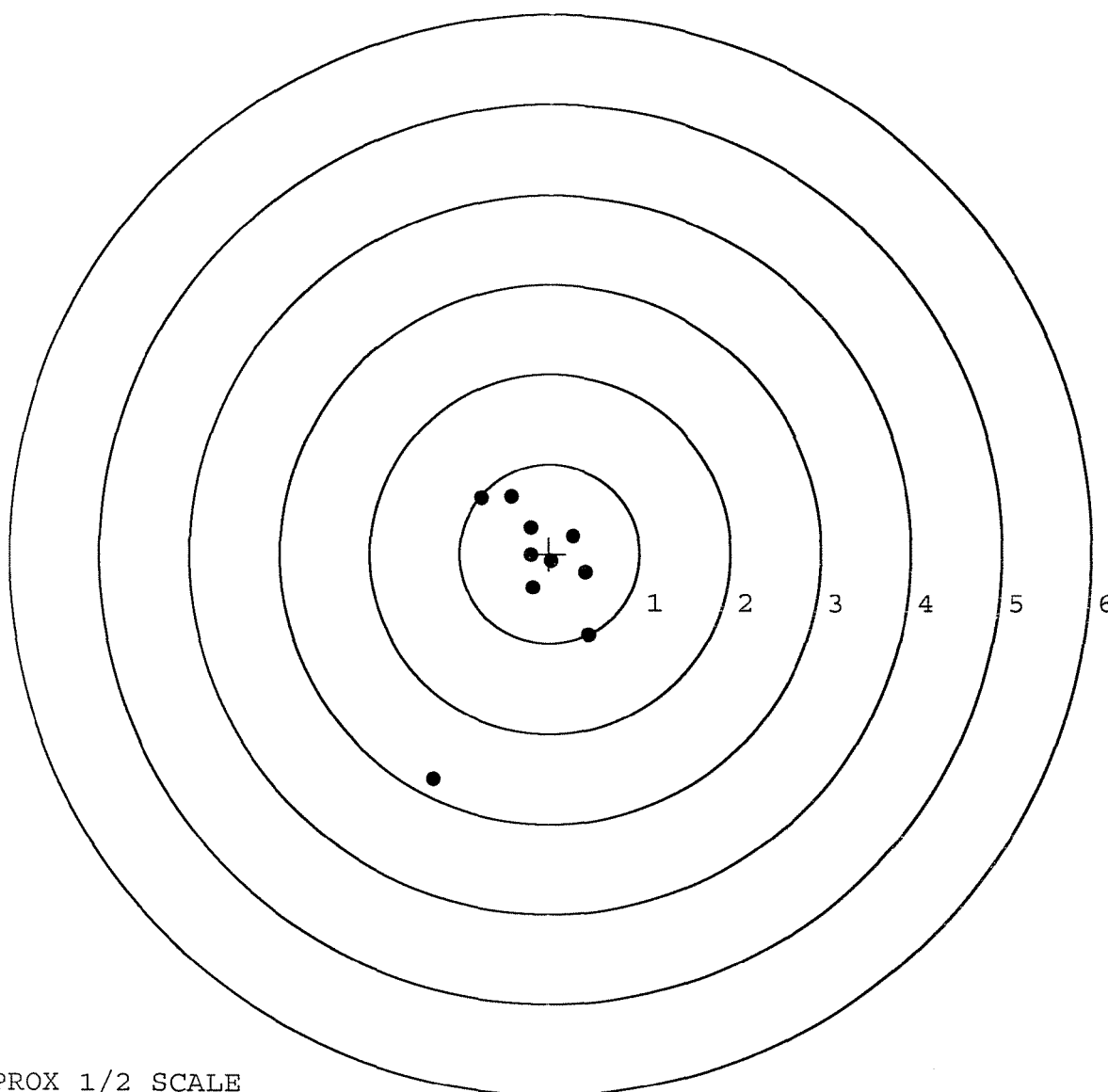
MEAN RADIUS: 0.776

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.443	-0.907
2:	-0.425	0.639
3:	-0.757	0.621
4:	-1.281	-2.503
5:	0.409	-0.203
6:	0.262	0.196
7:	-0.209	0.288
8:	-0.181	-0.385
9:	-0.200	-0.016
10:	0.026	-0.086



TARGET APPROX 1/2 SCALE