

GCS9 1531

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

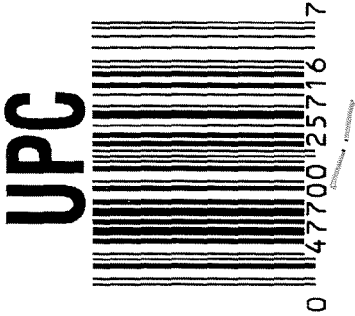
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591531



ORDER 25716

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

UPC

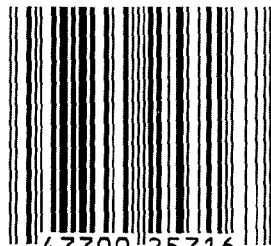


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ORDER 25716

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

UPC



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SERIAL NO.



66591531

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591531

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-6-06	RTZ
420	ASSEMBLE ACTION		9-7-06	RTZ
430	ASSEMBLE TO STOCK		9-7-06	BD
440	PROOF	MAGNA-FLUX INSPECTED	9-7-06	TRW
460	CHECK HEADSPACE	SEP 11 2006	9-7-06	TRW
470	DIS-ASSEMBLE ACTION	OPERATOR <i>Quartz</i>	9-7-06	RTZ
480	MAGNAFLUX BBL ACTION		9/11/06	<i>Quartz</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-11-06	CW
510	DRILL AND TAP SIGHT HOLES		9-11-06	TRW
520	GOFF BLAST BBL / REC		9-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/14/06	TB
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		9-19-06	BLC
	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>7°</u> <u>8°</u> <u>7°</u>	10-2-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5°</u> <u>6°</u> <u>5°</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.023</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-19-06	BLC
	K) ASSEMBLE SWIVEL STUDS		11-8-06	RRZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-19-06	BLC
	M) IRON SIGHT ALIGNMENT		9-19-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-19-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-19-06	R.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/19/06	R.P.D.
670	FINAL INSPECTION A) HEADSPACE		11-08-06	RR
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS			
	C) FUNCTION		11-8-06	RR
690	PACK		11/8/06	RA

F004 REV 5/2006

BARBER - M24 0167496AVERAGE 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 9-18-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	257	239		250	
PULL #2	259	250		255	
PULL #3	258	248		255	
PULL #4	263	250		255	
PULL #5	259	239		238	
TOTAL	1296	1226		1253	
AVERAGE	259	245		250	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	304	302		
PULL #2	300	313		
PULL #3	303	315		
PULL #4	302	314		
PULL #5	306	311		
TOTAL	1515	1555		
AVERAGE	303	311		

	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	414	388		415
PULL #2	398	391		416
PULL #3	406	397		414
PULL #4	401	395		405
PULL #5	401	397		414
TOTAL	2020	1968		2064
AVERAGE	404	393		412

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591531.___0
FILE DATE AND TIME: 09/20/2006 01:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

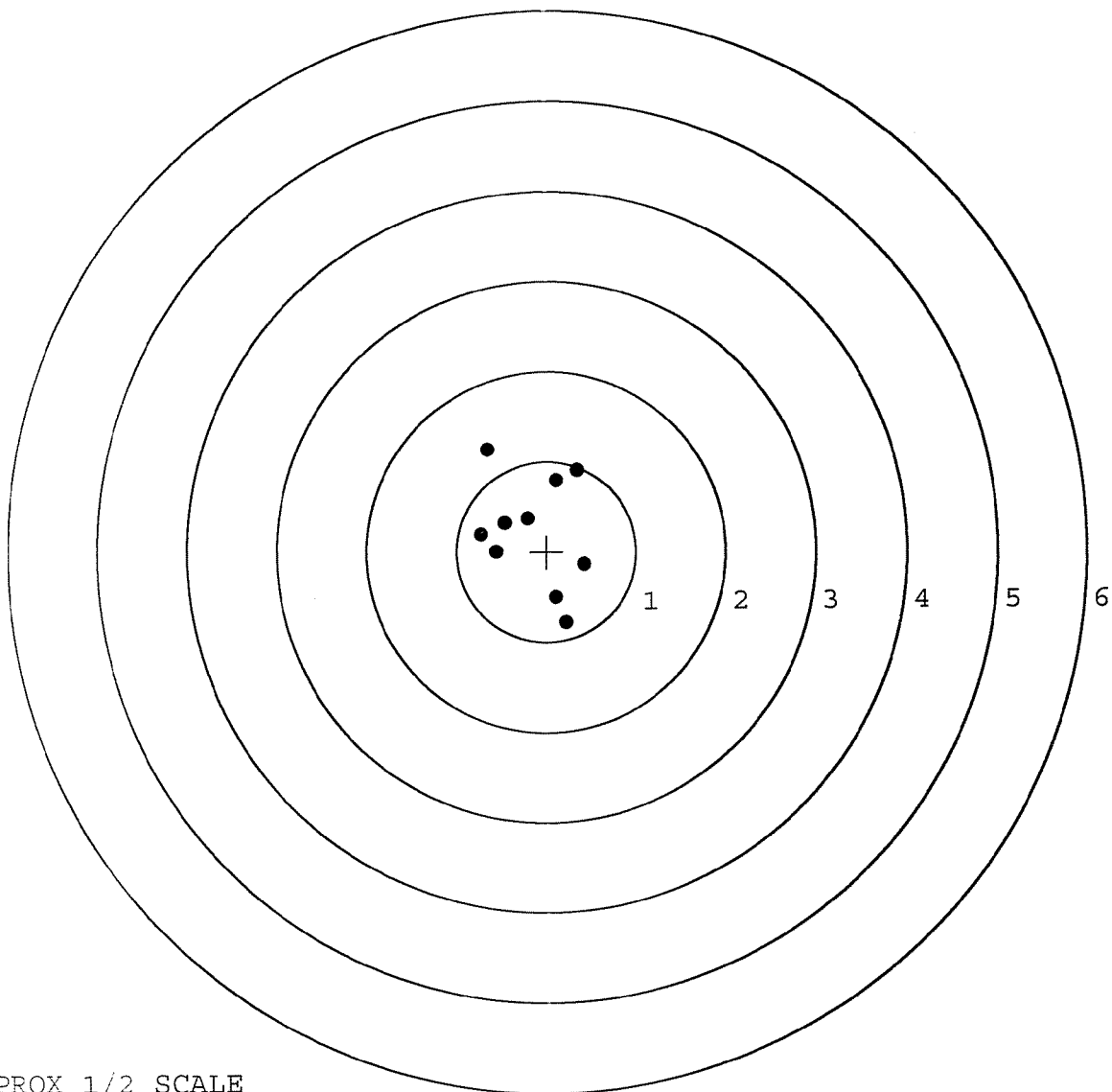
The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.118
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.608
The Distance from POA to Centroid Target #1:	0.269
The Distance from Centroid Target #2 to Centroid Target #1:	0.517
The Distance from Centroid Target #3 to Centroid Target #1:	0.243
The Distance from Centroid Target #4 to Centroid Target #1:	0.618
The Distance from Centroid Target #5 to Centroid Target #1:	0.416

BARBER - M24 0167498

SERIAL NUMBER: G6591531. __ 0
TARGET NUMBER: 1
FILE DATE: 09/20/2006
FILE TIME: 01:23

POINT#	X	Y
1:	0.344	0.905
2:	0.109	0.788
3:	-0.655	1.134
4:	0.425	-0.145
5:	-0.207	0.372
6:	-0.470	0.324
7:	-0.733	0.198
8:	-0.565	0.004
9:	0.103	-0.509
10:	0.214	-0.793

X CENTROID: -0.144
Y CENTROID: 0.228
POA TO CENTROID: 0.269
HORZ SPREAD: 1.158
VERT SPREAD: 1.927
GROUP SPREAD: 2.114
MIN RADIUS: 0.158
MAX RADIUS: 1.082
MEAN RADIUS: 0.659
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



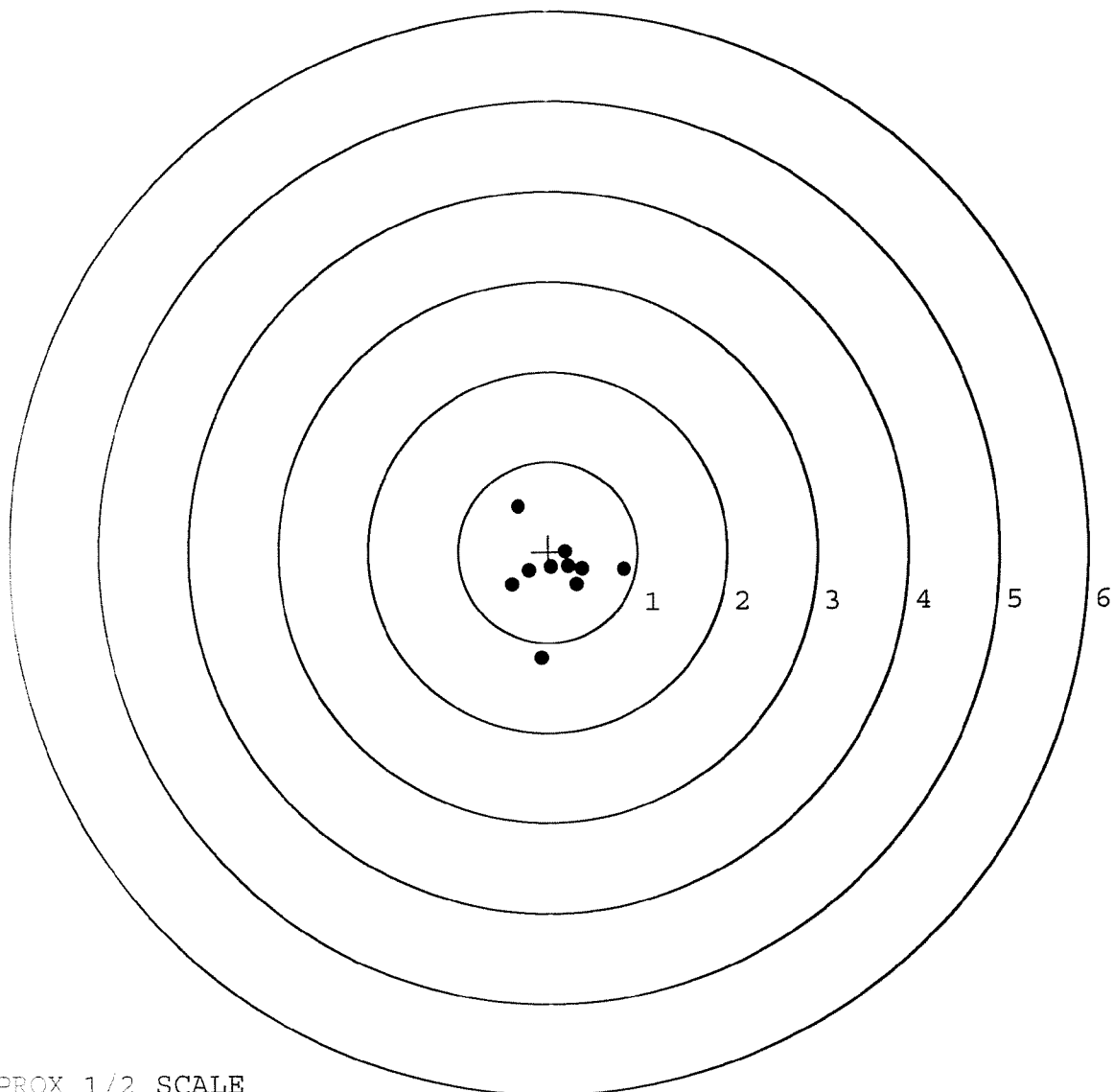
TARGET APPROX 1/2 SCALE

BARBER - M24 0167499

SERIAL NUMBER: G6591531. __0
 TARGET NUMBER: 2
 FILE DATE: 09/20/2006
 FILE TIME: 01:23

POINT#	X	Y
1:	-0.085	-1.175
2:	0.841	-0.198
3:	-0.340	0.505
4:	-0.413	-0.364
5:	-0.216	-0.208
6:	0.190	0.005
7:	0.225	-0.163
8:	0.374	-0.188
9:	0.317	-0.365
10:	0.028	-0.169

X CENTROID: 0.092
 Y CENTROID: -0.232
 POA TO CENTROID: 0.250
 HORZ SPREAD: 1.254
 VERT SPREAD: 1.680
 GROUP SPREAD: 1.699
 MIN RADIUS: 0.090
 MAX RADIUS: 0.959
 MEAN RADIUS: 0.444
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



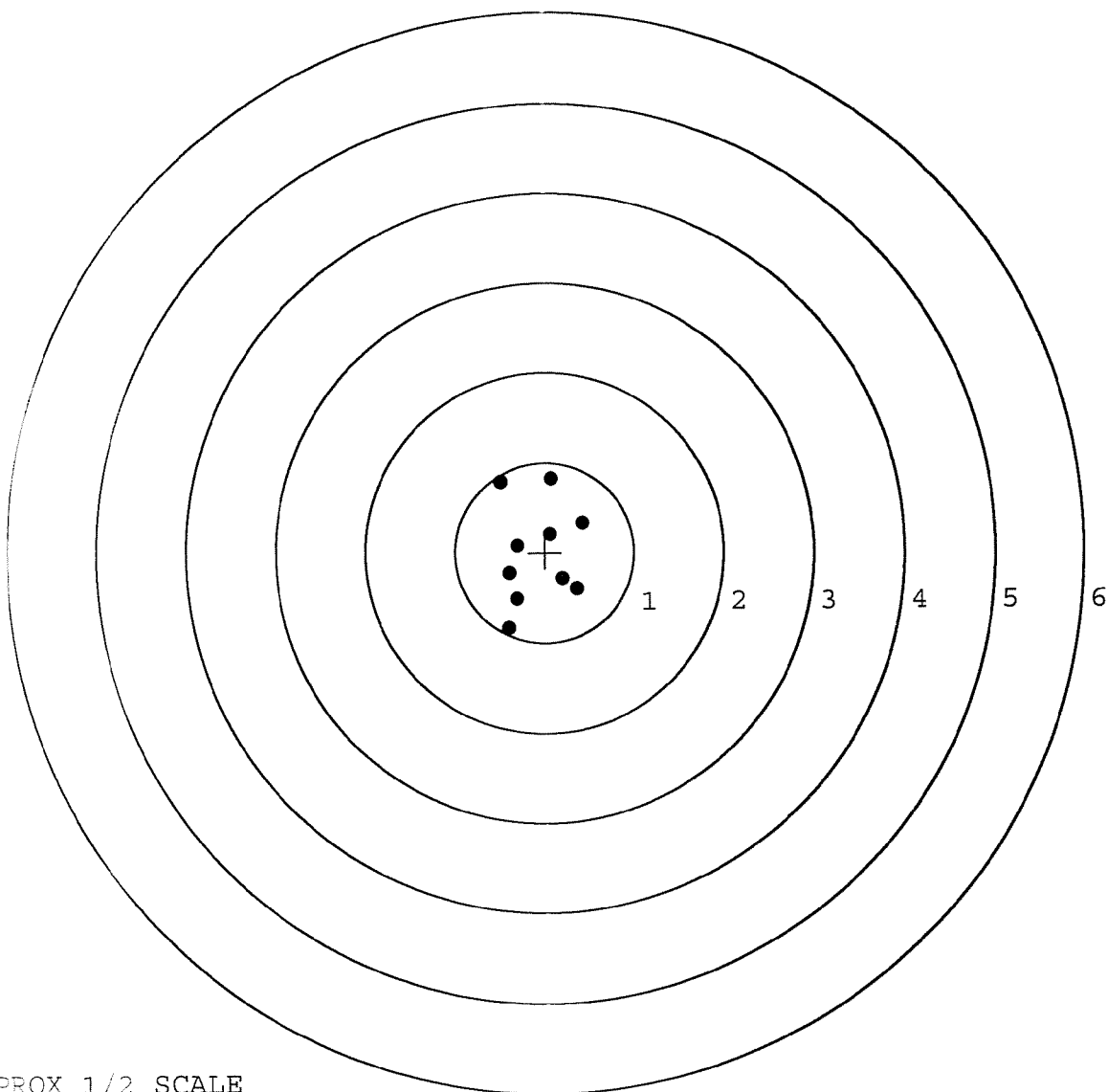
TARGET APPROX 1/2 SCALE

BARBER - M24 0167500

SERIAL NUMBER: G6591531. __0
TARGET NUMBER: 3
FILE DATE: 09/20/2006
FILE TIME: 01:23

X CENTROID: -0.084
Y CENTROID: -0.008
POA TO CENTROID: 0.084
HORZ SPREAD: 0.916
VERT SPREAD: 1.667
GROUP SPREAD: 1.633
MIN RADIUS: 0.245
MAX RADIUS: 0.898
MEAN RADIUS: 0.571
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.409	-0.841
2:	-0.318	-0.523
3:	-0.402	-0.237
4:	0.359	-0.413
5:	0.199	-0.296
6:	0.420	0.330
7:	0.055	0.206
8:	-0.313	0.078
9:	0.069	0.826
10:	-0.496	0.790



TARGET APPROX 1/2 SCALE

BARBER - M24 0167501

SERIAL NUMBER: G6591531. __ 0

TARGET NUMBER: 4

FILE DATE: 09/20/2006

FILE TIME: 01:23

X CENTROID: -0.140

Y CENTROID: -0.391

POA TO CENTROID: 0.415

HORZ SPREAD: 2.206

VERT SPREAD: 1.651

GROUP SPREAD: 2.400

MIN RADIUS: 0.264

MAX RADIUS: 1.283

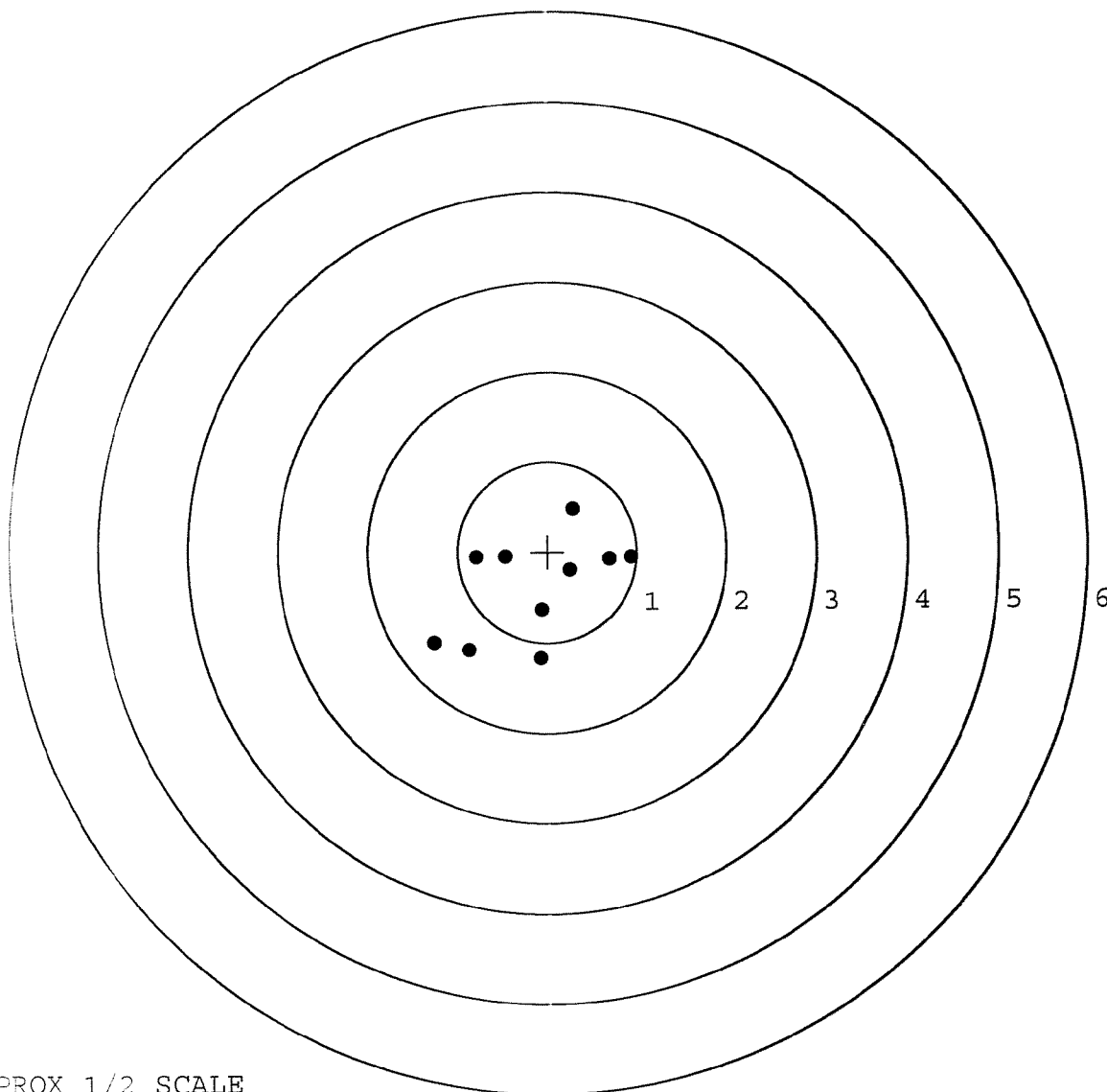
MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.940	-0.060
2:	0.689	-0.086
3:	0.251	-0.200
4:	-0.073	-0.646
5:	-0.083	-1.177
6:	-0.875	-1.084
7:	-1.266	-1.005
8:	-0.796	-0.066
9:	-0.474	-0.055
10:	0.285	0.474



TARGET APPROX 1/2 SCALE

BARBER - M24 0167502

SERIAL NUMBER: G6591531. __ 0

TARGET NUMBER: 5

FILE DATE: 09/20/2006

FILE TIME: 01:23

X CENTROID: -0.123

Y CENTROID: -0.187

POA TO CENTROID: 0.224

HORZ SPREAD: 1.765

VERT SPREAD: 1.539

GROUP SPREAD: 1.895

MIN RADIUS: 0.081

MAX RADIUS: 1.105

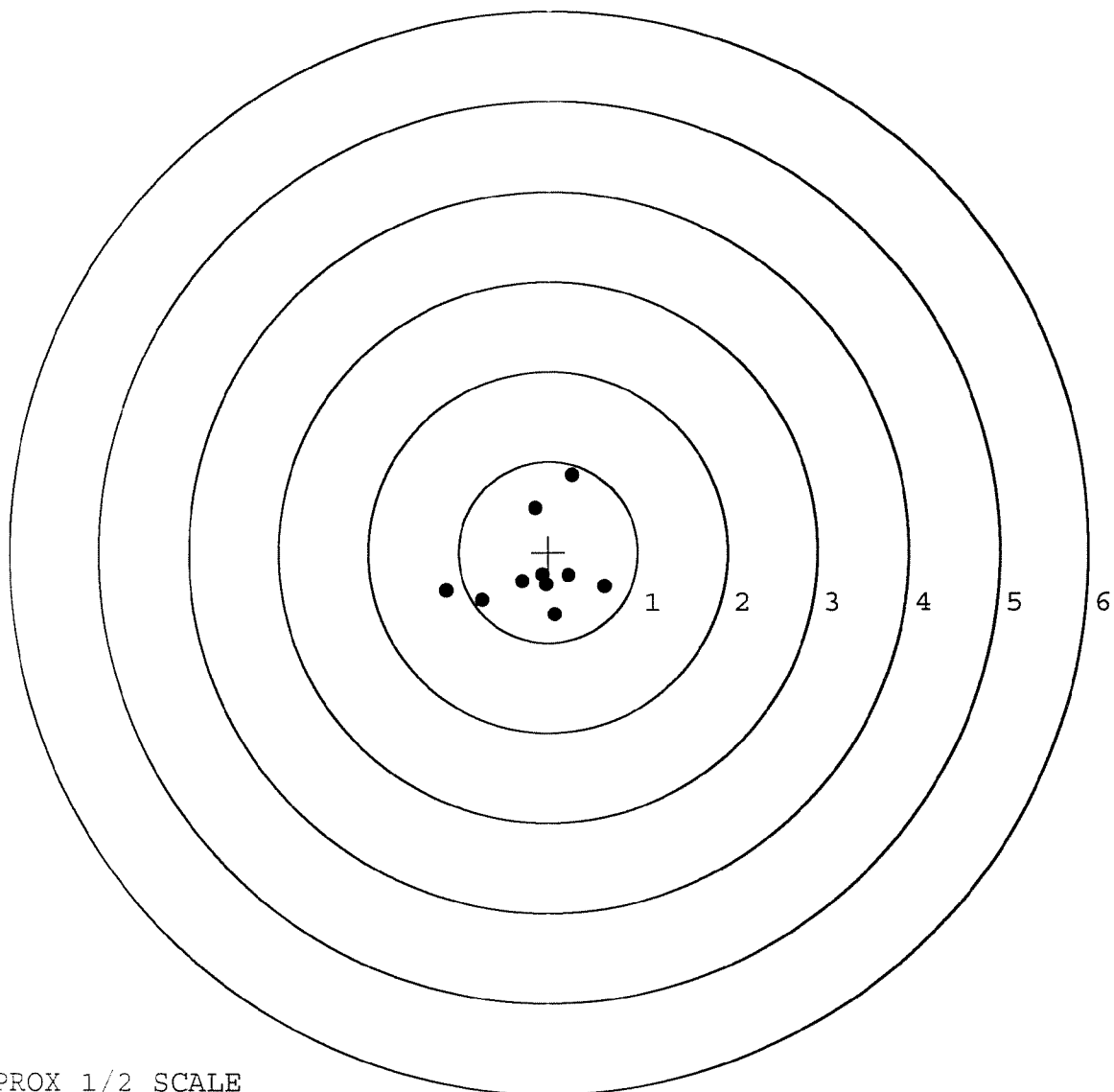
MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.630	-0.376
2:	0.224	-0.259
3:	0.067	-0.691
4:	-0.068	-0.247
5:	-0.294	-0.320
6:	-0.738	-0.527
7:	-1.135	-0.431
8:	-0.029	-0.357
9:	-0.149	0.487
10:	0.263	0.848



TARGET APPROX 1/2 SCALE