

G-6028 6971

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6285971

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-18-02	RL
600	PROOF		11-19-02	AC
607	CHECK HEADSPACE		11-19-02	AC
610	DIS-ASSEMBLE GUN		12-2-02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	RL		
615	ROLLMARK CALIBER		1-2-03	JB
617	DRILL AND TAP SIGHT HOLES		12-3-02	TRW
620	APPLY COATINGS (BARREL ACTION)		12-17	TH
	(BOLT)		12-17	TH
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-2-03	JA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-2-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-2-03	DA
	D) OIL FIRING PIN ASSEMBLY		1-2-03	DA
	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>10</u> <u>9</u> <u>9</u>	3-28-03	RW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3</u> <u>3</u> <u>3</u>	3-28-03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.023</u>	3-28-03	RW
	J) ASSEMBLE STOCK		3-26-03	RW
	K) ASSEMBLE SWIVEL STUDS		3-28-03	RW
	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	PASS FAIL	3-27-03	<i>[Signature]</i>
	MALFUNCTION	CORRECTION	3-27-03	<i>[Signature]</i>
	MALFUNCTION	CORRECTION	3-27-03	<i>[Signature]</i>
	MALFUNCTION	CORRECTION	3-27-03	<i>[Signature]</i>
	MALFUNCTION	CORRECTION	3-27-03	<i>[Signature]</i>
645	INSPECT FOR LIVE AMMO		3-27-03	<i>[Signature]</i>
655	FINAL INSPECTION A) HEADSPACE		3-28-03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.90</u> <u>2.85</u> <u>2.92</u> <u>2.92</u> <u>2.97</u>	3-28-03	RW
	C) FUNCTION		3-28-03	RW
660	PACK		4/2/03	<i>[Signature]</i>

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO.

DATE 12-18-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.24	2.54	2.31	MIN. SETTING
PULL #2	2.30	2.50	2.47	NO AVG. OF 5
PULL #3	2.25	2.46	2.68	READINGS ACCEPT
PULL #4	2.40	2.49	2.30	ABLE LESS THAN
PULL #5	2.19	2.47	2.74	
TOTAL	11.38	12.46	12.50	
AVG.	2.27	2.49	2.50	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.44	3.49	
PULL #2	3.14	3.31	
PULL #3	3.48	3.16	
PULL #4	3.44	3.22	
PULL #5	3.49	3.15	
TOTAL	16.99	16.33	
AVG.	3.39	3.26	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# TARGET & ACCU
PULL #1	4.27	4.40		4.32
PULL #2	4.43	4.35		4.26
PULL #3	4.41	4.37		4.27
PULL #4	4.34	4.43		4.43
PULL #5	4.30	4.39		4.36
TOTAL	21.75	21.94		21.64
AVG.	4.35	4.38		4.32

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285971.___0
FILE DATE AND TIME: 03/28/2003 11:13

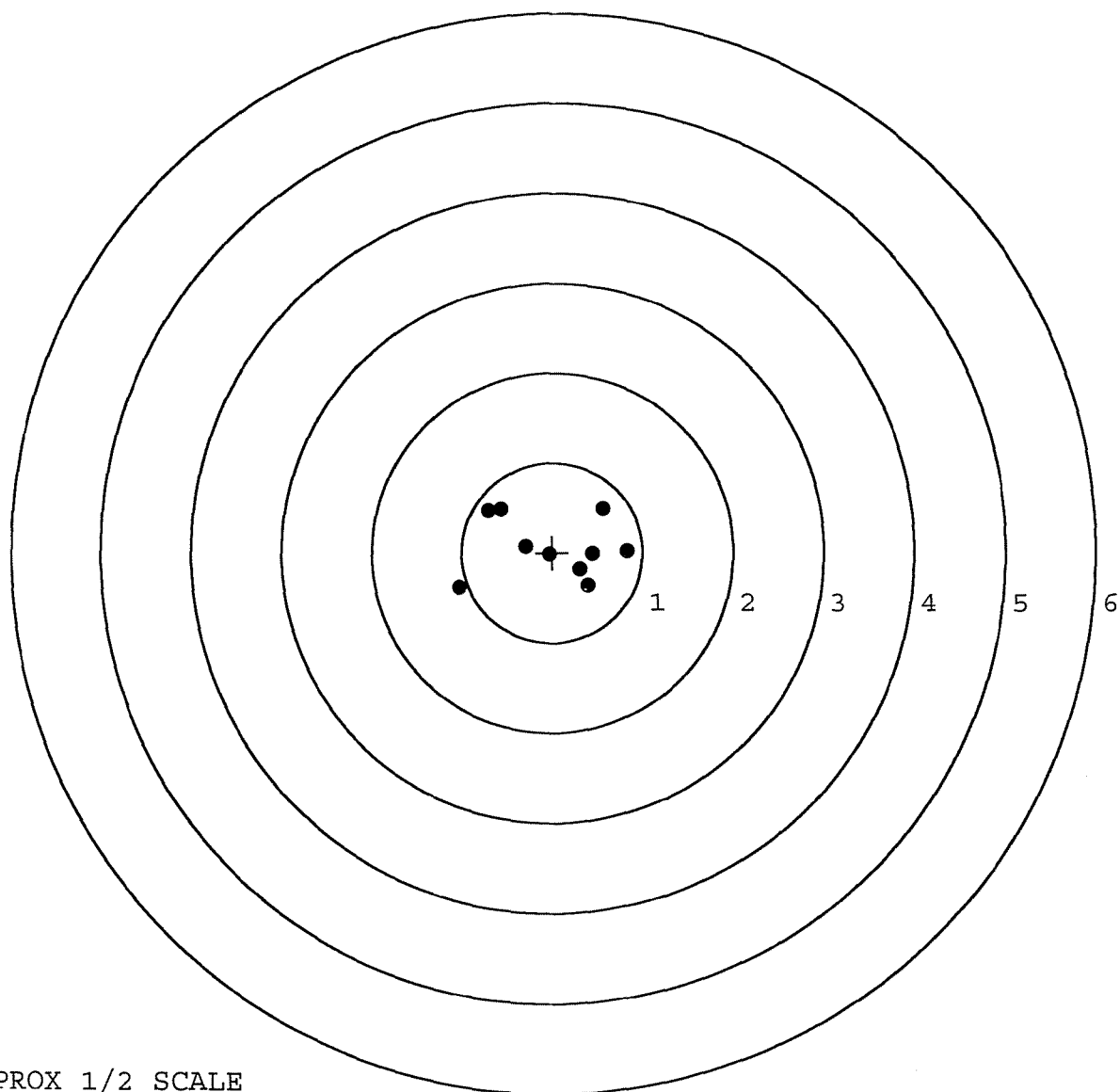
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	0.082
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.054
The Distance from Centroid Target #2 to Centroid Target #1:	0.086
The Distance from Centroid Target #3 to Centroid Target #1:	0.159
The Distance from Centroid Target #4 to Centroid Target #1:	0.326
The Distance from Centroid Target #5 to Centroid Target #1:	0.619

SERIAL NUMBER: G6285971. __0
TARGET NUMBER: 1
FILE DATE: 03/28/2003
FILE TIME: 11:13

X CENTROID: -0.008
Y CENTROID: 0.053
POA TO CENTROID: 0.054
HORZ SPREAD: 1.864
VERT SPREAD: 0.871
GROUP SPREAD: 1.908
MIN RADIUS: 0.081
MAX RADIUS: 1.115
MEAN RADIUS: 0.601
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.402	-0.362
2:	0.319	-0.187
3:	0.449	-0.019
4:	0.832	0.020
5:	0.563	0.484
6:	-0.039	-0.021
7:	-0.298	0.063
8:	-0.568	0.478
9:	-0.708	0.465
10:	-1.032	-0.387

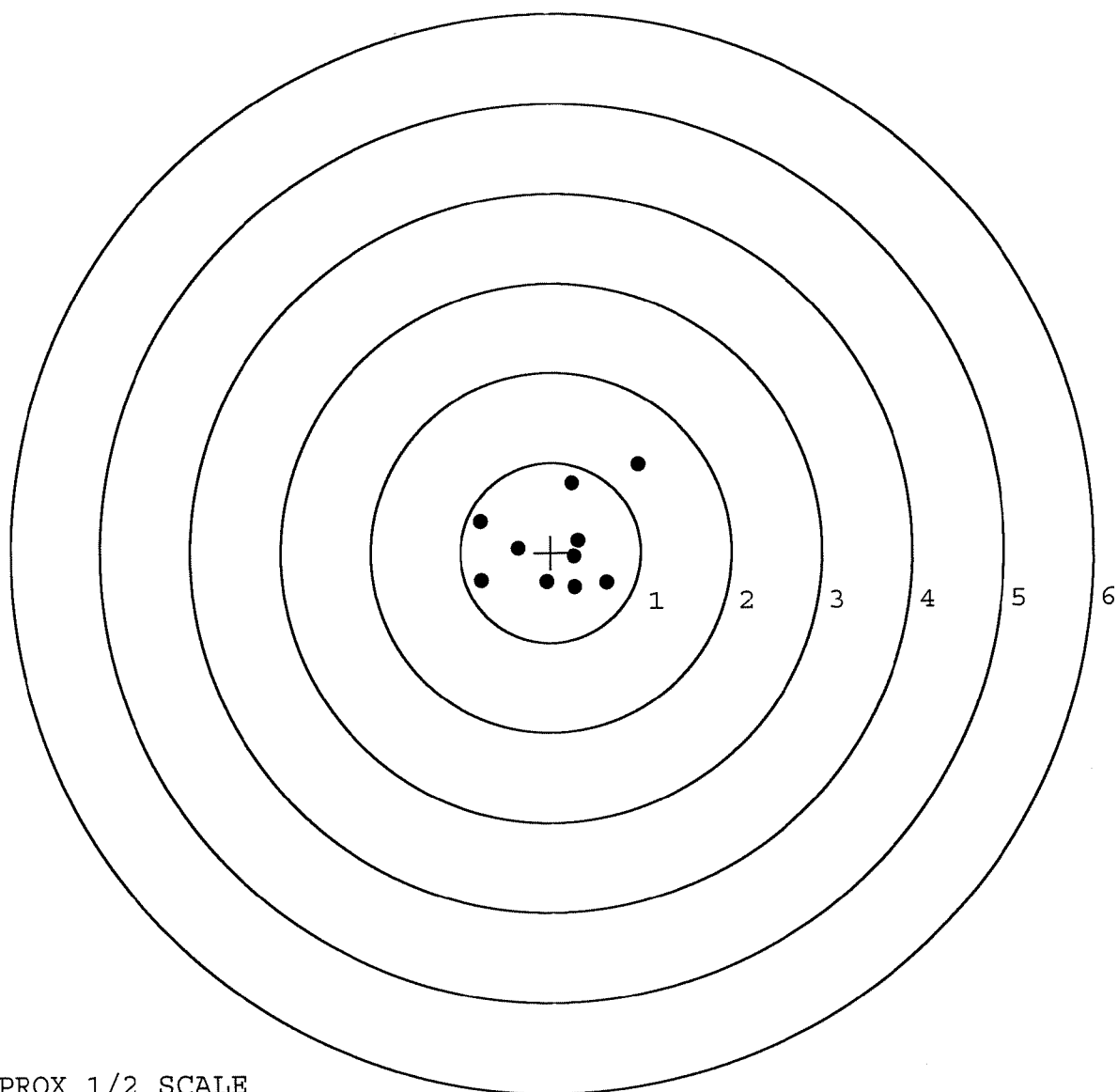


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285971.___0
TARGET NUMBER: 2
FILE DATE: 03/28/2003
FILE TIME: 11:13

X CENTROID: 0.072
Y CENTROID: 0.085
POA TO CENTROID: 0.111
HORZ SPREAD: 1.756
VERT SPREAD: 1.359
GROUP SPREAD: 2.168
MIN RADIUS: 0.232
MAX RADIUS: 1.267
MEAN RADIUS: 0.634
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.621	-0.342
2:	0.241	0.769
3:	0.977	0.971
4:	-0.779	0.347
5:	-0.365	0.051
6:	-0.771	-0.312
7:	-0.047	-0.328
8:	0.272	-0.388
9:	0.262	-0.048
10:	0.310	0.127



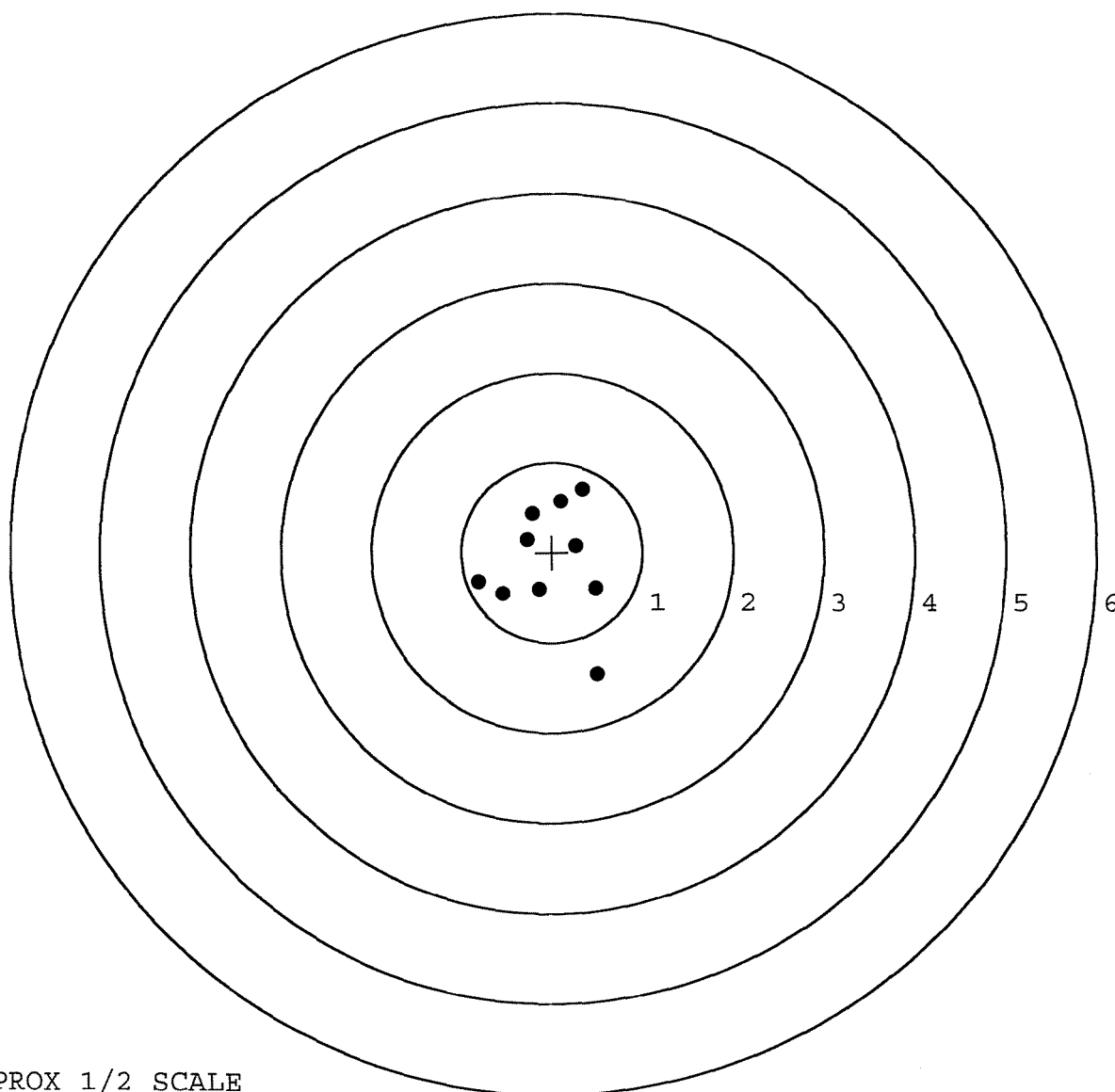
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285971.___0
TARGET NUMBER: 3
FILE DATE: 03/28/2003
FILE TIME: 11:13

X CENTROID: -0.028
Y CENTROID: -0.105
POA TO CENTROID: 0.108
HORZ SPREAD: 1.321
VERT SPREAD: 2.051
GROUP SPREAD: 2.058
MIN RADIUS: 0.325
MAX RADIUS: 1.356
MEAN RADIUS: 0.654

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.508	-1.350
2:	0.492	-0.397
3:	0.272	0.070
4:	-0.143	-0.409
5:	-0.541	-0.454
6:	-0.813	-0.333
7:	-0.274	0.139
8:	-0.222	0.425
9:	0.097	0.560
10:	0.344	0.701

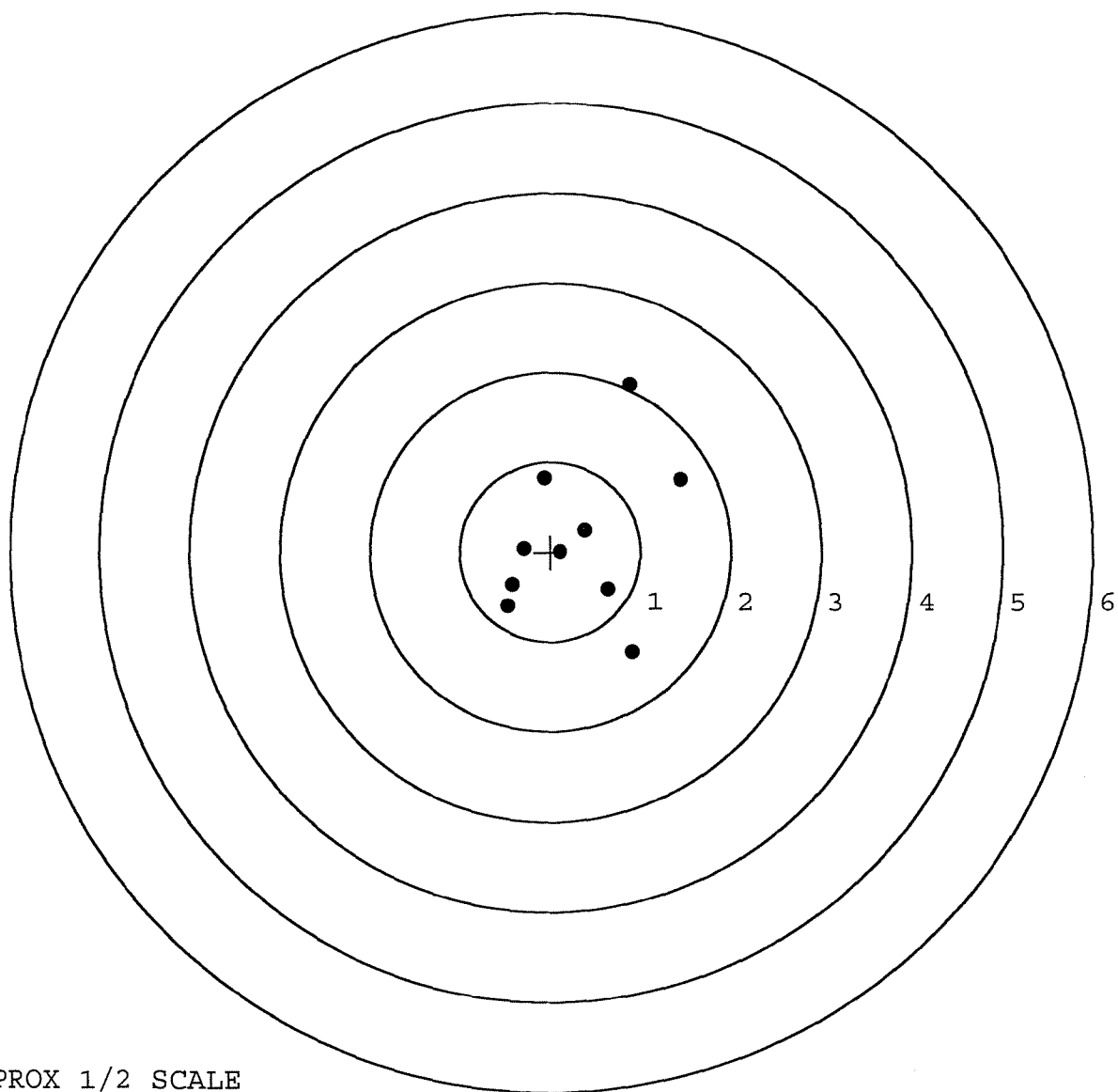


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285971. __0
TARGET NUMBER: 4
FILE DATE: 03/28/2003
FILE TIME: 11:13

X CENTROID: 0.310
Y CENTROID: 0.124
POA TO CENTROID: 0.334
HORZ SPREAD: 1.906
VERT SPREAD: 2.978
GROUP SPREAD: 2.978
MIN RADIUS: 0.137
MAX RADIUS: 1.825
MEAN RADIUS: 0.889
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.914	-1.118
2:	0.641	-0.419
3:	1.438	0.803
4:	0.874	1.860
5:	-0.078	0.818
6:	0.392	0.234
7:	0.109	0.006
8:	-0.299	0.037
9:	-0.421	-0.364
10:	-0.468	-0.613



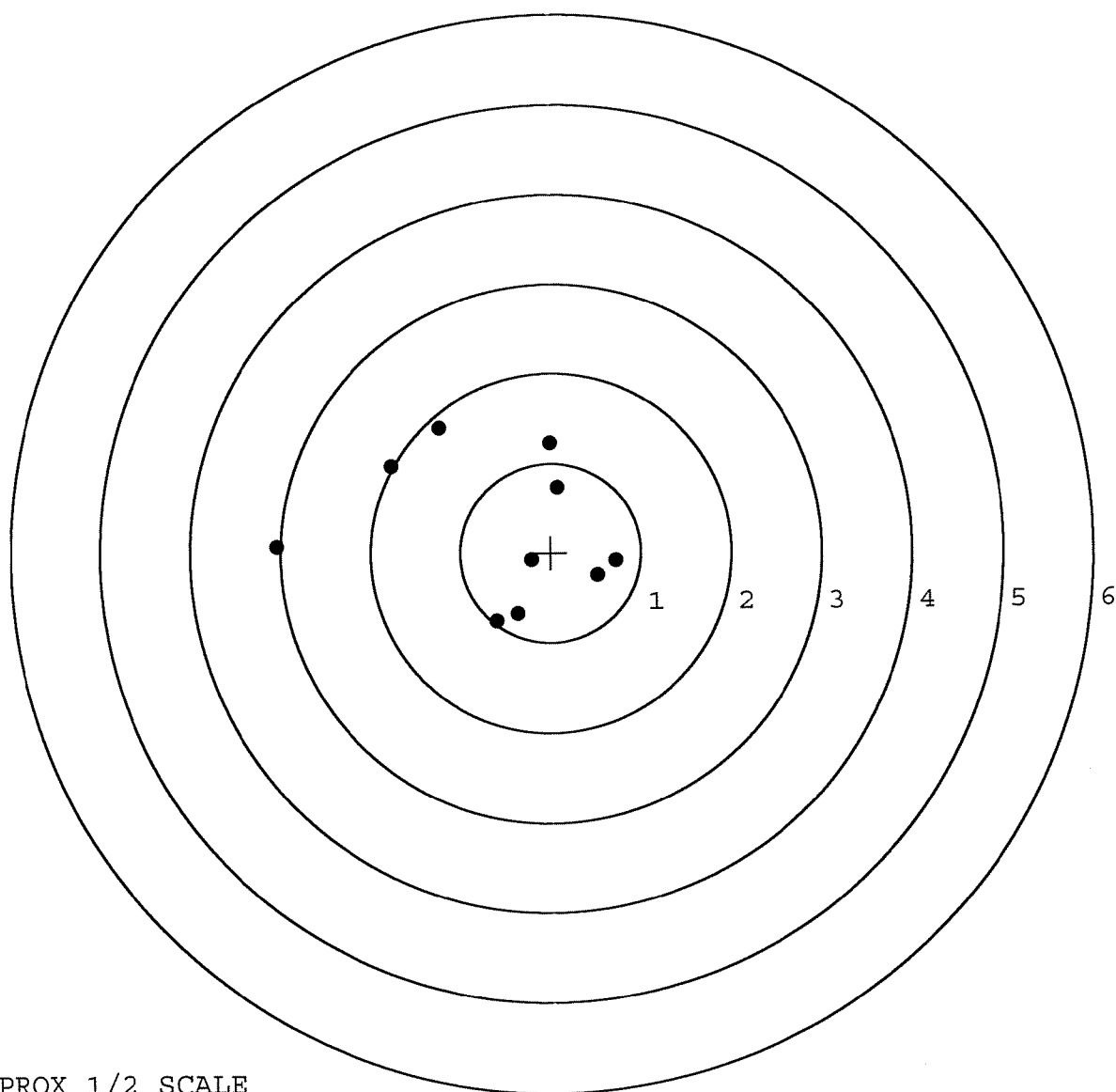
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285971. __0
 TARGET NUMBER: 5
 FILE DATE: 03/28/2003
 FILE TIME: 11:13

X CENTROID: -0.593
 Y CENTROID: 0.255
 POA TO CENTROID: 0.645
 HORZ SPREAD: 3.772
 VERT SPREAD: 2.168
 GROUP SPREAD: 3.777
 MIN RADIUS: 0.507
 MAX RADIUS: 2.459
 MEAN RADIUS: 1.220

POINT#	X	Y
1:	0.521	-0.256
2:	0.726	-0.100
3:	-0.368	-0.684
4:	-0.603	-0.763
5:	-0.216	-0.084
6:	0.078	0.733
7:	-0.013	1.224
8:	-1.239	1.405
9:	-1.769	0.983
10:	-3.046	0.089

IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE