

G6234181

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	132018			
SERIAL NUMBER	G6236181			
LOG-IN DATE	7-31-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-14-07	RTZ
505	RE-BARREL	MAGNA - FLUX NO 1-257 OPERATOR J.B.	8-15-07	RTZ
560	ASSEMBLE		8-20-07	RTZ
600	PROOF		8-23-07	non
605	CHECK HEADSPACE		8-23-07	non
610	DIS-ASSEMBLE GUN		8-25-07	RTZ
612	MAGNAFLUX		8-30-07	JB
510	DRILL AND TAP	N/A	8-27-07	TRW
615	ROLLMARK CALIBER		8-28-07	CW
618	ROTO-BLAST		8-30-07	LY
620	APPLY COATINGS		8/31/07	ZB
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	(PASS) FAIL	9-6-07	TRW
650	TARGET	(PASS) FAIL	9-6-07	TRW
	MALFUNCTION SSOC OH	CORRECTION OK	9-6-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-6-07	DR
670	FINAL INSPECTION		9-12-07	RA
	A) HEADSPACE	(PASS) FAIL	9-12-07	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	275 275 273 270 2.8	9-12-07 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	65 65 65	9-12-07 RA
	G) SAFETY OFF FORCE	2 LBS MIN	22 22 22	9-12-07 RA
	I) FIRING PIN INDENT	.020	.024 .024 .024	9-12-07 RA
690	PACK		10-12-07	RA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236181.___0
FILE DATE AND TIME: 09/06/2007 14:39

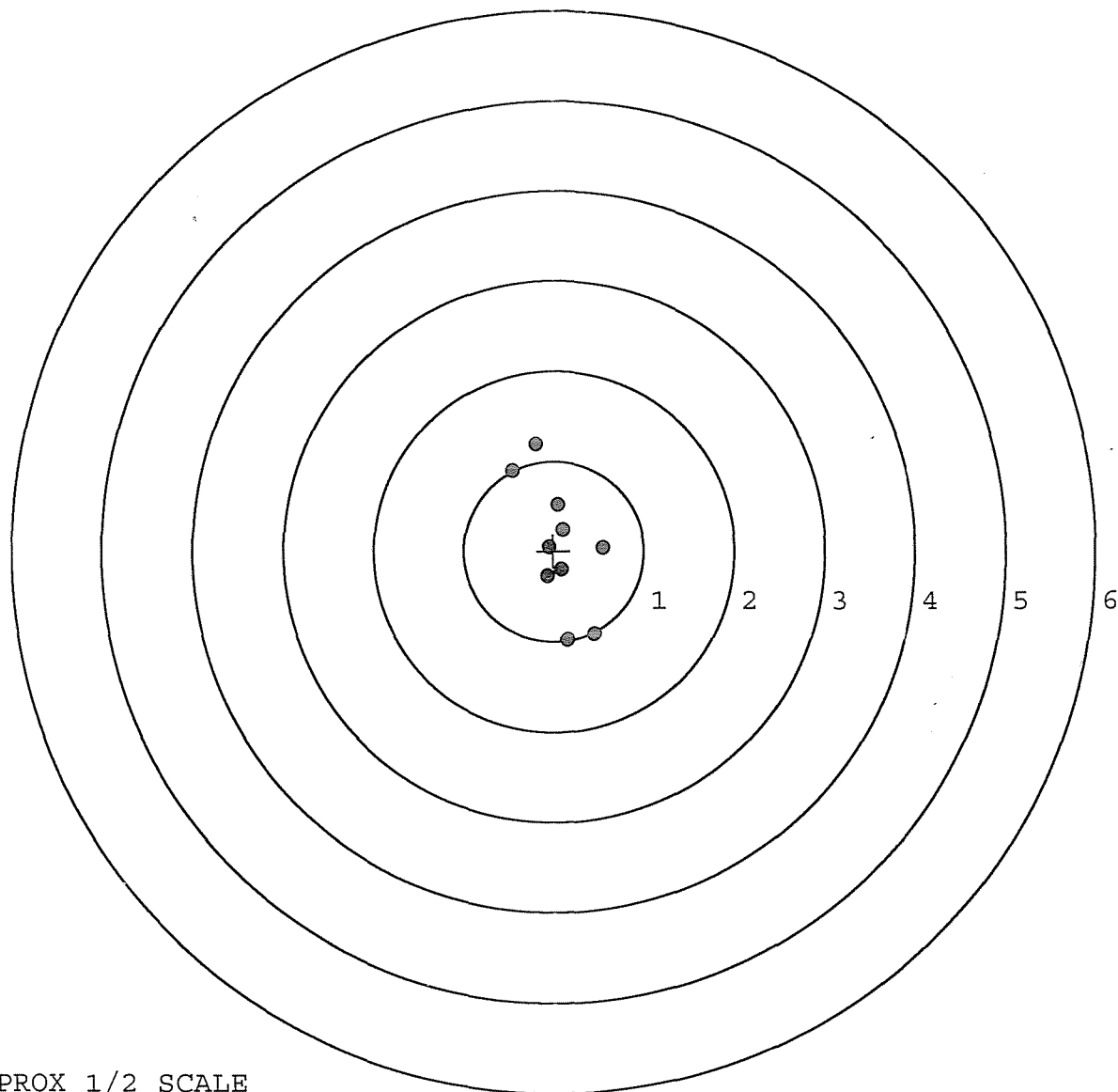
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.023
The Average Y Centroid of the Five Target Set:	0.000
The Average Point of Impact of the Five Target Set:	0.023
The Average Mean Radius of the Five Target Set:	0.714
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.091
The Distance from Centroid Target #3 to Centroid Target #1:	0.117
The Distance from Centroid Target #4 to Centroid Target #1:	0.169
The Distance from Centroid Target #5 to Centroid Target #1:	0.189

SERIAL NUMBER: G6236181. __0
TARGET NUMBER: 1
FILE DATE: 09/06/2007
FILE TIME: 14:39

X CENTROID: 0.063
Y CENTROID: 0.052
POA TO CENTROID: 0.082
HORZ SPREAD: 1.013
VERT SPREAD: 2.177
GROUP SPREAD: 2.209
MIN RADIUS: 0.115
MAX RADIUS: 1.166
MEAN RADIUS: 0.613
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.451	-0.923
2:	0.156	-0.987
3:	0.553	0.037
4:	0.091	-0.207
5:	-0.067	-0.283
6:	-0.052	0.043
7:	0.102	0.239
8:	0.047	0.514
9:	-0.460	0.900
10:	-0.194	1.190

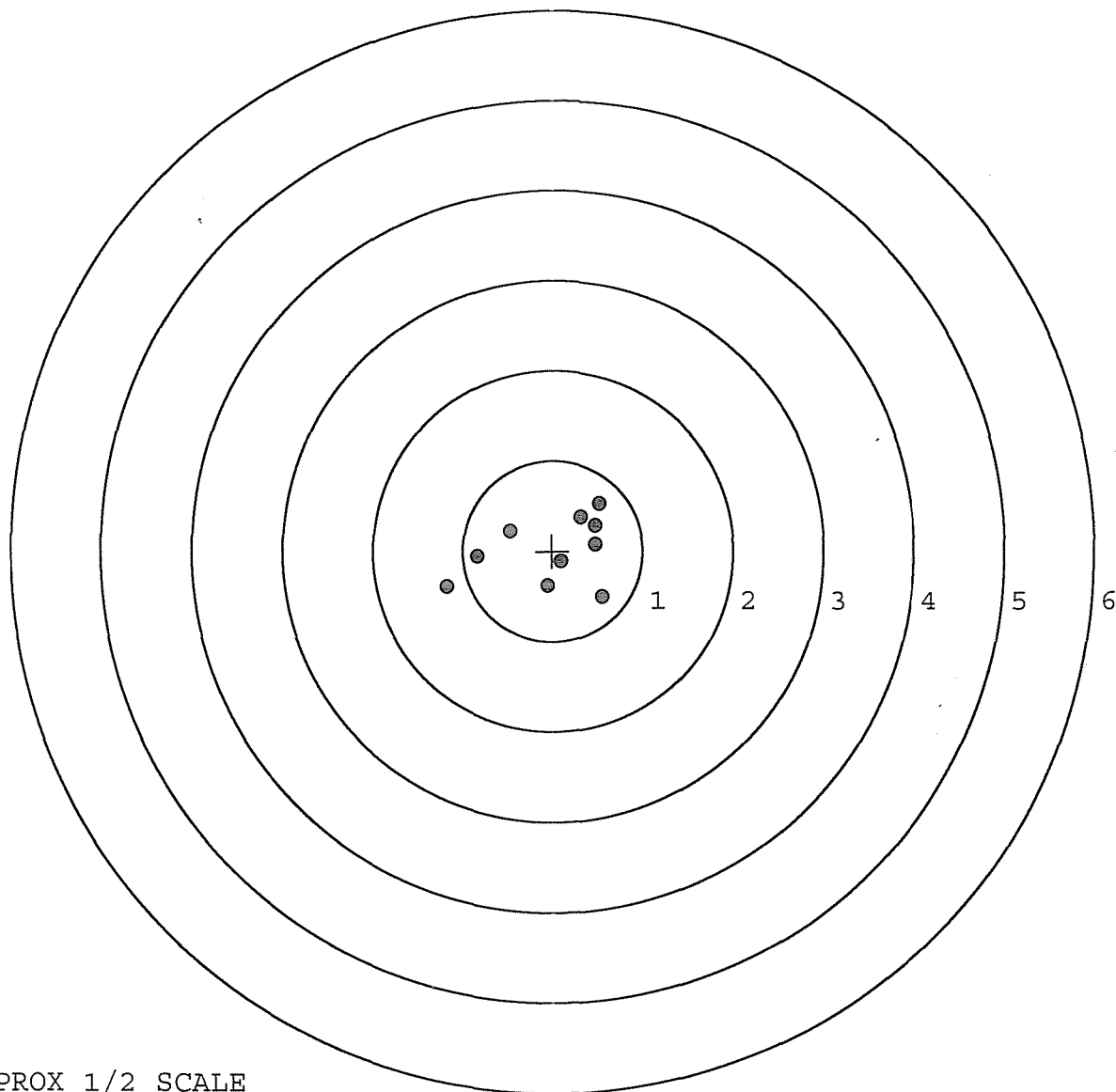


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0
 TARGET NUMBER: 2
 FILE DATE: 09/06/2007
 FILE TIME: 14:39

X CENTROID: -0.013
 Y CENTROID: 0.002
 POA TO CENTROID: 0.013
 HORZ SPREAD: 1.724
 VERT SPREAD: 1.034
 GROUP SPREAD: 1.927
 MIN RADIUS: 0.158
 MAX RADIUS: 1.231
 MEAN RADIUS: 0.618
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.547	-0.510
2:	0.095	-0.114
3:	-0.058	-0.391
4:	-1.177	-0.397
5:	-0.834	-0.056
6:	-0.478	0.224
7:	0.313	0.380
8:	0.516	0.524
9:	0.478	0.076
10:	0.473	0.283

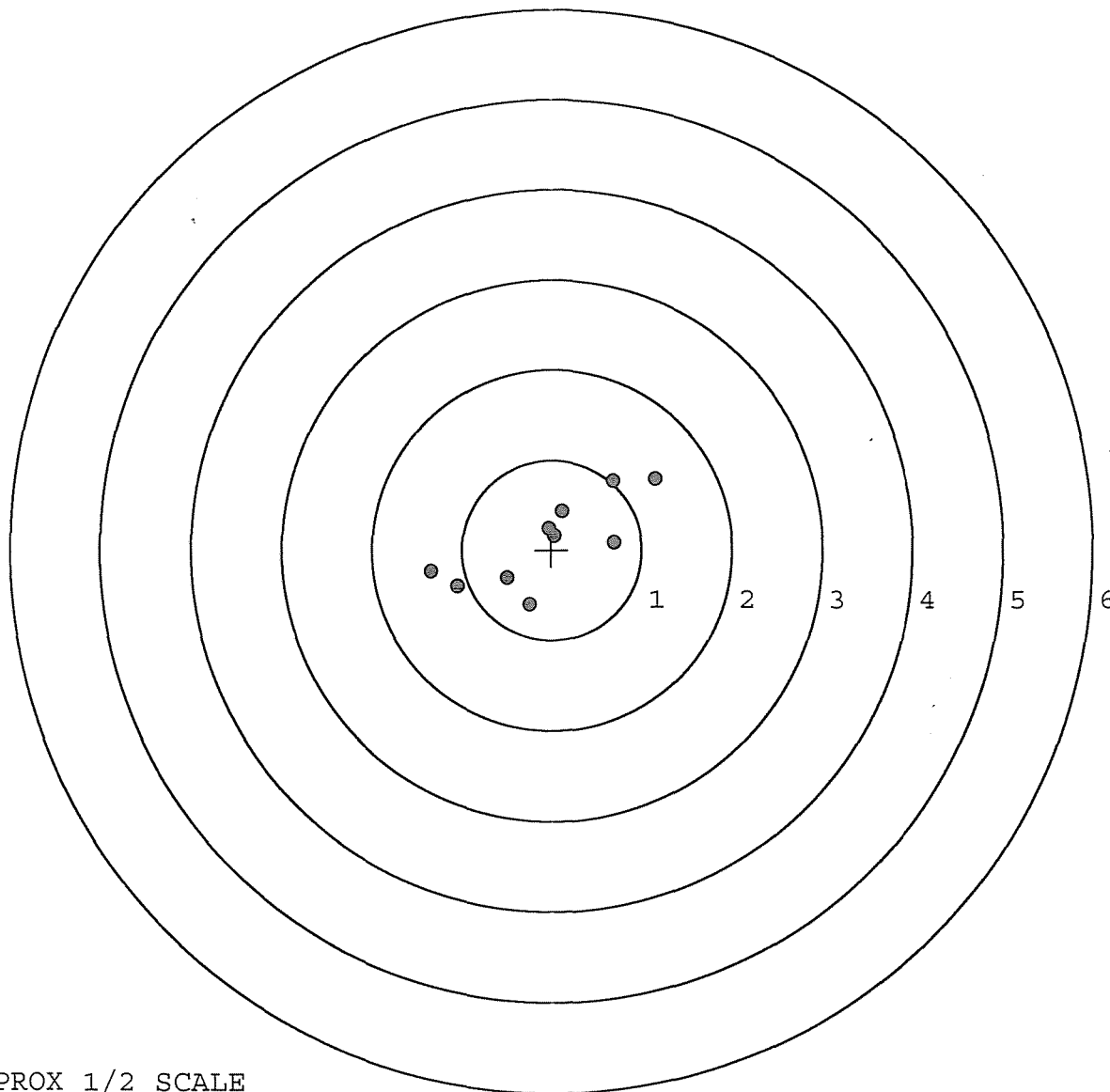


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0
TARGET NUMBER: 3
FILE DATE: 09/06/2007
FILE TIME: 14:39

X CENTROID: -0.048
Y CENTROID: 0.090
POA TO CENTROID: 0.102
HORZ SPREAD: 2.489
VERT SPREAD: 1.396
GROUP SPREAD: 2.692
MIN RADIUS: 0.108
MAX RADIUS: 1.384
MEAN RADIUS: 0.754
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.147	0.788
2:	0.685	0.767
3:	0.696	0.082
4:	0.119	0.431
5:	-0.028	0.234
6:	-0.252	-0.608
7:	-0.496	-0.311
8:	-1.049	-0.401
9:	-1.342	-0.238
10:	0.039	0.154

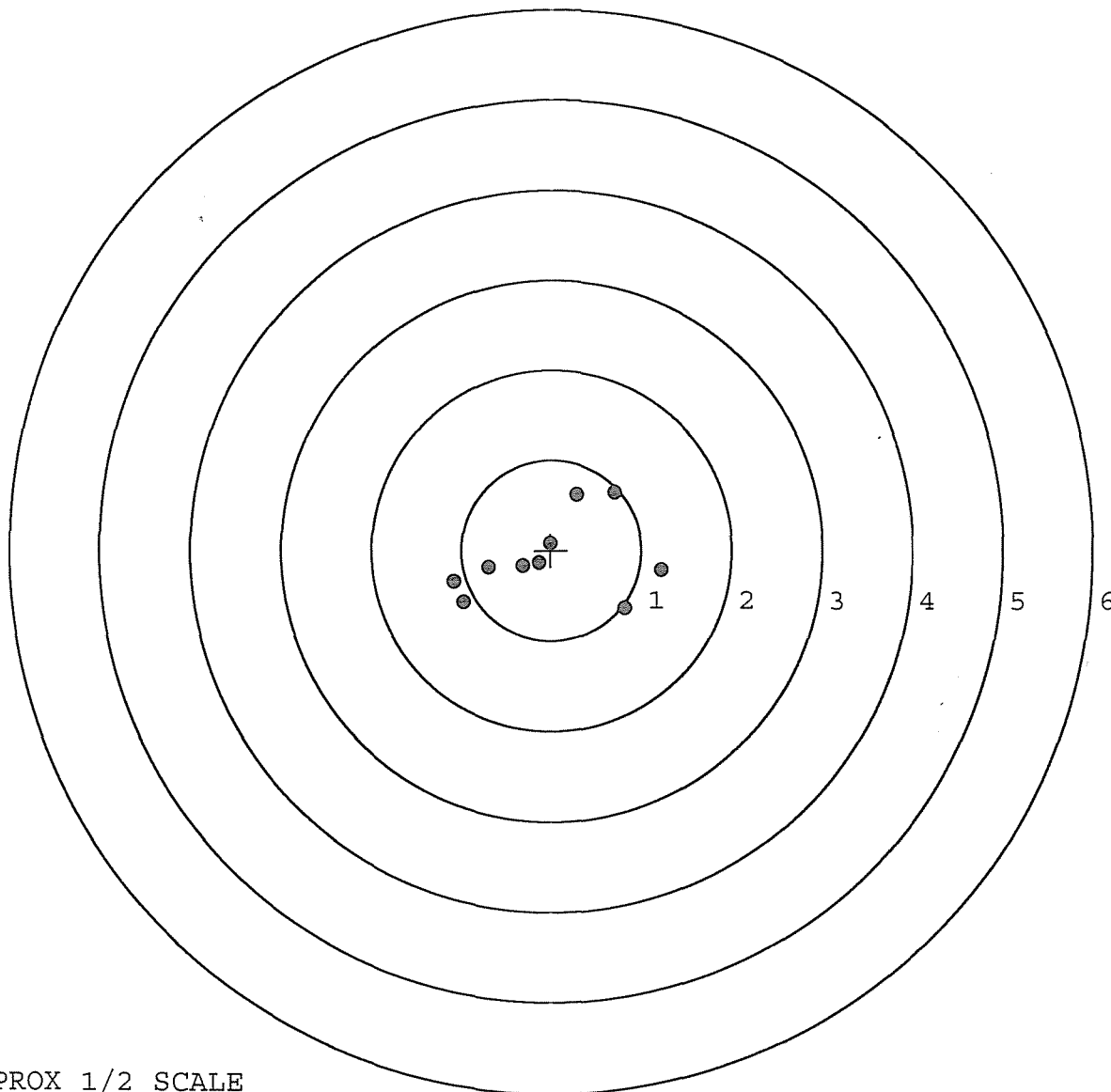


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0
 TARGET NUMBER: 4
 FILE DATE: 09/06/2007
 FILE TIME: 14:39

POINT#	X	Y
1:	1.220	-0.222
2:	0.819	-0.641
3:	0.703	0.641
4:	0.283	0.616
5:	-0.013	0.080
6:	-0.135	-0.140
7:	-0.317	-0.176
8:	-0.694	-0.189
9:	-1.085	-0.347
10:	-0.978	-0.579

X CENTROID: -0.020
 Y CENTROID: -0.096
 POA TO CENTROID: 0.098
 HORZ SPREAD: 2.305
 VERT SPREAD: 1.282
 GROUP SPREAD: 2.308
 MIN RADIUS: 0.124
 MAX RADIUS: 1.246
 MEAN RADIUS: 0.751
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

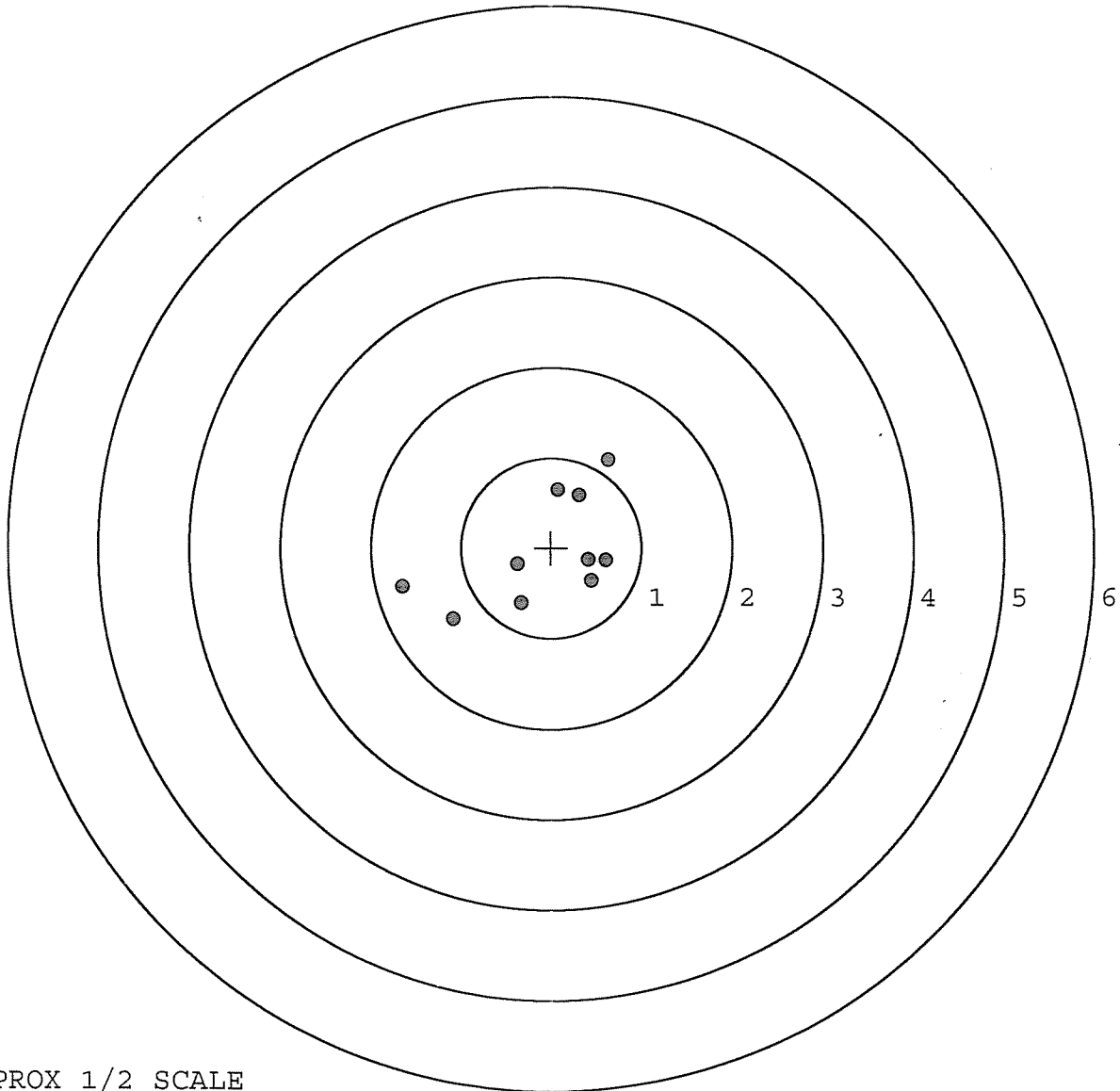


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0
TARGET NUMBER: 5
FILE DATE: 09/06/2007
FILE TIME: 14:39

POINT#	X	Y
1:	0.630	0.978
2:	0.313	0.586
3:	0.074	0.641
4:	0.603	-0.144
5:	0.412	-0.139
6:	0.442	-0.368
7:	-0.374	-0.181
8:	-0.339	-0.619
9:	-1.089	-0.789
10:	-1.655	-0.433

X CENTROID: -0.098
Y CENTROID: -0.047
POA TO CENTROID: 0.109
HORZ SPREAD: 2.285
VERT SPREAD: 1.767
GROUP SPREAD: 2.686
MIN RADIUS: 0.307
MAX RADIUS: 1.604
MEAN RADIUS: 0.835
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Remington®

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

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



5716 66236181

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

SERIAL NO.

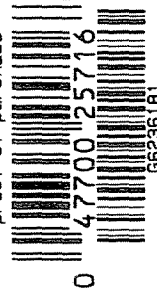


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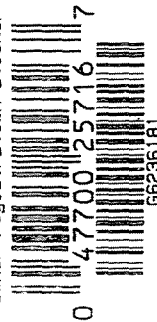
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase

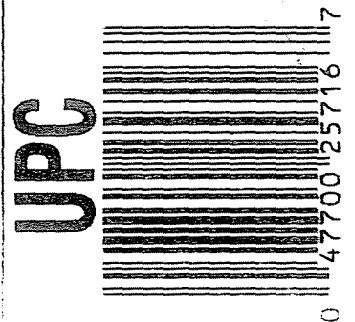


owner's registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6236181



46 FORM

INSPECTION CHECKLIST-NEW GUNS

6

GUN SERIAL # G6236181

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/27/02	RL
600	PROOF		9-4-02	AC
607	CHECK HEADSPACE		9-4-02	AC
610	DIS-ASSEMBLE GUN	INSPECTED	9/3/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		9/5	DB
617	DRILL AND TAP SIGHT HOLES		9-5-02	AC
620	APPLY COATINGS (BARREL ACTION)		10-1	TA
	(BOLT)		10-1	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-22-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/22/02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-22-02	DA
	D) OIL FIRING PIN ASSEMBLY		10-22-02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12-2-02	RL

OP #	OPERATION NAME	2 LBS MIN 10 LBS MAX	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE		<u>4.0</u> <u>4.0</u> <u>5.5</u>	10-24-02	RA
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.0</u>	10-24-02	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			12-2-02	RL
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u> <u>.023</u> <u>.023</u>	10-24-02	RA
	J) ASSEMBLE STOCK			10/22/02	RL
	K) ASSEMBLE SWIVEL STUDS			12-2-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			11-11-02	RL
	M) IRON SIGHT ALIGNMENT			11-11-02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			11-11-02	RL
640	GALLERY TEST AND TARGET		PASS FAIL	10-23-02	RW
	MALFUNCTION		CORRECTION	10-23-02	RW
	MALFUNCTION		CORRECTION	10-23-02	RW
	MALFUNCTION		CORRECTION	10-23-02	RW
	MALFUNCTION		CORRECTION	10-23-02	RW
645	INSPECT FOR LIVE AMMO				
655	FINAL INSPECTION A) HEADSPACE			12-2-02	RL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.70</u> <u>2.70</u> <u>2.72</u> <u>2.68</u> <u>2.67</u>	10-24-02	RA
	C) FUNCTION			12-2-02	RL
660	PACK			12-2-02	RA

INITIAL & CYCLE TESTS
 2.50# ± .50#
 3.00# ± .75#
 4.00# ± 1.00#

DATE 10-22-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.22		2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.54	2.20		2.24	
PULL #3	2.63	2.22		2.21	
PULL #4	2.47	2.32		2.25	
PULL #5	2.49	2.22		2.21	
TOTAL	12.64	11.18		11.12	
AVG.	2.52	2.23		2.22	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.05		
PULL #2	3.22	3.06		
PULL #3	3.26	3.02		
PULL #4	3.22	3.05		
PULL #5	3.21	3.06		
TOTAL	16.19	15.24		
AVG.	3.23	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.06	4.12		4.15
PULL #2	4.04	4.09		4.14
PULL #3	4.06	4.02		4.10
PULL #4	4.05	4.12		4.15
PULL #5	4.06	3.93		4.16
TOTAL	20.27	20.28		20.70
AVG.	4.05	4.05		4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236181.____0

FILE DATE AND TIME: 10/24/2002 22:03

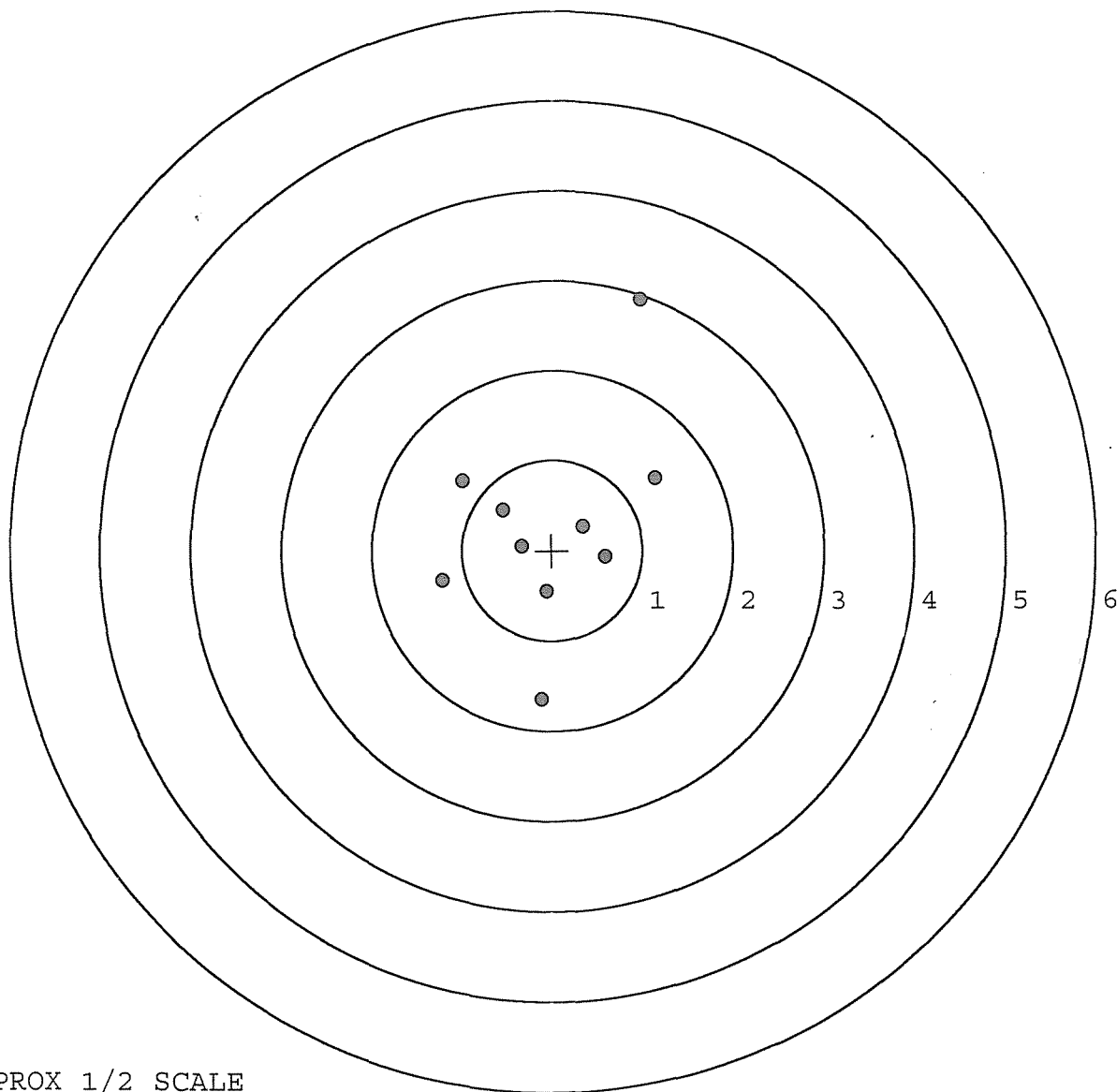
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.769
The Distance from POA to Centroid Target #1:	0.262
The Distance from Centroid Target #2 to Centroid Target #1:	0.502
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.219
The Distance from Centroid Target #5 to Centroid Target #1:	0.347

SERIAL NUMBER: G6236181. __0
TARGET NUMBER: 1
FILE DATE: 10/24/2002
FILE TIME: 22:03

X CENTROID: -0.027
Y CENTROID: 0.260
POA TO CENTROID: 0.262
HORZ SPREAD: 2.356
VERT SPREAD: 4.437
GROUP SPREAD: 4.568
MIN RADIUS: 0.363
MAX RADIUS: 2.711
MEAN RADIUS: 1.105
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.119	-1.655
2:	-0.064	-0.456
3:	0.587	-0.073
4:	0.336	0.270
5:	1.136	0.794
6:	0.968	2.782
7:	-0.339	0.052
8:	-0.553	0.449
9:	-1.220	-0.331
10:	-0.998	0.772

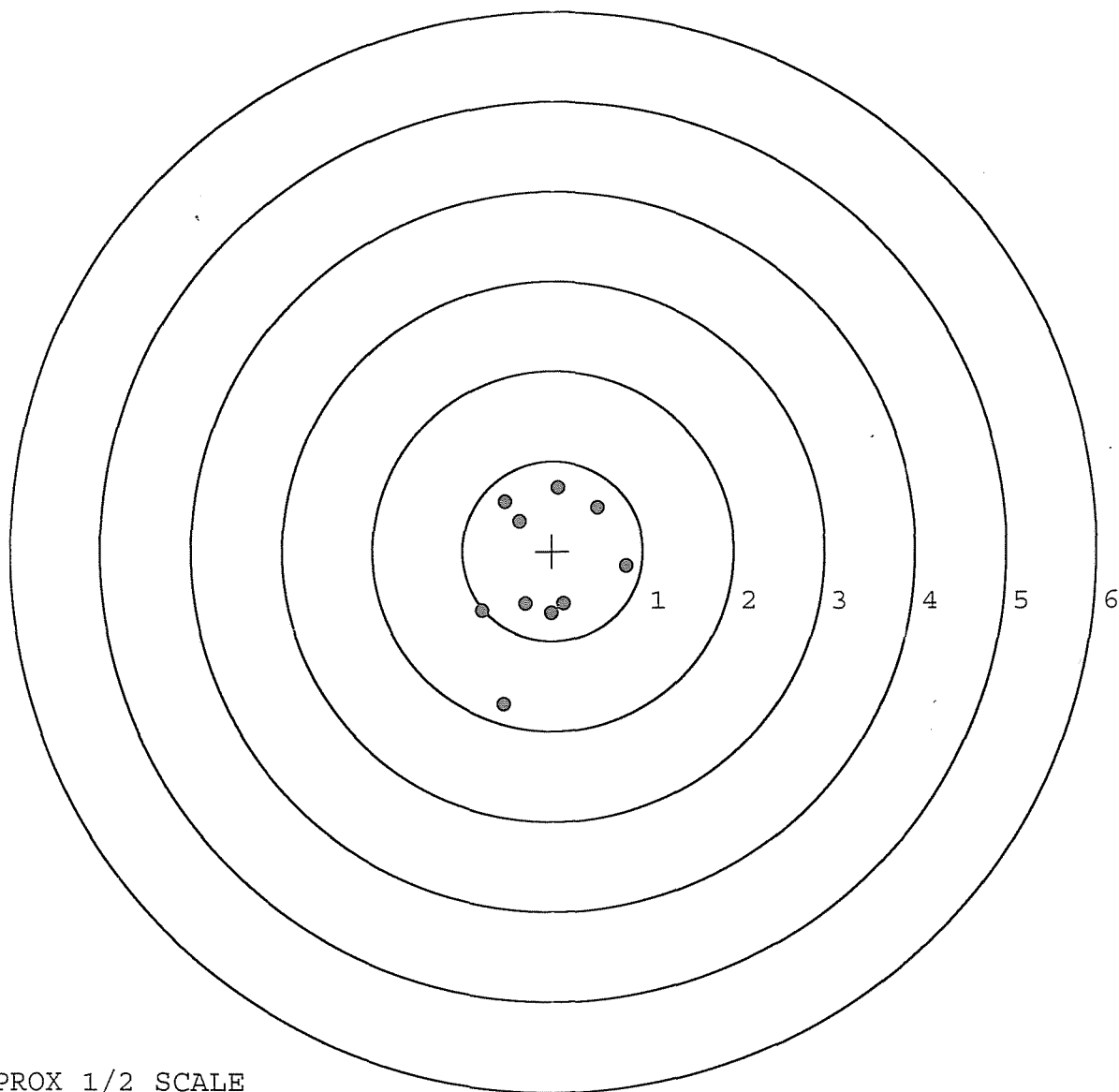


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181.____0
TARGET NUMBER: 2
FILE DATE: 10/24/2002
FILE TIME: 22:03

X CENTROID: -0.105
Y CENTROID: -0.235
POA TO CENTROID: 0.257
HORZ SPREAD: 1.598
VERT SPREAD: 2.413
GROUP SPREAD: 2.488
MIN RADIUS: 0.407
MAX RADIUS: 1.537
MEAN RADIUS: 0.796
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.544	-1.708
2:	0.124	-0.592
3:	-0.018	-0.694
4:	-0.306	-0.589
5:	-0.782	-0.660
6:	0.816	-0.172
7:	0.494	0.482
8:	0.061	0.705
9:	-0.367	0.329
10:	-0.531	0.550

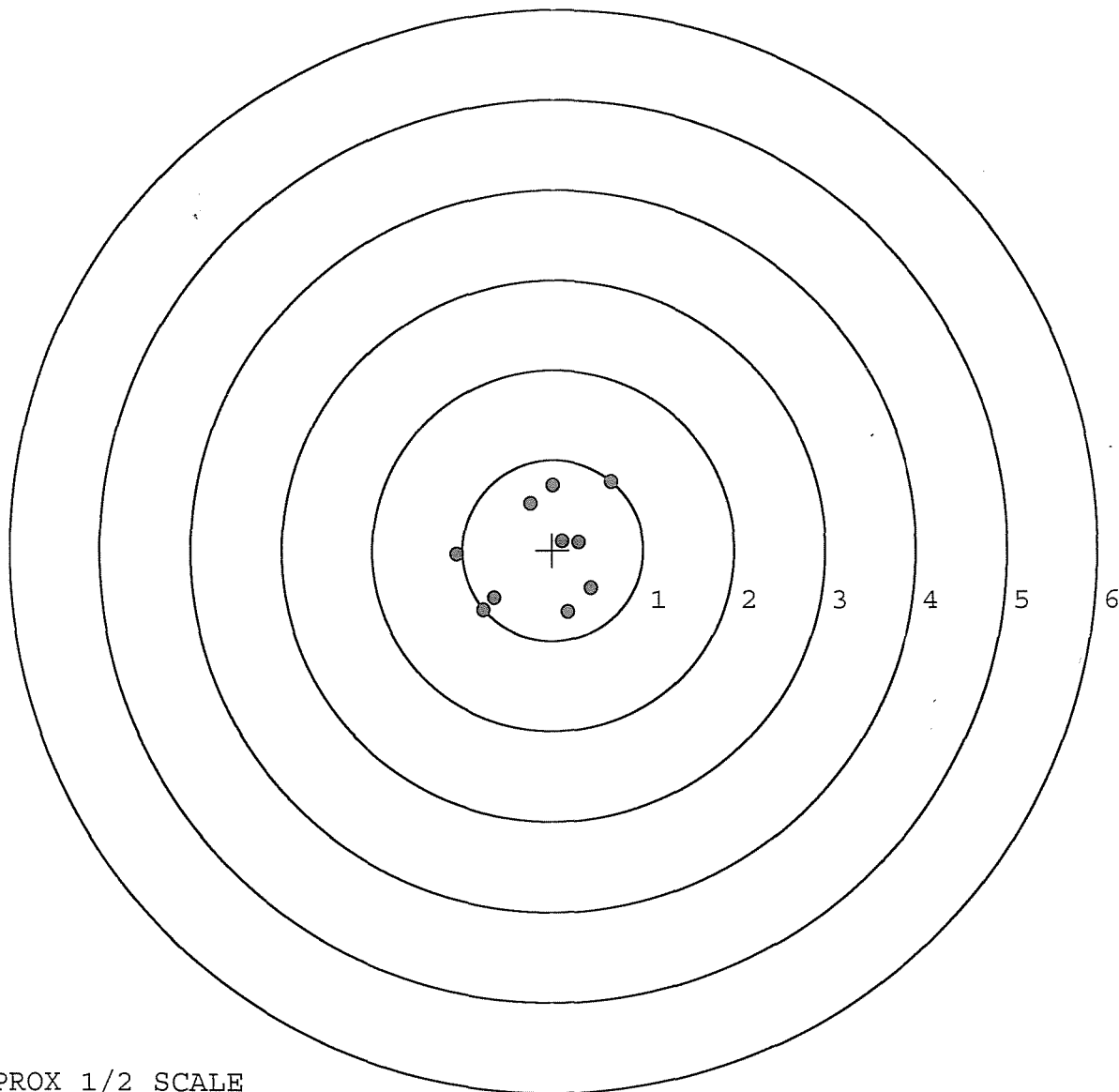


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0
TARGET NUMBER: 3
FILE DATE: 10/24/2002
FILE TIME: 22:03

X CENTROID: -0.110
Y CENTROID: -0.017
POA TO CENTROID: 0.112
HORZ SPREAD: 1.706
VERT SPREAD: 1.446
GROUP SPREAD: 1.998
MIN RADIUS: 0.249
MAX RADIUS: 1.078
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.768	-0.661
2:	-0.651	-0.530
3:	-1.066	-0.048
4:	0.170	-0.689
5:	0.424	-0.422
6:	0.288	0.090
7:	0.111	0.097
8:	-0.249	0.518
9:	-0.003	0.719
10:	0.640	0.757



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181. __0

TARGET NUMBER: 4

FILE DATE: 10/24/2002

FILE TIME: 22:03

X CENTROID: -0.108

Y CENTROID: 0.057

POA TO CENTROID: 0.122

HORZ SPREAD: 1.269

VERT SPREAD: 1.688

GROUP SPREAD: 1.881

MIN RADIUS: 0.132

MAX RADIUS: 0.987

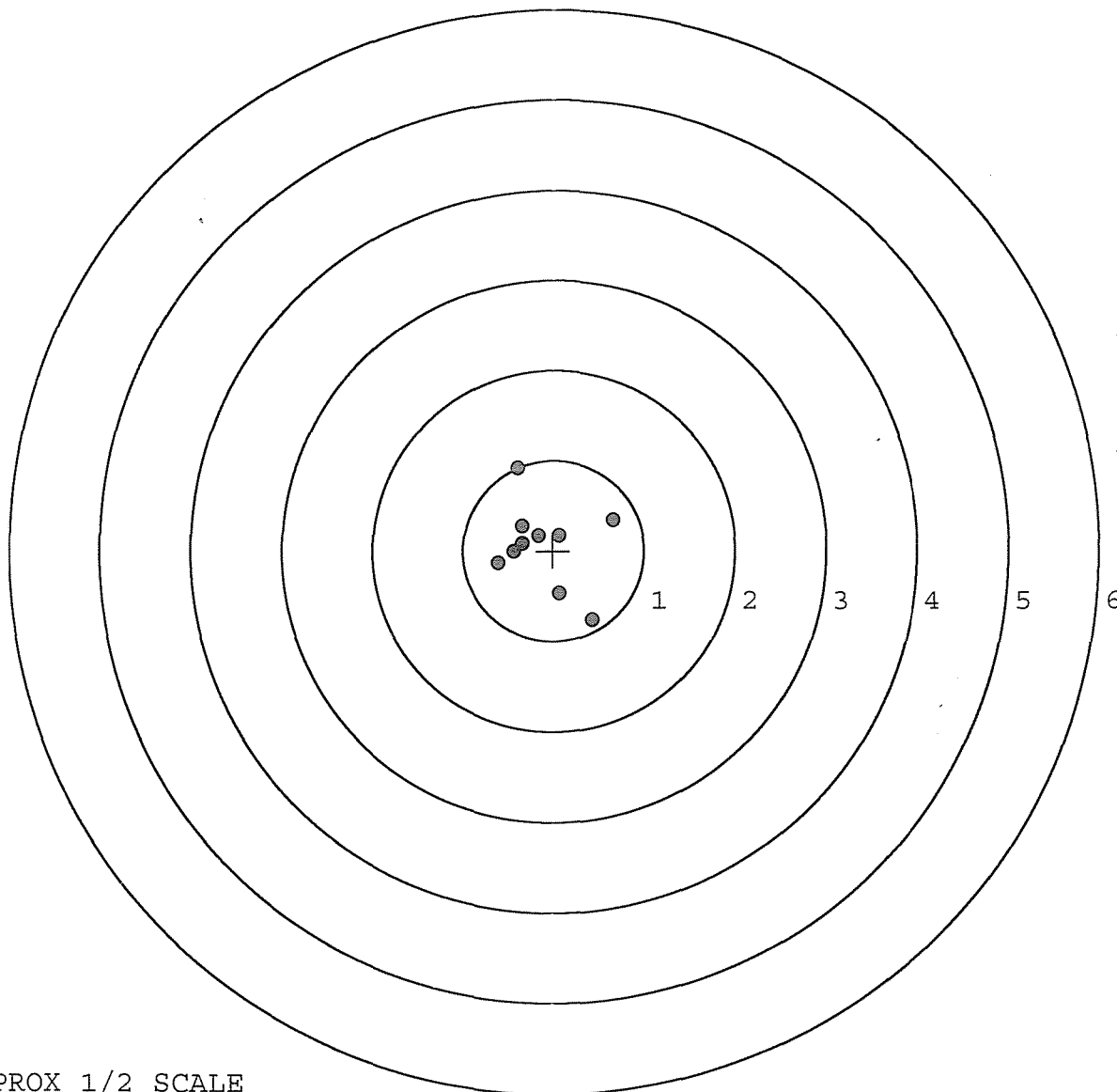
MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.430	-0.771
2:	0.073	-0.480
3:	0.660	0.344
4:	-0.399	0.917
5:	0.071	0.172
6:	-0.348	0.279
7:	-0.173	0.172
8:	-0.344	0.083
9:	-0.439	-0.013
10:	-0.609	-0.134

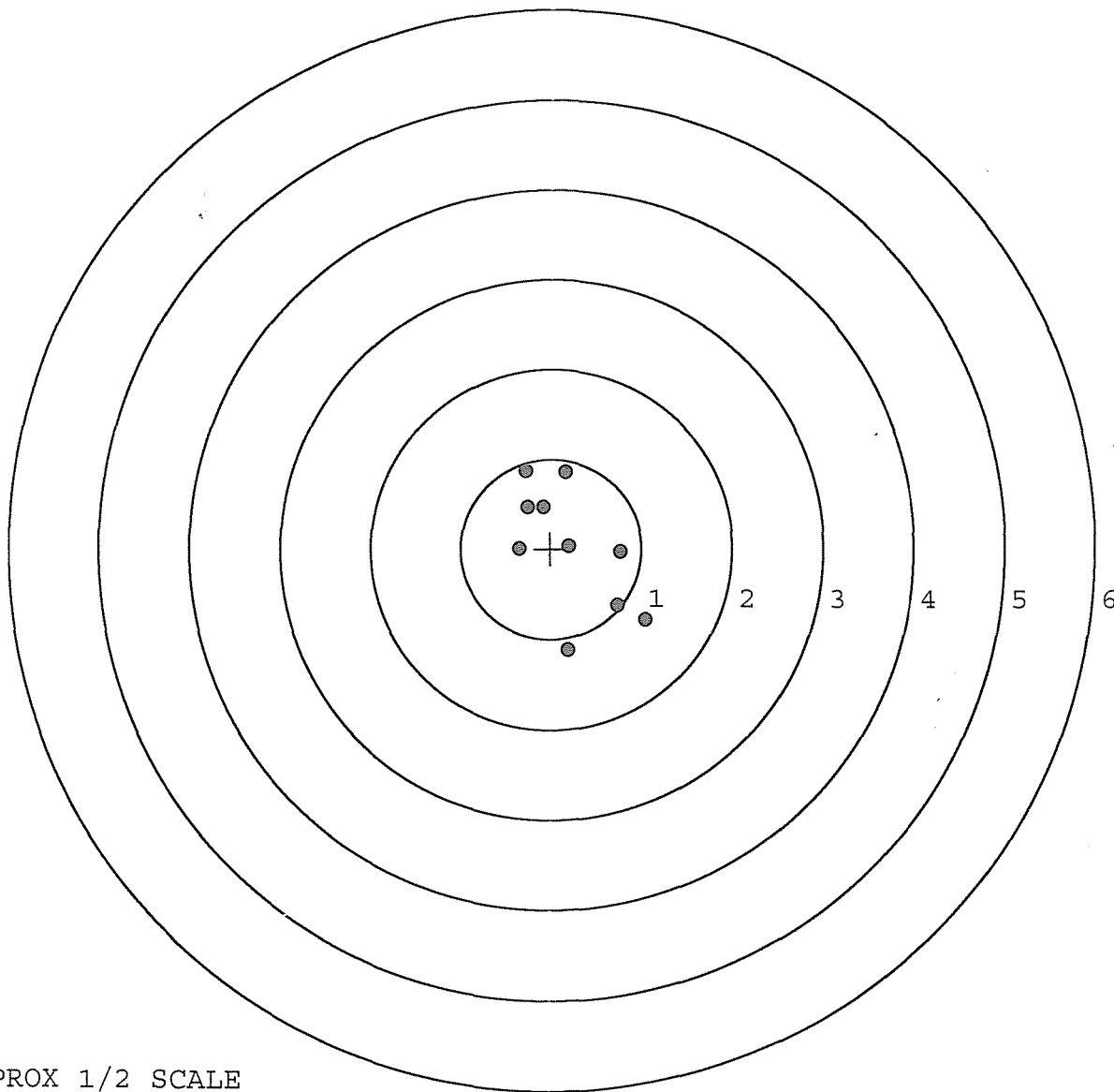


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236181.____0
TARGET NUMBER: 5
FILE DATE: 10/24/2002
FILE TIME: 22:03

X CENTROID: 0.213
Y CENTROID: 0.010
POA TO CENTROID: 0.214
HORZ SPREAD: 1.394
VERT SPREAD: 1.989
GROUP SPREAD: 2.124
MIN RADIUS: 0.024
MAX RADIUS: 1.154
MEAN RADIUS: 0.730
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.199	-1.120
2:	0.740	-0.632
3:	1.045	-0.790
4:	0.771	-0.038
5:	0.203	0.032
6:	-0.349	-0.001
7:	-0.093	0.462
8:	-0.263	0.461
9:	0.163	0.857
10:	-0.281	0.869



TARGET APPROX 1/2 SCALE