

G-623 6149

Repair Inquiry

Repair Number: RE00127605

Serial: G6236149 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 4/3/2007 1:29:47 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: FB4830 TMO 23RD LRS LGRTCO

FB4830 TMO 23RD LRS LGRTCO

Address 1: 4380D ALABAMA ROAD

4380D ALABAMA ROAD

Address 2: PO Box:

PO Box:

City: MOODY AFB

MOODY AFB

State: GA Zip Code: 31699

Country: US

State: GA Zip Code: 31699

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

4/3/2007

1:40 PM

CAPS

NUM

INS

SCRL

Star

4 Mic

Part Se...

Arms S...

3 Mic...

4 Inte...

1:40 PM

Serial Number: G6236149
Model: M24 SWS
RE00127605

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236179.___0

FILE DATE AND TIME: 05/10/2007 01:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.112
The Average Y Centroid of the Five Target Set:	-0.021
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.707
The Distance from POA to Centroid Target #1:	0.232
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.497
The Distance from Centroid Target #4 to Centroid Target #1:	0.556
The Distance from Centroid Target #5 to Centroid Target #1:	0.283

SERIAL NUMBER: G6236179. __0

TARGET NUMBER: 1

FILE DATE: 05/10/2007

FILE TIME: 01:21

POINT#	X	Y
--------	---	---

1:	-0.374	0.657
----	--------	-------

2:	-0.311	0.448
----	--------	-------

3:	-0.052	0.573
----	--------	-------

4:	-0.409	-0.252
----	--------	--------

5:	0.237	-0.429
----	-------	--------

6:	0.227	-0.796
----	-------	--------

7:	0.201	-1.007
----	-------	--------

8:	1.502	-0.592
----	-------	--------

9:	-1.255	-0.238
----	--------	--------

10:	-1.267	-0.130
-----	--------	--------

X CENTROID: -0.150

Y CENTROID: -0.177

POA TO CENTROID: 0.232

HORZ SPREAD: 2.769

VERT SPREAD: 1.664

GROUP SPREAD: 2.807

MIN RADIUS: 0.270

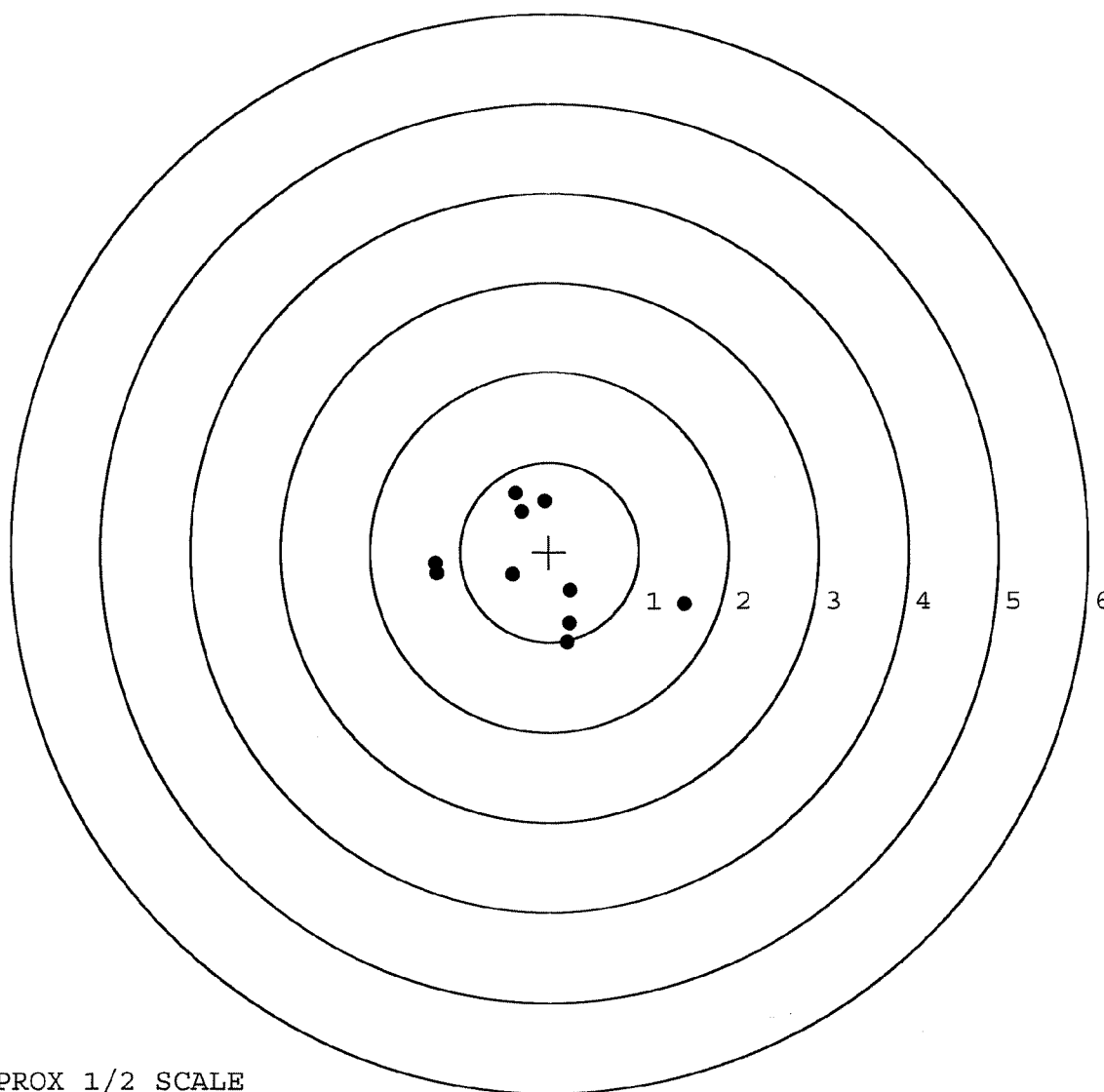
MAX RADIUS: 1.704

MEAN RADIUS: 0.855

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236179. __0

TARGET NUMBER: 2

FILE DATE: 05/10/2007

FILE TIME: 01:21

POINT#	X	Y
1:	-0.050	1.359
2:	0.349	0.632
3:	0.217	0.263
4:	0.244	-0.228
5:	0.167	-0.359
6:	0.966	0.238
7:	-0.378	-0.067
8:	-0.301	-0.215
9:	-0.447	-0.532
10:	-0.683	-0.970

X CENTROID: 0.008

Y CENTROID: 0.012

POA TO CENTROID: 0.015

HORZ SPREAD: 1.649

VERT SPREAD: 2.329

GROUP SPREAD: 2.413

MIN RADIUS: 0.326

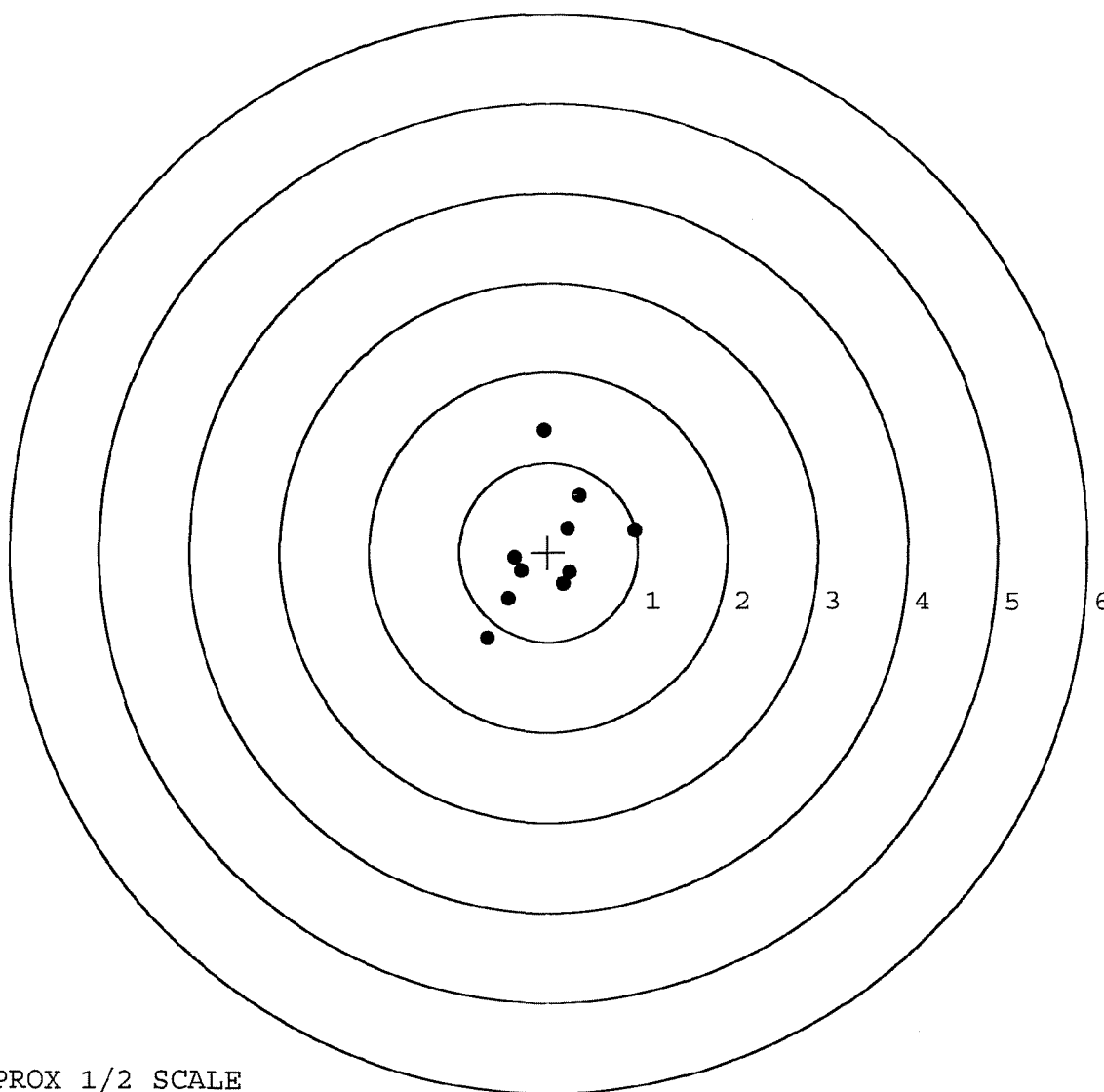
MAX RADIUS: 1.348

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236179. __0

TARGET NUMBER: 3

FILE DATE: 05/10/2007

FILE TIME: 01:21

POINT#	X	Y
1:	-0.047	0.548
2:	-0.352	0.291
3:	-0.498	0.122
4:	0.688	1.050
5:	1.126	0.234
6:	0.757	-0.131
7:	0.828	-0.435
8:	0.463	-0.325
9:	0.326	-0.697
10:	0.087	-1.482

X CENTROID: 0.338

Y CENTROID: -0.083

POA TO CENTROID: 0.348

HORZ SPREAD: 1.624

VERT SPREAD: 2.532

GROUP SPREAD: 2.602

MIN RADIUS: 0.273

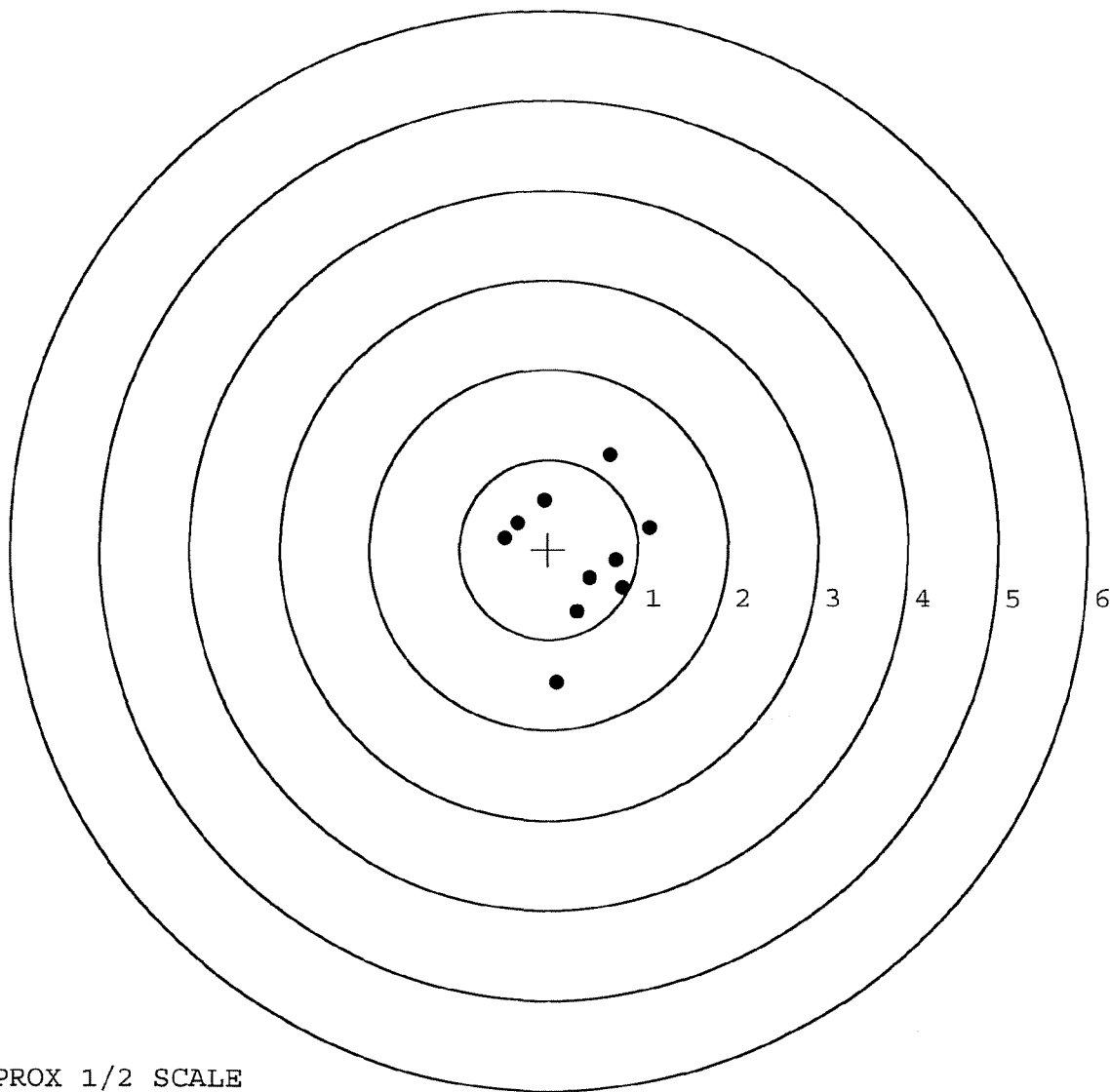
MAX RADIUS: 1.422

MEAN RADIUS: 0.775

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236179. __0

TARGET NUMBER: 4

FILE DATE: 05/10/2007

FILE TIME: 01:21

POINT#	X	Y
--------	---	---

1:	-0.484	0.173
----	--------	-------

2:	-0.458	-0.220
----	--------	--------

3:	0.087	0.292
----	-------	-------

4:	0.272	-0.002
----	-------	--------

5:	0.531	0.428
----	-------	-------

6:	0.861	0.251
----	-------	-------

7:	0.077	-0.605
----	-------	--------

8:	0.733	0.295
----	-------	-------

9:	0.357	1.226
----	-------	-------

10:	0.563	0.209
-----	-------	-------

X CENTROID: 0.254

Y CENTROID: 0.205

POA TO CENTROID: 0.326

HORZ SPREAD: 1.345

VERT SPREAD: 1.831

GROUP SPREAD: 1.852

MIN RADIUS: 0.188

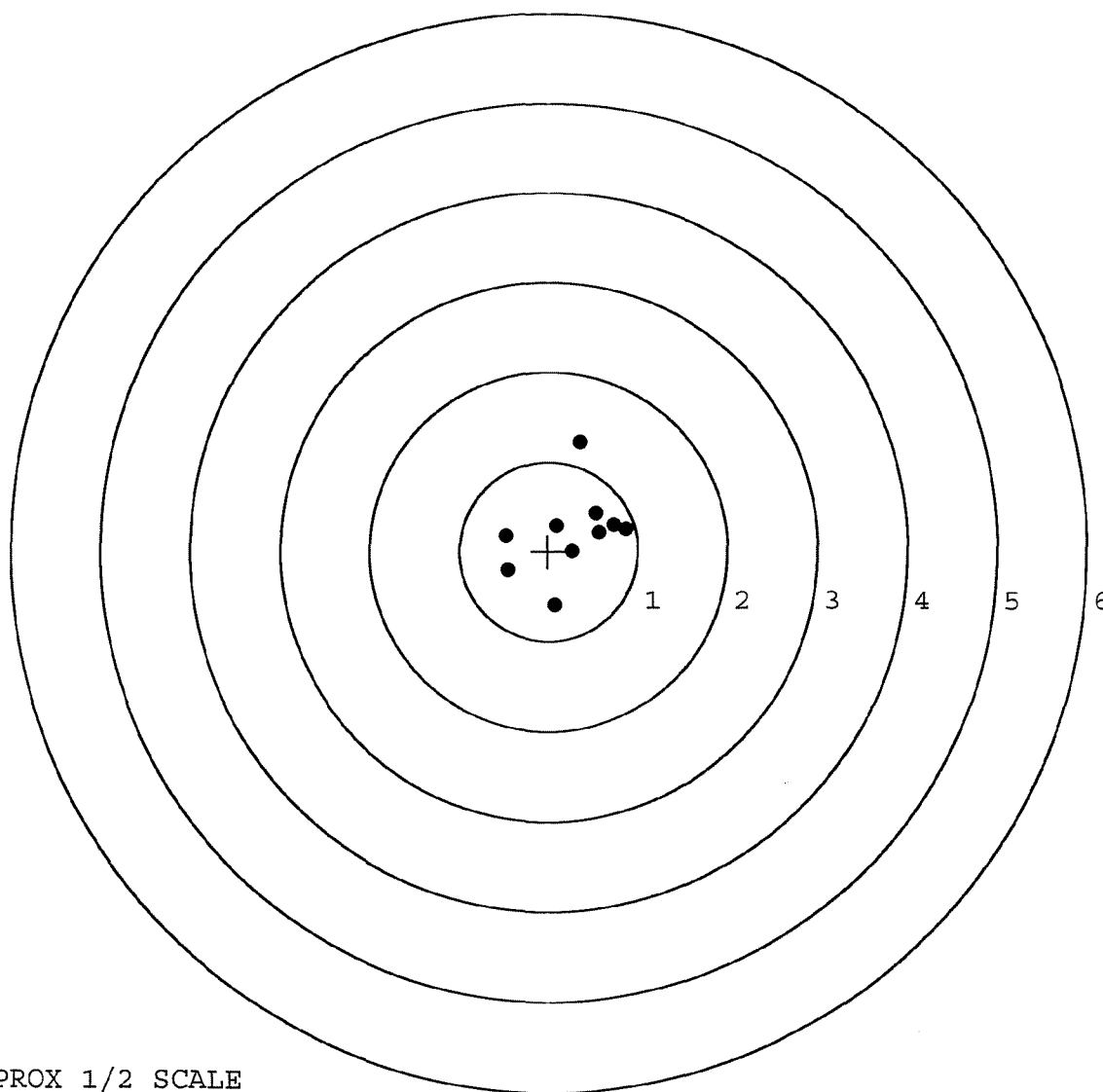
MAX RADIUS: 1.026

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236179. __0

TARGET NUMBER: 5

FILE DATE: 05/10/2007

FILE TIME: 01:21

POINT#	X	Y
--------	---	---

1:	-0.524	0.672
----	--------	-------

2:	-0.162	0.192
----	--------	-------

3:	0.152	0.597
----	-------	-------

4:	0.483	0.308
----	-------	-------

5:	0.760	0.630
----	-------	-------

6:	-0.069	-0.301
----	--------	--------

7:	0.183	-0.430
----	-------	--------

8:	0.497	-0.488
----	-------	--------

9:	0.240	-1.144
----	-------	--------

10:	-0.477	-0.658
-----	--------	--------

X CENTROID: 0.108

Y CENTROID: -0.062

POA TO CENTROID: 0.125

HORZ SPREAD: 1.284

VERT SPREAD: 1.816

GROUP SPREAD: 1.970

MIN RADIUS: 0.297

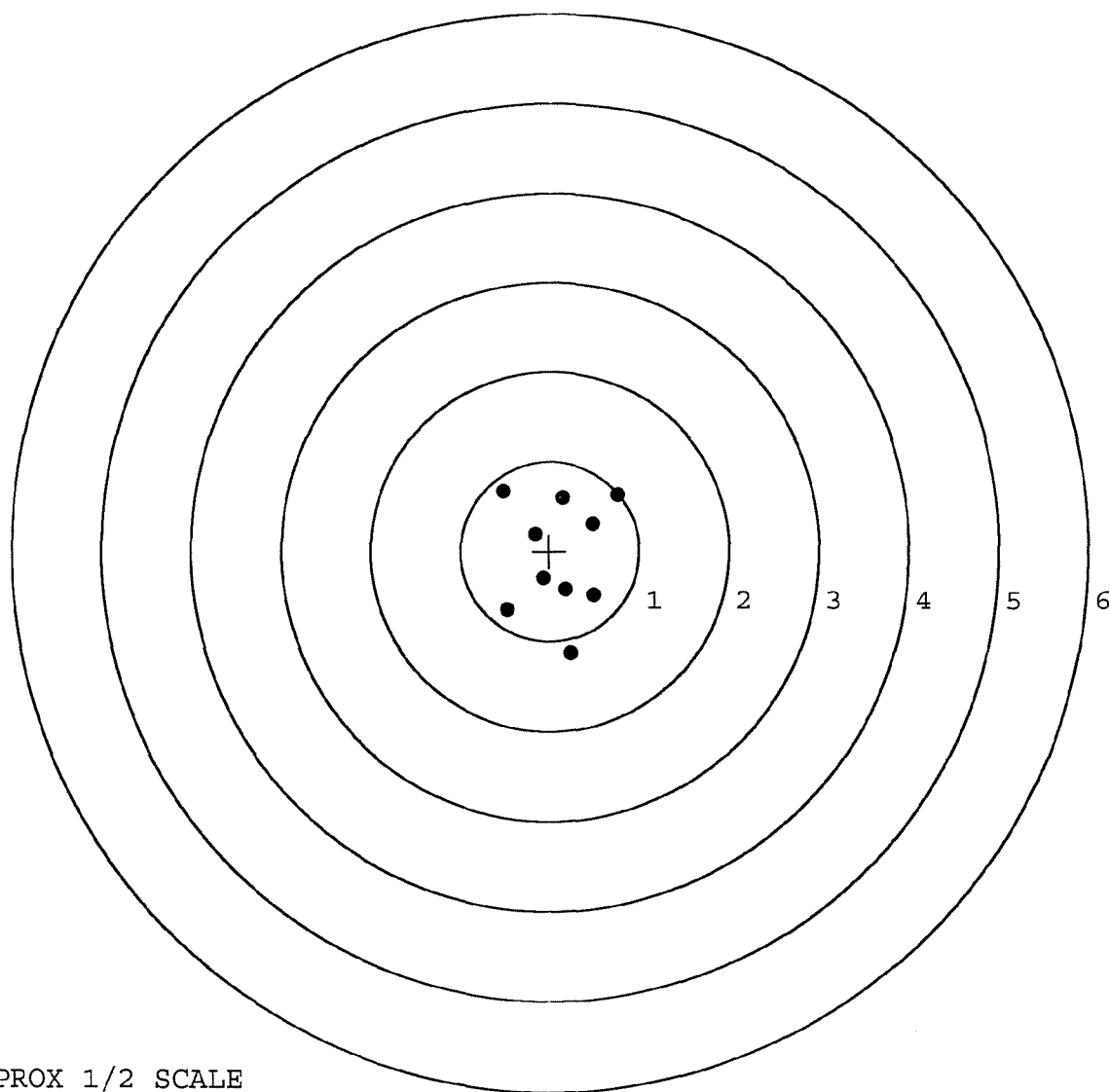
MAX RADIUS: 1.090

MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		127605	
SERIAL NUMBER		G6236149	
LOG-IN DATE		4-3-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-24-07	RTZ
505	RE-BARREL	4-25-07	RTZ
560	ASSEMBLE	4-25-07	RTZ
600	PROOF	4-25-07	TRW
605	CHECK HEADSPACE	4-25-07	TRW
610	DIS-ASSEMBLE GUN	4-26-07	RTZ
612	MAGNAFLUX	4/30/07	unmarked
510	DRILL AND TAP	4-27-07	TRW
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-1-07	CB
620	APPLY COATINGS	5/2/07	ZB
625	FINAL ASSEMBLY	5-9-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5/9/07
650	TARGET	PASS FAIL	5/9/07
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-15-07	BA
	A) HEADSPACE	PASS FAIL	5-15-07
	B) TRIGGER PULL	2.60 2.70 2.61 2.68 2.83	5-10-07 TRW
680	F) SAFETY ON FORCE	5.75 6.0 6.0	5-10-07 TRW
	G) SAFETY OFF FORCE	4.25 3.75 3.75	5-10-07 TRW
	I) FIRING PIN INDENT	.024 .024 .023	5-10-07 TRW
690	PACK		5-16-07 BA

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

Remington®

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

46

Reg. U.S. Pat. & Tr. Off. Marca Registrada. Marque Déposée.
Made in Ilion, NY

SERIAL NO. J G6236149	ORDER NO. 25716
---------------------------------	---------------------------

26RW

5716 G6236149

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

BOLT ACTION CENTERFIRE RIFLE

24" BARREL 7.62 NATO

— INSTRUCTION BOOK 3518

46 FORM

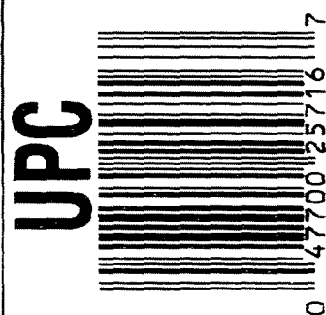


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236149



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6236149

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/27/02	RL
600	PROOF		9-4-02	K
607	CHECK HEADSPACE		9-4-02	K
610	DIS-ASSEMBLE GUN	MAGNA FLUX INSPECTED	9/13/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		9/5	B
617	DRILL AND TAP SIGHT HOLES		9-5-02	Ac
620	APPLY COATINGS (BARREL ACTION)		10-1	TH
	(BOLT)		10-1	TH
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-21-02	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-21-02	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-21-02	RA
	D) OIL FIRING PIN ASSEMBLY		10-21-02	RA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-21-02	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.2</u> <u>5.5</u> <u>5.5</u>	10-29-02	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	10-29-02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		11-21-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.004</u> <u>.022</u> <u>.022</u>	10-29-02	DA
	J) ASSEMBLE STOCK		10/21/02	RL
	K) ASSEMBLE SWIVEL STUDS		11-21-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-21-02	RL
	M) IRON SIGHT ALIGNMENT		11-21-02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-21-02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	11-29-02	RW
	MALFUNCTION	CORRECTION	11-29-02	RW
	MALFUNCTION	CORRECTION	10-29-02	RW
	MALFUNCTION	CORRECTION	10-29-02	RW
	MALFUNCTION	CORRECTION	10-29-02	RW
645	INSPECT FOR LIVE AMMO		10-29-02	RL
655	FINAL INSPECTION A) HEADSPACE		11-21-02	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.46</u> <u>2.39</u> <u>2.40</u> <u>2.44</u> <u>2.36</u>	10-29-02	DA
	C) FUNCTION		11-21-02	RL
660	PACK		11-22-02	DA

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

DATE 10-21-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.34		2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.41	2.49		2.39	
PULL #3	2.51	2.58		2.35	
PULL #4	2.49	2.48		2.33	
PULL #5	2.43	2.40		2.37	
TOTAL	12.32	12.29		11.89	
AVG.	2.46	2.45		2.37	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.10		
PULL #2	3.27	3.16		
PULL #3	3.22	3.22		
PULL #4	3.15	3.18		
PULL #5	3.26	3.14		
TOTAL	16.33	15.80		
AVG.	3.26	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.32	3.90		3.97
PULL #2	4.29	4.03		4.02
PULL #3	4.05	4.20		3.98
PULL #4	4.22	4.06		3.94
PULL #5	4.11	4.13		4.06
TOTAL	20.99	20.52		19.97
AVG.	4.19	4.10		3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236149.___0

FILE DATE AND TIME: 10/30/2002 22:40

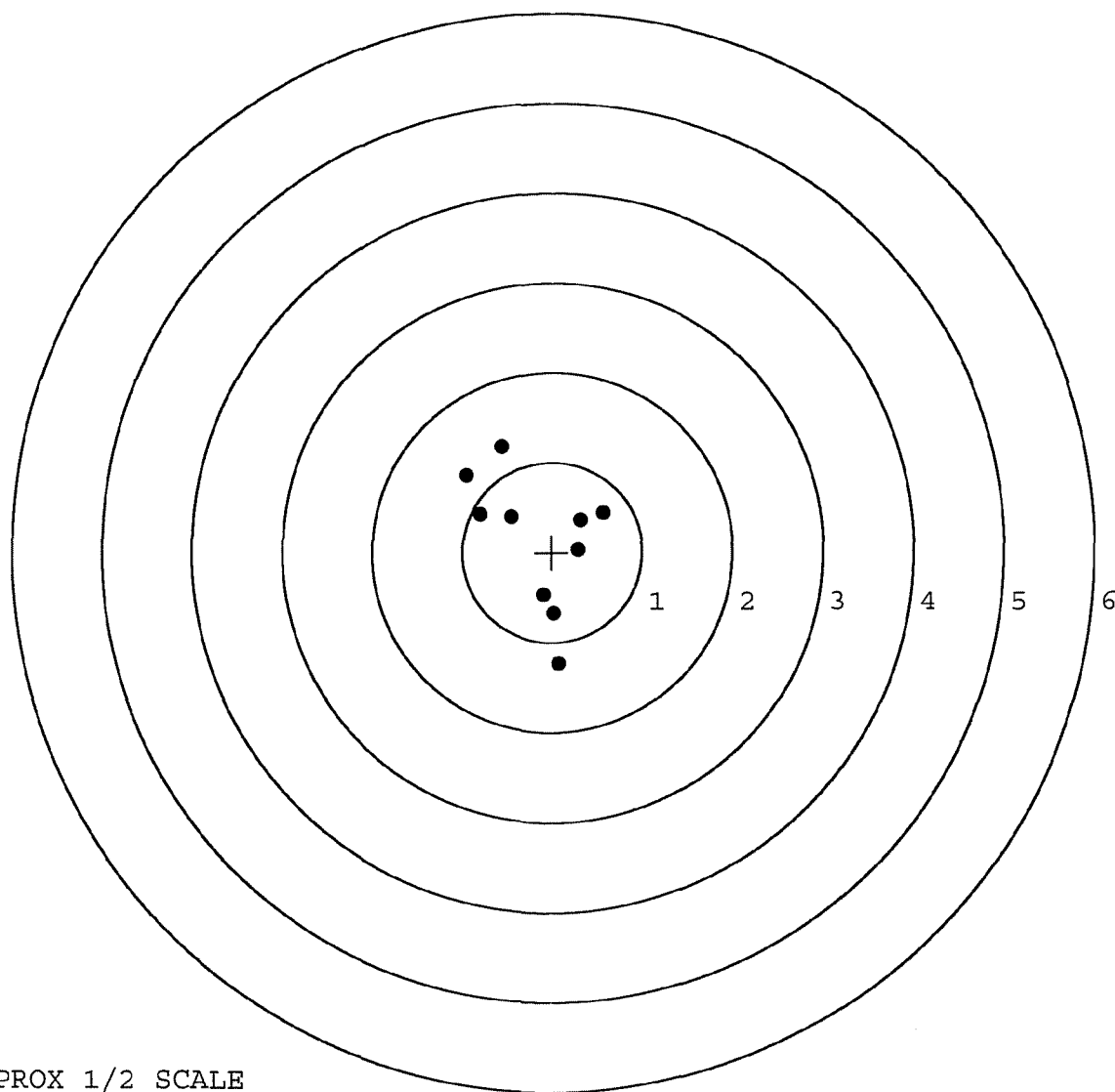
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.819
The Distance from POA to Centroid Target #1:	0.203
The Distance from Centroid Target #2 to Centroid Target #1:	0.376
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.244
The Distance from Centroid Target #5 to Centroid Target #1:	0.321

SERIAL NUMBER: G6236149. 0
TARGET NUMBER: 1
FILE DATE: 10/30/2002
FILE TIME: 22:40

POINT#	X	Y
1:	0.077	-1.244
2:	0.026	-0.682
3:	-0.098	-0.474
4:	0.298	0.031
5:	0.317	0.359
6:	0.571	0.439
7:	-0.459	0.392
8:	-0.802	0.417
9:	-0.959	0.848
10:	-0.563	1.169

X CENTROID: -0.159
Y CENTROID: 0.125
POA TO CENTROID: 0.203
HORZ SPREAD: 1.530
VERT SPREAD: 2.413
GROUP SPREAD: 2.496
MIN RADIUS: 0.401
MAX RADIUS: 1.390
MEAN RADIUS: 0.792
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

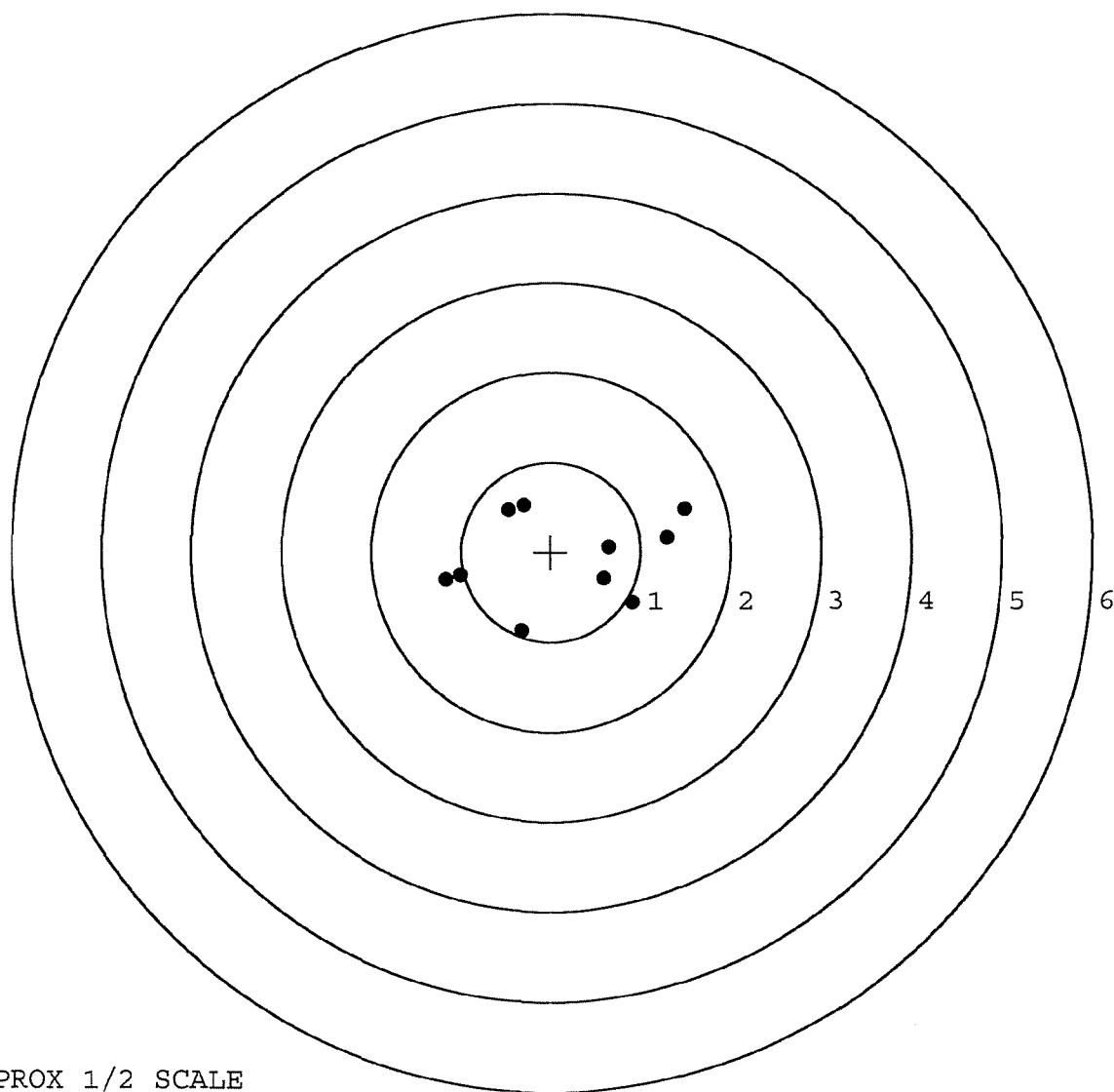


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236149. __0
TARGET NUMBER: 2
FILE DATE: 10/30/2002
FILE TIME: 22:40

X CENTROID: 0.164
Y CENTROID: -0.068
POA TO CENTROID: 0.177
HORZ SPREAD: 2.655
VERT SPREAD: 1.404
GROUP SPREAD: 2.770
MIN RADIUS: 0.493
MAX RADIUS: 1.427
MEAN RADIUS: 0.954
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.909	-0.568
2:	0.595	-0.306
3:	0.649	0.048
4:	1.287	0.151
5:	1.483	0.476
6:	-0.302	0.522
7:	-0.474	0.463
8:	-1.013	-0.266
9:	-1.172	-0.314
10:	-0.323	-0.882



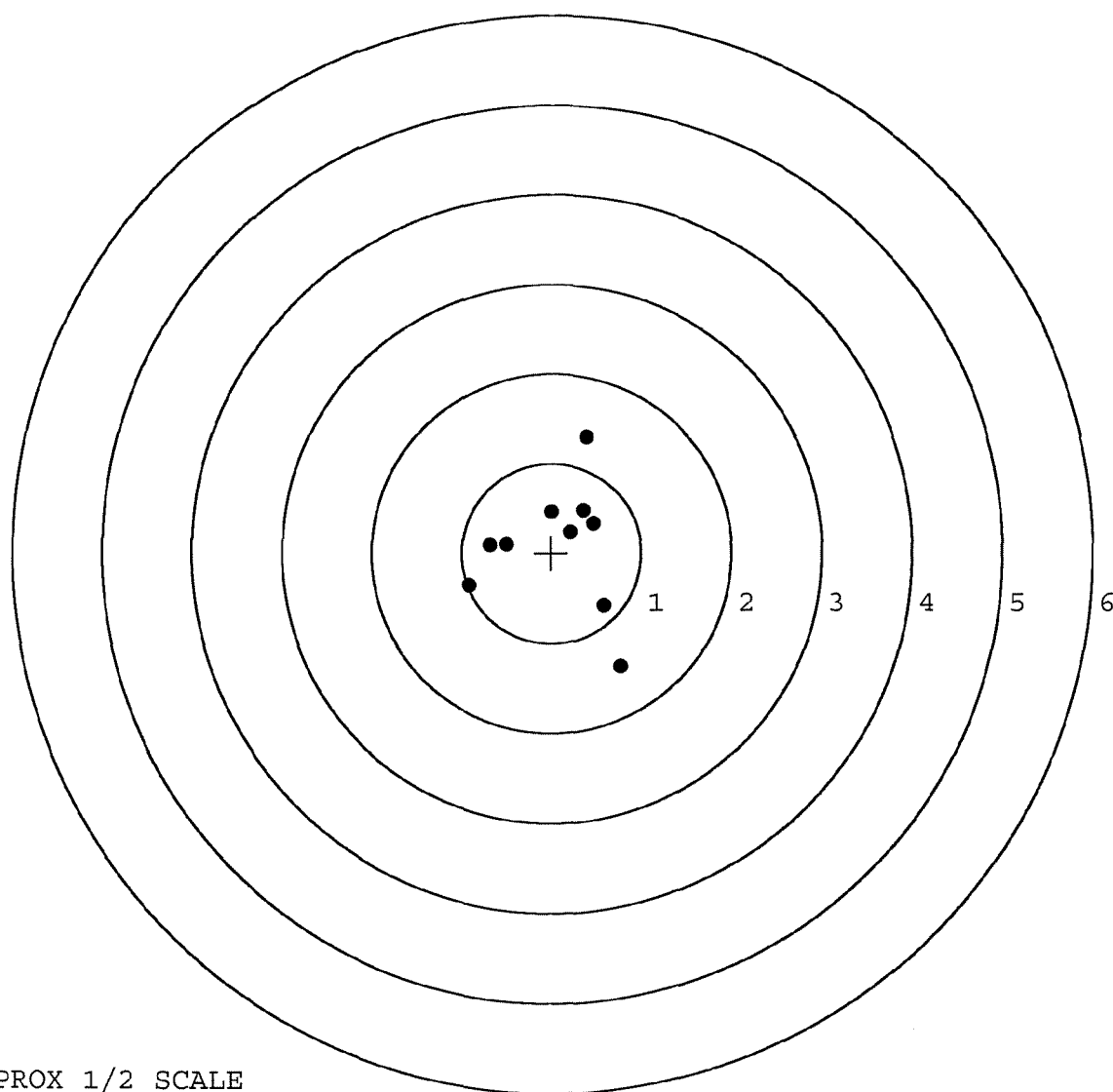
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236149. __0
TARGET NUMBER: 3
FILE DATE: 10/30/2002
FILE TIME: 22:40

X CENTROID: 0.070
Y CENTROID: 0.076
POA TO CENTROID: 0.103
HORZ SPREAD: 1.691
VERT SPREAD: 2.557
GROUP SPREAD: 2.586
MIN RADIUS: 0.206
MAX RADIUS: 1.512
MEAN RADIUS: 0.758

POINT#	X	Y
1:	0.777	-1.260
2:	0.591	-0.586
3:	-0.914	-0.364
4:	-0.498	0.095
5:	-0.686	0.089
6:	0.209	0.228
7:	0.468	0.327
8:	0.354	0.480
9:	0.002	0.459
10:	0.394	1.297

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

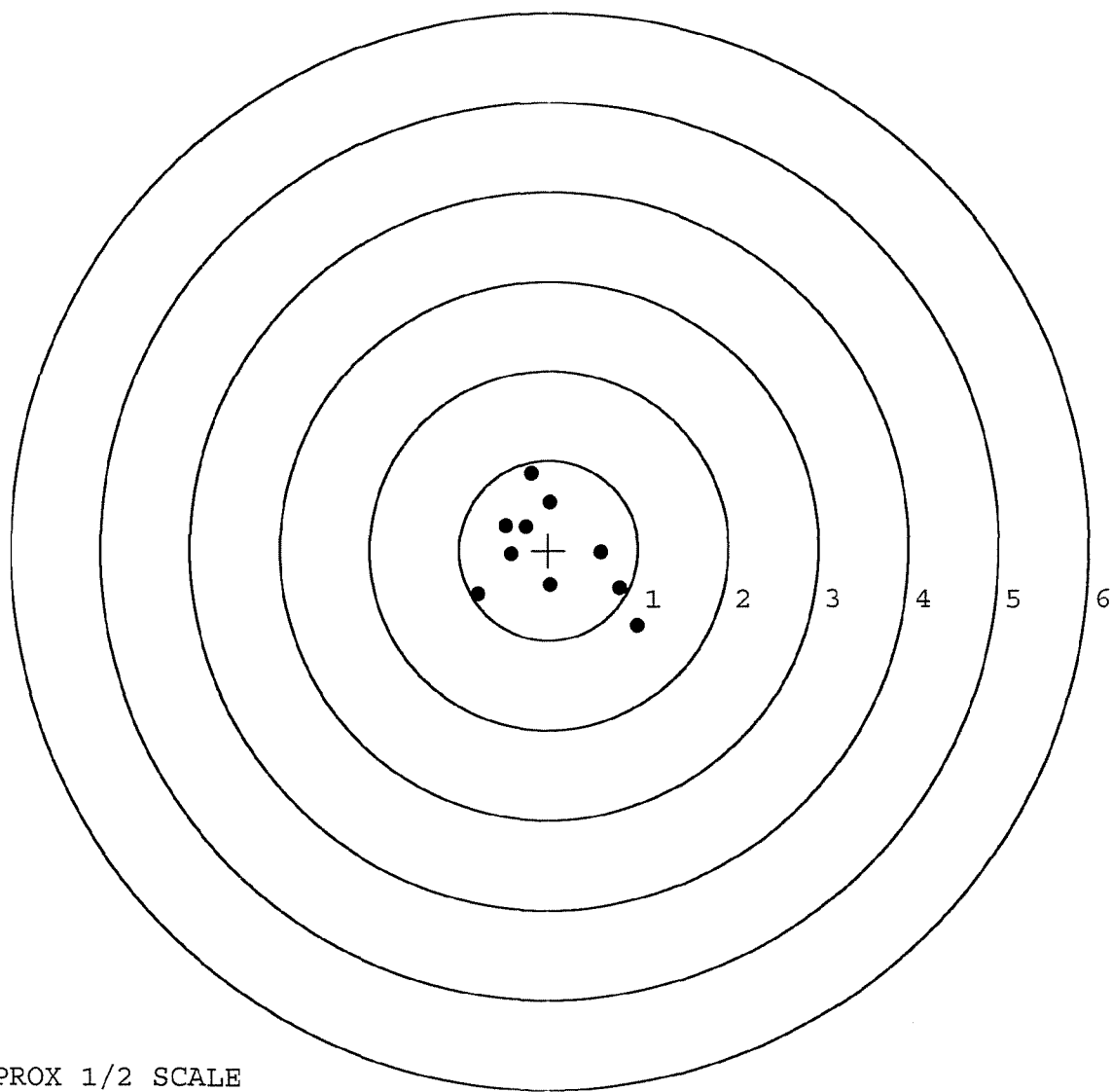


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236149. __0
TARGET NUMBER: 4
FILE DATE: 10/30/2002
FILE TIME: 22:40

X CENTROID: 0.027
Y CENTROID: -0.032
POA TO CENTROID: 0.042
HORZ SPREAD: 1.776
VERT SPREAD: 1.706
GROUP SPREAD: 2.078
MIN RADIUS: 0.358
MAX RADIUS: 1.262
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.989	-0.849
2:	0.798	-0.428
3:	0.587	-0.029
4:	0.025	-0.390
5:	-0.787	-0.497
6:	-0.416	-0.051
7:	-0.258	0.261
8:	-0.483	0.270
9:	0.017	0.535
10:	-0.198	0.857

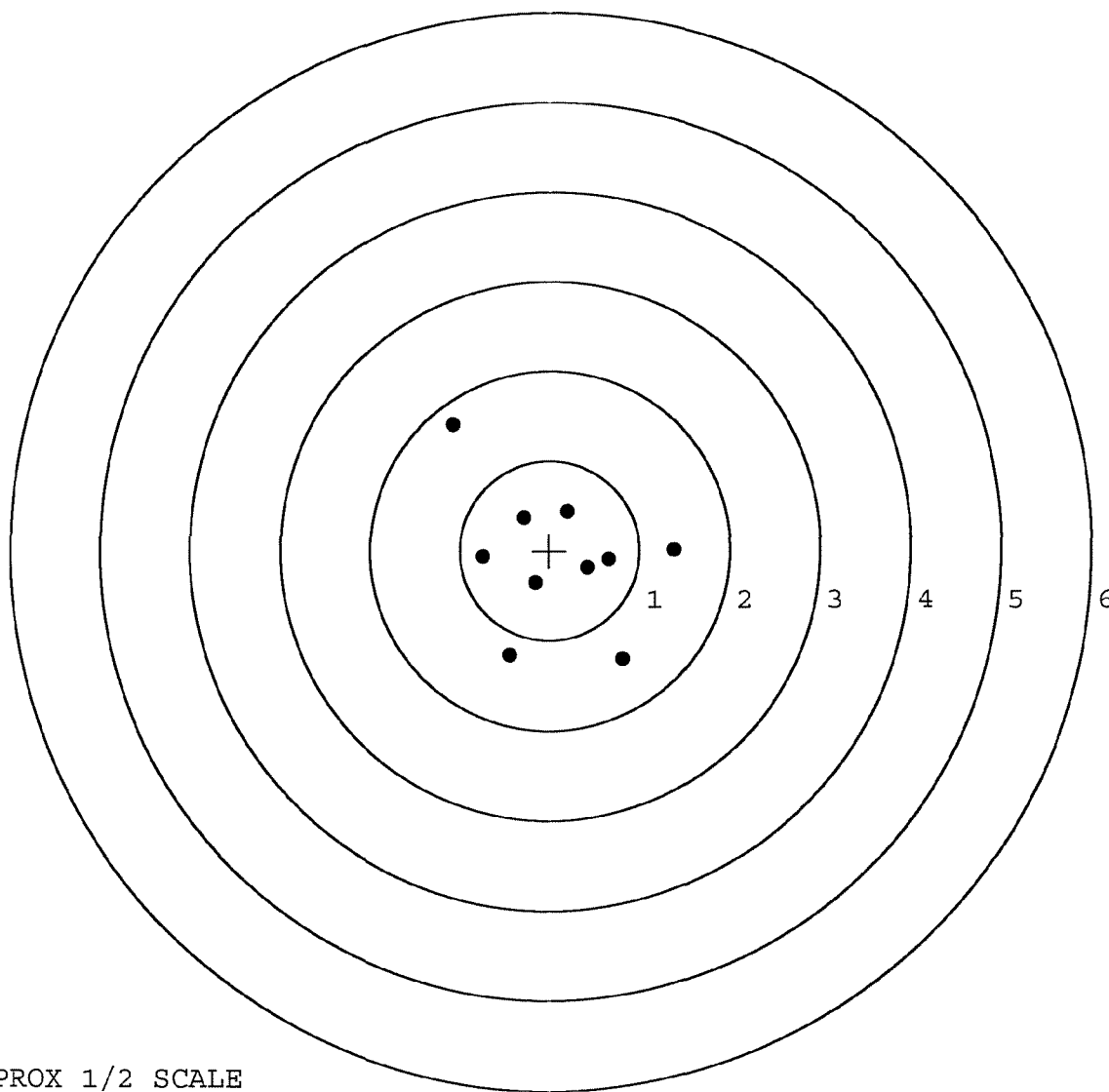


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236149. __0
TARGET NUMBER: 5
FILE DATE: 10/30/2002
FILE TIME: 22:40

X CENTROID: 0.078
Y CENTROID: -0.091
POA TO CENTROID: 0.119
HORZ SPREAD: 2.466
VERT SPREAD: 2.615
GROUP SPREAD: 3.233
MIN RADIUS: 0.358
MAX RADIUS: 1.889
MEAN RADIUS: 0.900
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.820	-1.214
2:	1.385	-0.006
3:	0.664	-0.102
4:	0.421	-0.195
5:	-0.441	-1.167
6:	-0.155	-0.363
7:	-0.741	-0.070
8:	-0.291	0.371
9:	0.195	0.439
10:	-1.081	1.401



TARGET APPROX 1/2 SCALE