

G-623 4138

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00127603** Serial: G6236138 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Status: New 4/3/2007 1:10:55 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

4 Mic... Part Se... Arms S... 3 Mic... 4 Inte... 1:40 PM

Serial Number: **G6236138**
 Model: **M24 SWS**

RE00127603

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236138.__0

FILE DATE AND TIME: 05/10/2007 01:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.423
The Average Y Centroid of the Five Target Set:	-0.165
The Average Point of Impact of the Five Target Set:	0.454
The Average Mean Radius of the Five Target Set:	0.949
The Distance from POA to Centroid Target #1:	0.304
The Distance from Centroid Target #2 to Centroid Target #1:	0.819
The Distance from Centroid Target #3 to Centroid Target #1:	0.483
The Distance from Centroid Target #4 to Centroid Target #1:	0.584
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

SERIAL NUMBER: G6236138. __0

TARGET NUMBER: 1

FILE DATE: 05/10/2007

FILE TIME: 01:23

POINT#	X	Y
1:	0.257	-0.042
2:	0.176	-0.211
3:	0.313	-0.465
4:	-0.345	-0.006
5:	-0.618	-0.309
6:	-0.449	0.685
7:	-0.783	1.297
8:	1.827	0.528
9:	1.461	0.174
10:	0.728	-0.024

X CENTROID: 0.257

Y CENTROID: 0.163

POA TO CENTROID: 0.304

HORZ SPREAD: 2.610

VERT SPREAD: 1.762

GROUP SPREAD: 2.721

MIN RADIUS: 0.205

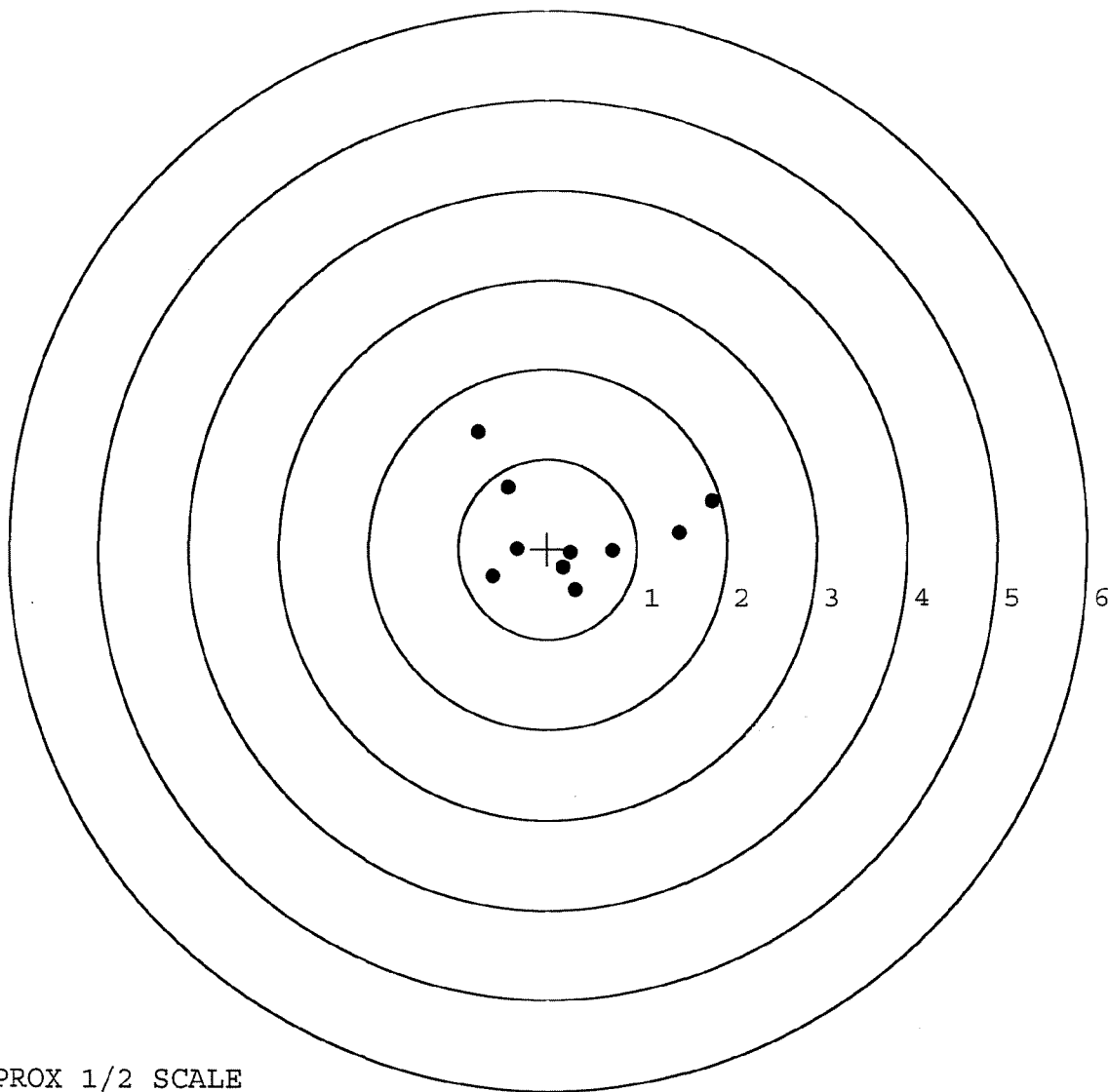
MAX RADIUS: 1.612

MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0

TARGET NUMBER: 2

FILE DATE: 05/10/2007

FILE TIME: 01:23

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

1:	-0.067	0.339
----	--------	-------

2:	-0.188	-0.095
----	--------	--------

3:	0.156	-0.604
----	-------	--------

4:	0.510	1.113
----	-------	-------

5:	0.975	0.833
----	-------	-------

6:	0.948	-1.163
----	-------	--------

7:	0.248	-1.612
----	-------	--------

8:	2.009	-0.107
----	-------	--------

9:	2.015	-0.318
----	-------	--------

10:	2.464	-1.743
-----	-------	--------

X CENTROID: 0.907

Y CENTROID: -0.336

POA TO CENTROID: 0.967

HORZ SPREAD: 2.652

VERT SPREAD: 2.856

GROUP SPREAD: 3.460

MIN RADIUS: 0.797

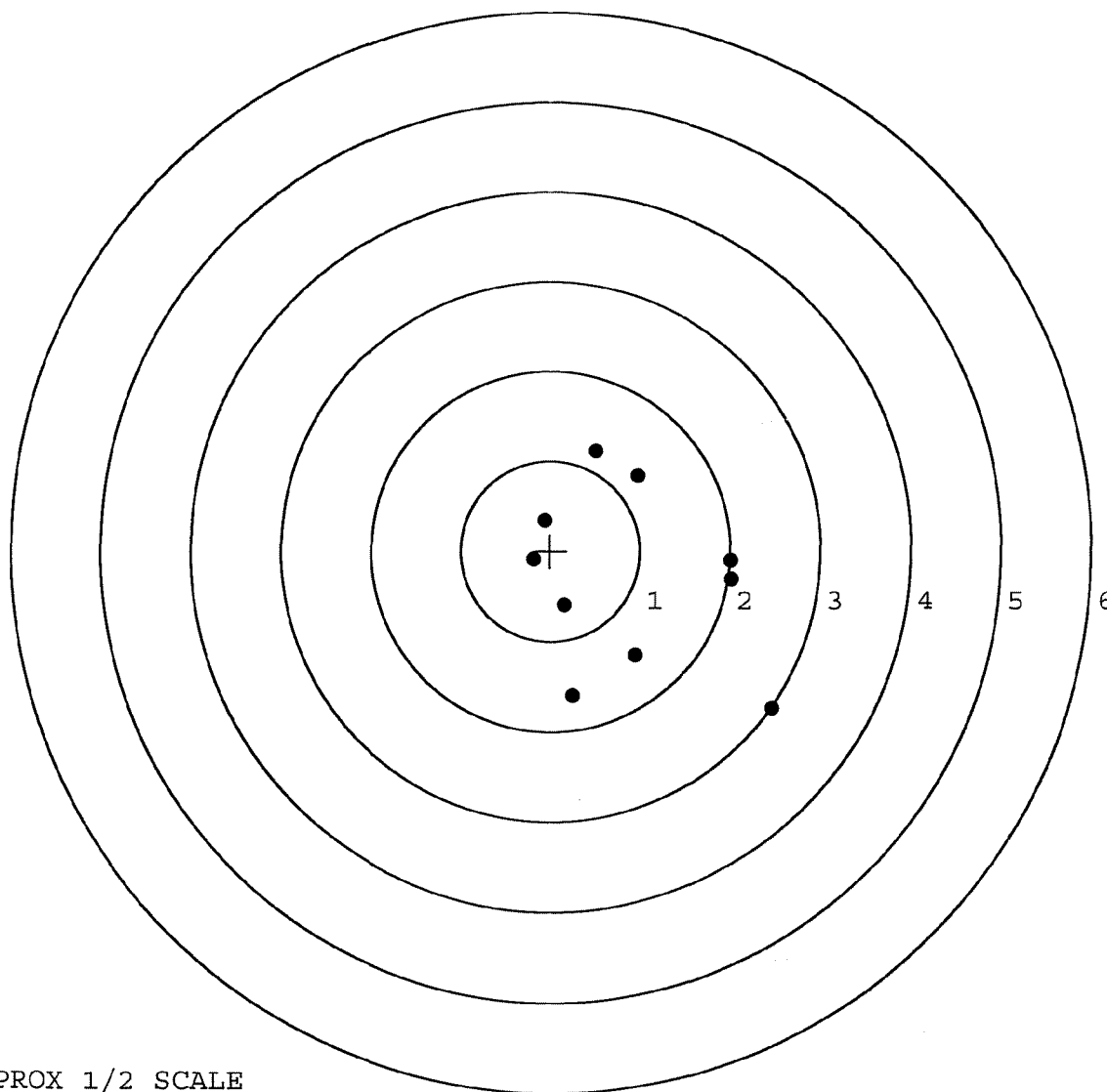
MAX RADIUS: 2.099

MEAN RADIUS: 1.237

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 8

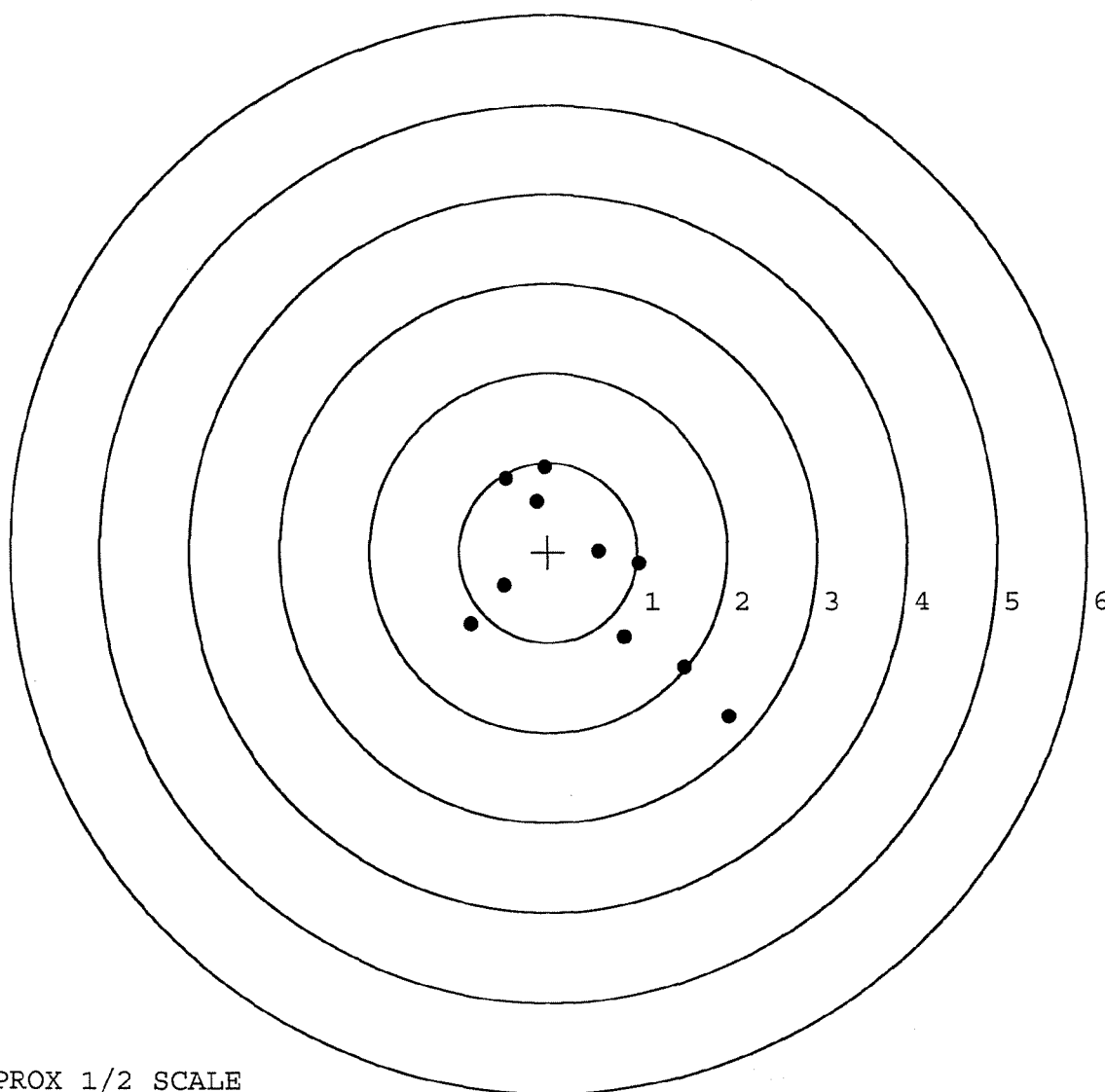


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0
TARGET NUMBER: 3
FILE DATE: 05/10/2007
FILE TIME: 01:23

POINT#	X	Y
1:	-0.046	0.950
2:	-0.129	0.564
3:	-0.476	0.822
4:	0.569	0.014
5:	1.014	-0.128
6:	0.847	-0.944
7:	1.526	-1.275
8:	2.019	-1.826
9:	-0.499	-0.374
10:	-0.867	-0.805

X CENTROID: 0.396
Y CENTROID: -0.300
POA TO CENTROID: 0.497
HORZ SPREAD: 2.886
VERT SPREAD: 2.776
GROUP SPREAD: 3.638
MIN RADIUS: 0.359
MAX RADIUS: 2.228
MEAN RADIUS: 1.152
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __ 0

TARGET NUMBER: 4

FILE DATE: 05/10/2007

FILE TIME: 01:23

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

1:	-0.190	0.323
----	--------	-------

2:	0.168	1.241
----	-------	-------

3:	-0.654	-0.036
----	--------	--------

4:	0.824	0.267
----	-------	-------

5:	0.390	-0.248
----	-------	--------

6:	0.192	-0.311
----	-------	--------

7:	-0.025	-0.566
----	--------	--------

8:	0.251	-1.281
----	-------	--------

9:	0.949	-1.527
----	-------	--------

10:	1.328	-2.039
-----	-------	--------

X CENTROID: 0.323

Y CENTROID: -0.418

POA TO CENTROID: 0.528

HORZ SPREAD: 1.982

VERT SPREAD: 3.280

GROUP SPREAD: 3.479

MIN RADIUS: 0.169

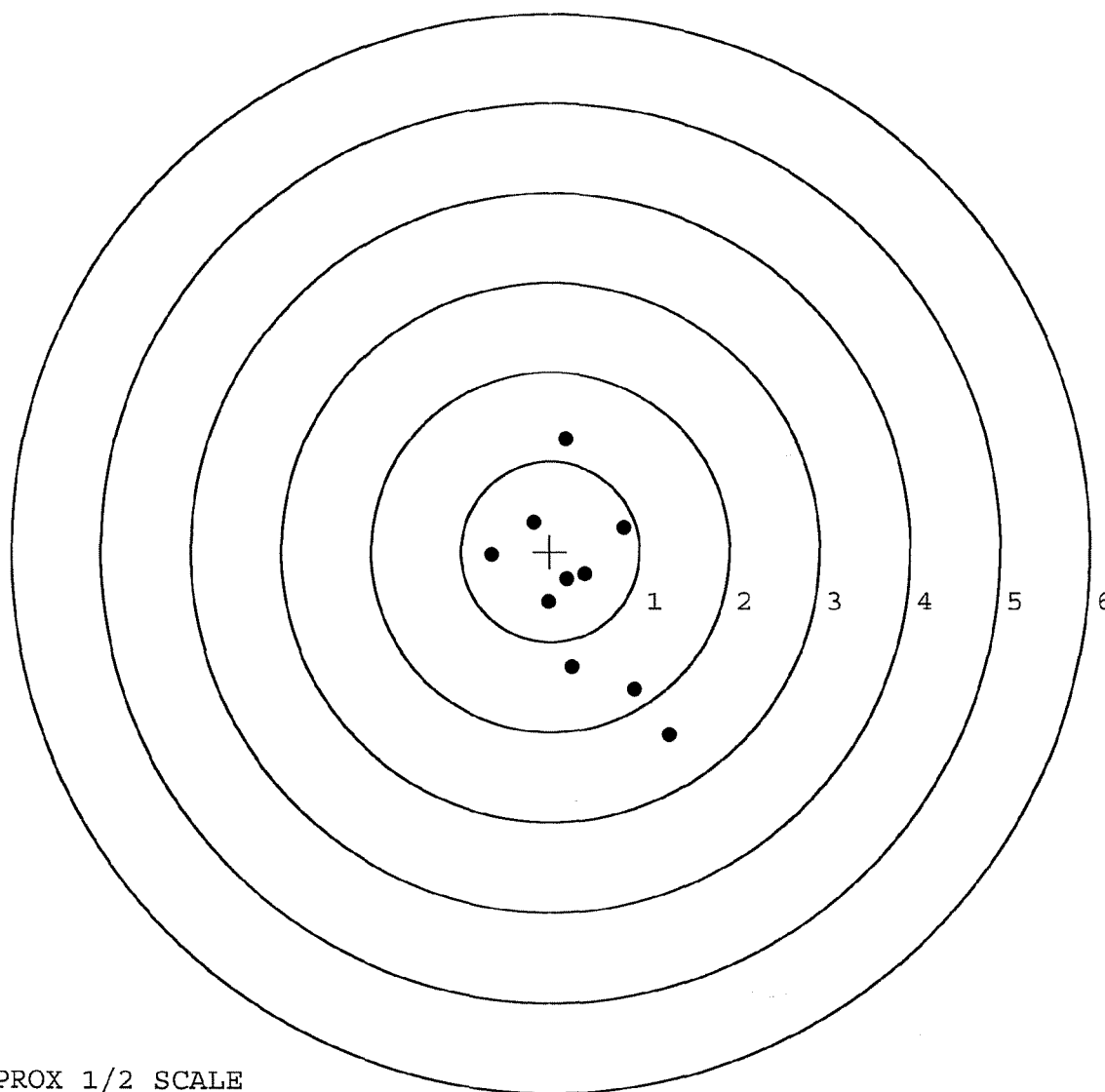
MAX RADIUS: 1.907

MEAN RADIUS: 0.924

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0

TARGET NUMBER: 5

FILE DATE: 05/10/2007

FILE TIME: 01:23

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

1:	-0.401	0.532
----	--------	-------

2:	0.789	0.727
----	-------	-------

3:	1.551	0.365
----	-------	-------

4:	0.057	0.237
----	-------	-------

5:	-0.088	0.116
----	--------	-------

6:	-0.122	-0.060
----	--------	--------

7:	0.092	-0.035
----	-------	--------

8:	0.323	-0.254
----	-------	--------

9:	0.375	-0.420
----	-------	--------

10:	-0.264	-0.527
-----	--------	--------

X CENTROID: 0.231

Y CENTROID: 0.068

POA TO CENTROID: 0.241

HORZ SPREAD: 1.952

VERT SPREAD: 1.254

GROUP SPREAD: 2.022

MIN RADIUS: 0.173

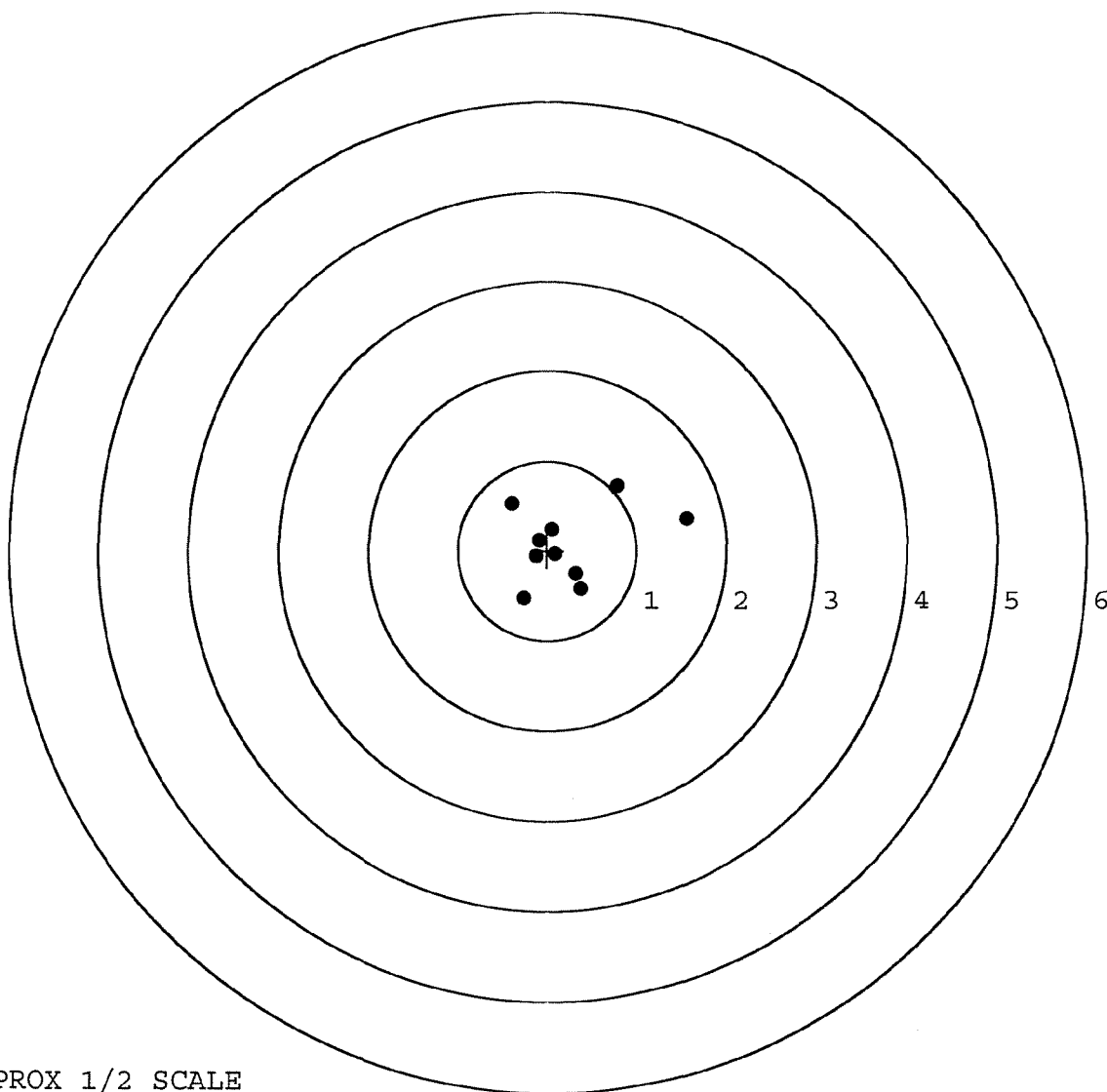
MAX RADIUS: 1.353

MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 5

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		127603	
SERIAL NUMBER		G6236138	
LOG-IN DATE		4-30-07	
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	Wick
510	DRILL AND TAP	4-27-07	TRW
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-1-07	UB
620	APPLY COATINGS	5/2/07	RB
625	FINAL ASSEMBLY	5-9-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5/9/07
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-15-07	RTA
	A) HEADSPACE	PASS FAIL	5-15-07
	B) TRIGGER PULL	2.31 2.36 2.21 2.18 2.41	5-10-07 TRW
680	F) SAFETY ON FORCE	6.0 6.0 5.75	5-10-07 TRW
	G) SAFETY OFF FORCE	3.0 2.75 3.0	5-10-07 TRW
	I) FIRING PIN INDENT	.023 ⁵ .023 .024	5-10-07 TRW
690	PACK		5-16-07 RTA

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. & Tm. Off. Marca Registrada. Marque Déposée.
Made in Illinois, NY

SERIAL NO. **G6236138**

ORDER NO. **25716**

26RW

5716 G6236138

ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



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

- INSTRUCTION BOOK 3518

46 FORM



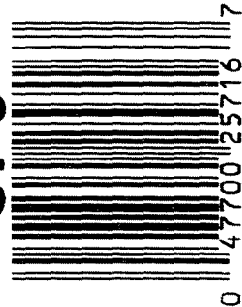
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236138

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # C6236/38

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		9/5/02	RL
600	PROOF		9/5/02	RL
607	CHECK HEADSPACE		9/9/02	RL
610	DIS-ASSEMBLE GUN		9/9/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 10 2002 RL		
615	ROLLMARK CALIBER		9/10	DS
617	DRILL AND TAP SIGHT HOLES		9-11-02	AC
620	APPLY COATINGS (BARREL ACTION)		9-18	TA
	(BOLT)		9-18	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-20-02	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-20-02	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-20-02	RW
	D) OIL FIRING PIN ASSEMBLY		9-20-02	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-18-02	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.0</u> <u>5.5</u>	10-3-02	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.0</u>	10-3-02	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		11-18-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.022</u> <u>.022</u>	10-3-02	RA
	J) ASSEMBLE STOCK		9-27-02	RL
	K) ASSEMBLE SWIVEL STUDS		11-18-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/30/02	RL
	M) IRON SIGHT ALIGNMENT		10/30/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/30/02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	9/ 30/02	TRW
	MALFUNCTION	CORRECTION	9/ 30/02	TRW
	MALFUNCTION	CORRECTION	9/ 30/02	TRW
	MALFUNCTION	CORRECTION	9/ 30/02	TRW
	MALFUNCTION	CORRECTION	9/ 30/02	TRW
645	INSPECT FOR LIVE AMMO		9/ 30/02	TRW
655	FINAL INSPECTION A) HEADSPACE		11-18-02	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.28</u> <u>2.74</u> <u>2.67</u> <u>2.36</u>	10/3/02	RL
	C) FUNCTION		11-18-02	RL
660	PACK		11-22-02	RA

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

DATE 9-27-02

TESTER TRW

66236138

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.55		2.56	MIN. SETTING,
PULL #2	2.79	2.73		2.79	NO AVG. OF 5
PULL #3	2.37	2.28		2.68	READINGS ACCEPT-
PULL #4	2.23	2.72		2.71	ABLE LESS THAN 2
PULL #5	2.47	2.61		2.70	
TOTAL	12.44	12.89		13.44	
AVG.	2.48	2.57		2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.06		
PULL #2	3.12	3.11		
PULL #3	3.10	3.00		
PULL #4	3.04	3.13		
PULL #5	3.03	3.16		
TOTAL	15.31	15.46		
AVG.	3.06	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.12	3.99		4.19
PULL #2	4.15	4.04		3.98
PULL #3	4.09	4.02		3.92
PULL #4	4.01	3.97		4.03
PULL #5	4.05	4.06		4.04
TOTAL	20.42	20.08		20.16
AVG.	4.08	4.01		4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236138.___0

FILE DATE AND TIME: 10/01/2002 12:33

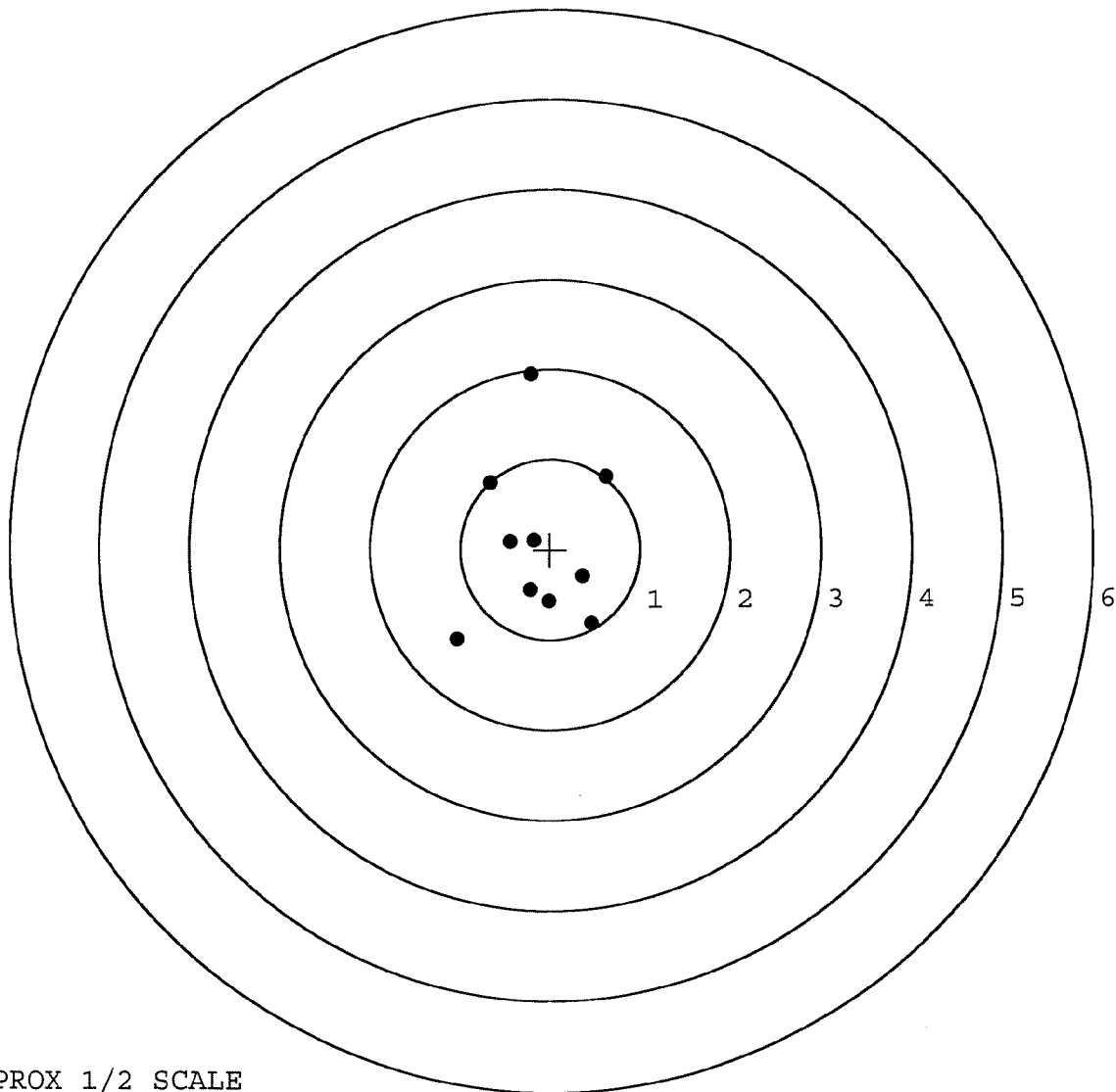
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.043
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.983
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.193
The Distance from Centroid Target #4 to Centroid Target #1:	0.257
The Distance from Centroid Target #5 to Centroid Target #1:	0.326

SERIAL NUMBER: G6236138.___0
TARGET NUMBER: 1
FILE DATE: 10/01/2002
FILE TIME: 12:33

POINT#	X	Y
1:	-1.039	-1.004
2:	0.465	-0.824
3:	0.361	-0.294
4:	-0.016	-0.576
5:	-0.224	-0.450
6:	-0.181	0.101
7:	-0.453	0.091
8:	-0.673	0.738
9:	0.620	0.807
10:	-0.215	1.941

X CENTROID: -0.135
Y CENTROID: 0.053
POA TO CENTROID: 0.145
HORZ SPREAD: 1.659
VERT SPREAD: 2.945
GROUP SPREAD: 3.058
MIN RADIUS: 0.066
MAX RADIUS: 1.890
MEAN RADIUS: 0.842
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

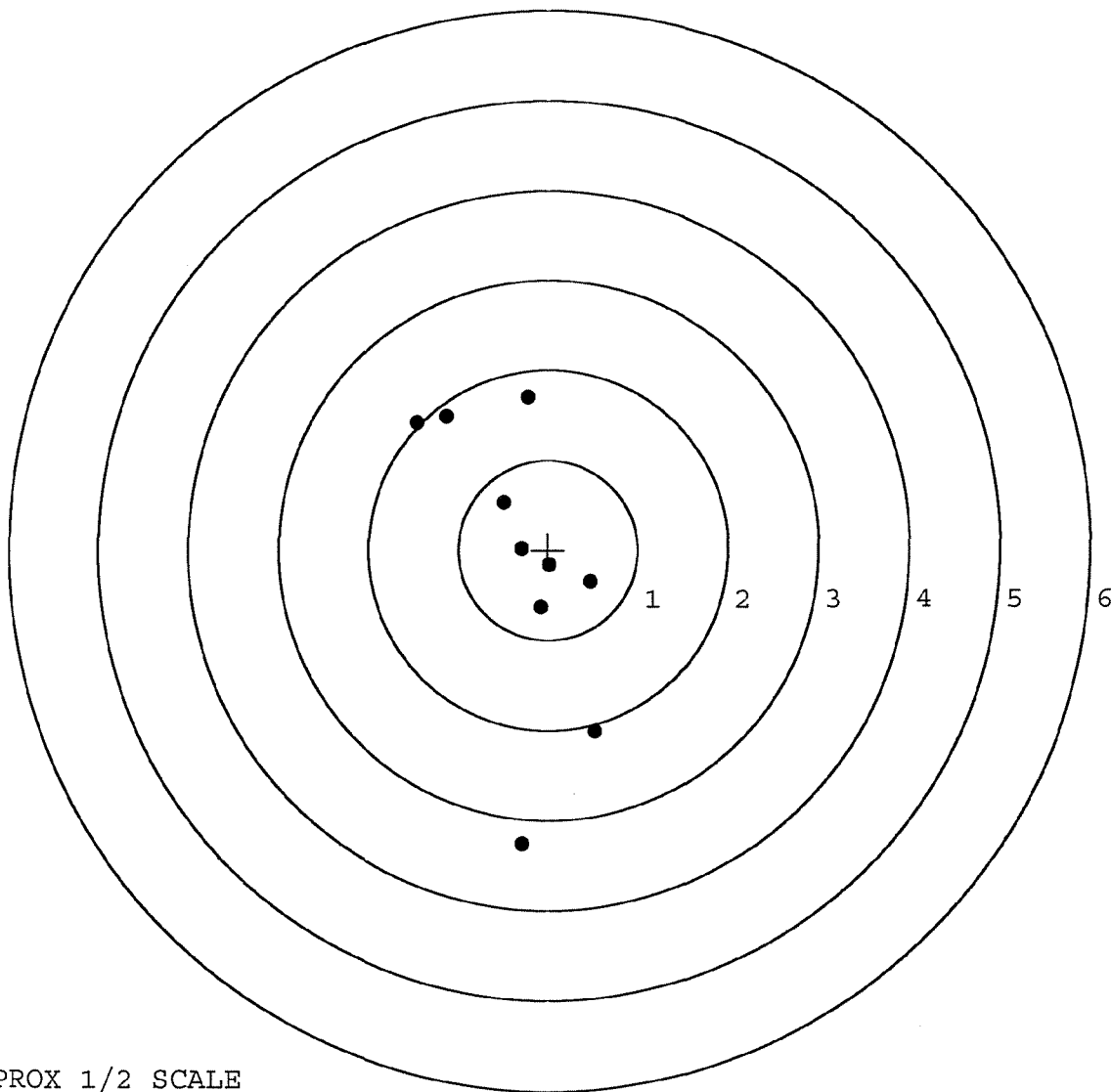


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0
TARGET NUMBER: 2
FILE DATE: 10/01/2002
FILE TIME: 12:33

X CENTROID: -0.299
Y CENTROID: -0.131
POA TO CENTROID: 0.326
HORZ SPREAD: 1.989
VERT SPREAD: 4.967
GROUP SPREAD: 4.967
MIN RADIUS: 0.150
MAX RADIUS: 3.139
MEAN RADIUS: 1.330
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	-1.466	1.414
2:	-1.136	1.483
3:	-0.228	1.697
4:	-0.500	0.533
5:	-0.294	0.019
6:	0.479	-0.354
7:	-0.086	-0.645
8:	0.523	-2.015
9:	-0.298	-3.270
10:	0.015	-0.171

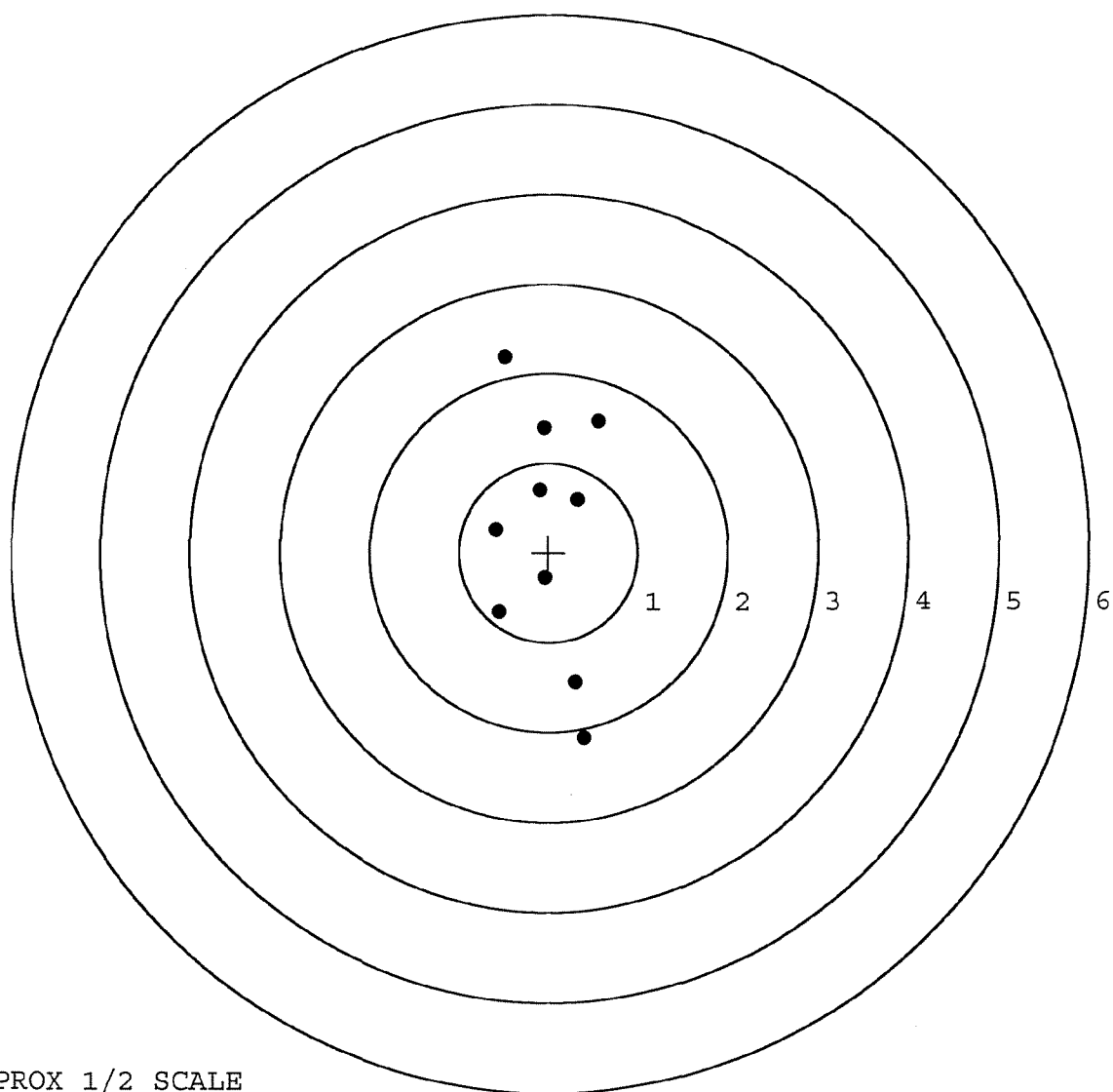


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0
TARGET NUMBER: 3
FILE DATE: 10/01/2002
FILE TIME: 12:33

X CENTROID: -0.026
Y CENTROID: 0.212
POA TO CENTROID: 0.213
HORZ SPREAD: 1.153
VERT SPREAD: 4.254
GROUP SPREAD: 4.347
MIN RADIUS: 0.492
MAX RADIUS: 2.323
MEAN RADIUS: 1.170
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.400	-2.072
2:	0.306	-1.449
3:	-0.557	-0.662
4:	-0.041	-0.281
5:	-0.596	0.256
6:	-0.100	0.698
7:	0.325	0.593
8:	-0.056	1.389
9:	0.557	1.463
10:	-0.496	2.182



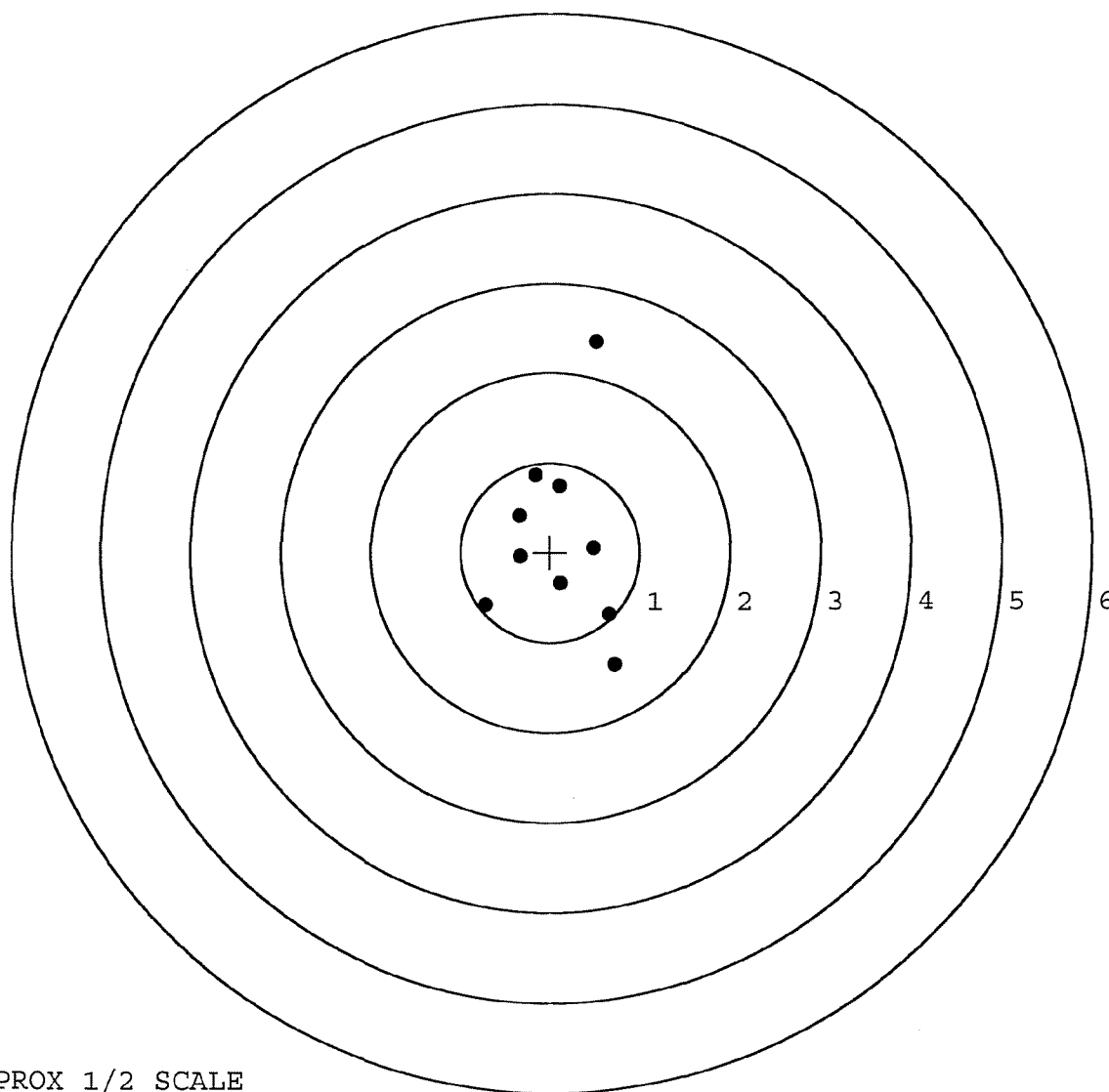
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0
TARGET NUMBER: 4
FILE DATE: 10/01/2002
FILE TIME: 12:33

X CENTROID: 0.104
Y CENTROID: 0.148
POA TO CENTROID: 0.181
HORZ SPREAD: 1.451
VERT SPREAD: 3.591
GROUP SPREAD: 3.597
MIN RADIUS: 0.401
MAX RADIUS: 2.233
MEAN RADIUS: 0.915

POINT#	X	Y
1:	0.726	-1.248
2:	0.664	-0.695
3:	0.492	0.048
4:	0.114	-0.347
5:	-0.336	-0.049
6:	-0.725	-0.590
7:	-0.347	0.409
8:	0.100	0.746
9:	-0.167	0.864
10:	0.514	2.343

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

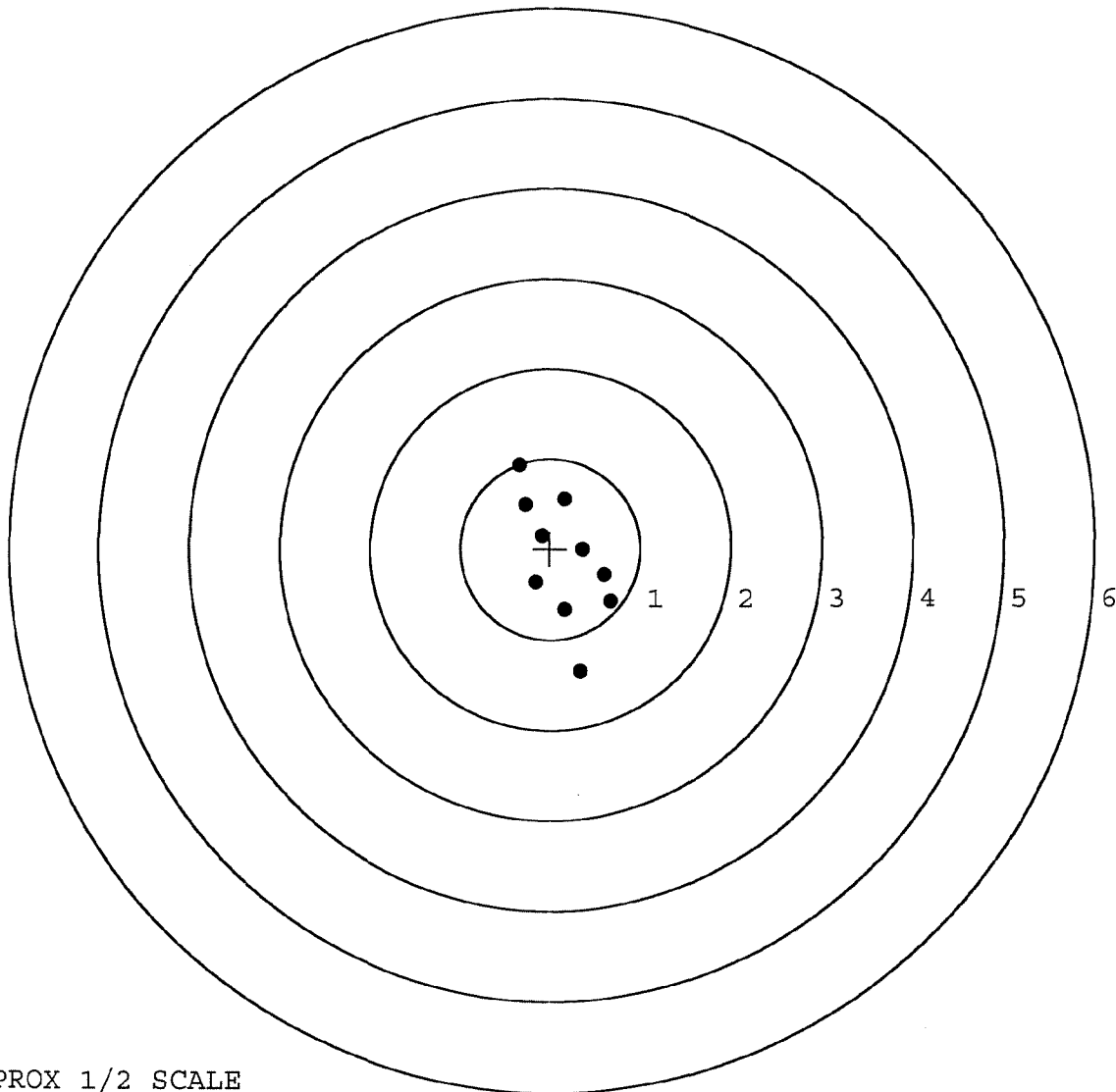


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138.____0
TARGET NUMBER: 5
FILE DATE: 10/01/2002
FILE TIME: 12:33

X CENTROID: 0.143
Y CENTROID: -0.118
POA TO CENTROID: 0.185
HORZ SPREAD: 1.022
VERT SPREAD: 2.283
GROUP SPREAD: 2.383
MIN RADIUS: 0.242
MAX RADIUS: 1.250
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.339	-1.352
2:	0.677	-0.585
3:	0.606	-0.291
4:	0.361	-0.013
5:	0.165	-0.678
6:	-0.162	-0.375
7:	-0.345	0.931
8:	0.154	0.552
9:	-0.281	0.491
10:	-0.087	0.142



TARGET APPROX 1/2 SCALE