

6236278

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: RE00145498

Serial: G6236278 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status: Closed 5/14/2008 10:13:12 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 341 SFG/TRF

341 SFG/TRF

Address 1: 77TH ST SOUTH BLDG 581

77TH ST SOUTH BLDG 581

Address 2:

PO Box:

PO Box:

City: MAMSTROM AFB

MAMSTROM AFB

State: MT

Zip Code: 59402

Country: US

State: MT

Zip Code: 59402

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/14/2008

1:18 PM

CAPS

NUM

TNS

SCA

start

My ...

4 M...

ID M...

Arm...

Part...

Disp...

DMS...

1:18 PM

Number: G6236278

Model: M24 SWS



RE00145498

INSPECTION MAINTENANCE FIRING DATA FOR GROUND WEAPONS					1. WEAPON TYPE: Sniper Weapon MODEL: M-24 CALIBER: .308			2. SERIAL NUMBER G6236278		3. MANUFACTURER Remington	
4. WEAPON LOCATION Malmstrom AFB, Mt. 59402					5. ORGANIZATION 341SFG/TRF						
CONDITION A	ACTION TO BE TAKEN B	REMARKS C	INITIALS D	DATE OF INSP E	CONDITION A	ACTION TO BE TAKEN B	REMARKS C	INITIALS D	DATE OF INSP E		
XX	E	Barrel has reached its Barrel life	JMJ	20080501							
XX	E	Barrel Crown is chipped and pitted	JMJ	20080501							
XX	E	Sling Attachment Holes Need Repaired, they are bored out.	JMJ	20080501							
ABBREVIATIONS FOR CONDITIONS					ABBREVIATIONS FOR ACTION TO BE TAKEN						
V - Satisfactory U - Unserviceable X - Adjustment Required XX - Repair or Replacement Required LP - Lightly Pitted Bore BP - Badly Pitted Bore UP - Unavo Pitted Bore BU - Barrel or Tube Unserviceable due to Conditions other than Pitting					V - Continue in Service A - Corrected at Time of Insp B - To be Corrected by Using Organization C - To be Corrected by Field Maint D - Exchange for Serviceable Item E - Ship as Instructed to Designate Establishments						

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236278.___0
FILE DATE AND TIME: 06/03/2008. 20:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

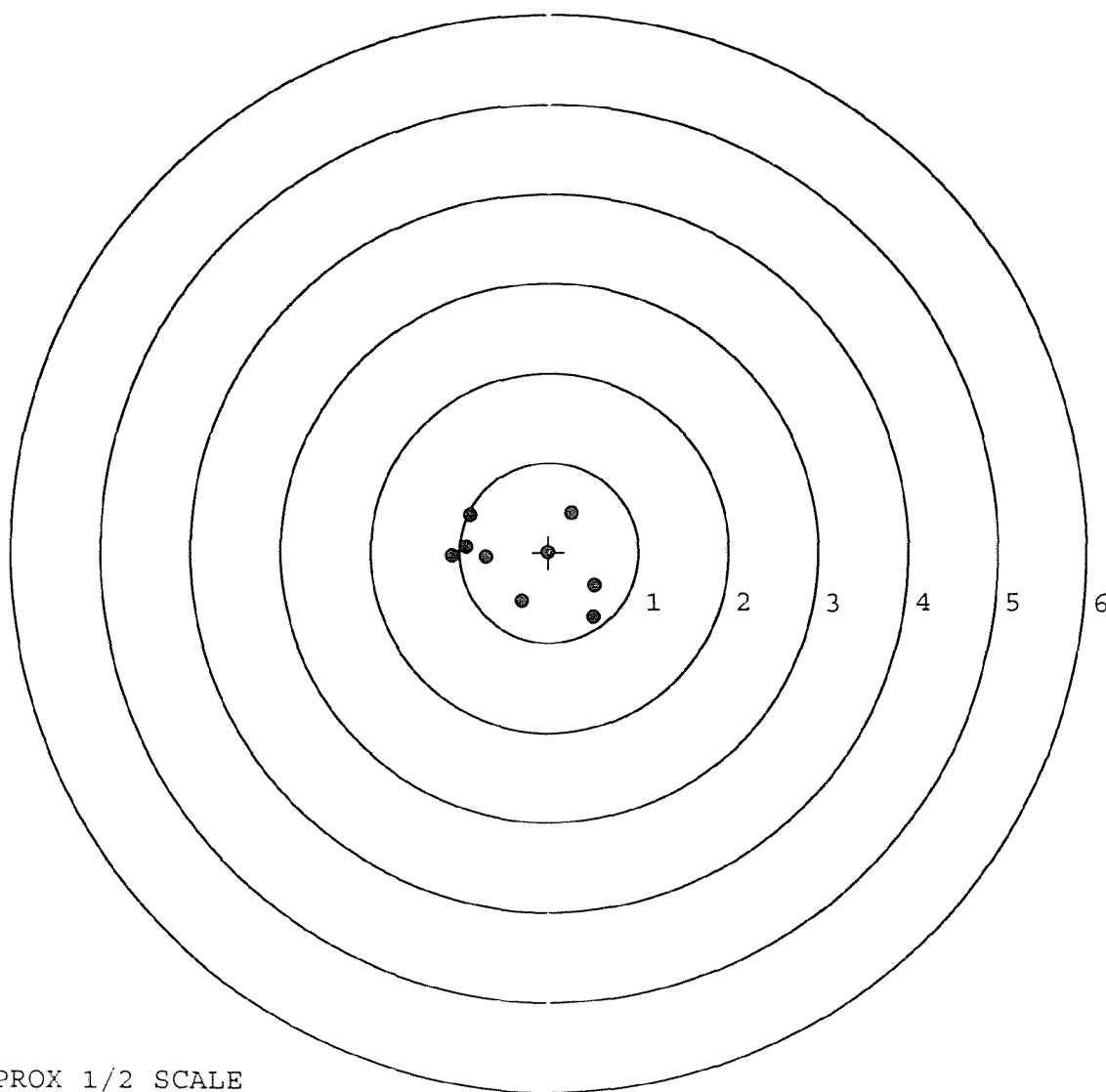
The Average X Centroid of the Five Target Set:	-0.130
The Average Y Centroid of the Five Target Set:	-0.025
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.690
The Distance from POA to Centroid Target #1:	0.279
The Distance from Centroid Target #2 to Centroid Target #1:	0.208
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.147
The Distance from Centroid Target #5 to Centroid Target #1:	0.293

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 1
FILE DATE: 06/03/2008
FILE TIME: 20:48

X CENTROID: -0.265
Y CENTROID: -0.086
POA TO CENTROID: 0.279
HORZ SPREAD: 1.590
VERT SPREAD: 1.160
GROUP SPREAD: 1.786
MIN RADIUS: 0.272
MAX RADIUS: 0.993
MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.007	0.001
2:	-0.007	0.001
3:	0.257	0.434
4:	-0.885	0.409
5:	-0.705	-0.061
6:	-0.924	0.054
7:	-1.080	-0.050
8:	-0.303	-0.542
9:	0.510	-0.379
10:	0.494	-0.726



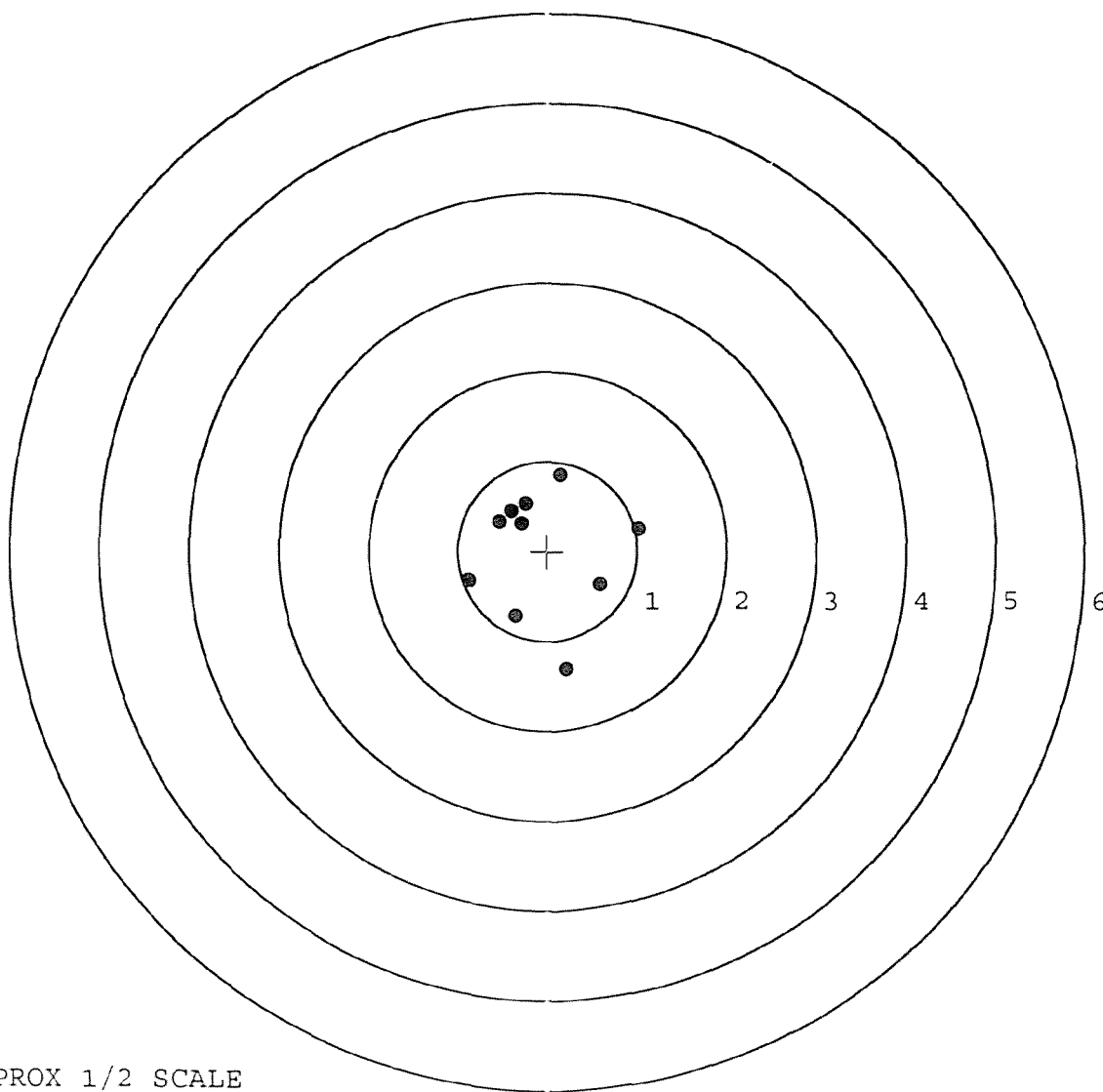
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 2
FILE DATE: 06/03/2008
FILE TIME: 20:48

X CENTROID: -0.074
Y CENTROID: -0.003
POA TO CENTROID: 0.074
HORZ SPREAD: 1.893
VERT SPREAD: 2.164
GROUP SPREAD: 2.165
MIN RADIUS: 0.377
MAX RADIUS: 1.345
MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.153	0.847
2:	-0.244	0.528
3:	-0.287	0.308
4:	-0.538	0.327
5:	-0.878	-0.329
6:	-0.358	-0.726
7:	0.588	-0.374
8:	1.015	0.252
9:	0.214	-1.317
10:	-0.406	0.452



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. 0

TARGET NUMBER: 3

FILE DATE: 06/03/2008

FILE TIME: 20:48

X CENTROID: -0.177

Y CENTROID: -0.042

POA TO CENTROID: 0.182

HORZ SPREAD: 1.922

VERT SPREAD: 2.171

GROUP SPREAD: 2.171

MIN RADIUS: 0.206

MAX RADIUS: 1.117

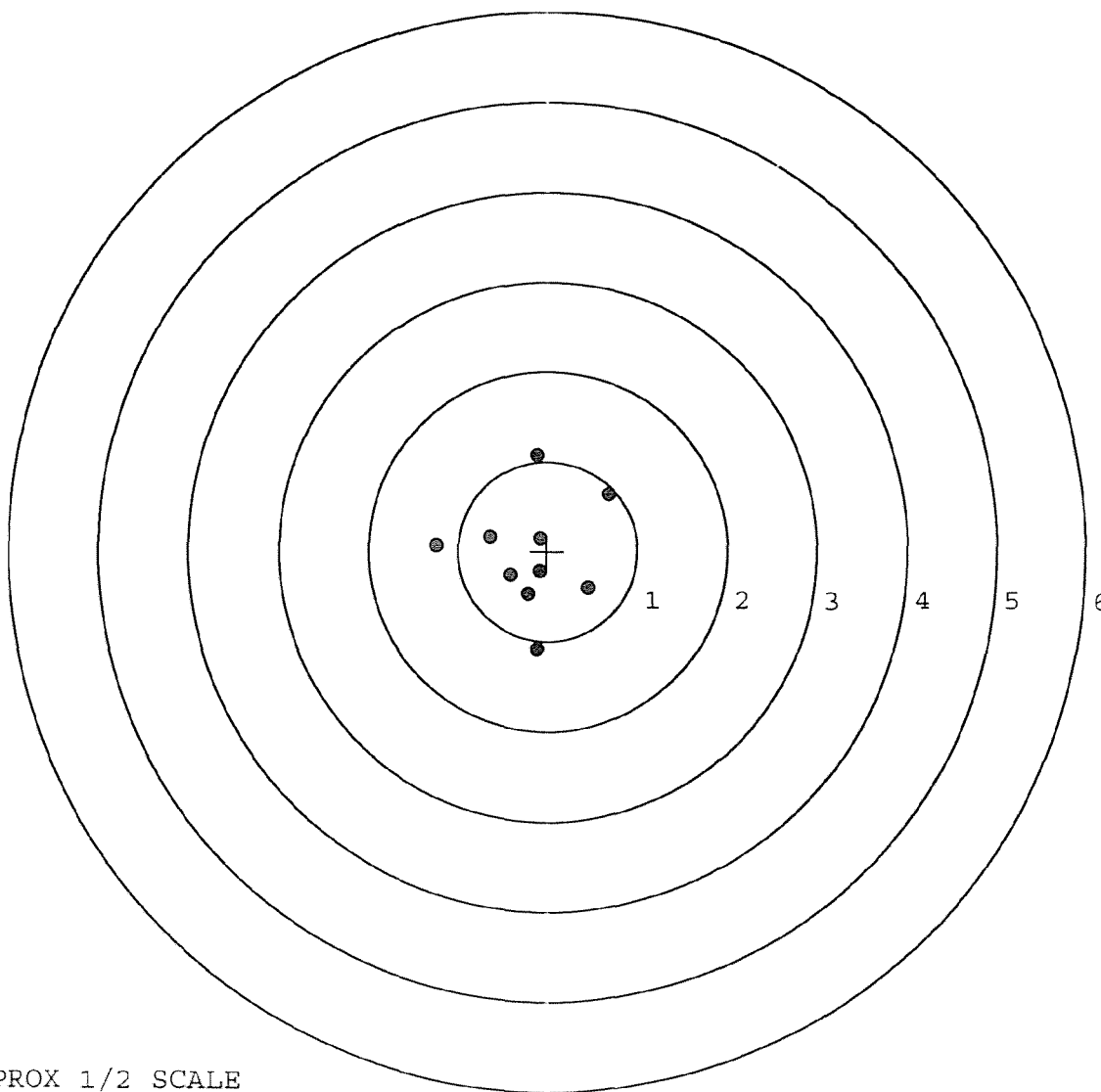
MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.240	0.066
2:	-0.643	0.157
3:	-0.077	0.146
4:	-0.086	-0.227
5:	-0.217	-0.480
6:	0.455	-0.416
7:	-0.117	-1.098
8:	0.682	0.629
9:	-0.111	1.073
10:	-0.412	-0.270

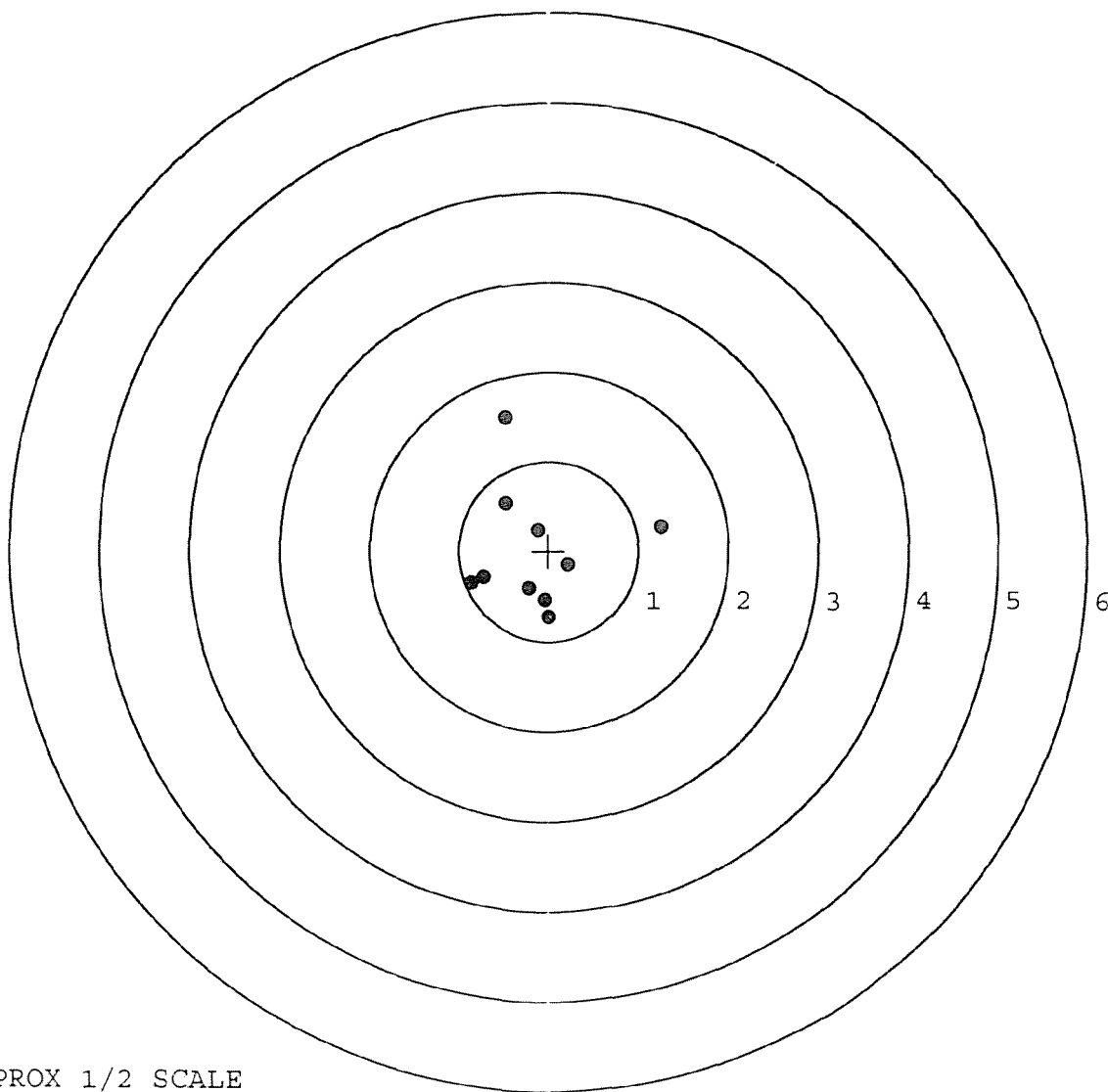


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 4
FILE DATE: 06/03/2008
FILE TIME: 20:48

POINT#	X	Y
1:	-0.485	1.492
2:	-0.475	0.531
3:	-0.126	0.231
4:	0.215	-0.157
5:	1.250	0.271
6:	0.005	-0.735
7:	-0.225	-0.415
8:	-0.040	-0.549
9:	-0.724	-0.296
10:	-0.865	-0.363

X CENTROID: -0.147
Y CENTROID: 0.001
POA TO CENTROID: 0.147
HORZ SPREAD: 2.115
VERT SPREAD: 2.227
GROUP SPREAD: 2.280
MIN RADIUS: 0.231
MAX RADIUS: 1.529
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

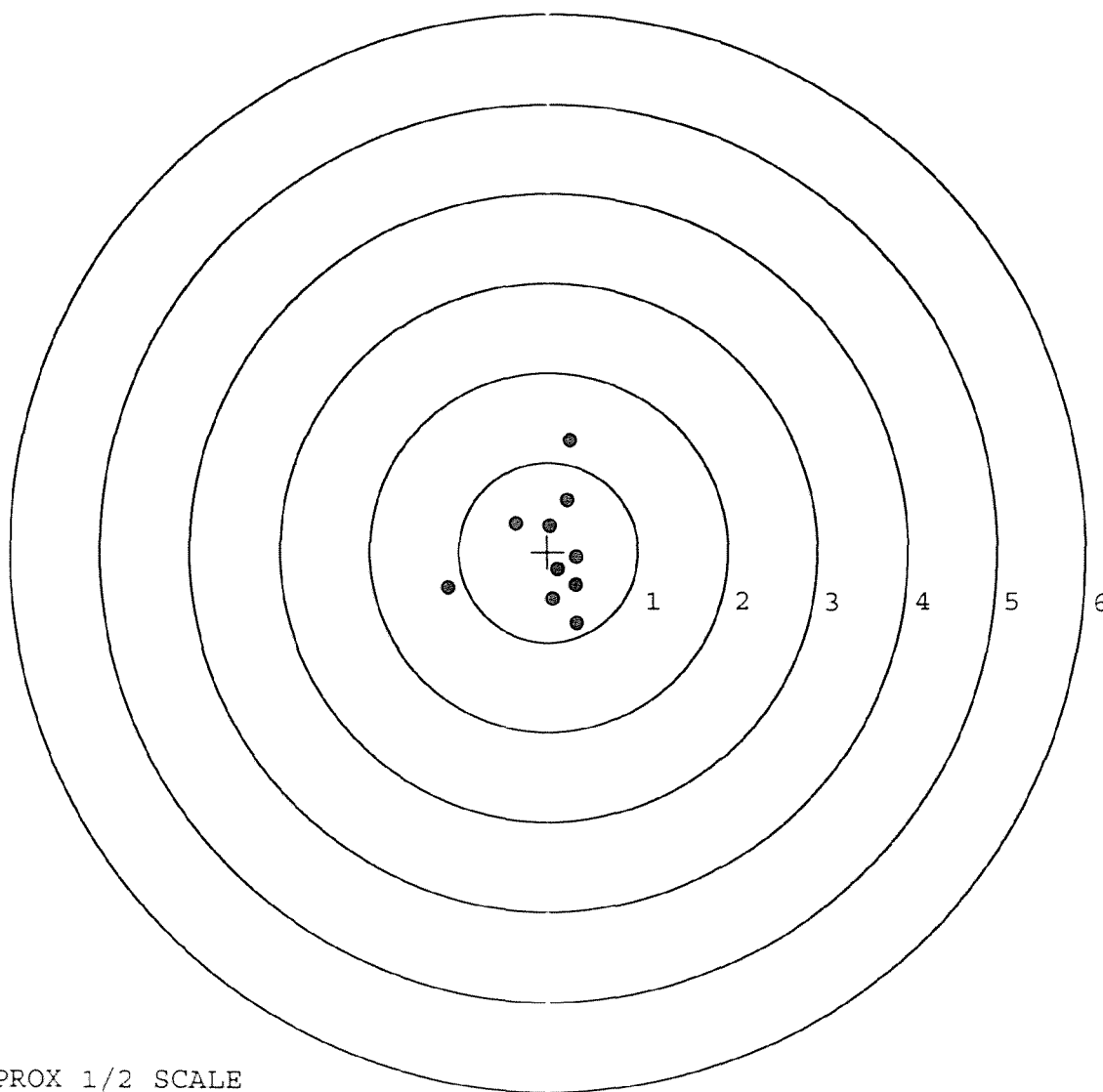


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. 0
TARGET NUMBER: 5
FILE DATE: 06/03/2008
FILE TIME: 20:48

X CENTROID: 0.013
Y CENTROID: 0.004
POA TO CENTROID: 0.014
HORZ SPREAD: 1.445
VERT SPREAD: 2.044
GROUP SPREAD: 2.145
MIN RADIUS: 0.225
MAX RADIUS: 1.262
MEAN RADIUS: 0.627
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.247	1.244
2:	0.219	0.575
3:	0.025	0.287
4:	-0.361	0.315
5:	-1.122	-0.407
6:	0.109	-0.200
7:	0.322	-0.061
8:	0.058	-0.531
9:	0.314	-0.380
10:	0.323	-0.800



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	145498				
SERIAL NUMBER	G6236278				
LOG-IN DATE	5-14-08				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		5-15-08	RTZ	
505	RE-BARREL		5-16-08	RTZ	
420	ASSEMBLE		5-16-08	RTZ	
440	PROOF	MAGNA - FLUX 2108	5-16-08	TRW	
460	CHECK HEADSPACE		5-16-08	TRW	
470	DIS-ASSEMBLE GUN		5-16-08	RTZ	
480	MAGNAFLUX	OPERATOR <i>mmf</i>	5/23/08	mmf	
510	DRILL AND TAP		5-16-08	TRW	
500	ROLLMARK CALIBER		5-19-08	CW	
520	GOFF BLAST BBL / REC		5-22-08	DG	
530 & 540	APPLY COATINGS		5-31-08	CW	
560	FINAL ASSEMBLY		6-2-08	RTZ	
640	FUNCTION TEST AND	(PASS) FAIL	6-3-08	SD	
650	TARGET	(PASS) FAIL	6-3-08	SD	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		N/A	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	6-3-08	RP	
670	FINAL INSPECTION		6-6-08	RTZ	
	A) HEADSPACE	(PASS) FAIL	6-6-08	RTZ	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	267 266 268 274 271 6-6-08		RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6-0 6-0 6-0 6-6-08		RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2-0 2-0 2-0 6-6-08		RTZ
	I) FIRING PIN INDENT	.020	021 021 021 6-6-08		RTZ
690	PACK		10/6/08	FM	

F006 REV 5/2006

$$\begin{array}{r}
 12 \quad 15 \\
 \hline
 16 \overline{) 207} \\
 \underline{16} \\
 47 \\
 \underline{32} \\
 15
 \end{array}$$

$$\begin{array}{r}
 11-9 \\
 \hline
 18 \overline{) 207} \\
 \underline{18} \\
 27 \\
 \underline{18}
 \end{array}$$

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 registration sticker



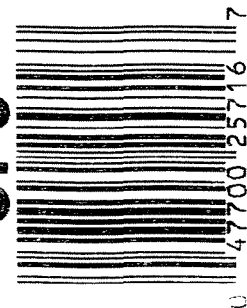
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236278

UPC



46 FORM

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

Remington®

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

Made in Union, N.Y. Reg. U.S. Pat. & Tm. Off. Marca Registrada Parque Dapace.

SERIAL NO. **66236278**
ORDER NO. **25716**

46

06XW

5716 66236278

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66236278

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/21/02	RL
600	PROOF		9-4-02	AC
607	CHECK HEADSPACE		9-4-02	AC
610	DIS-ASSEMBLE GUN	INSPECTED	9/13/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		9/5	RL
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		10-21-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-21-02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-21-02	DA
	D) OIL FIRING PIN ASSEMBLY		10-21-02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12-2-02	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	10-23-02	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	10-23-02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		12-2-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	10-23-02	DA
	J) ASSEMBLE STOCK		10/22/02	RL
	K) ASSEMBLE SWIVEL STUDS		12-2-02	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	10-23-02	RL
	MALFUNCTION	CORRECTION	10-22-02	RL
	MALFUNCTION	CORRECTION	10-22-02	RL
	MALFUNCTION	CORRECTION	10-22-02	RL
	MALFUNCTION	CORRECTION	10-22-02	RL
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>2.77</u> <u>2.77</u> <u>2.81</u> <u>2.81</u> <u>2.78</u>	10-23-02	DA
	C) FUNCTION		12-2-02	RL
660	PACK		10-3-02	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236278.__0
FILE DATE AND TIME: 10/23/2002 21:58

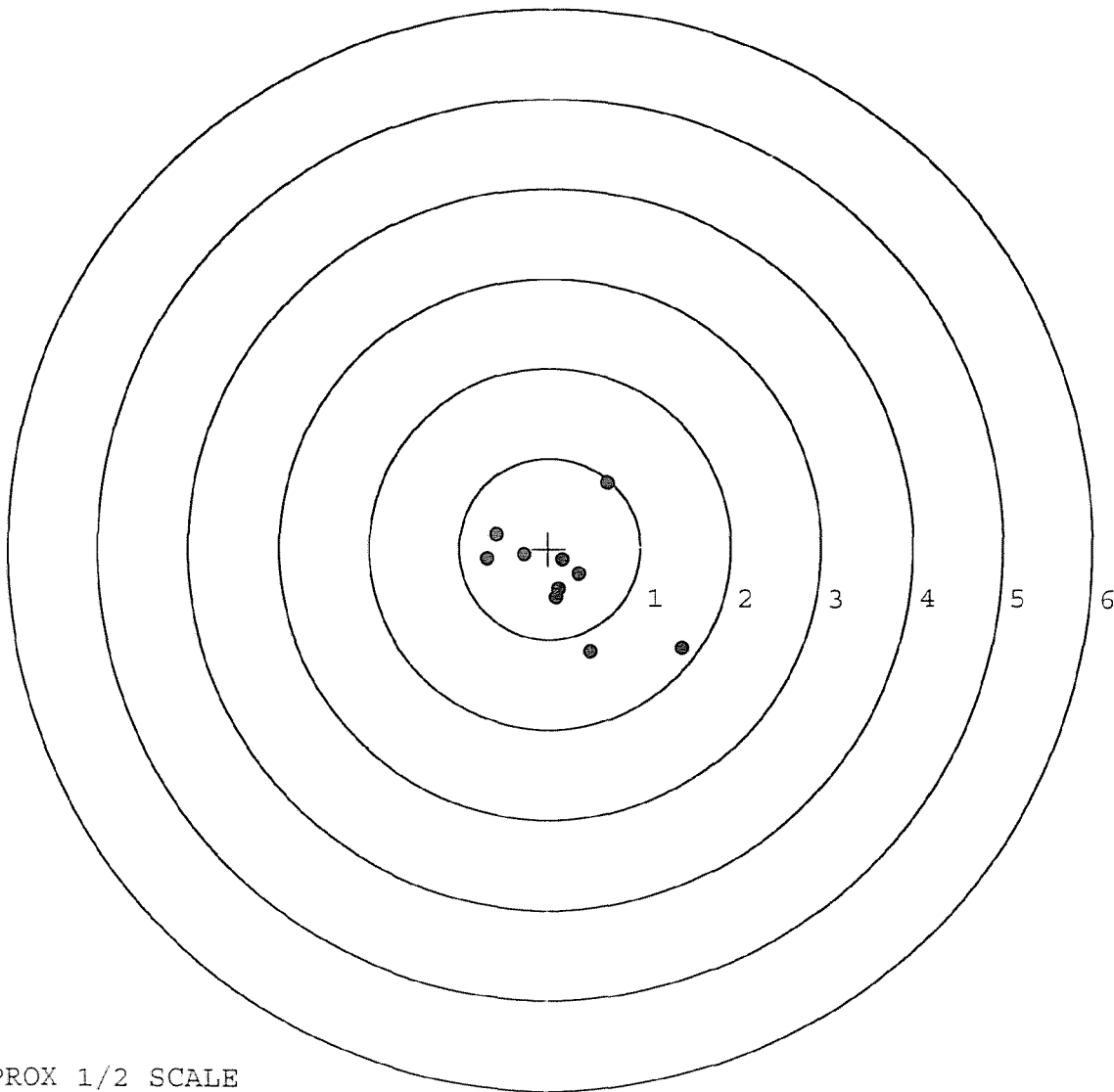
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.091
The Average Y Centroid of the Five Target Set:	-0.129
The Average Point of Impact of the Five Target Set:	0.158
The Average Mean Radius of the Five Target Set:	0.784
The Distance from POA to Centroid Target #1:	0.342
The Distance from Centroid Target #2 to Centroid Target #1:	0.342
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.366
The Distance from Centroid Target #5 to Centroid Target #1:	0.068

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 1
FILE DATE: 10/23/2002
FILE TIME: 21:58

X CENTROID: 0.170
Y CENTROID: -0.297
POA TO CENTROID: 0.342
HORZ SPREAD: 2.153
VERT SPREAD: 1.874
GROUP SPREAD: 2.418
MIN RADIUS: 0.161
MAX RADIUS: 1.536
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.471	-1.113
2:	0.465	-1.146
3:	0.634	0.728
4:	-0.593	0.147
5:	-0.682	-0.122
6:	-0.278	-0.071
7:	0.151	-0.122
8:	0.331	-0.282
9:	0.111	-0.447
10:	0.085	-0.545



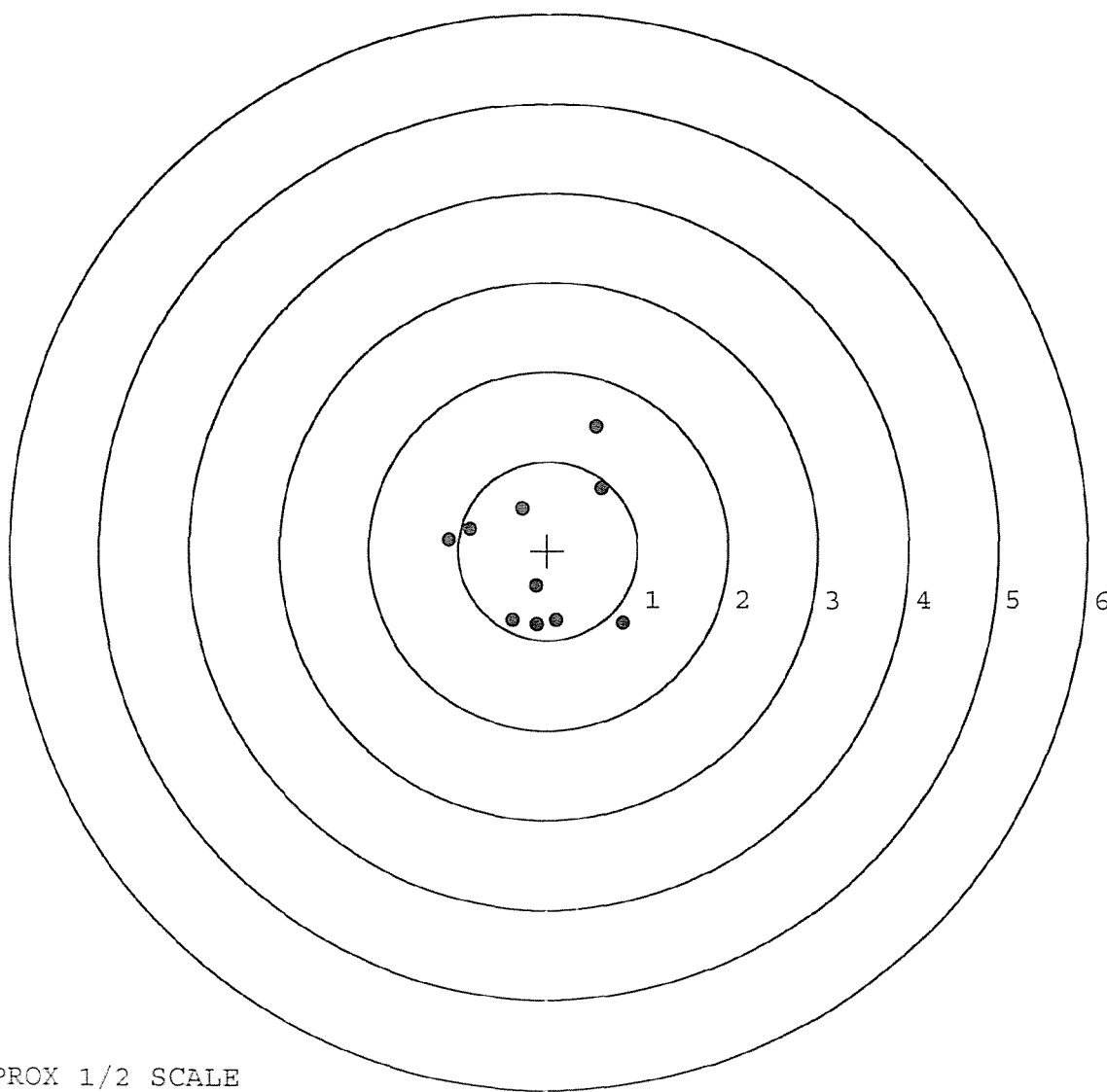
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. 0
TARGET NUMBER: 2
FILE DATE: 10/23/2002
FILE TIME: 21:58

X CENTROID: -0.086
Y CENTROID: -0.070
POA TO CENTROID: 0.111
HORZ SPREAD: 1.939
VERT SPREAD: 2.214
GROUP SPREAD: 2.350
MIN RADIUS: 0.330
MAX RADIUS: 1.575
MEAN RADIUS: 0.885

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.837	-0.815
2:	0.593	0.699
3:	0.527	1.381
4:	-0.293	0.475
5:	-0.872	0.235
6:	-1.102	0.119
7:	-0.133	-0.397
8:	0.098	-0.784
9:	-0.121	-0.833
10:	-0.391	-0.782



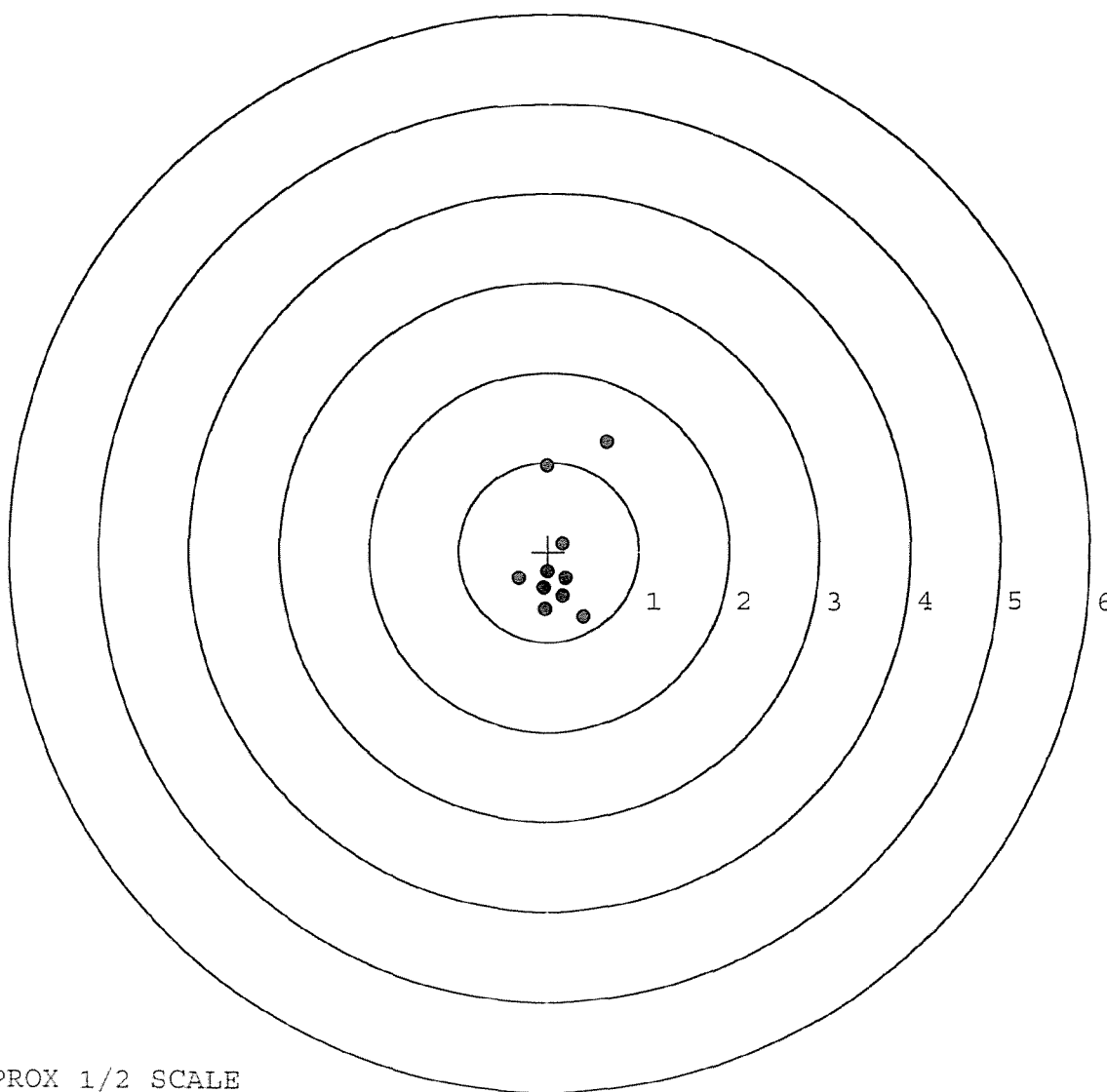
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 3
FILE DATE: 10/23/2002
FILE TIME: 21:58

X CENTROID: 0.107
Y CENTROID: -0.082
POA TO CENTROID: 0.134
HORZ SPREAD: 0.968
VERT SPREAD: 1.958
GROUP SPREAD: 1.991
MIN RADIUS: 0.181
MAX RADIUS: 1.412
MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.641	1.226
2:	-0.024	0.962
3:	0.158	0.092
4:	-0.327	-0.294
5:	-0.044	-0.643
6:	0.393	-0.732
7:	0.189	-0.298
8:	-0.020	-0.226
9:	-0.056	-0.404
10:	0.159	-0.498



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. __0

TARGET NUMBER: 4

FILE DATE: 10/23/2002

FILE TIME: 21:58

X CENTROID: 0.156

Y CENTROID: 0.068

POA TO CENTROID: 0.170

HORZ SPREAD: 1.987

VERT SPREAD: 2.211

GROUP SPREAD: 2.662

MIN RADIUS: 0.113

MAX RADIUS: 1.459

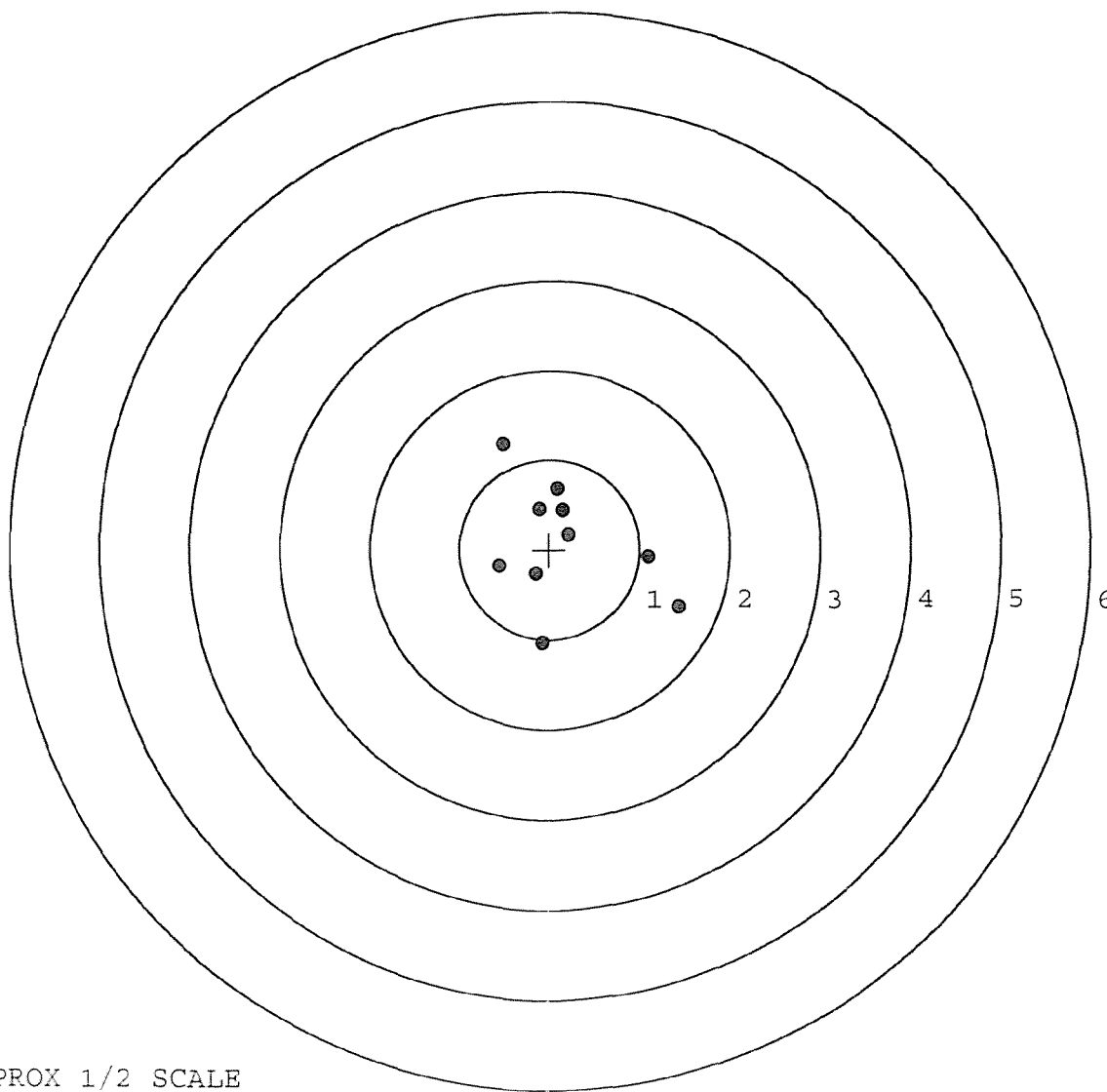
MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.431	-0.642
2:	1.094	-0.081
3:	-0.078	-1.041
4:	-0.151	-0.270
5:	-0.556	-0.187
6:	0.212	0.166
7:	0.150	0.438
8:	-0.114	0.451
9:	0.092	0.678
10:	-0.519	1.170

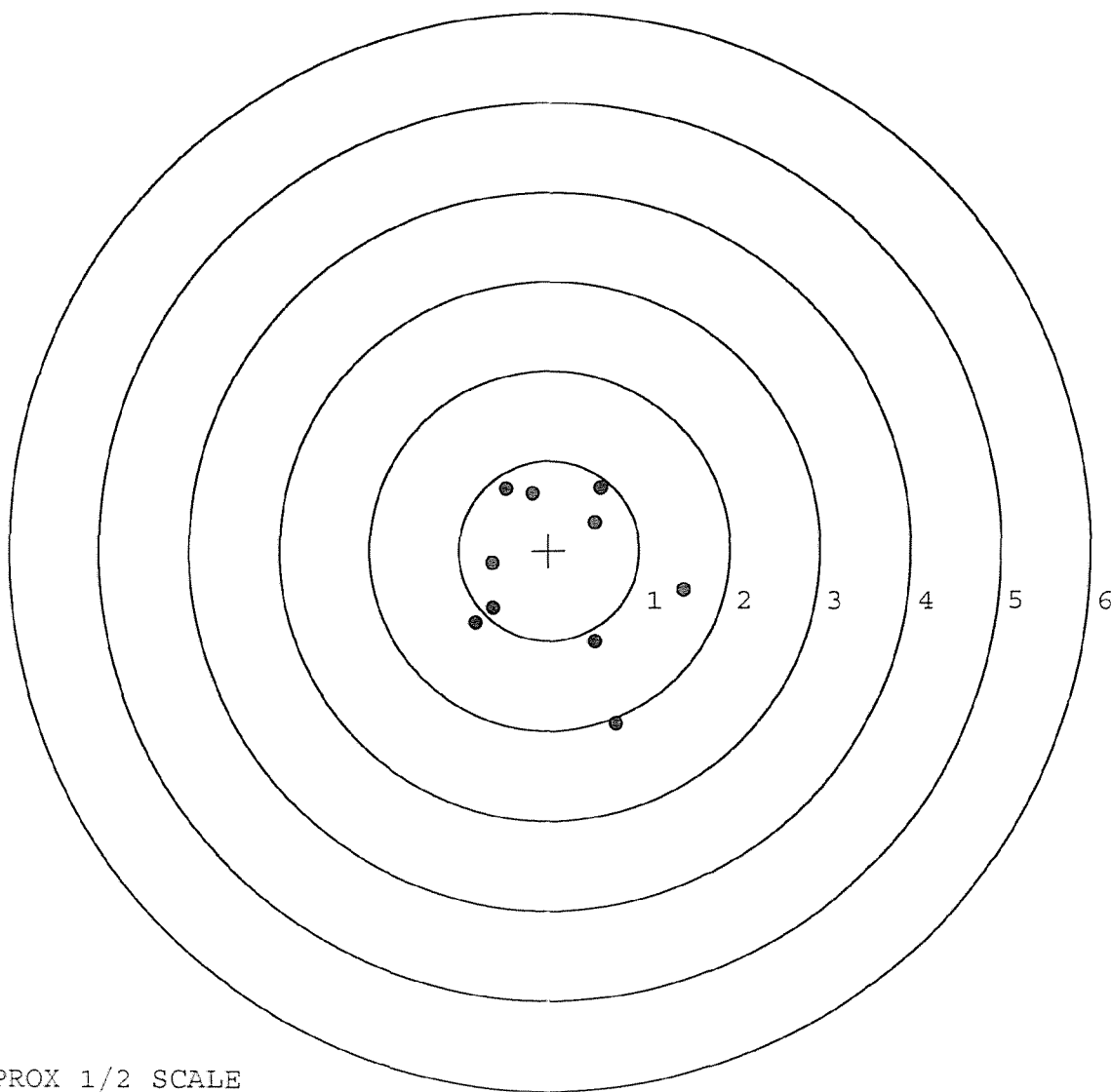


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236278. __0
TARGET NUMBER: 5
FILE DATE: 10/23/2002
FILE TIME: 21:58

X CENTROID: 0.109
Y CENTROID: -0.266
POA TO CENTROID: 0.287
HORZ SPREAD: 2.306
VERT SPREAD: 2.629
GROUP SPREAD: 2.897
MIN RADIUS: 0.698
MAX RADIUS: 1.785
MEAN RADIUS: 1.052
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.747	-1.933
2:	0.518	-1.016
3:	1.489	-0.445
4:	-0.817	-0.808
5:	-0.624	-0.644
6:	-0.629	-0.143
7:	0.508	0.307
8:	0.573	0.696
9:	-0.193	0.637
10:	-0.481	0.691



TARGET APPROX 1/2 SCALE

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

SERIAL NO. _____

DATE 10-22-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.28		2.34	MIN. SETTING,
PULL #2	2.30	2.32		2.43	NO AVG. OF 5
PULL #3	2.30	2.31		2.33	READINGS ACCEPT-
PULL #4	2.28	2.30		2.28	ABLE LESS THAN 2
PULL #5	2.31	2.31		2.27	
TOTAL	11.52	11.52		11.65	
AVG.	2.30	2.30		2.33	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.26		
PULL #2	3.33	3.32		
PULL #3	3.12	3.31		
PULL #4	3.16	3.33		
PULL #5	3.24	3.27		
TOTAL	16.17	16.49		
AVG.	3.23	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.14	4.14		4.07
PULL #2	4.21	4.23		4.13
PULL #3	4.22	4.24		4.11
PULL #4	4.19	4.21		4.10
PULL #5	4.21	4.16		4.15
TOTAL	20.97	20.98		20.56
AVG.	4.19	4.19		4.11