

G 657 72226
Replaced
G 628 5978

Repair Inquiry

Repair Number: RE00113234

Serial: G6285978 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Verify Repair

Status:

Closed 6/5/2006 1:19:46 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT

NATIONAL GUARD MARKSMANSHIP TNG UNIT

Address 1: BLDG 4900 CAMP J T ROBINSON

BLDG 4900 CAMP J T ROBINSON

Address 2: ATTN TSGT SEAN WALLACE

PO Box:

ATTN TSGT SEAN WALLACE

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

6/6/2006

7:54 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:54 AM

G6577226 (New)

G6285978

Serial Number: G6285978

Model: M24 SWS

RE00113234

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577226.___0
FILE DATE AND TIME: 07/14/2006 17:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.060
The Distance from Centroid Target #2 to Centroid Target #1:	0.141
The Distance from Centroid Target #3 to Centroid Target #1:	0.167
The Distance from Centroid Target #4 to Centroid Target #1:	0.164
The Distance from Centroid Target #5 to Centroid Target #1:	0.177

SERIAL NUMBER: G6577226. 0

TARGET NUMBER: 1

FILE DATE: 07/14/2006

FILE TIME: 17:25

POINT#	X	Y
1:	-0.792	0.724
2:	-0.787	0.082
3:	-1.077	-0.070
4:	-0.021	-1.082
5:	-0.232	-0.225
6:	0.326	-0.217
7:	0.804	-0.216
8:	0.525	0.364
9:	0.283	0.202
10:	0.560	-0.004

X CENTROID: -0.041

Y CENTROID: -0.044

POA TO CENTROID: 0.060

HORZ SPREAD: 1.881

VERT SPREAD: 1.806

GROUP SPREAD: 1.964

MIN RADIUS: 0.263

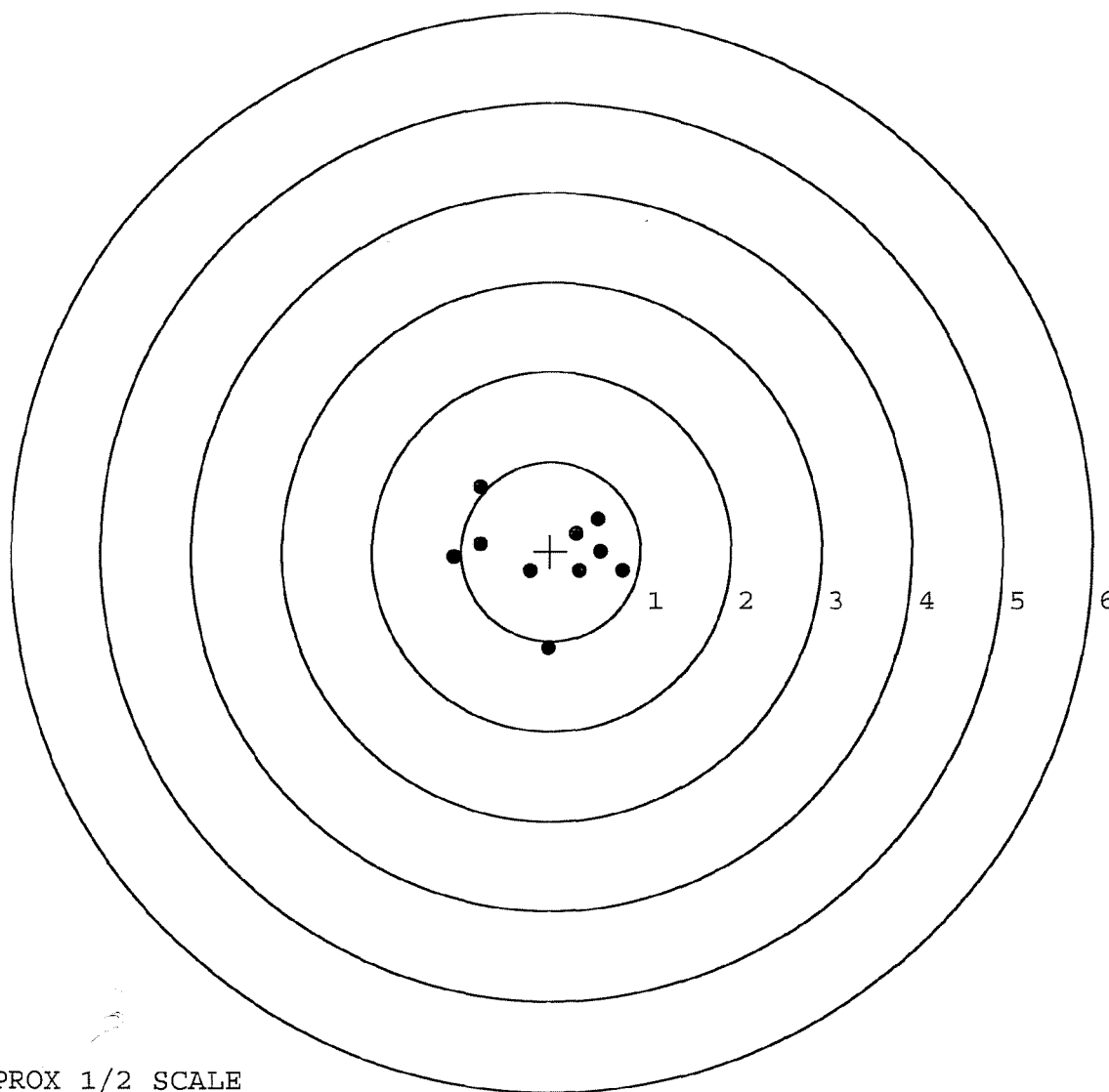
MAX RADIUS: 1.074

MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

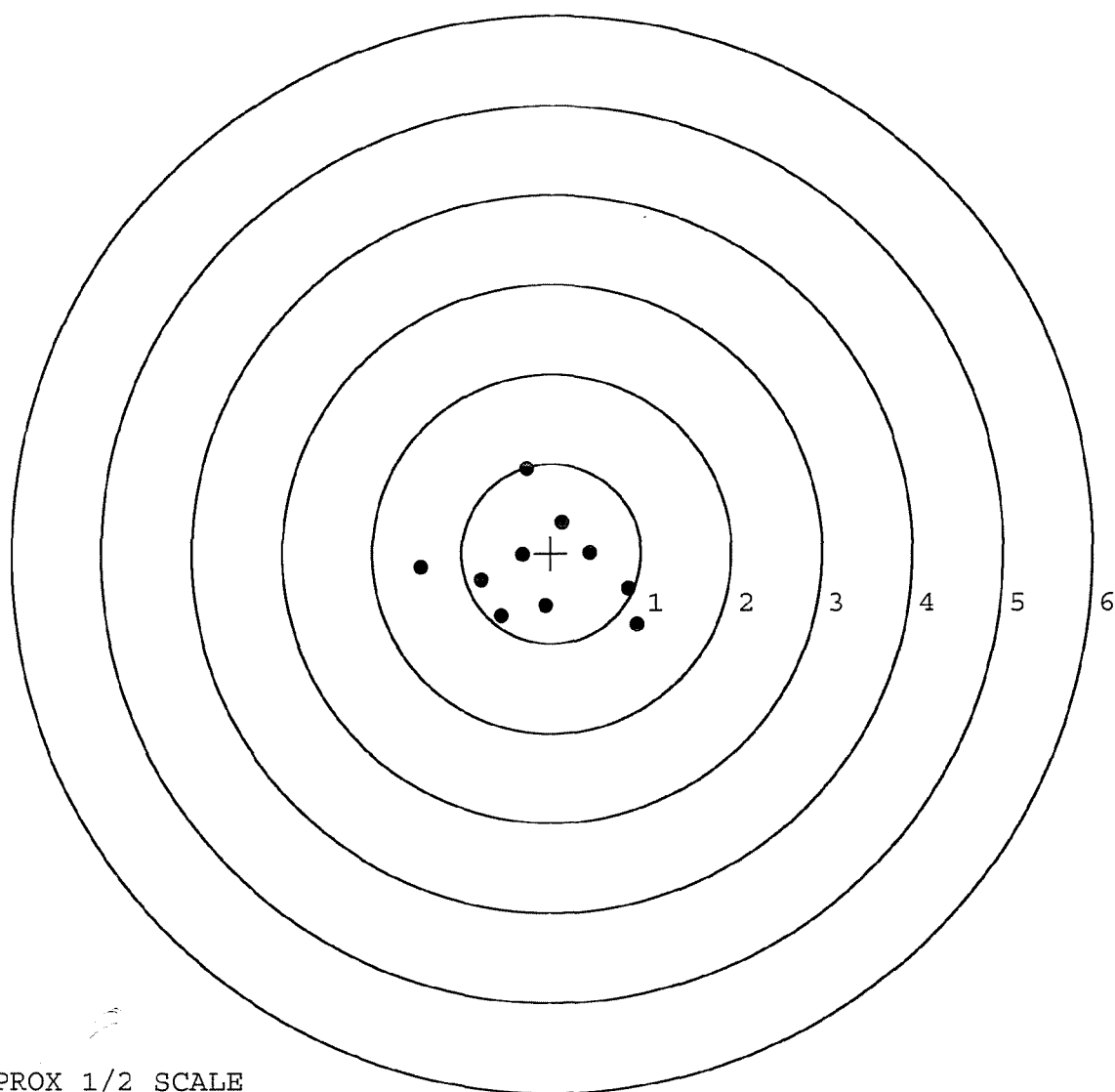


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577226. __0
TARGET NUMBER: 2
FILE DATE: 07/14/2006
FILE TIME: 17:25

X CENTROID: -0.106
Y CENTROID: -0.169
POA TO CENTROID: 0.200
HORZ SPREAD: 2.414
VERT SPREAD: 1.745
GROUP SPREAD: 2.494
MIN RADIUS: 0.259
MAX RADIUS: 1.351
MEAN RADIUS: 0.791
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.274	0.946
2:	-1.457	-0.173
3:	-0.778	-0.301
4:	-0.319	-0.021
5:	0.124	0.342
6:	0.439	0.008
7:	-0.559	-0.704
8:	-0.063	-0.589
9:	0.865	-0.398
10:	0.957	-0.799



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577226. __0

TARGET NUMBER: 3

FILE DATE: 07/14/2006

FILE TIME: 17:25

POINT#	X	Y
1:	-1.060	0.035
2:	-0.329	0.199
3:	-0.507	0.444
4:	-0.344	0.713
5:	0.287	0.826
6:	-0.109	-0.295
7:	-0.286	-0.537
8:	0.008	-0.432
9:	0.083	-0.699
10:	0.181	-0.824

X CENTROID: -0.208

Y CENTROID: -0.057

POA TO CENTROID: 0.215

HORZ SPREAD: 1.347

VERT SPREAD: 1.650

GROUP SPREAD: 1.653

MIN RADIUS: 0.258

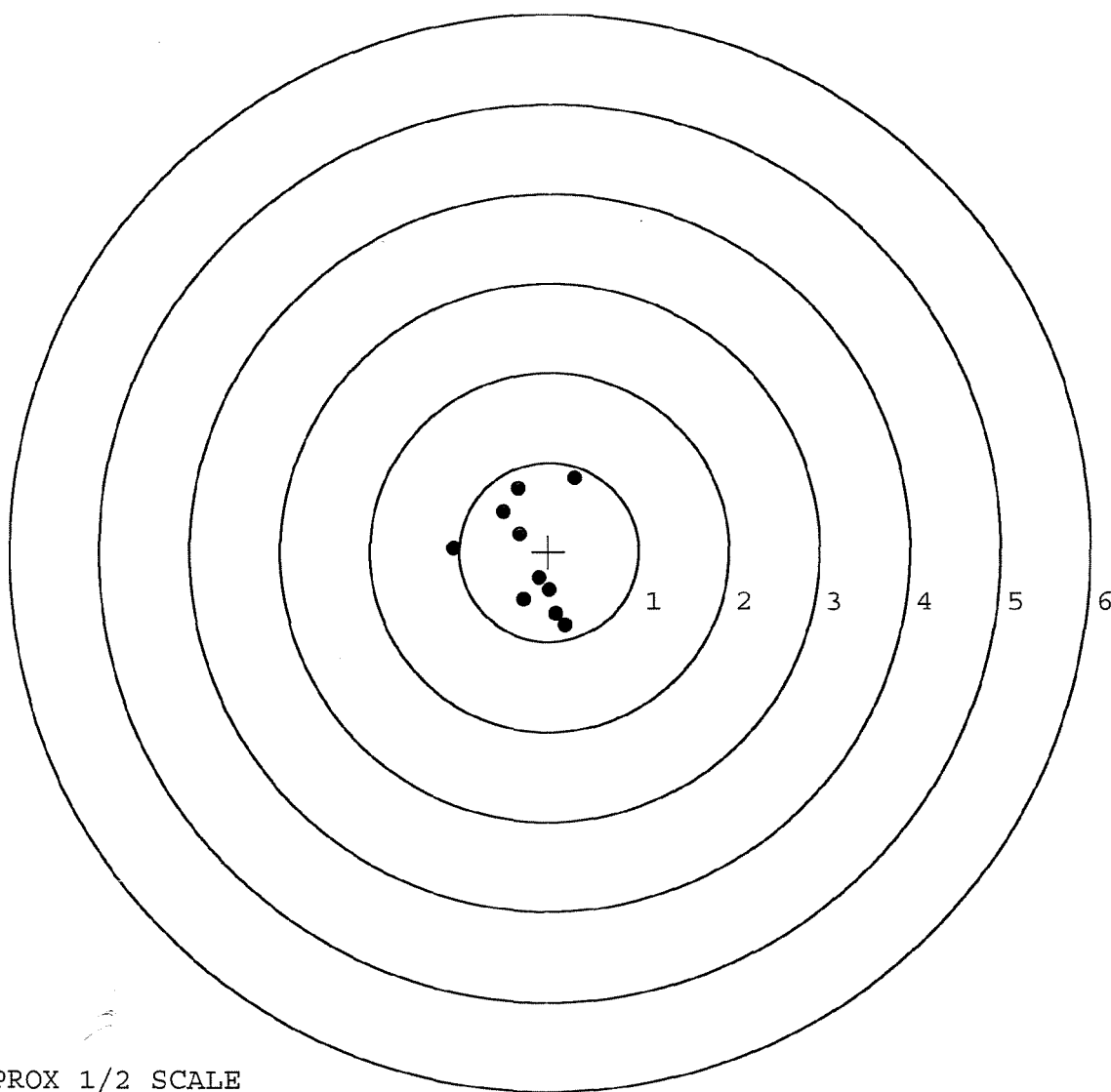
MAX RADIUS: 1.012

MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

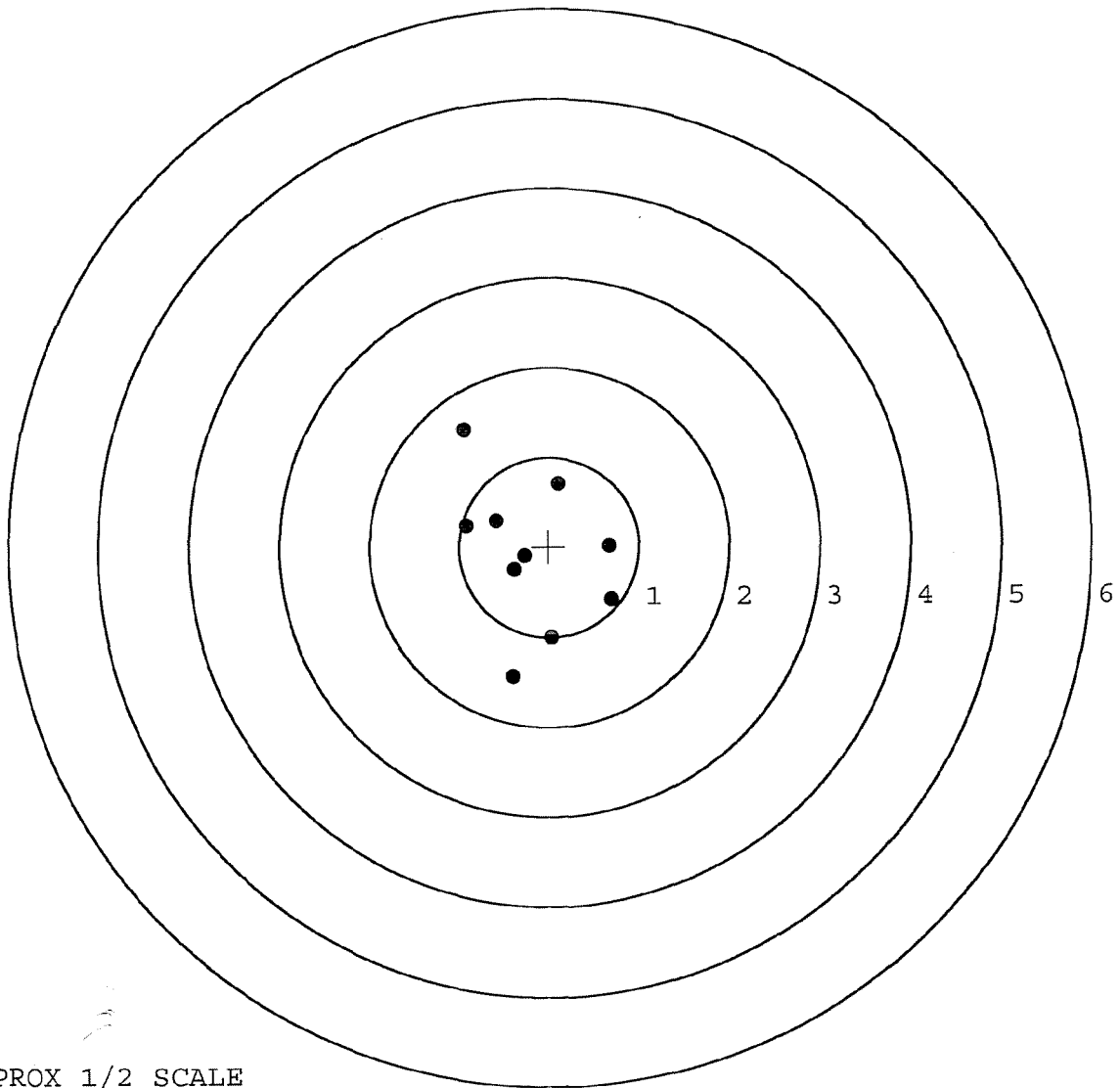


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577226. 0
TARGET NUMBER: 4
FILE DATE: 07/14/2006
FILE TIME: 17:25

X CENTROID: -0.200
Y CENTROID: -0.088
POA TO CENTROID: 0.218
HORZ SPREAD: 1.650
VERT SPREAD: 2.750
GROUP SPREAD: 2.805
MIN RADIUS: 0.075
MAX RADIUS: 1.586
MEAN RADIUS: 0.833
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.399	-1.441
2:	0.033	-1.012
3:	0.698	-0.593
4:	0.680	0.007
5:	-0.381	-0.264
6:	-0.271	-0.109
7:	-0.926	0.239
8:	-0.588	0.287
9:	0.110	0.701
10:	-0.952	1.309

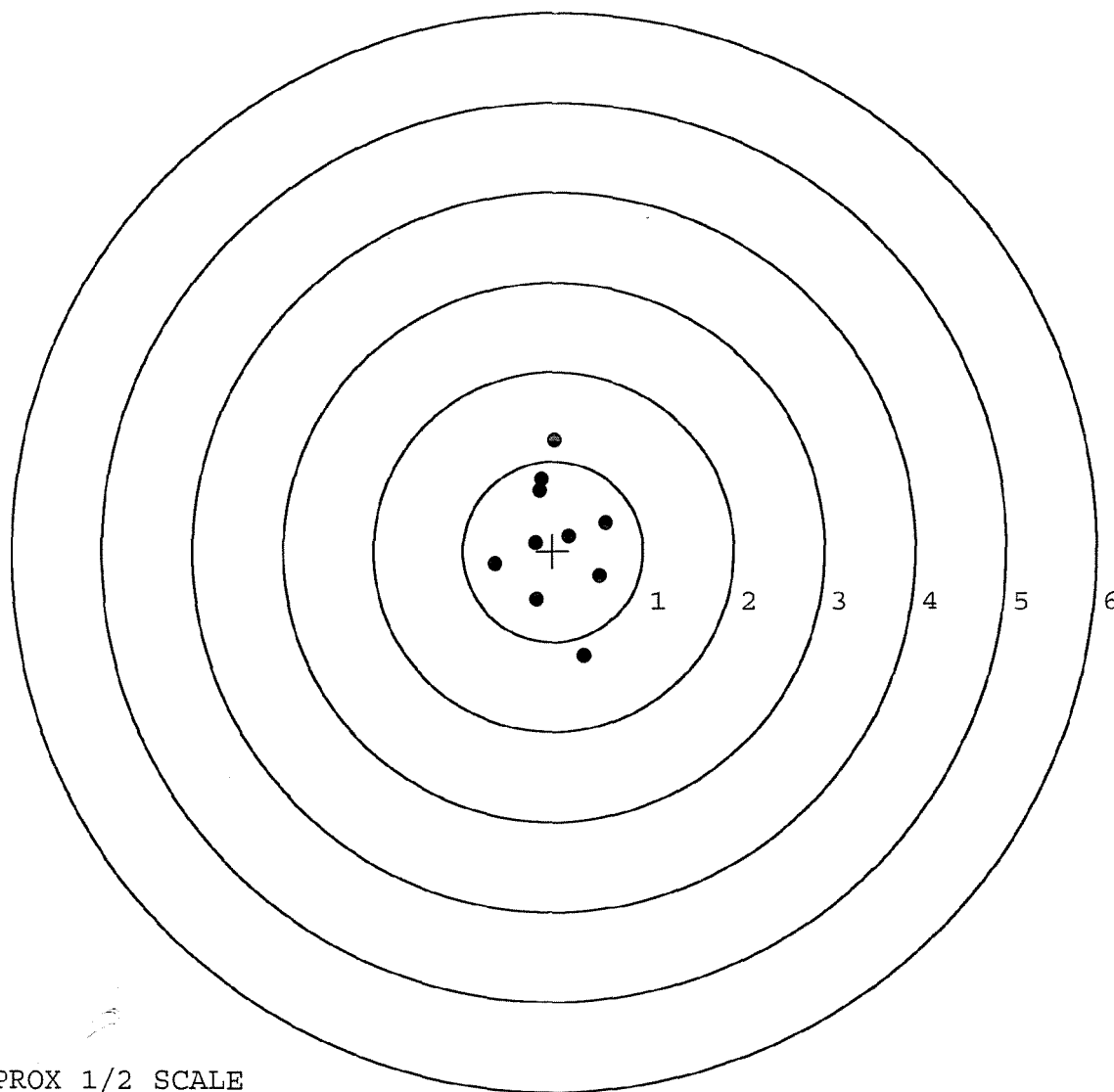


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577226. __0
TARGET NUMBER: 5
FILE DATE: 07/14/2006
FILE TIME: 17:25

X CENTROID: 0.035
Y CENTROID: 0.115
POA TO CENTROID: 0.121
HORZ SPREAD: 1.225
VERT SPREAD: 2.395
GROUP SPREAD: 2.418
MIN RADIUS: 0.152
MAX RADIUS: 1.315
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.019	1.234
2:	-0.132	0.797
3:	-0.147	0.668
4:	0.582	0.314
5:	0.176	0.173
6:	-0.192	0.092
7:	-0.643	-0.144
8:	-0.186	-0.542
9:	0.519	-0.276
10:	0.352	-1.161



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113234			
SERIAL NUMBER	66285978		66577226	
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-5-06	RK
505	RE-BARREL		7-5-06	BLG
560	ASSEMBLE		7-5-06	BLG
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	MTM
605	CHECK HEADSPACE	JUL 06 2006	7-5-06	MTM
610	DIS-ASSEMBLE GUN		7-6-06	BLG
612	MAGNAFLUX	OPERATOR <i>unsub</i>	7/6/06	<i>unsub</i>
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CW
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7/7	HP
625	FINAL ASSEMBLY		7-11-06	BLG
640	FUNCTION TEST AND	PASS FAIL	7-14-06	R.P.W.
650	TARGET	PASS FAIL	7-14-06	R.P.W.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-27-06	AC
	A) HEADSPACE	PASS FAIL	7-27-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.46 2.50 2.41 2.35 2.56 7-17-06	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9.5 7.0 7.0 7-17-06	RA
	G) SAFETY OFF FORCE	2 LBS MAX	2.0 2.0 2.0 7-17-06	RA
	I) FIRING PIN INDENT	.020	.022 .022 .023 7-17-06	RA
690	PACK		8-1-06	RA

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

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. Patent Registered Trademark Deposited

SERIAL NO. **66285978**
ORDER NO. **25716**
DD **09XX**



5716 66285978

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



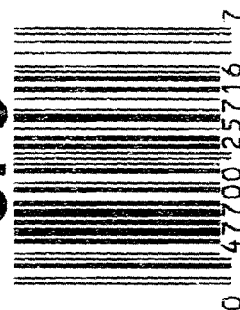
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6285978

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G628 5978

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-6-03	RJL
600	PROOF		1-6-03	RJL
607	CHECK HEADSPACE		1-6-03	RJL
610	DIS-ASSEMBLE GUN		11-7-03	RJL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATIONAL BS	11-7-03	
615	ROLLMARK CALIBER		11-10-03	JB
617	DRILL AND TAP SIGHT HOLES		11-7-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-18-03	RJL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-18-03	RJL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-18-03	RJL
	D) OIL FIRING PIN ASSEMBLY		11-18-03	RJL
	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>6</u> <u>5</u> <u>6</u>	<u>12/4/03</u>	<u>RL</u>
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	<u>2/4/03</u>	<u>RL</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.0245</u> <u>.024</u>	<u>12/4/03</u>	<u>RL</u>
	J) ASSEMBLE STOCK		<u>11-18-03</u>	<u>RL</u>
	K) ASSEMBLE SWIVEL STUDS		<u>12-8-03</u>	<u>RL</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>11-18-03</u>	<u>RL</u>
	M) IRON SIGHT ALIGNMENT		<u>11-18-03</u>	<u>RL</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>11-18-03</u>	<u>RL</u>
640	GALLERY TEST AND TARGET	PASS FAIL	<u>12-20-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-20-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-20-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-20-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-20-03</u>	<u>A</u>
645	INSPECT FOR LIVE AMMO		<u>12-20-03</u>	<u>A</u>
655	FINAL INSPECTION A) HEADSPACE		<u>12-8-03</u>	<u>RL</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.37</u> <u>2.43</u> <u>2.44</u> <u>2.56</u>	<u>12/4/03</u>	<u>RL</u>
	C) FUNCTION		<u>12-8-03</u>	<u>RL</u>
660	PACK		<u>12/8/03</u>	<u>RL</u>

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 11-14-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.67	2.45		2.77	
PULL #2	2.77	2.50		2.51	
PULL #3	2.81	2.56		2.56	
PULL #4	2.52	2.50		2.52	
PULL #5	2.74	2.42		2.50	
TOTAL	13.51	12.43		12.86	
AVERAGE	2.70	2.48		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.48		
PULL #2	3.17	3.24		
PULL #3	3.45	3.39		
PULL #4	3.39	3.01		
PULL #5	3.41	3.30		
TOTAL	16.65	16.42		
AVERAGE	3.33	3.28		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.18	3.99		4.38
PULL #2	4.21	4.28		4.31
PULL #3	4.29	4.39		4.06
PULL #4	4.41	4.30		4.05
PULL #5	4.34	4.07		4.31
TOTAL	21.43	21.03		21.11
AVERAGE	4.28	4.20		4.22

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285978.___0

FILE DATE AND TIME: 12/02/2003 11:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

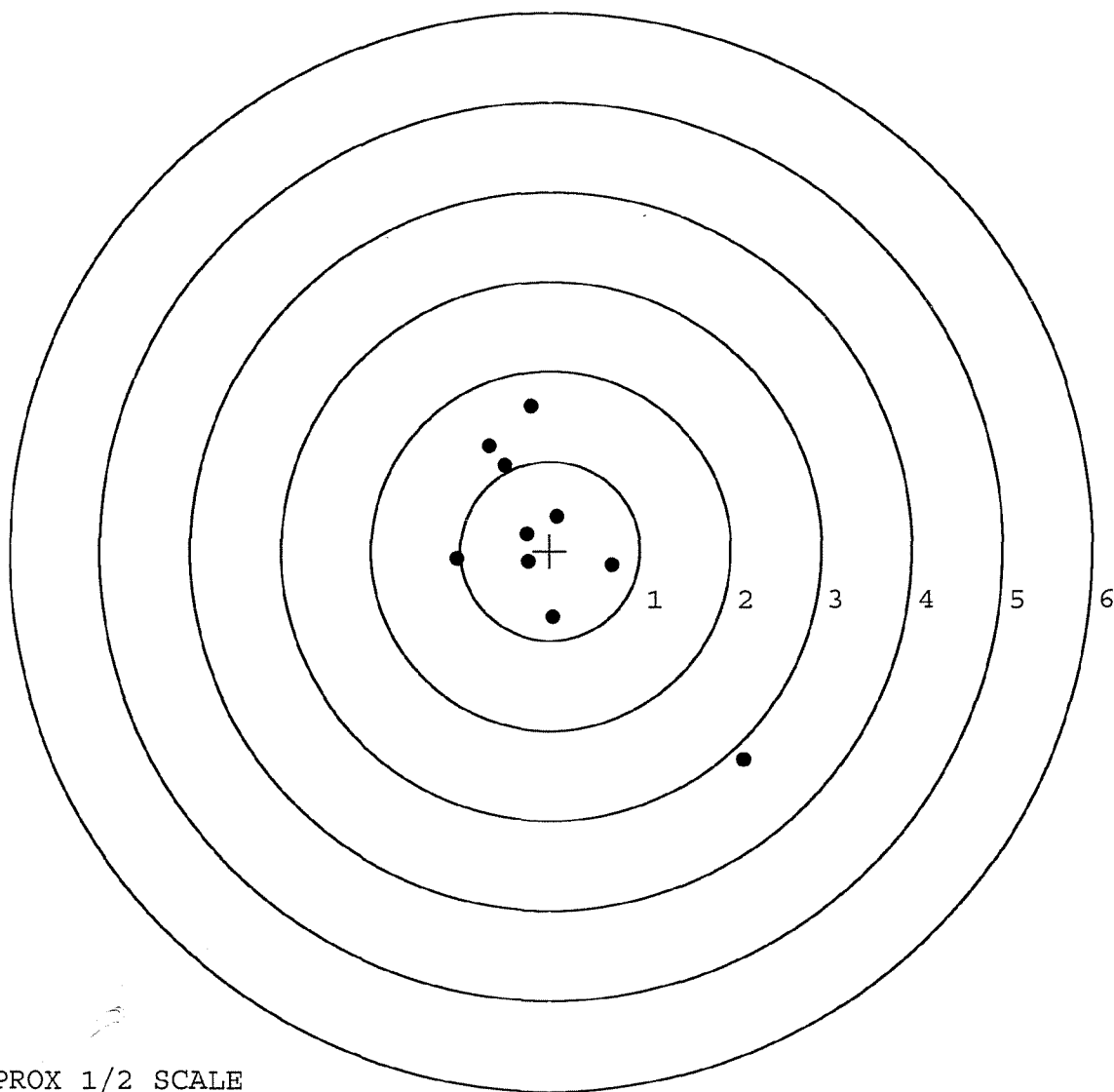
The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	0.058
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.832
The Distance from POA to Centroid Target #1:	0.083
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.123

SERIAL NUMBER: G6285978. __0
TARGET NUMBER: 1
FILE DATE: 12/02/2003
FILE TIME: 11:36

X CENTROID: -0.001
Y CENTROID: 0.083
POA TO CENTROID: 0.083
HORZ SPREAD: 3.183
VERT SPREAD: 3.936
GROUP SPREAD: 4.589
MIN RADIUS: 0.284
MAX RADIUS: 3.229
MEAN RADIUS: 1.058

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.214	1.607
2:	-0.686	1.161
3:	-0.513	0.952
4:	0.074	0.386
5:	-0.263	0.192
6:	-0.241	-0.126
7:	-1.038	-0.098
8:	0.688	-0.166
9:	0.039	-0.745
10:	2.145	-2.329

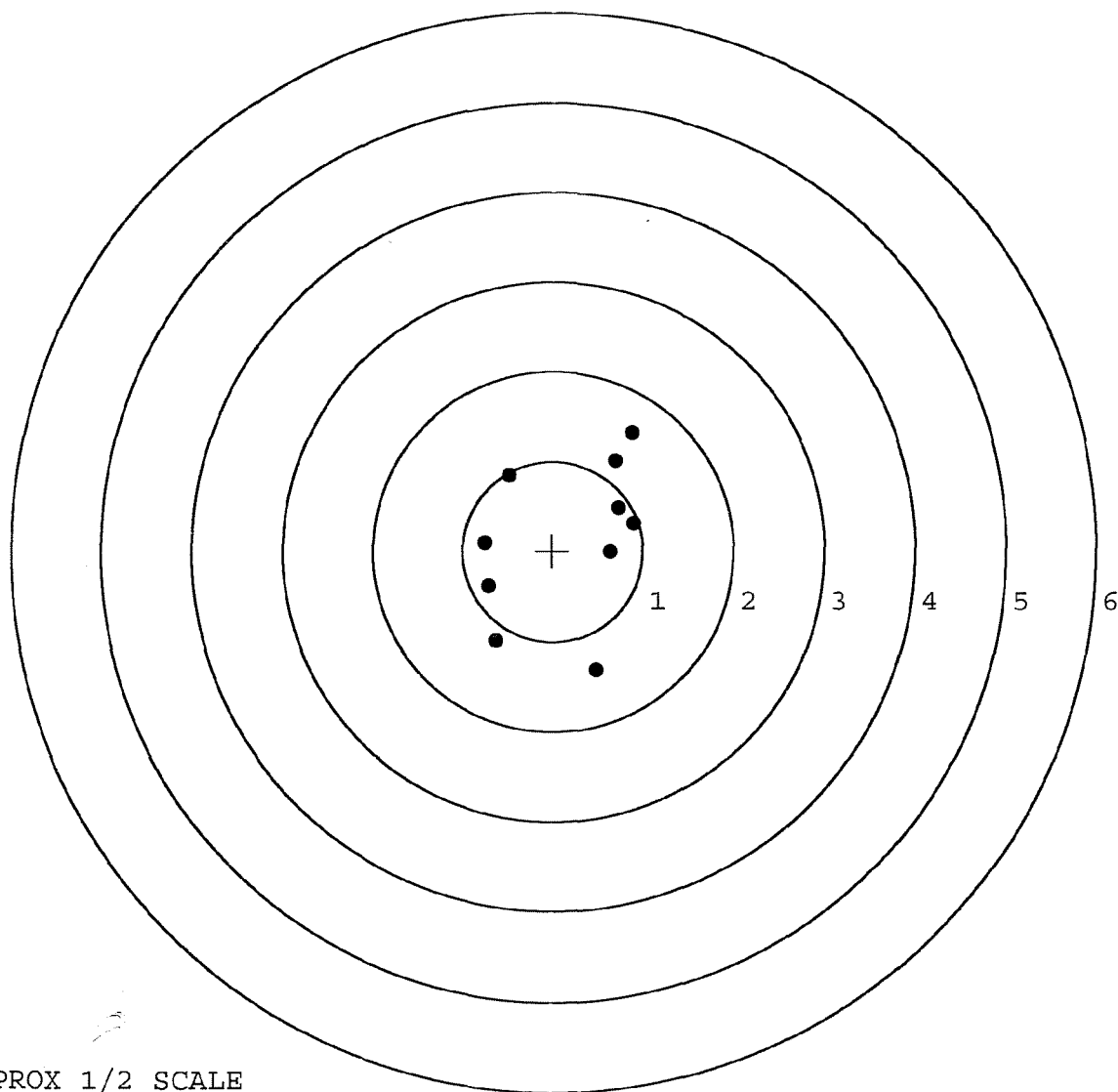


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285978. 0
TARGET NUMBER: 2
FILE DATE: 12/02/2003
FILE TIME: 11:36

POINT#	X	Y
1:	0.876	1.322
2:	0.694	1.008
3:	0.733	0.482
4:	0.898	0.311
5:	0.642	-0.007
6:	-0.485	0.844
7:	-0.758	0.087
8:	-0.712	-0.396
9:	-0.629	-0.994
10:	0.491	-1.314

X CENTROID: 0.175
Y CENTROID: 0.134
POA TO CENTROID: 0.221
HORZ SPREAD: 1.656
VERT SPREAD: 2.636
GROUP SPREAD: 2.664
MIN RADIUS: 0.488
MAX RADIUS: 1.482
MEAN RADIUS: 1.009
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285978. 0

TARGET NUMBER: 3

FILE DATE: 12/02/2003

FILE TIME: 11:36

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

1:	-1.208	0.209
----	--------	-------

2:	-0.434	-0.945
----	--------	--------

3:	0.143	-0.961
----	-------	--------

4:	-0.065	0.551
----	--------	-------

5:	0.618	0.172
----	-------	-------

6:	0.205	-0.119
----	-------	--------

7:	-0.109	-0.240
----	--------	--------

8:	-0.177	0.084
----	--------	-------

9:	0.071	0.200
----	-------	-------

10:	0.130	0.044
-----	-------	-------

X CENTROID: -0.083

Y CENTROID: -0.101

POA TO CENTROID: 0.130

HORZ SPREAD: 1.826

VERT SPREAD: 1.512

GROUP SPREAD: 1.826

MIN RADIUS: 0.142

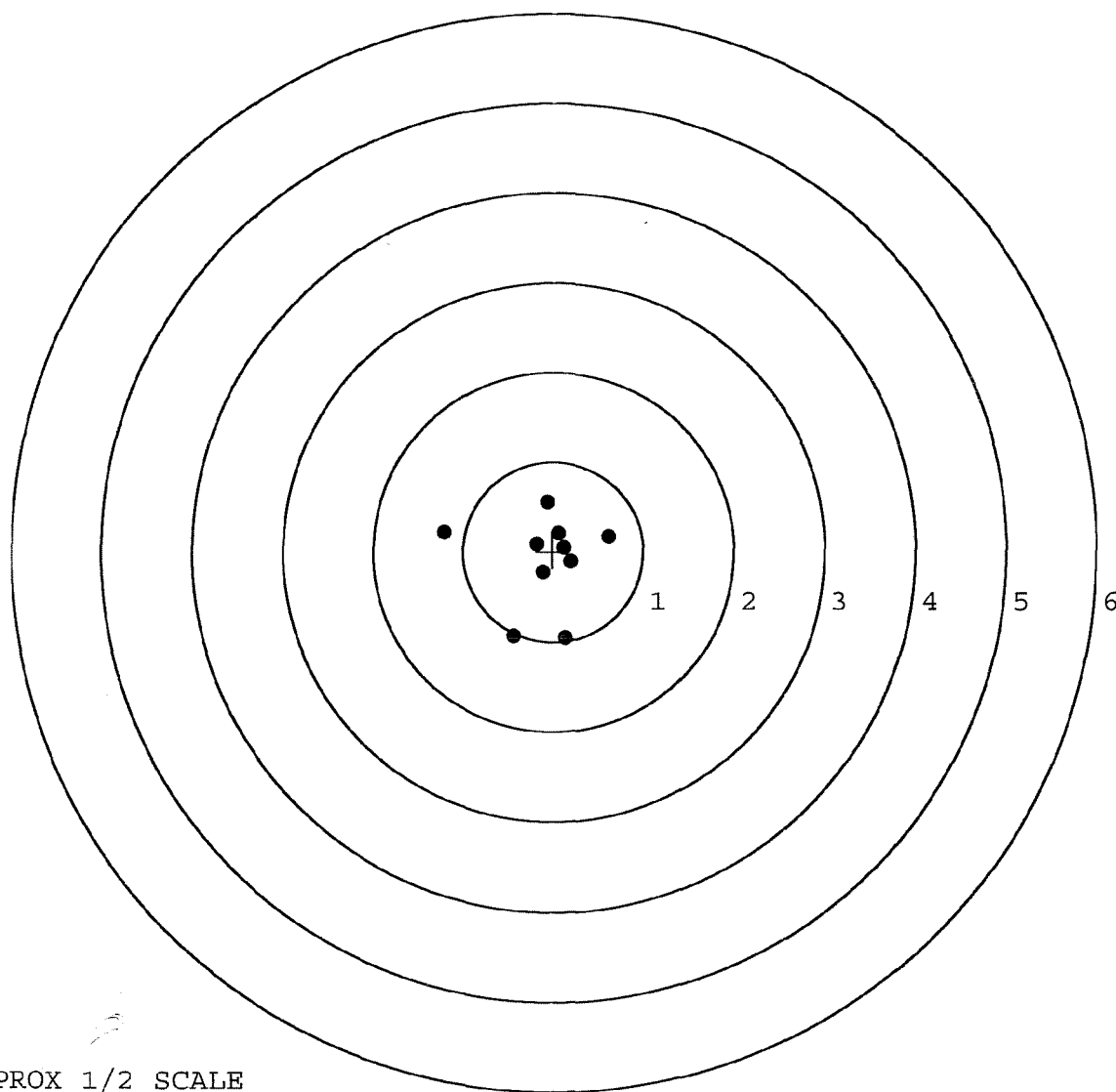
MAX RADIUS: 1.167

MEAN RADIUS: 0.561

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285978. 0

TARGET NUMBER: 4

FILE DATE: 12/02/2003

FILE TIME: 11:36

POINT#	X	Y
1:	-0.816	0.843
2:	-0.193	0.540
3:	-0.710	0.098
4:	-1.619	-0.045
5:	1.173	-0.351
6:	0.728	-0.119
7:	0.240	0.071
8:	0.313	-0.387
9:	0.537	-0.535
10:	-0.293	-0.375

X CENTROID: -0.064

Y CENTROID: -0.026

POA TO CENTROID: 0.069

HORZ SPREAD: 2.792

VERT SPREAD: 1.378

GROUP SPREAD: 2.809

MIN RADIUS: 0.319

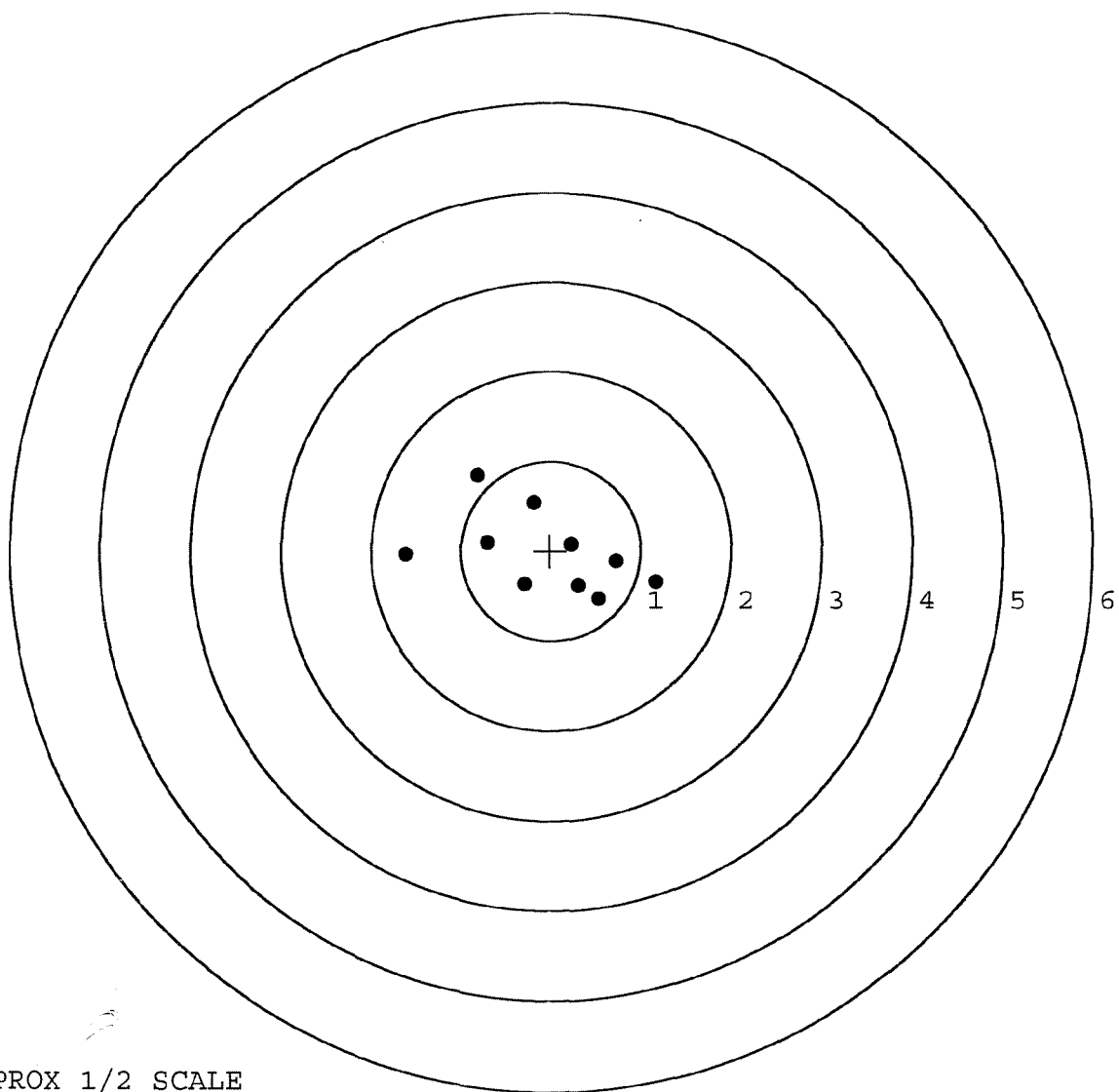
MAX RADIUS: 1.555

MEAN RADIUS: 0.807

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285978. 0

TARGET NUMBER: 5

FILE DATE: 12/02/2003

FILE TIME: 11:36

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

1:	0.713	1.188
----	-------	-------

2:	0.730	0.501
----	-------	-------

3:	0.253	0.175
----	-------	-------

4:	0.805	-0.333
----	-------	--------

5:	-0.091	-0.604
----	--------	--------

6:	-1.030	-0.233
----	--------	--------

7:	-1.008	0.096
----	--------	-------

8:	-0.546	0.428
----	--------	-------

9:	-0.101	0.561
----	--------	-------

10:	-0.160	0.214
-----	--------	-------

X CENTROID: -0.043

Y CENTROID: 0.199

POA TO CENTROID: 0.204

HORZ SPREAD: 1.835

VERT SPREAD: 1.792

GROUP SPREAD: 2.249

MIN RADIUS: 0.117

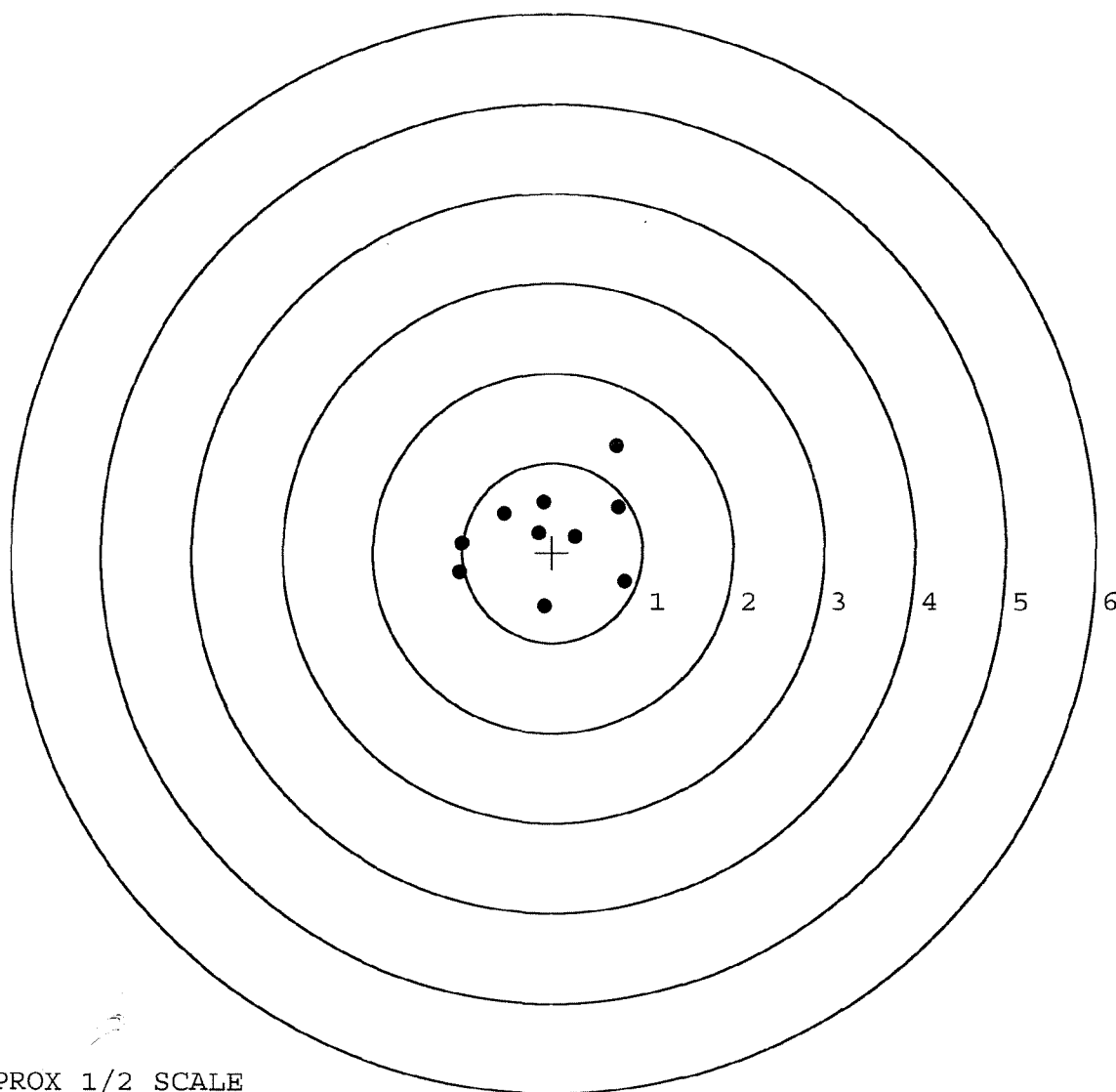
MAX RADIUS: 1.245

MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE