

G657 7225
Replaced
G628 8181

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: **RE00113198**

Serial: G6288181 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Verify Repair

Status:

Closed 6/5/2006 1:21:56 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
A016	Scope Rings	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/6/2006

7:37 AM

CAPS

NUM

INS

SCRL

start

Arms Services Repair ...

Part Search by Mater...

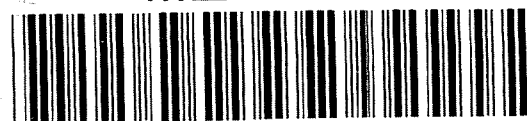
2 Microsoft Office O...

7:37 AM

G6577225

Serial Number: **G6288181**

Model: M24 SWS



RE00113198

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577225.___0
FILE DATE AND TIME: 07/13/2006 17:43

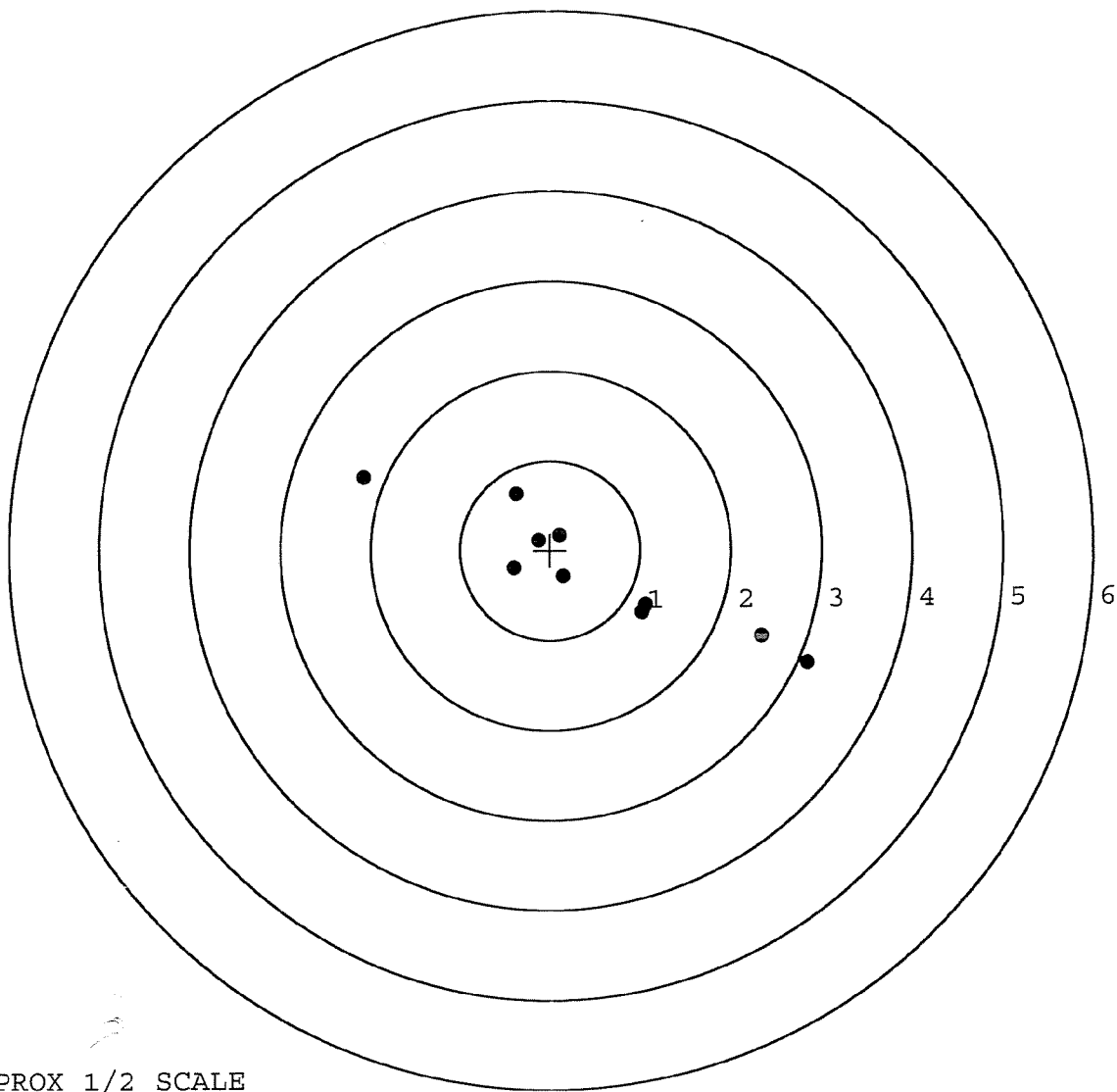
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.090
The Average Y Centroid of the Five Target Set:	-0.150
The Average Point of Impact of the Five Target Set:	0.175
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.508
The Distance from Centroid Target #2 to Centroid Target #1:	0.513
The Distance from Centroid Target #3 to Centroid Target #1:	0.401
The Distance from Centroid Target #4 to Centroid Target #1:	0.469
The Distance from Centroid Target #5 to Centroid Target #1:	0.493

SERIAL NUMBER: G6577225. __0
TARGET NUMBER: 1
FILE DATE: 07/13/2006
FILE TIME: 17:43

X CENTROID: 0.451
Y CENTROID: -0.233
POA TO CENTROID: 0.508
HORZ SPREAD: 4.909
VERT SPREAD: 2.089
GROUP SPREAD: 5.335
MIN RADIUS: 0.306
MAX RADIUS: 2.737
MEAN RADIUS: 1.236
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.128	0.110
2:	-0.405	-0.200
3:	-0.379	0.633
4:	0.152	-0.298
5:	0.110	0.164
6:	1.016	-0.698
7:	-2.074	0.822
8:	1.056	-0.619
9:	2.330	-0.973
10:	2.835	-1.267



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577225. __0

TARGET NUMBER: 2

FILE DATE: 07/13/2006

FILE TIME: 17:43

POINT#	X	Y
1:	0.773	-0.101
2:	1.188	-0.176
3:	0.128	0.689
4:	-0.186	0.364
5:	-0.810	0.441
6:	-0.327	-0.134
7:	-0.445	-0.590
8:	-0.374	-0.966
9:	-0.451	-0.928

X CENTROID: -0.056

Y CENTROID: -0.156

POA TO CENTROID: 0.165

HORZ SPREAD: 1.998

VERT SPREAD: 1.655

GROUP SPREAD: 2.091

MIN RADIUS: 0.272

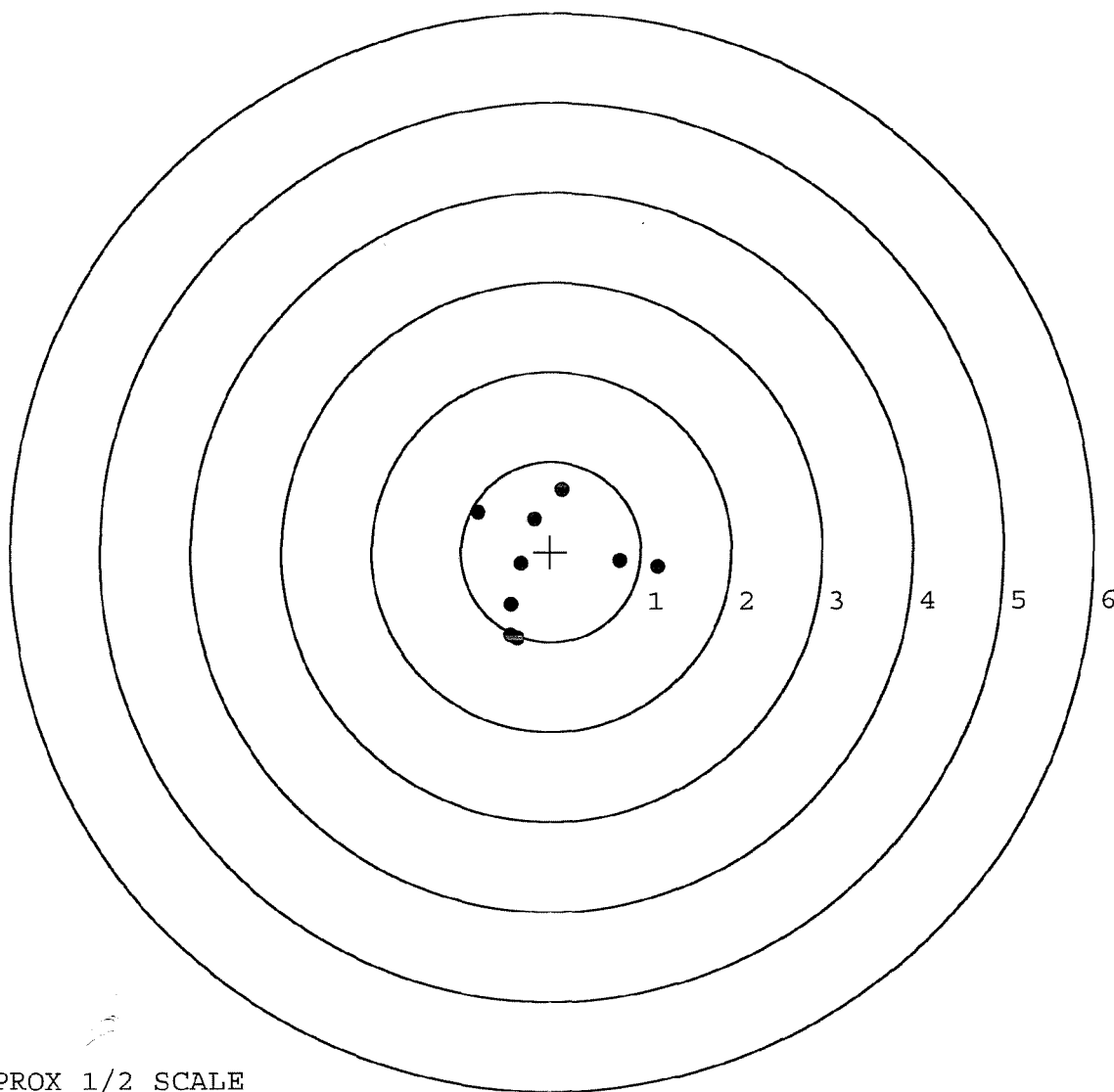
MAX RADIUS: 1.244

MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

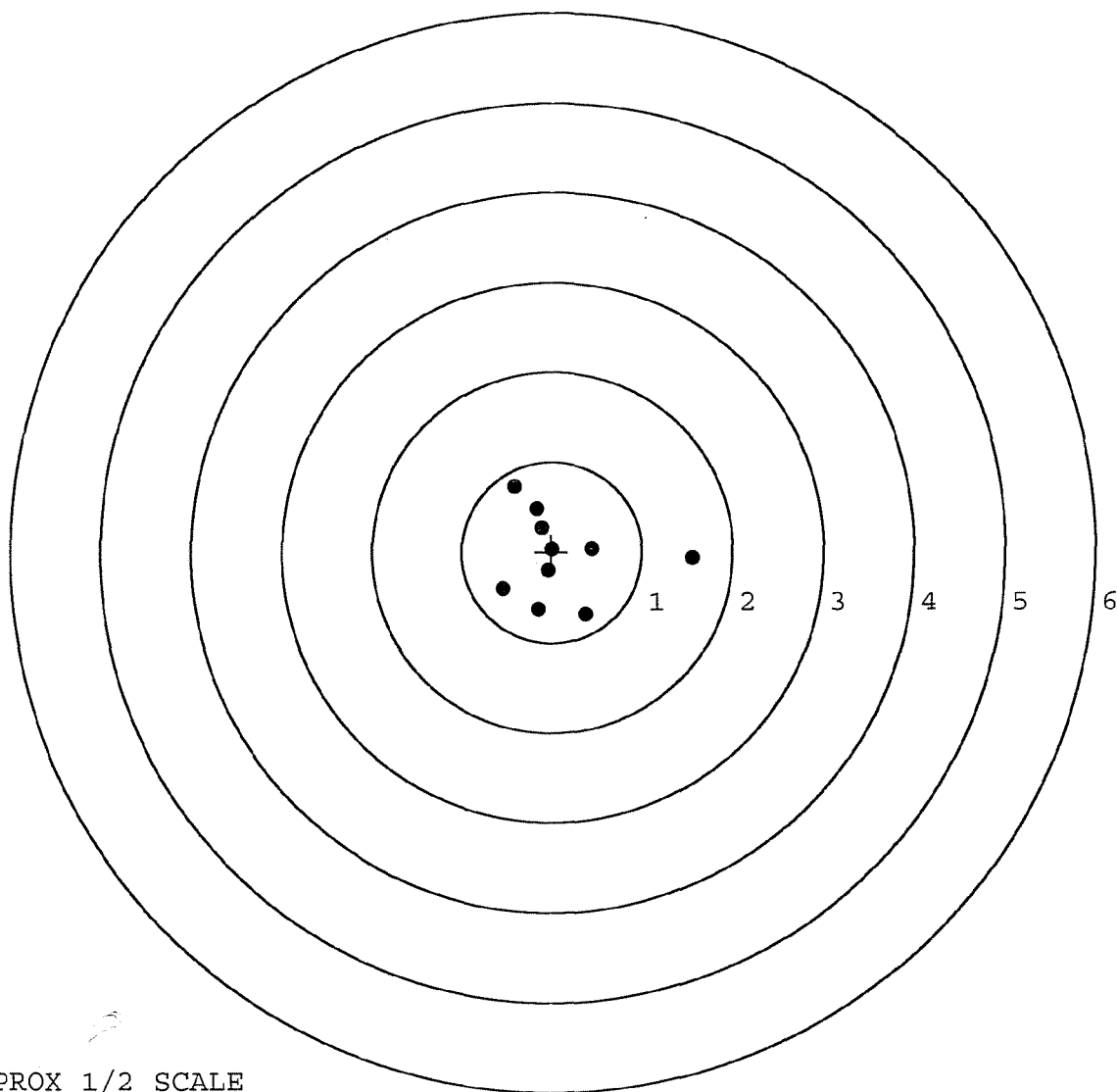


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577225. __0
TARGET NUMBER: 3
FILE DATE: 07/13/2006
FILE TIME: 17:43

X CENTROID: 0.095
Y CENTROID: -0.049
POA TO CENTROID: 0.107
HORZ SPREAD: 2.104
VERT SPREAD: 1.416
GROUP SPREAD: 2.131
MIN RADIUS: 0.114
MAX RADIUS: 1.465
MEAN RADIUS: 0.612
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.374	-0.693
2:	-0.153	-0.638
3:	-0.544	-0.407
4:	1.560	-0.070
5:	0.448	0.038
6:	-0.039	-0.207
7:	0.010	0.027
8:	-0.114	0.265
9:	-0.173	0.474
10:	-0.418	0.723

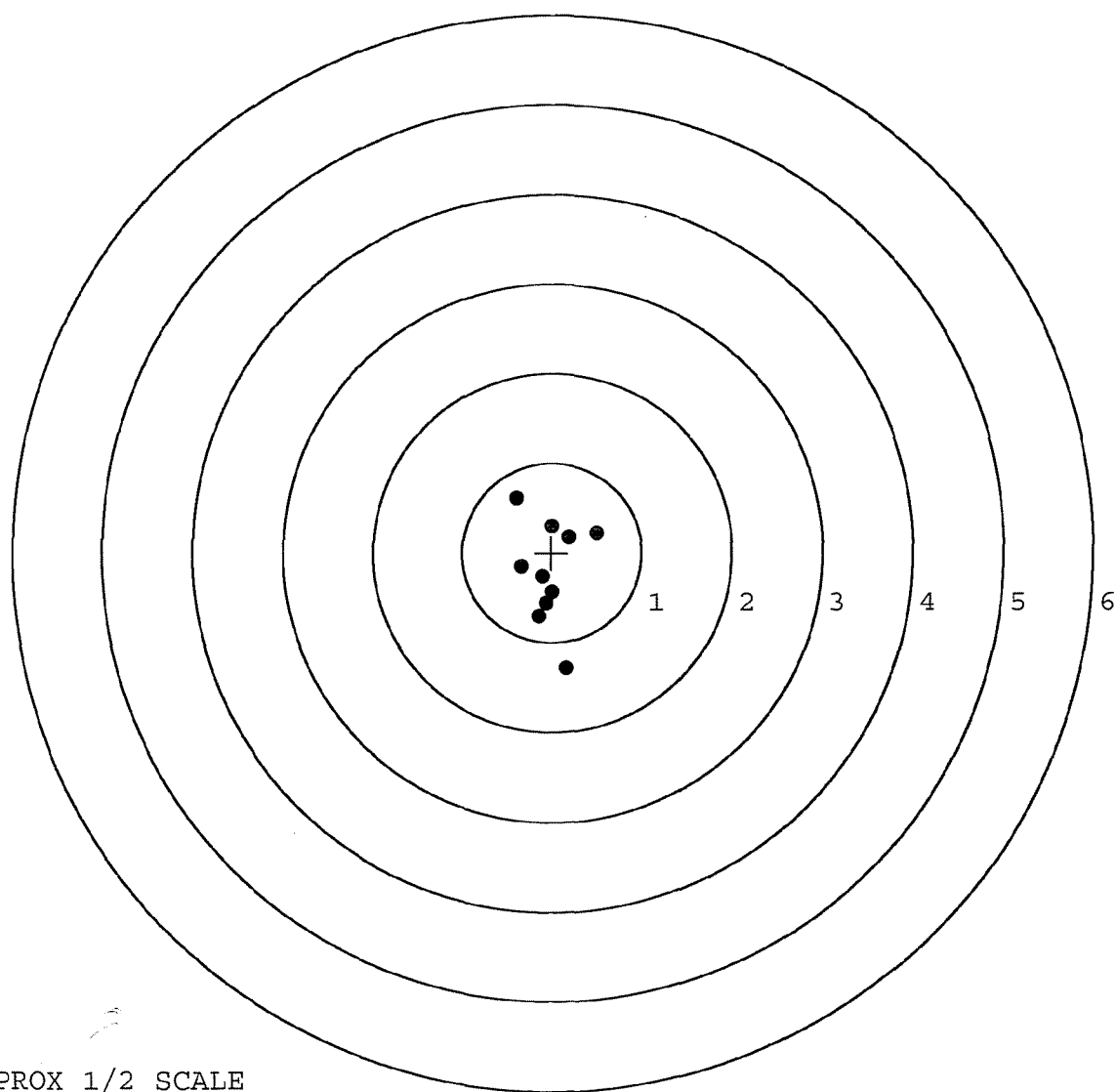


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577225. __0
TARGET NUMBER: 4
FILE DATE: 07/13/2006
FILE TIME: 17:43

X CENTROID: -0.018
Y CENTROID: -0.214
POA TO CENTROID: 0.214
HORZ SPREAD: 0.895
VERT SPREAD: 1.908
GROUP SPREAD: 1.991
MIN RADIUS: 0.100
MAX RADIUS: 1.097
MEAN RADIUS: 0.516
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.399	0.613
2:	0.000	0.294
3:	0.188	0.178
4:	0.496	0.226
5:	-0.338	-0.155
6:	-0.100	-0.270
7:	0.009	-0.442
8:	-0.060	-0.571
9:	-0.141	-0.714
10:	0.169	-1.295



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577225. 0

TARGET NUMBER: 5

FILE DATE: 07/13/2006

FILE TIME: 17:43

POINT#	X	Y
1:	-0.727	0.270
2:	-0.301	0.215
3:	-0.629	-0.204
4:	-0.320	-0.521
5:	0.223	-1.062
6:	0.275	-0.557
7:	0.245	0.028
8:	0.683	-0.040
9:	0.226	0.294
10:	0.091	0.591

X CENTROID: -0.023

Y CENTROID: -0.099

POA TO CENTROID: 0.101

HORZ SPREAD: 1.410

VERT SPREAD: 1.653

GROUP SPREAD: 1.658

MIN RADIUS: 0.297

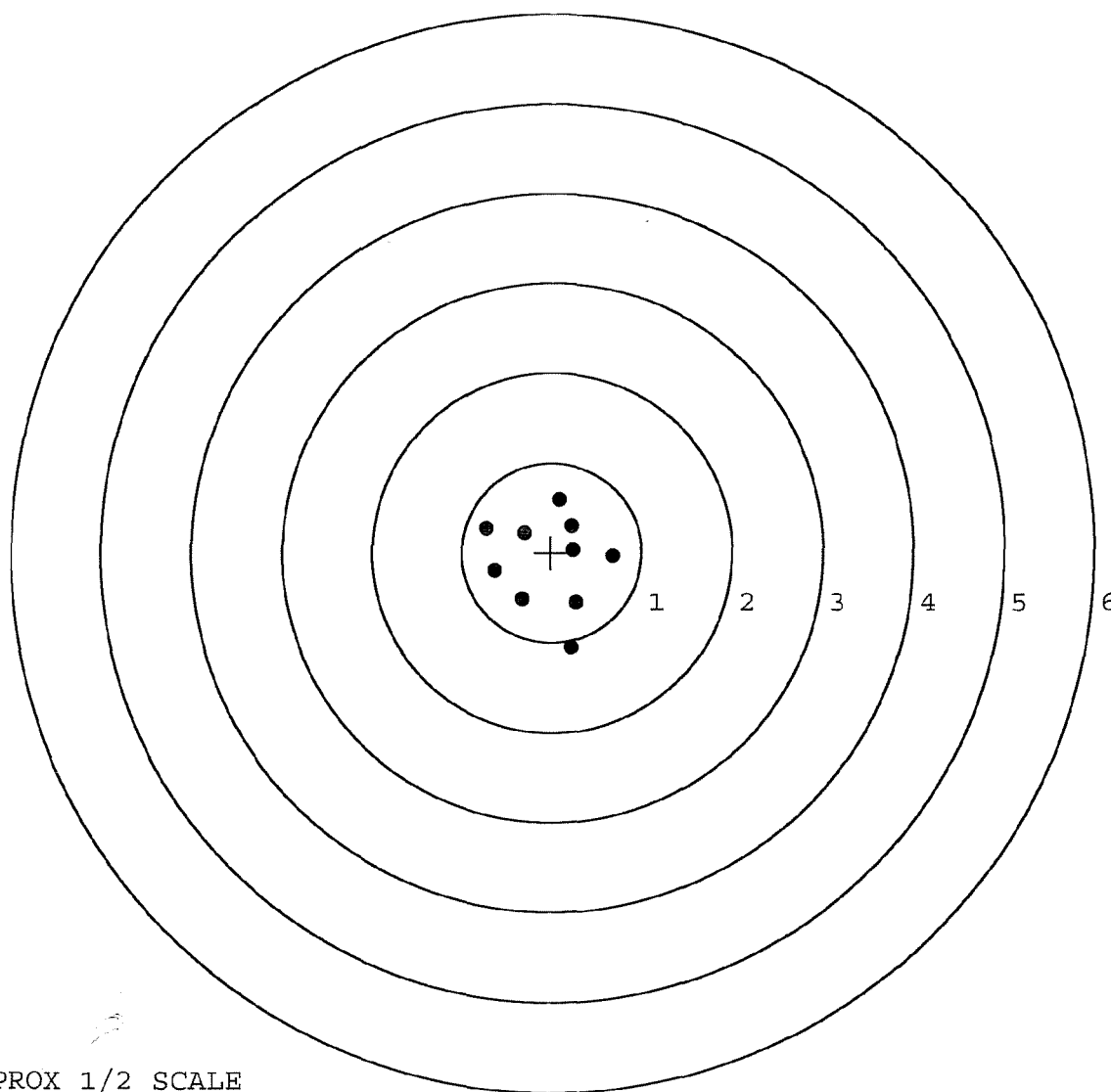
MAX RADIUS: 0.994

MEAN RADIUS: 0.606

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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)

DATE 6-9-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	259	256		256	
PULL #2	255	253		245	
PULL #3	240	246		243	
PULL #4	271	253		245	
PULL #5	245	257		240	
TOTAL	1270	1265		1229	
AVERAGE	254	253		245	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	312	306		
PULL #2	318	302		
PULL #3	308	300		
PULL #4	307	291		
PULL #5	317	308		
TOTAL	1562	1507		
AVERAGE	312	301		

	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	405	406		4.13
PULL #2	398	412		4.12
PULL #3	402	416		4.01
PULL #4	419	422		4.25
PULL #5	409	420		4.03
TOTAL	2033	2076		20.54
AVERAGE	406	415		4.10

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

R & E NUMBER	113198			
SERIAL NUMBER	G6577225 (NEW)			
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-26-06	BLC
505	RE-BARREL		7-5-06	BLC
560	ASSEMBLE		7-5-06	BLC
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	mjm
605	CHECK HEADSPACE	JUL 06 2006	7-5-06	mjm
610	DIS-ASSEMBLE GUN		7-6-06	BLC
612	MAGNAFLUX	OPERATOR mjm	7-6-06	mjm
510	DRILL AND TAP		7-6-06	TRC
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	BLC
640	FUNCTION TEST AND	PASS FAIL	7-13-06	mjm
650	TARGET	PASS FAIL	7-13-06	mjm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-27-06	AK
	A) HEADSPACE	PASS FAIL	7-27-06	AK
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	7-14-06	DA
		2 LBS MIN 10 LBS MAX	7-14-06	DA
680	F) SAFETY ON FORCE	2 LBS	7-14-06	DA
	G) SAFETY OFF FORCE	.020	7-14-06	DA
	I) FIRING PIN INDENT	.020	7-14-06	DA
690	PACK		8-1-06	DA

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

Remington®

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

SERIAL NO. **66288181**
ORDER NO. **25716**
DD **09XX**

Made in Illinois, Inc. Reg. U.S. Pat. & Tm. Off. Marks Registered Parquet Deposited.



5716 66288181

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

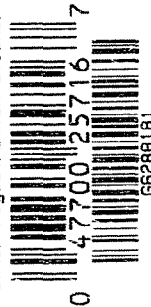
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



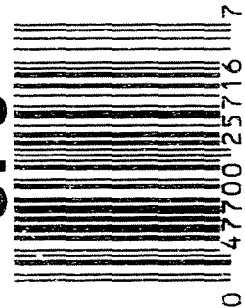
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6288181

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6288181

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	RTL
607	CHECK HEADSPACE		11-12-03	RTL
610	DIS-ASSEMBLE GUN		11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>RS</u>		
615	ROLLMARK CALIBER		11-14-03	RS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRC
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12/3/03	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12/3/03	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/3/03	RA
	D) OIL FIRING PIN ASSEMBLY		12/3/03	RA
	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>5.5</u> <u>6</u>	12/4/03	RL
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2</u>	12/4/03	RL
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.125</u> <u>.025</u> <u>.025</u>	12/4/03	RL
	J) ASSEMBLE STOCK		12-3-03	RL
	K) ASSEMBLE SWIVEL STUDS		12-8-03	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-3-03	RL
	M) IRON SIGHT ALIGNMENT		12-3-03	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-3-03	RL
640	GALLERY TEST AND TARGET	PASS FAIL	12-3-03	E
	MALFUNCTION	CORRECTION	12-3-03	A
	MALFUNCTION	CORRECTION	12-3-03	A
	MALFUNCTION	CORRECTION	12-3-03	A
	MALFUNCTION	CORRECTION	12-3-03	A
645	INSPECT FOR LIVE AMMO		12-3-03	A
655	FINAL INSPECTION A) HEADSPACE		12-8-03	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u> <u>2.88</u> <u>2.92</u> <u>2.85</u> <u>2.99</u>	12/4/03	RL
	C) FUNCTION		12-8-03	RL
660	PACK		12/5/03	RL

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

12-3-03

TESTER

CD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.26	2.14		2.15	
PULL #2	2.27	2.13		2.60	
PULL #3	2.33	2.20		2.21	
PULL #4	2.32	2.16		2.19	
PULL #5	2.39	2.01		2.23	
TOTAL	11.57	10.64		11.38	
AVERAGE	2.31	2.12		2.27	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.71	3.54		
PULL #2	3.73	3.32		
PULL #3	3.56	3.43		
PULL #4	3.47	3.62		
PULL #5	3.70	3.65		
TOTAL	18.17	17.56		
AVERAGE	3.63	3.51		

	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	4.85	4.31		4.64
PULL #2	4.64	4.24		4.59
PULL #3	5.00	4.13		4.37
PULL #4	4.84	4.28		4.14
PULL #5	4.57	4.36		4.12
TOTAL	23.90	21.32		21.86
AVERAGE	4.78	4.26		4.37

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288181.__0
FILE DATE AND TIME: 12/03/2003 11:57

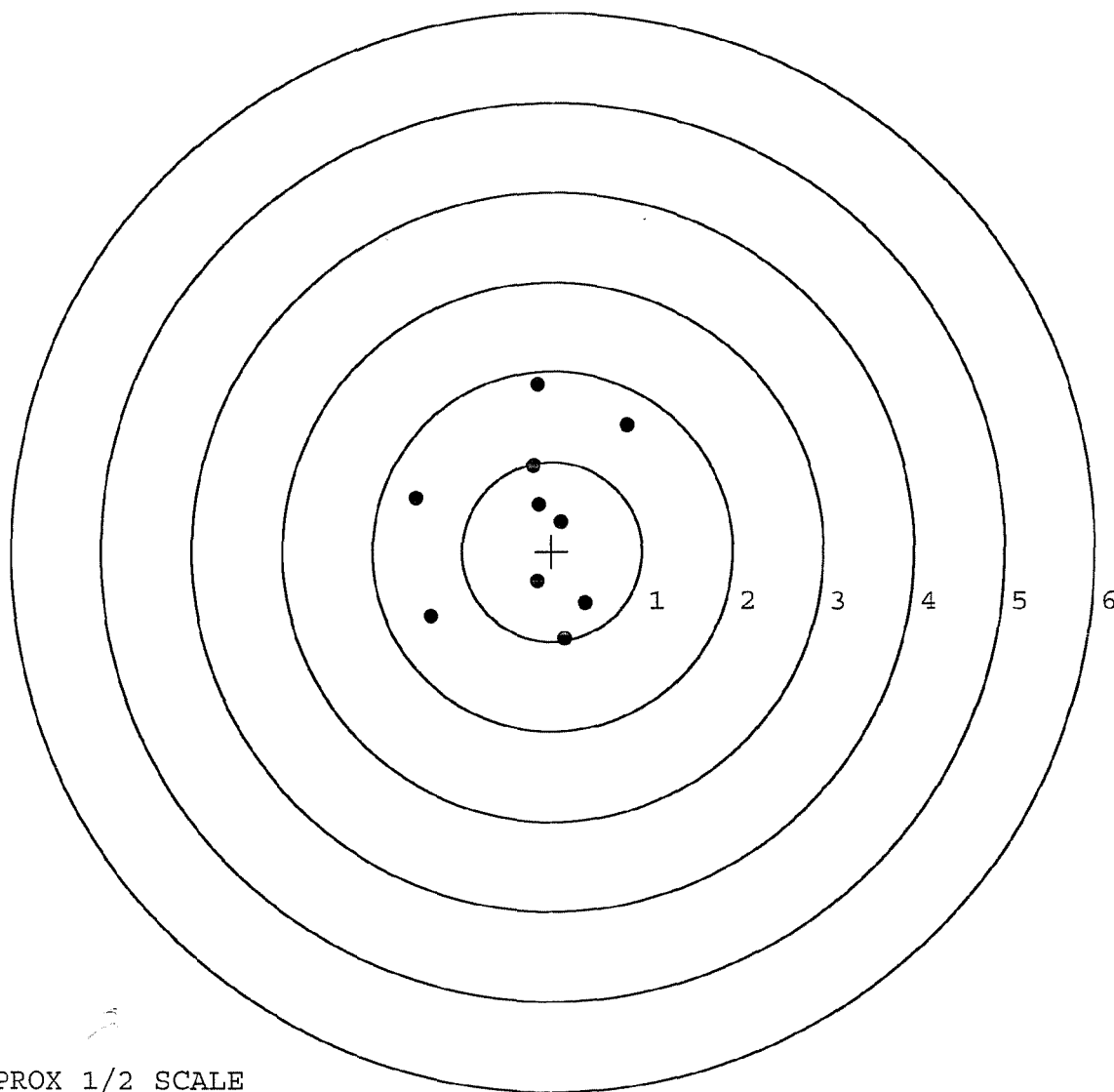
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	0.071
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.835
The Distance from POA to Centroid Target #1:	0.368
The Distance from Centroid Target #2 to Centroid Target #1:	0.298
The Distance from Centroid Target #3 to Centroid Target #1:	0.498
The Distance from Centroid Target #4 to Centroid Target #1:	0.380
The Distance from Centroid Target #5 to Centroid Target #1:	0.552

SERIAL NUMBER: G6288181. 0
TARGET NUMBER: 1
FILE DATE: 12/03/2003
FILE TIME: 11:57

X CENTROID: -0.210
Y CENTROID: 0.303
POA TO CENTROID: 0.368
HORZ SPREAD: 2.349
VERT SPREAD: 2.830
GROUP SPREAD: 2.847
MIN RADIUS: 0.229
MAX RADIUS: 1.549
MEAN RADIUS: 1.017
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.162	1.851
2:	0.830	1.404
3:	-0.213	0.958
4:	-0.150	0.524
5:	0.105	0.327
6:	-0.161	-0.335
7:	0.372	-0.580
8:	0.147	-0.979
9:	-1.348	-0.736
10:	-1.519	0.593

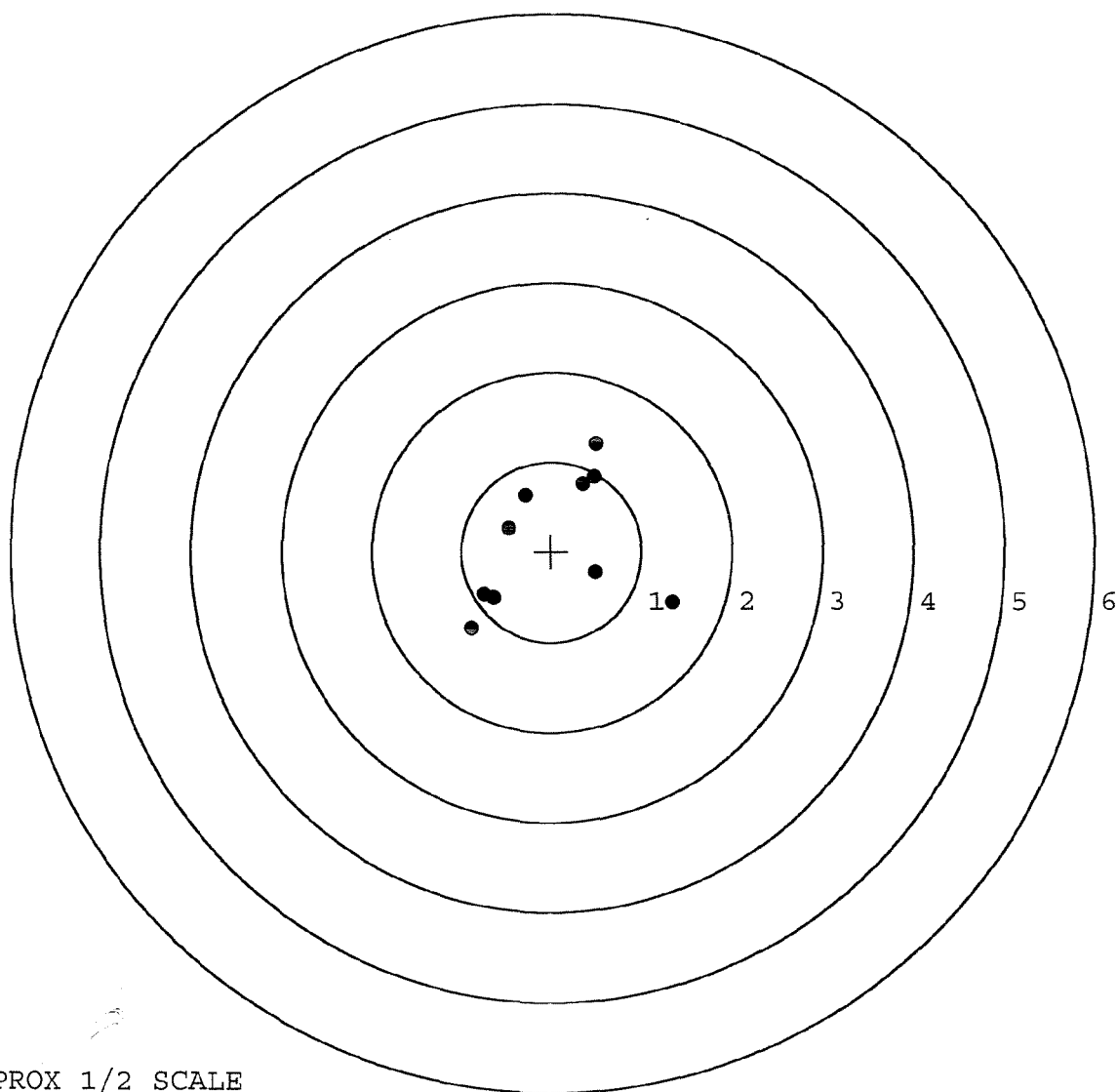


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288181. __0
TARGET NUMBER: 2
FILE DATE: 12/03/2003
FILE TIME: 11:57

X CENTROID: 0.010
Y CENTROID: 0.101
POA TO CENTROID: 0.102
HORZ SPREAD: 2.229
VERT SPREAD: 2.065
GROUP SPREAD: 2.247
MIN RADIUS: 0.509
MAX RADIUS: 1.496
MEAN RADIUS: 0.918
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.487	1.206
2:	0.478	0.838
3:	0.347	0.755
4:	-0.291	0.631
5:	-0.475	0.255
6:	-0.642	-0.520
7:	-0.883	-0.859
8:	-0.750	-0.484
9:	0.487	-0.237
10:	1.346	-0.572



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288181. 0

TARGET NUMBER: 3

FILE DATE: 12/03/2003

FILE TIME: 11:57

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

1:	-0.555	0.855
----	--------	-------

2:	-1.252	-0.412
----	--------	--------

3:	-0.577	-1.325
----	--------	--------

4:	1.072	-0.796
----	-------	--------

5:	0.628	0.594
----	-------	-------

6:	0.640	0.392
----	-------	-------

7:	0.198	-0.003
----	-------	--------

8:	0.271	-0.243
----	-------	--------

9:	-0.110	-0.056
----	--------	--------

10:	0.269	-0.173
-----	-------	--------

X CENTROID: 0.058

Y CENTROID: -0.117

POA TO CENTROID: 0.130

HORZ SPREAD: 2.324

VERT SPREAD: 2.180

GROUP SPREAD: 2.266

MIN RADIUS: 0.179

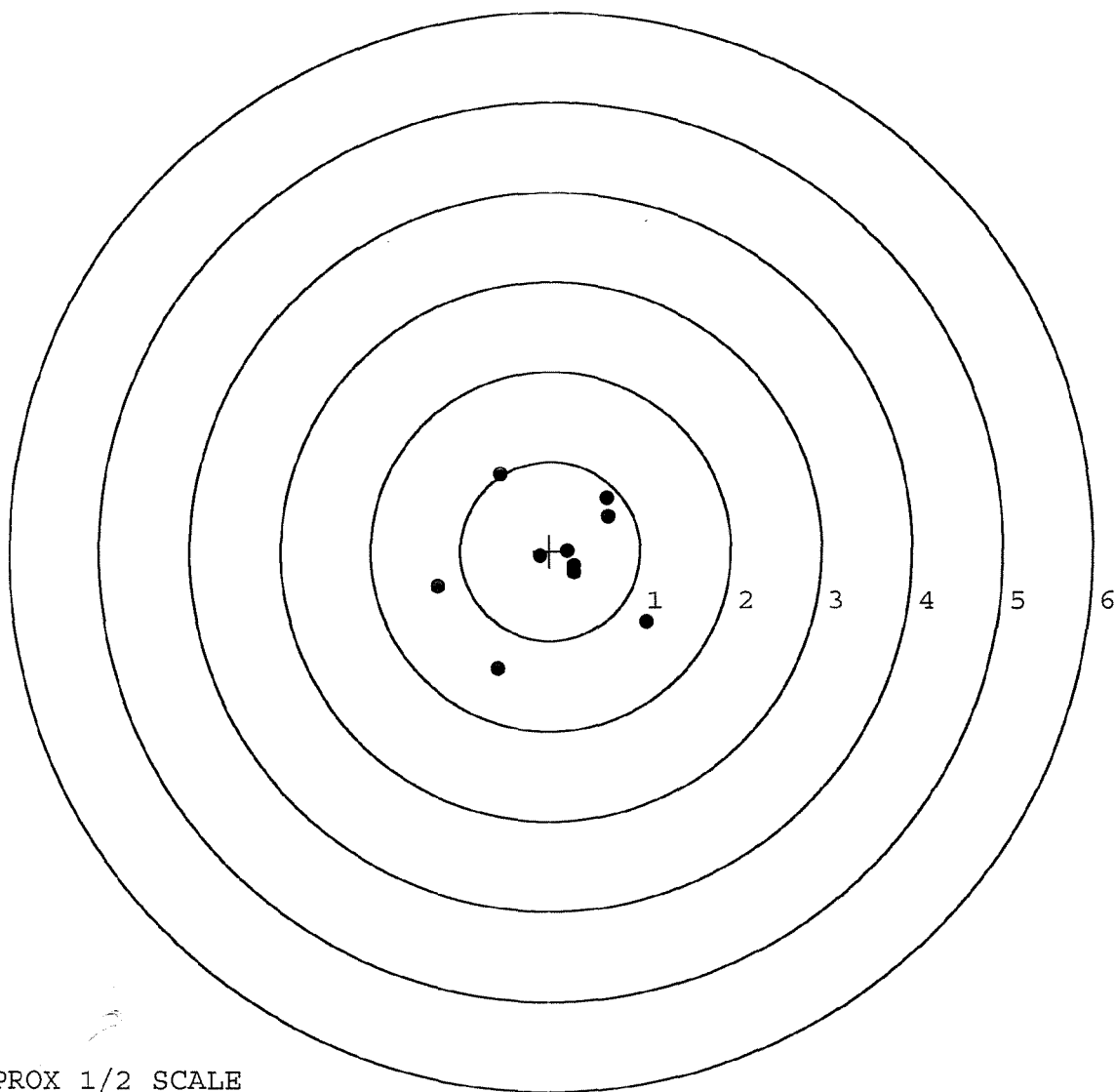
MAX RADIUS: 1.365

MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288181. 0

TARGET NUMBER: 4

FILE DATE: 12/03/2003

FILE TIME: 11:57

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

1:	-0.228	-1.095
----	--------	--------

2:	-0.430	-0.108
----	--------	--------

3:	0.948	-0.432
----	-------	--------

4:	0.889	0.272
----	-------	-------

5:	0.548	0.364
----	-------	-------

6:	0.144	0.249
----	-------	-------

7:	0.120	0.881
----	-------	-------

8:	-0.290	0.805
----	--------	-------

9:	-0.002	0.769
----	--------	-------

10:	-0.099	0.464
-----	--------	-------

X CENTROID: 0.160

Y CENTROID: 0.217

POA TO CENTROID: 0.270

HORZ SPREAD: 1.378

VERT SPREAD: 1.976

GROUP SPREAD: 2.006

MIN RADIUS: 0.036

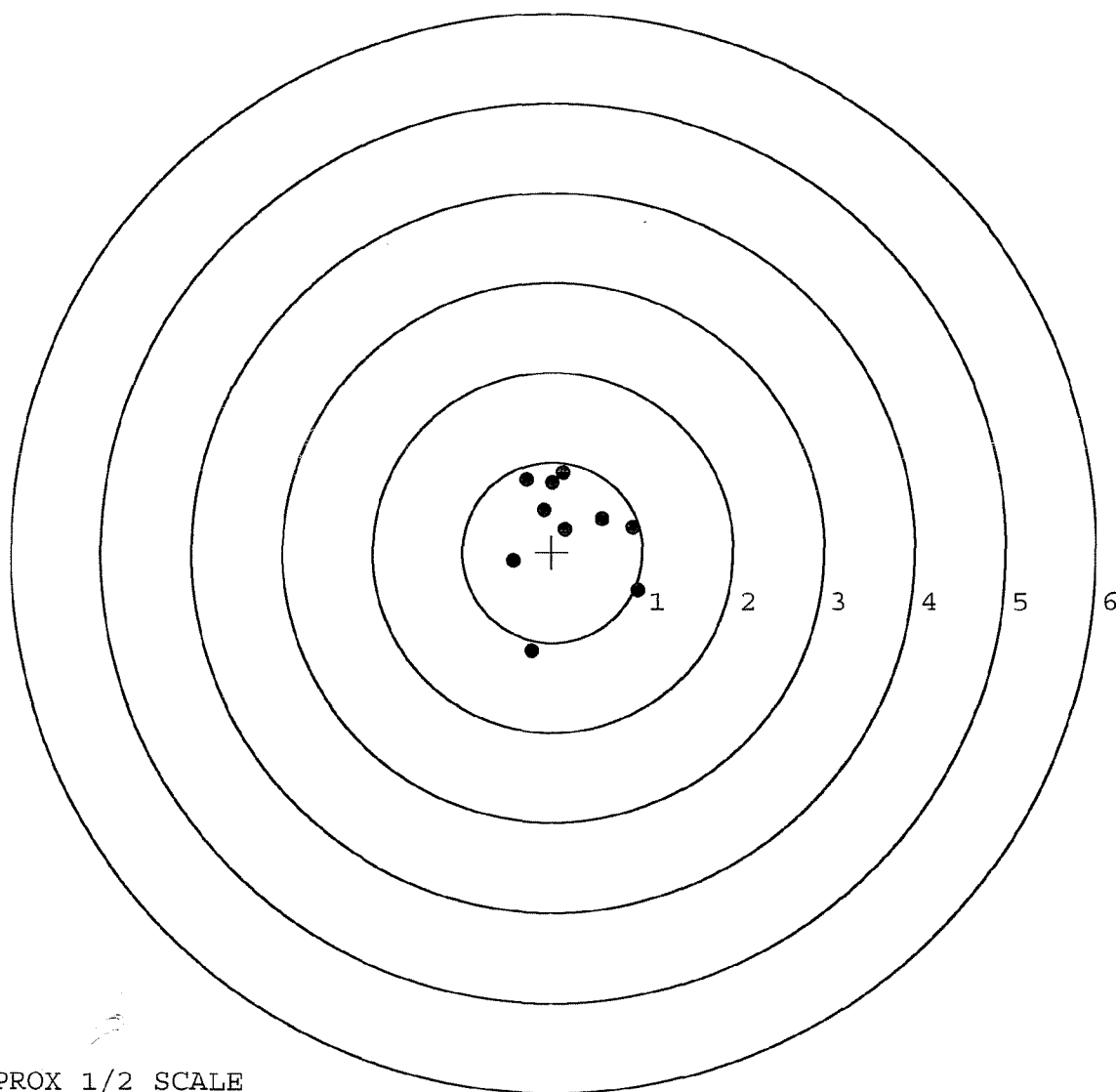
MAX RADIUS: 1.368

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288181. 0

TARGET NUMBER: 5

FILE DATE: 12/03/2003

FILE TIME: 11:57

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

1:	-0.543	0.725
----	--------	-------

2:	1.202	0.708
----	-------	-------

3:	0.339	0.438
----	-------	-------

4:	-0.088	0.365
----	--------	-------

5:	0.304	0.047
----	-------	-------

6:	0.350	-0.098
----	-------	--------

7:	-0.322	-0.287
----	--------	--------

8:	0.625	-0.558
----	-------	--------

9:	-0.991	-1.384
----	--------	--------

10:	0.218	-1.436
-----	-------	--------

X CENTROID: 0.109

Y CENTROID: -0.148

POA TO CENTROID: 0.184

HORZ SPREAD: 2.193

VERT SPREAD: 2.161

GROUP SPREAD: 3.031

MIN RADIUS: 0.246

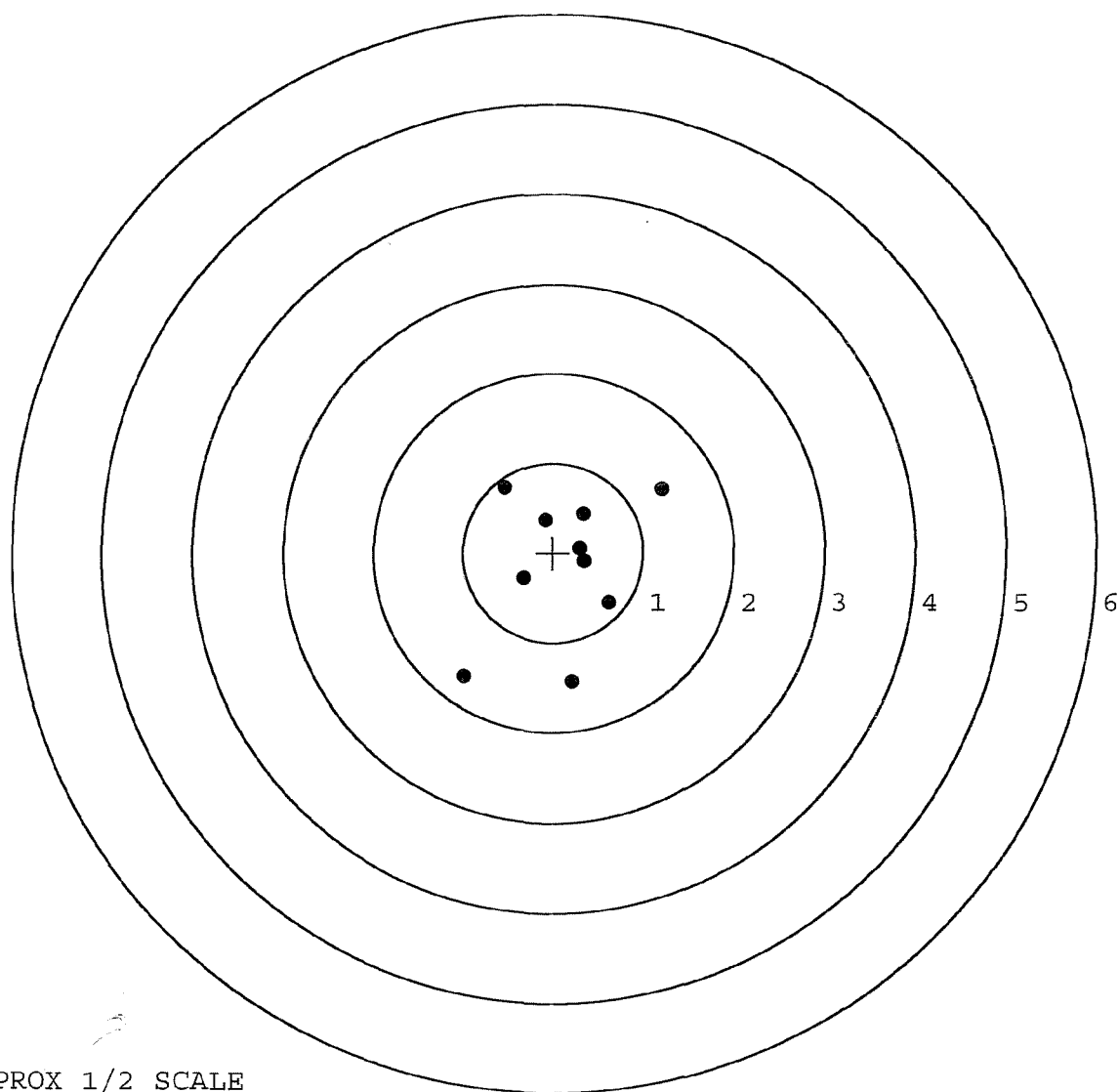
MAX RADIUS: 1.655

MEAN RADIUS: 0.824

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE