

G6577129
Replaced
G6296713

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 Inquiry

Repair Number: **RE00113233**

Serial: G6296713 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 04/11/2003

Repairman:

Status: Closed 6/5/2006 1:19:51 PM

Verify Repair

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

Shipping Method and Charges

00 UPS Ground

Standard S/H Charges:

0

Additional S/H Charges:

0

Total S/H Charges:

0

Shipment Tracking:

Repair Type: Firearm

Payment Method: BillHold

Bill To Address

Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT

Address 1: BLDG 4900 CAMP J T ROBINSON

Address 2: ATTN TSGT SEAN WALLACE

PO Box:

City: NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

nagletj

6/9/2006

8:06 AM

CAPS

NUM

INS

SCRL

start

4 Intern...

Arms Servi...

Part Seac...

3 Microso...

4 Microso...

8:06 AM

G6577129

Serial Number: **G6296713**

Model: M24 SWS



RE00113233

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577129.__0
FILE DATE AND TIME: 07/13/2006 17:47

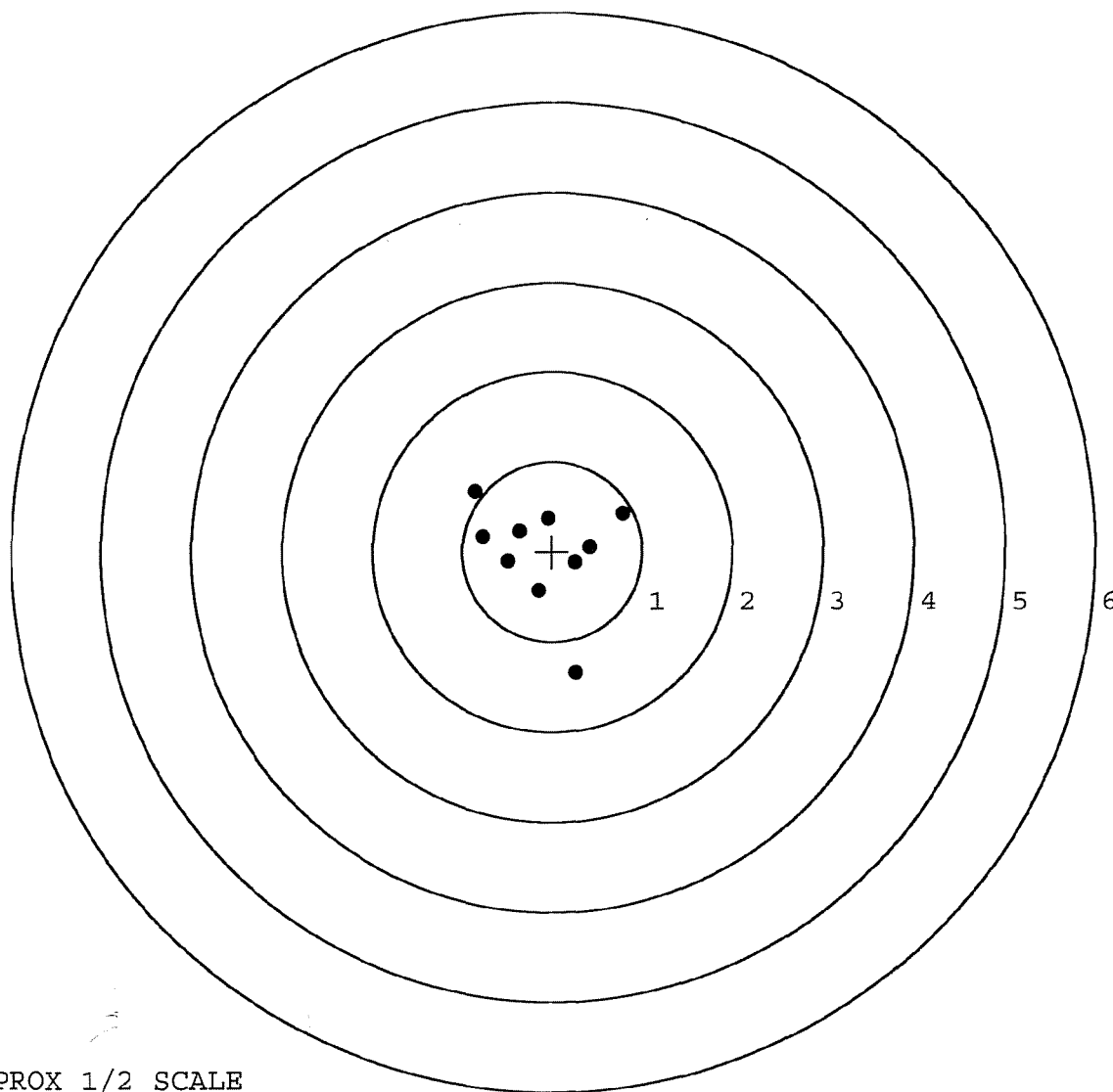
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.063
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.706
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.220
The Distance from Centroid Target #5 to Centroid Target #1:	0.210

SERIAL NUMBER: G6577129. 0
TARGET NUMBER: 1
FILE DATE: 07/13/2006
FILE TIME: 17:47

X CENTROID: -0.098
Y CENTROID: -0.009
POA TO CENTROID: 0.098
HORZ SPREAD: 1.648
VERT SPREAD: 2.013
GROUP SPREAD: 2.310
MIN RADIUS: 0.365
MAX RADIUS: 1.384
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.863	0.670
2:	-0.775	0.167
3:	-0.492	-0.111
4:	-0.373	0.231
5:	-0.052	0.367
6:	-0.153	-0.438
7:	0.254	-0.118
8:	0.422	0.059
9:	0.785	0.428
10:	0.270	-1.343

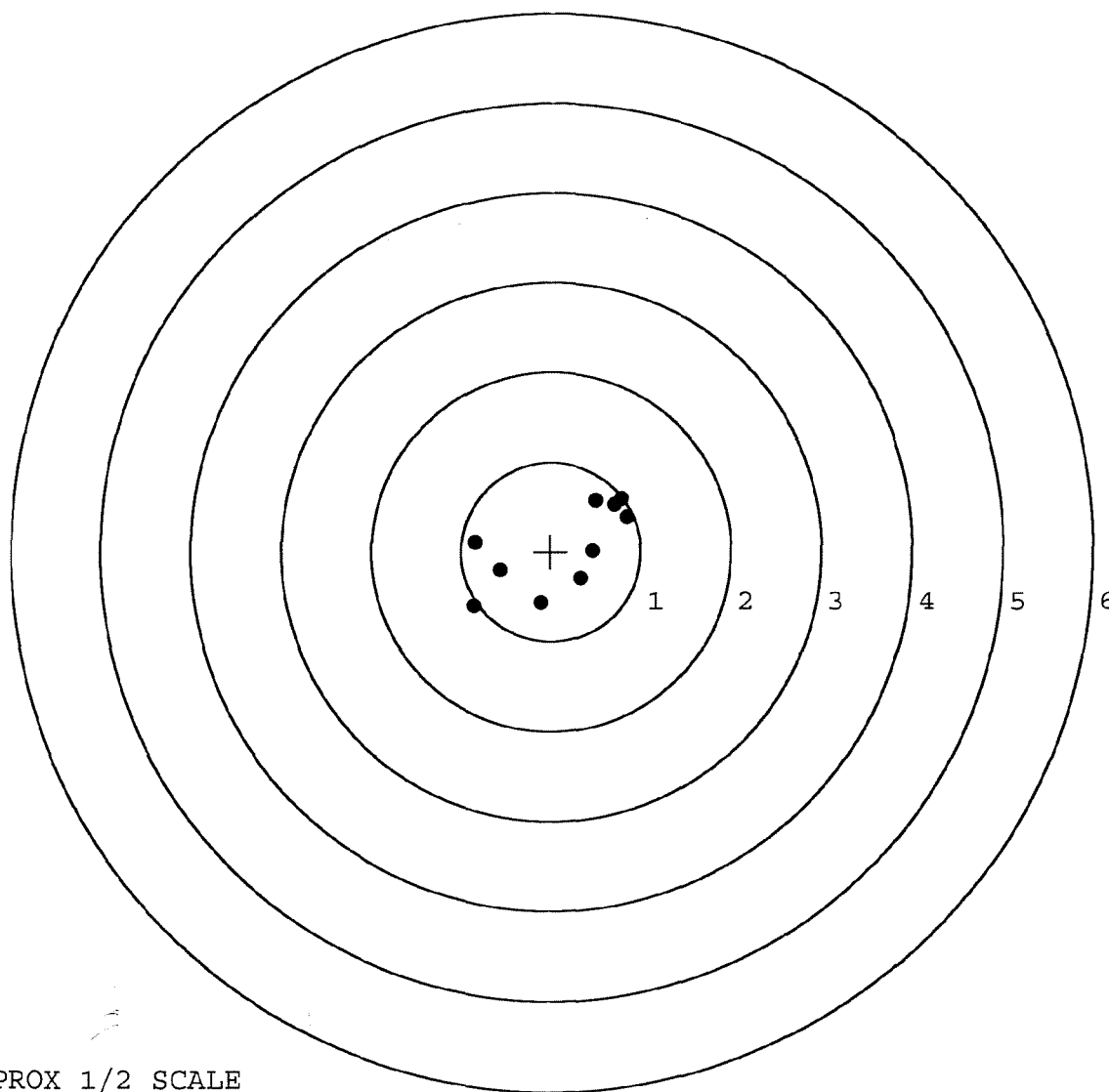


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 2
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	-0.850	0.105
2:	-0.561	-0.213
3:	-0.855	-0.613
4:	-0.112	-0.580
5:	0.338	-0.300
6:	0.471	0.017
7:	0.843	0.390
8:	0.785	0.597
9:	0.703	0.532
10:	0.498	0.574

X CENTROID: 0.126
Y CENTROID: 0.051
POA TO CENTROID: 0.136
HORZ SPREAD: 1.698
VERT SPREAD: 1.210
GROUP SPREAD: 2.038
MIN RADIUS: 0.347
MAX RADIUS: 1.185
MEAN RADIUS: 0.737
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

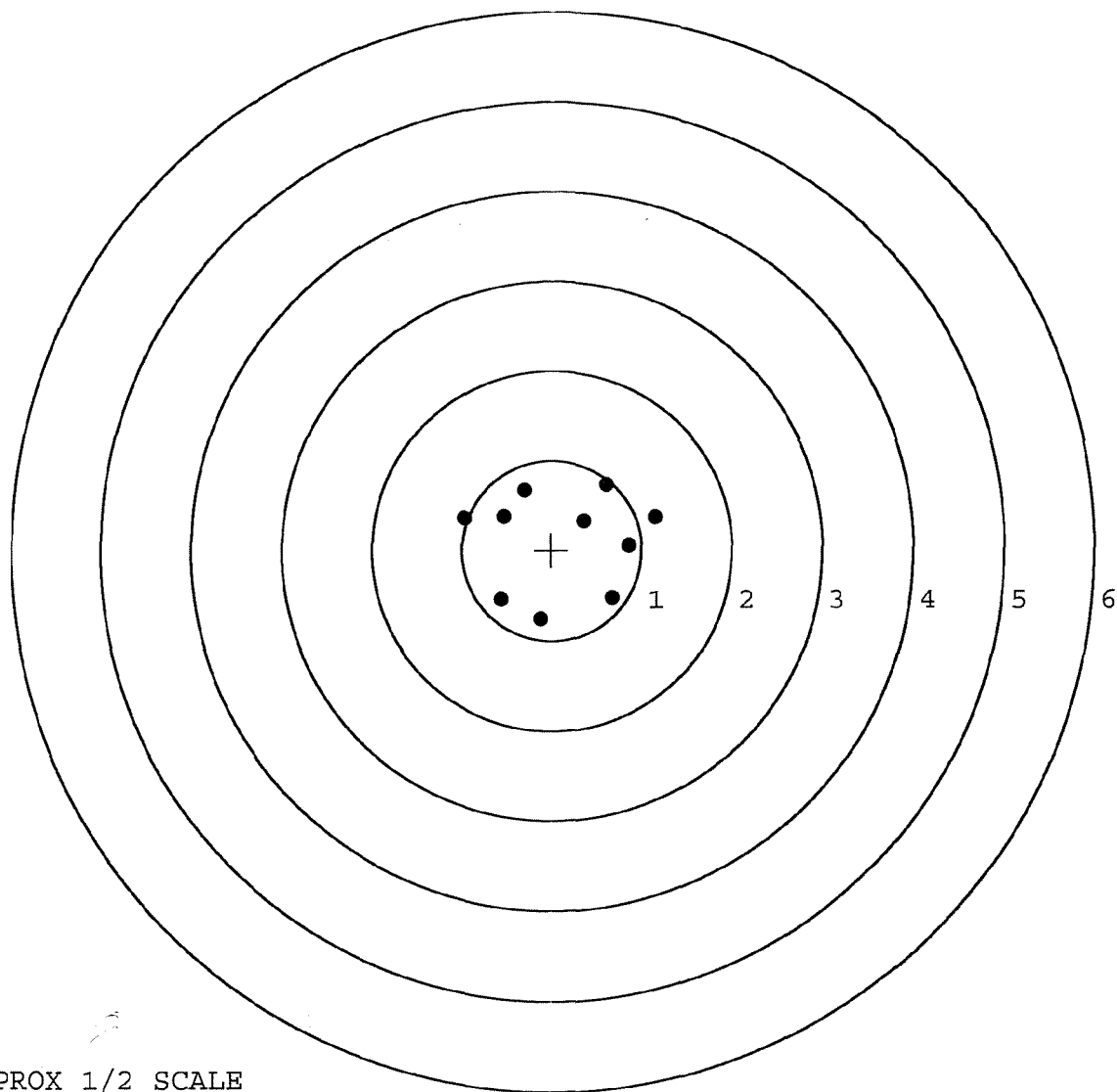


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577129. 0
TARGET NUMBER: 3
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	-0.976	0.348
2:	-0.538	0.371
3:	-0.303	0.661
4:	0.356	0.325
5:	0.609	0.730
6:	1.149	0.365
7:	0.865	0.048
8:	0.676	-0.527
9:	-0.125	-0.768
10:	-0.565	-0.548

X CENTROID: 0.115
Y CENTROID: 0.101
POA TO CENTROID: 0.153
HORZ SPREAD: 2.125
VERT SPREAD: 1.498
GROUP SPREAD: 2.125
MIN RADIUS: 0.330
MAX RADIUS: 1.119
MEAN RADIUS: 0.816
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

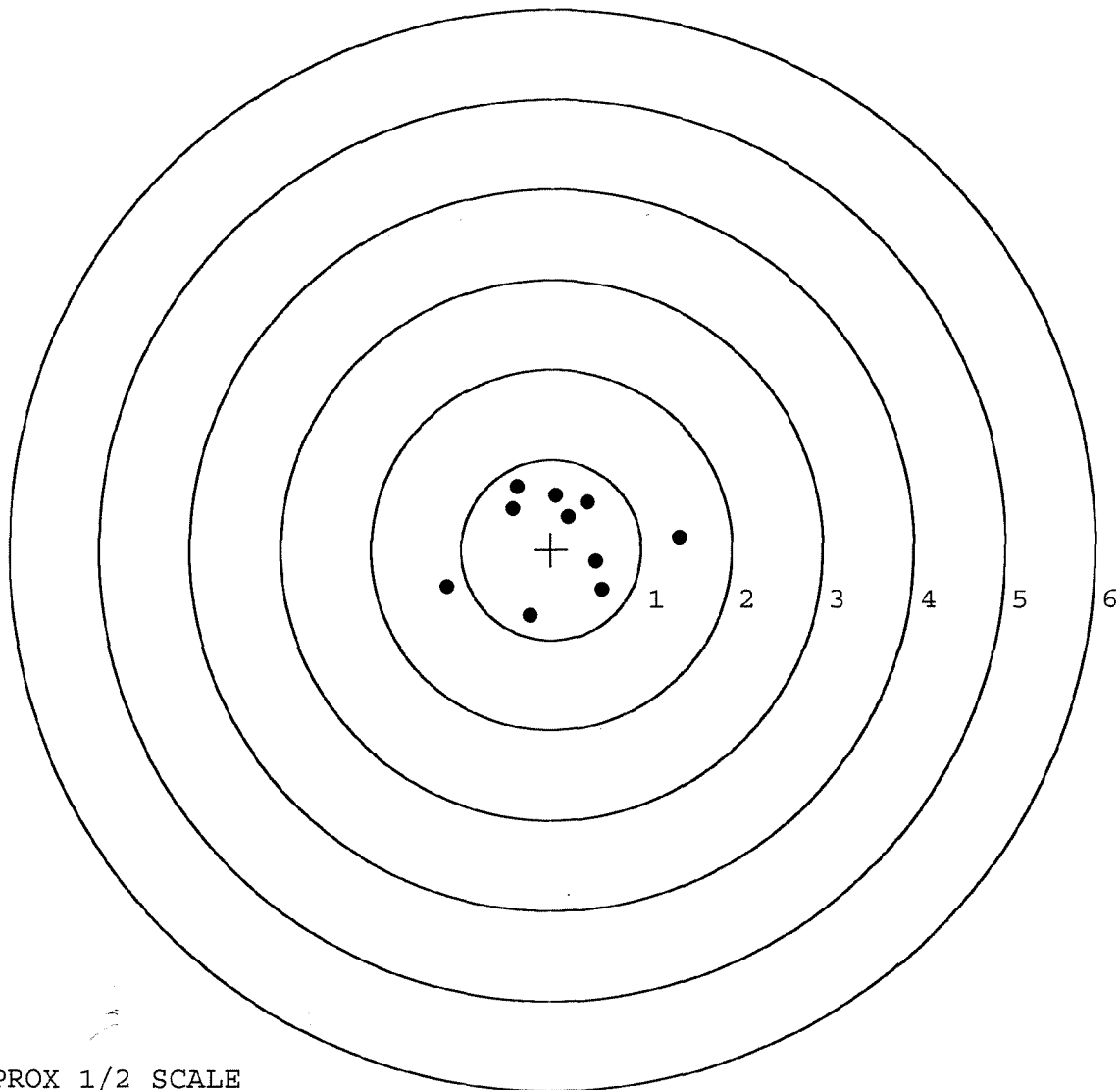


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 4
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	-0.432	0.459
2:	-0.380	0.698
3:	0.051	0.603
4:	0.189	0.364
5:	0.395	0.529
6:	0.497	-0.133
7:	0.562	-0.440
8:	1.414	0.137
9:	-0.238	-0.739
10:	-1.157	-0.422

X CENTROID: 0.090
Y CENTROID: 0.106
POA TO CENTROID: 0.139
HORZ SPREAD: 2.571
VERT SPREAD: 1.437
GROUP SPREAD: 2.631
MIN RADIUS: 0.277
MAX RADIUS: 1.354
MEAN RADIUS: 0.746
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577129. 0

TARGET NUMBER: 5

FILE DATE: 07/13/2006

FILE TIME: 17:47

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

1:	0.884	-0.445
----	-------	--------

2:	0.613	-1.414
----	-------	--------

3:	-0.448	-0.213
----	--------	--------

4:	0.013	-0.342
----	-------	--------

5:	-0.379	0.050
----	--------	-------

6:	0.346	-0.057
----	-------	--------

7:	0.118	0.247
----	-------	-------

8:	-0.064	0.583
----	--------	-------

9:	-0.042	0.329
----	--------	-------

10:	-0.247	0.050
-----	--------	-------

X CENTROID: 0.079

Y CENTROID: -0.121

POA TO CENTROID: 0.145

HORZ SPREAD: 1.332

VERT SPREAD: 1.997

GROUP SPREAD: 2.109

MIN RADIUS: 0.231

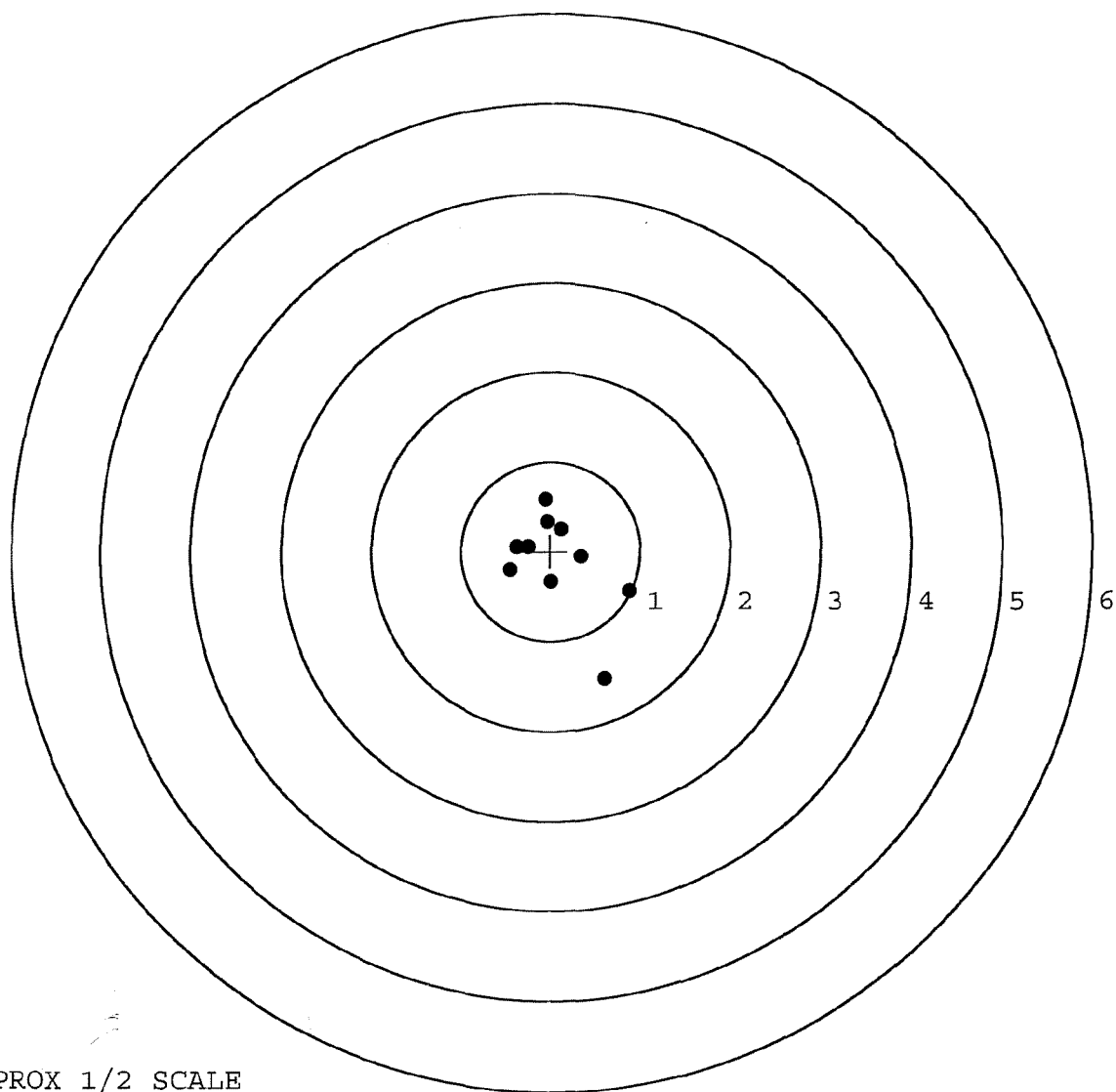
MAX RADIUS: 1.399

MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 6

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	113233			
SERIAL NUMBER	G6296713		G6577129 (NEW)	
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-5-06	BLC
505	RE-BARREL		7-5-06	BLC
560	ASSEMBLE		7-5-06	BLC
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	NTM
605	CHECK HEADSPACE	JUL 06 2006	7-5-06	NTM
610	DIS-ASSEMBLE GUN		7-6-06	BLC
612	MAGNAFLUX	OPERATOR <i>Curran</i>	7/6/06	<i>Curran</i>
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CU
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7/7	HP
625	FINAL ASSEMBLY		7-11-06	RIZ
640	FUNCTION TEST AND	(PASS) FAIL	7-13-06	NTM
650	TARGET	(PASS) FAIL	7-13-06	NTM
	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	2.51 2.49 2.43 2.44 2.67	7-14-06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 7.0 7.0	7-14-06 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0	7-14-06 RA
	I) FIRING PIN INDENT	.020	.022 .021 .022	7-14-06 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**

SERIAL NO.
66296713

ORDER NO.
25716

09XX

Made in Ilion, NY. Reg. U.S. Pat. & Tm. Off. Remco Registered Marque Deposited.



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



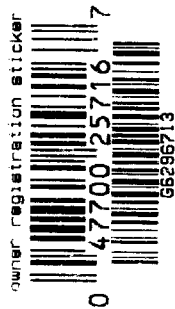
SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM

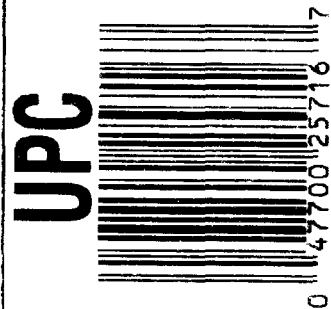


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296713



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66296713

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-13-03	Ac
607	CHECK HEADSPACE	INSPECTED	11-13-03	Ac
610	DIS-ASSEMBLE GUN	NOV 13 2003	11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-13-03	JS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRLW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/20/03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/20/03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/20/03	RW
	D) OIL FIRING PIN ASSEMBLY		11/20/03	RW
	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>7.5</u> <u>7</u> <u>8</u>	<u>12/4/03</u>	<u>RM</u>
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	<u>12/4/03</u>	<u>RM</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	<u>12/4/03</u>	<u>RM</u>
	J) ASSEMBLE STOCK		<u>11/20/03</u>	<u>RM</u>
	K) ASSEMBLE SWIVEL STUDS		<u>12-6-03</u>	<u>RTL</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>11/20/03</u>	<u>RM</u>
	M) IRON SIGHT ALIGNMENT		<u>11/20/03</u>	<u>RM</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>11/20/03</u>	<u>RM</u>
640	GALLERY TEST AND TARGET	PASS FAIL	<u>12-1-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-1-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-1-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-1-03</u>	<u>A</u>
	MALFUNCTION	CORRECTION	<u>12-1-03</u>	<u>A</u>
645	INSPECT FOR LIVE AMMO		<u>12-1-03</u>	<u>A</u>
655	FINAL INSPECTION A) HEADSPACE		<u>12-6-03</u>	<u>RTL</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>263</u> <u>279</u> <u>272</u> <u>268</u> <u>270</u>	<u>12-6-03</u>	<u>RTL</u>
	C) FUNCTION		<u>12-6-03</u>	<u>RTL</u>
660	PACK		<u>12/8/03</u>	<u>RA</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 11-20-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.88		2.28	
PULL #2	2.52	2.75		2.54	
PULL #3	2.13	2.75		2.77	
PULL #4	2.43	2.64		2.72	
PULL #5	2.44	2.93		2.71	
TOTAL	12.05	13.95		13.02	
AVERAGE	2.41	2.79		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.48		
PULL #2	3.20	2.77		
PULL #3	3.27	2.84		
PULL #4	3.17	3.09		
PULL #5	3.05	3.14		
TOTAL	16.01	15.32		
AVERAGE	3.20	3.06		

	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	4.10	3.92		3.78
PULL #2	4.13	4.12		4.26
PULL #3	4.02	4.11		4.05
PULL #4	4.09	3.91		4.06
PULL #5	4.31	3.94		4.08
TOTAL	20.65	20.00		20.23
AVERAGE	4.13	4.00		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296713.___0

FILE DATE AND TIME: 12/01/2003 10:47

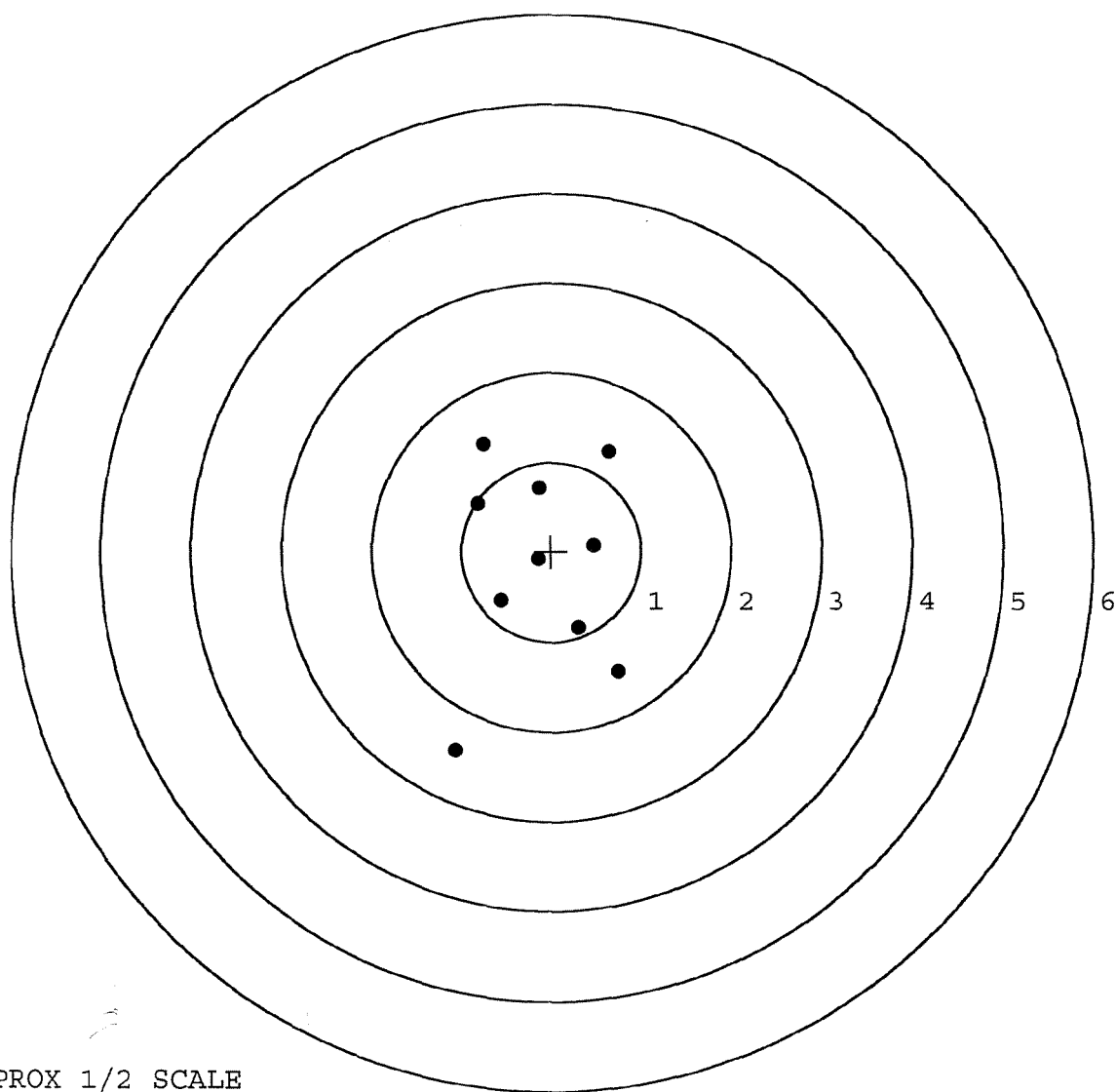
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.005
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.778
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.279
The Distance from Centroid Target #4 to Centroid Target #1:	0.369
The Distance from Centroid Target #5 to Centroid Target #1:	0.254

SERIAL NUMBER: G6296713. 0
TARGET NUMBER: 1
FILE DATE: 12/01/2003
FILE TIME: 10:47

POINT#	X	Y
1:	-0.766	1.196
2:	0.639	1.115
3:	-0.134	0.707
4:	-0.821	0.527
5:	0.476	0.072
6:	-0.141	-0.092
7:	-0.562	-0.547
8:	0.307	-0.851
9:	0.753	-1.327
10:	-1.057	-2.217

X CENTROID: -0.131
Y CENTROID: -0.142
POA TO CENTROID: 0.193
HORZ SPREAD: 1.810
VERT SPREAD: 3.413
GROUP SPREAD: 3.739
MIN RADIUS: 0.051
MAX RADIUS: 2.273
MEAN RADIUS: 1.063
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

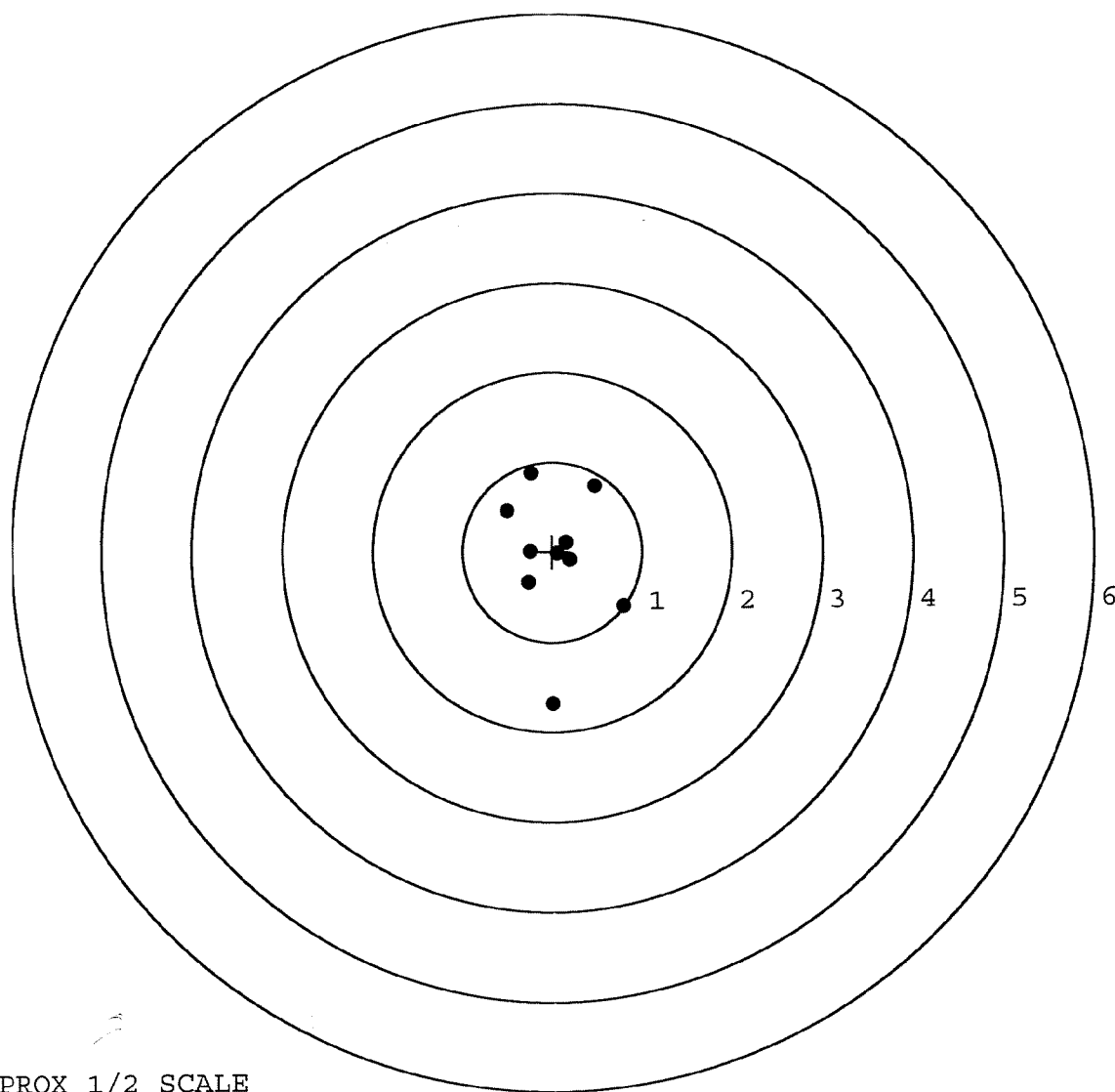


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 2
FILE DATE: 12/01/2003
FILE TIME: 10:47

POINT#	X	Y
1:	0.474	0.732
2:	-0.237	0.877
3:	-0.504	0.456
4:	0.790	-0.607
5:	0.000	-1.691
6:	-0.271	-0.345
7:	-0.251	-0.005
8:	0.156	0.101
9:	0.196	-0.098
10:	0.054	-0.026

X CENTROID: 0.041
Y CENTROID: -0.061
POA TO CENTROID: 0.073
HORZ SPREAD: 1.294
VERT SPREAD: 2.568
GROUP SPREAD: 2.579
MIN RADIUS: 0.037
MAX RADIUS: 1.631
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

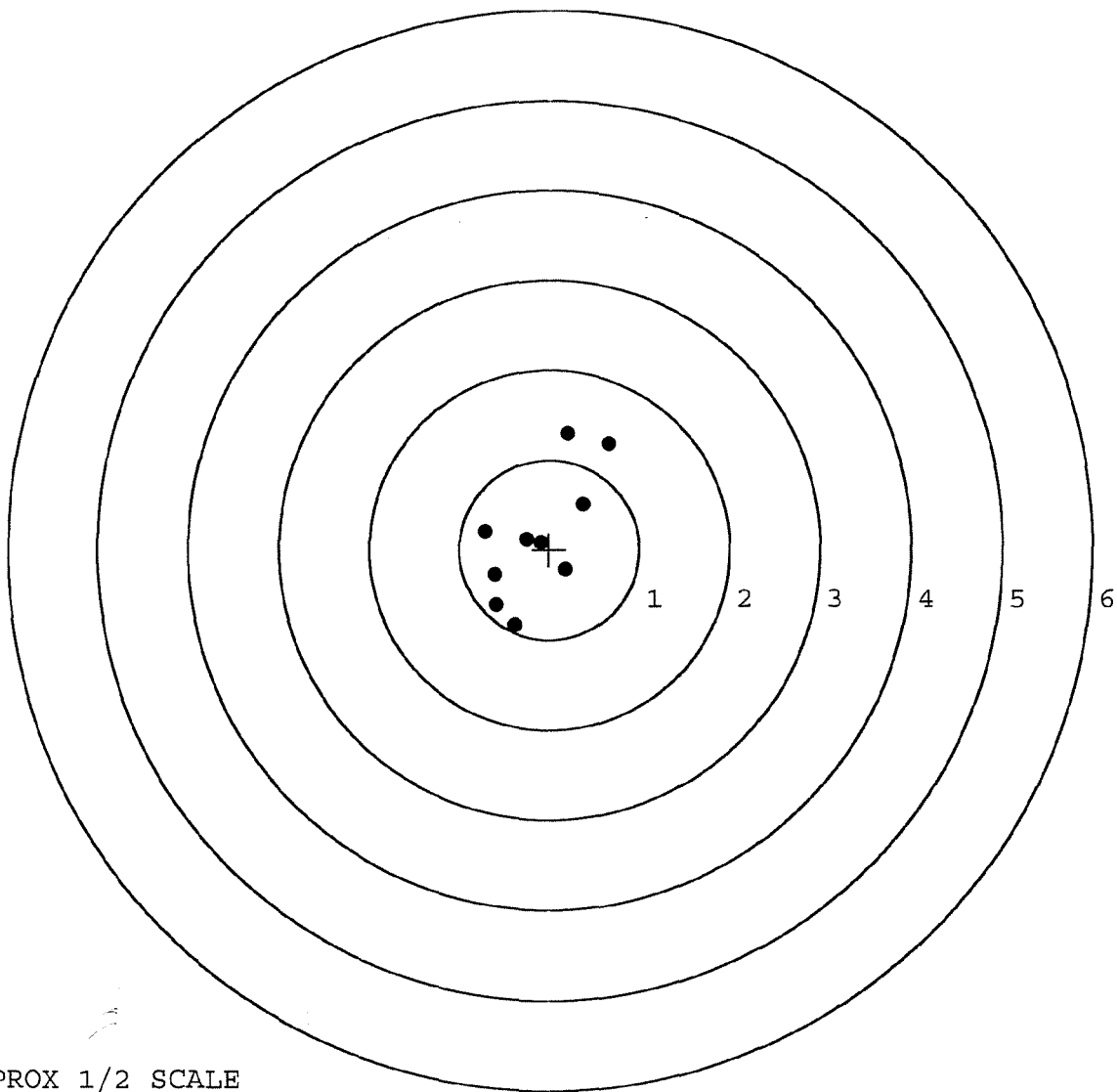


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 3
FILE DATE: 12/01/2003
FILE TIME: 10:47

POINT#	X	Y
1:	0.202	1.292
2:	0.655	1.180
3:	0.375	0.500
4:	0.184	-0.227
5:	-0.087	0.078
6:	-0.715	0.198
7:	-0.601	-0.290
8:	-0.380	-0.851
9:	-0.590	-0.623
10:	-0.252	0.115

X CENTROID: -0.121
Y CENTROID: 0.137
POA TO CENTROID: 0.183
HORZ SPREAD: 1.370
VERT SPREAD: 2.143
GROUP SPREAD: 2.280
MIN RADIUS: 0.068
MAX RADIUS: 1.300
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296713. 0

TARGET NUMBER: 4

FILE DATE: 12/01/2003

FILE TIME: 10:47

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

1:	0.728	0.873
----	-------	-------

2:	0.566	0.334
----	-------	-------

3:	0.252	0.174
----	-------	-------

4:	0.127	-0.088
----	-------	--------

5:	-0.074	-0.352
----	--------	--------

6:	-0.392	-0.596
----	--------	--------

7:	-0.444	-0.035
----	--------	--------

8:	-0.898	-0.054
----	--------	--------

9:	-0.244	0.449
----	--------	-------

10:	2.142	-0.080
-----	-------	--------

X CENTROID: 0.176

Y CENTROID: 0.063

POA TO CENTROID: 0.187

HORZ SPREAD: 3.040

VERT SPREAD: 1.469

GROUP SPREAD: 3.040

MIN RADIUS: 0.135

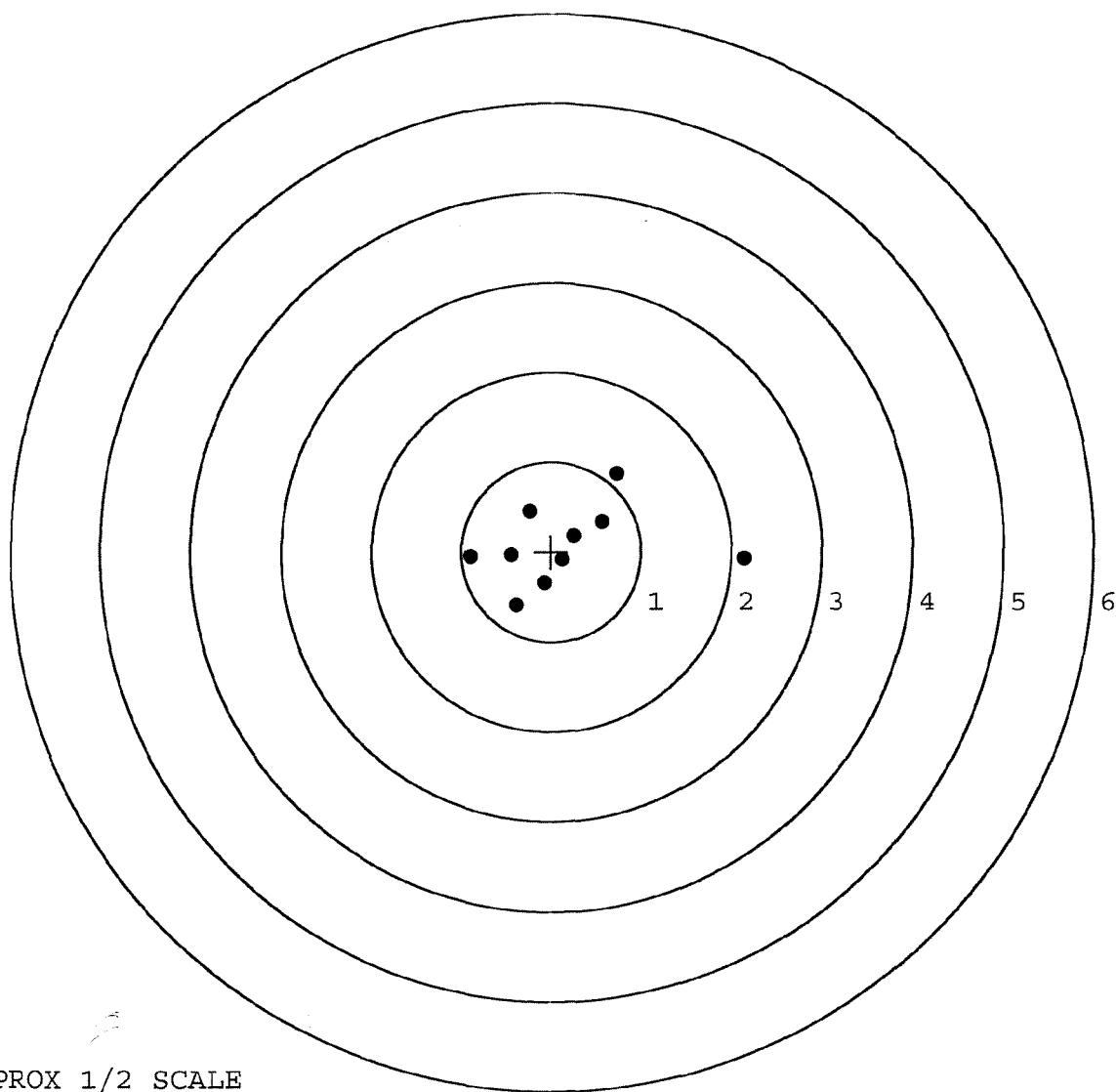
MAX RADIUS: 1.971

MEAN RADIUS: 0.735

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296713. 0

TARGET NUMBER: 5

FILE DATE: 12/01/2003

FILE TIME: 10:47

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

1:	0.413	1.077
----	-------	-------

2:	-0.202	1.068
----	--------	-------

3:	-0.911	0.519
----	--------	-------

4:	0.857	0.513
----	-------	-------

5:	0.356	-0.073
----	-------	--------

6:	-0.115	-0.246
----	--------	--------

7:	-0.404	-0.318
----	--------	--------

8:	-0.493	-0.847
----	--------	--------

9:	0.264	-0.635
----	-------	--------

10:	0.321	-0.347
-----	-------	--------

X CENTROID: 0.009

Y CENTROID: 0.071

POA TO CENTROID: 0.072

HORZ SPREAD: 1.768

VERT SPREAD: 1.924

GROUP SPREAD: 2.127

MIN RADIUS: 0.340

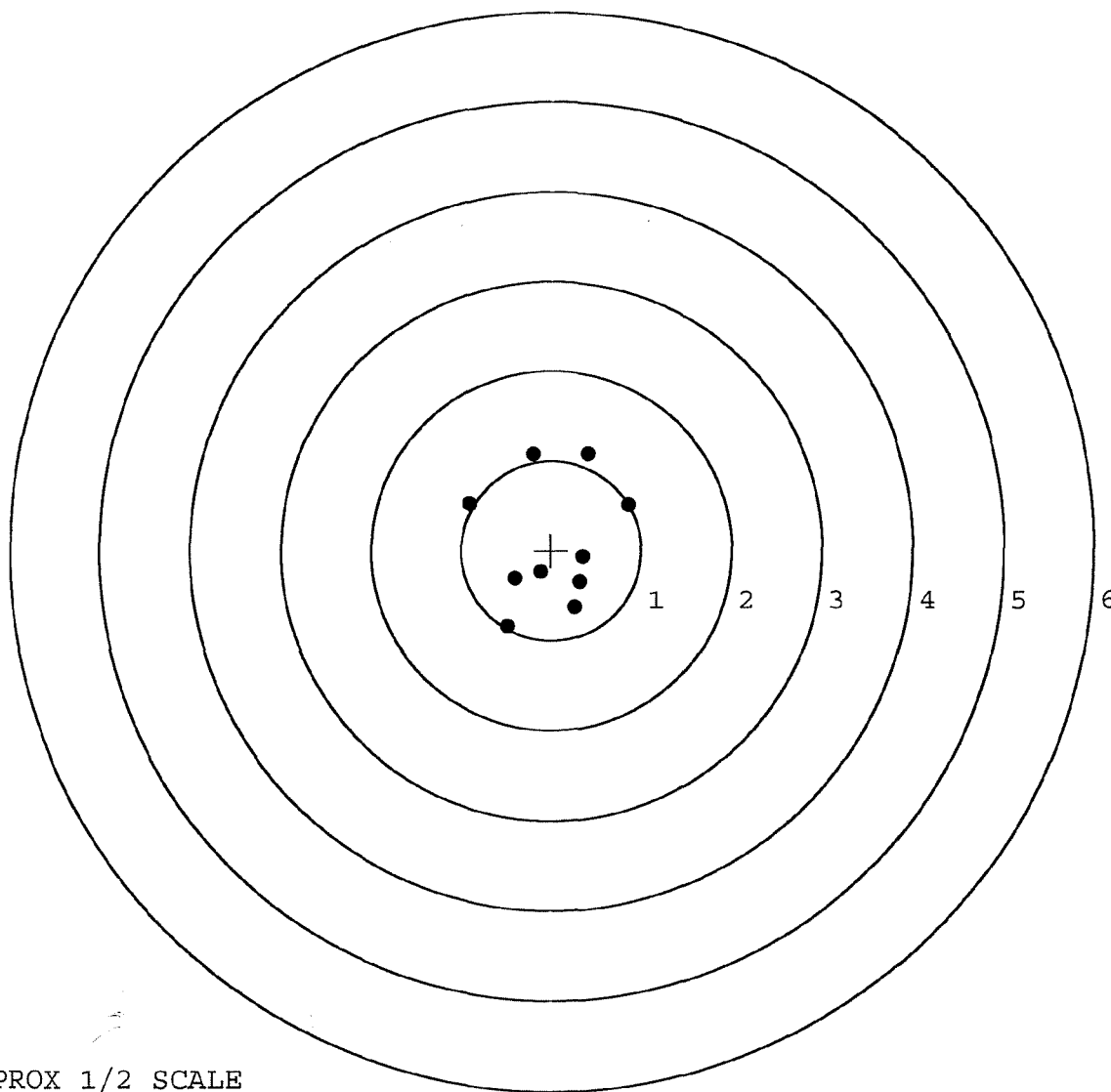
MAX RADIUS: 1.084

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE