

G657 713c
Replaced
G629 6708

Repair Inquiry

Repair Number: RE00113238

Serial: G6296708 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Status: Closed 6/5/2006 1:19:21 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

nagletj

6/6/2006

7:55 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:55 AM

Serial Number:

G6296708

Model: M24 SWS



RE00113238

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577136. __0
FILE DATE AND TIME: 07/14/2006 17:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.168
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.183
The Average Mean Radius of the Five Target Set:	0.697
The Distance from POA to Centroid Target #1:	0.561
The Distance from Centroid Target #2 to Centroid Target #1:	0.805
The Distance from Centroid Target #3 to Centroid Target #1:	0.421
The Distance from Centroid Target #4 to Centroid Target #1:	0.288
The Distance from Centroid Target #5 to Centroid Target #1:	0.451

SERIAL NUMBER: G6577136. __0

TARGET NUMBER: 1

FILE DATE: 07/14/2006

FILE TIME: 17:15

POINT#	X	Y
1:	-0.348	-1.257
2:	-0.469	-0.718
3:	-0.063	-0.470
4:	-0.432	-0.502
5:	-0.441	-0.201
6:	0.578	-0.530
7:	0.463	-0.038
8:	-1.587	-0.724
9:	-1.092	0.250
10:	-1.031	0.731

X CENTROID: -0.442

Y CENTROID: -0.346

POA TO CENTROID: 0.561

HORZ SPREAD: 2.165

VERT SPREAD: 1.988

GROUP SPREAD: 2.102

MIN RADIUS: 0.145

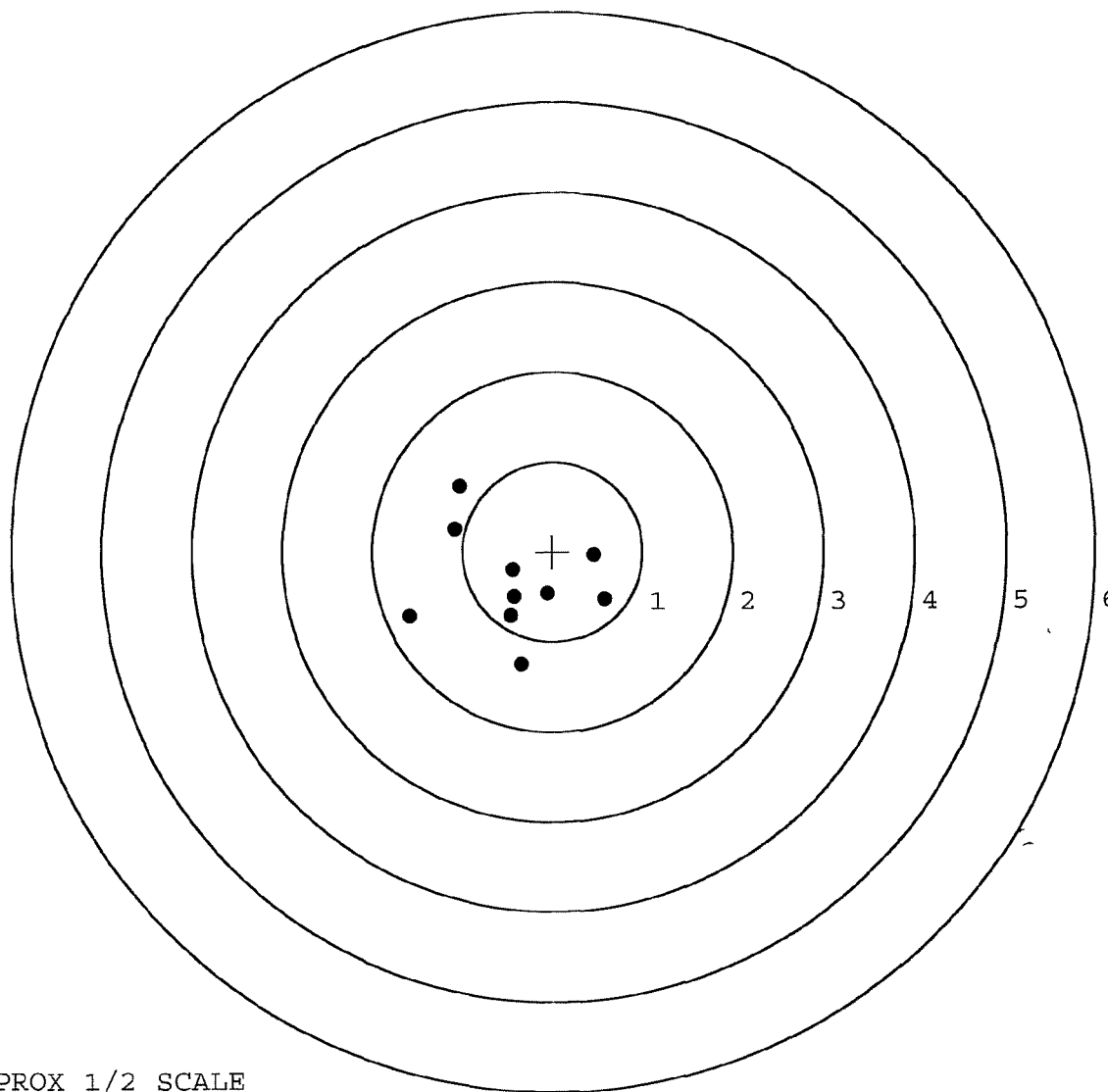
MAX RADIUS: 1.227

MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. __ 0

TARGET NUMBER: 2

FILE DATE: 07/14/2006

FILE TIME: 17:15

POINT#	X	Y
1:	0.887	-0.992
2:	0.782	0.594
3:	0.452	0.699
4:	0.721	-0.064
5:	0.459	0.168
6:	0.052	0.630
7:	0.011	0.271
8:	-0.655	-0.055
9:	-0.429	-0.744
10:	-1.060	-0.208

X CENTROID: 0.122

Y CENTROID: 0.228

POA TO CENTROID: 0.259

HORZ SPREAD: 1.947

VERT SPREAD: 1.736

GROUP SPREAD: 2.287

MIN RADIUS: 0.119

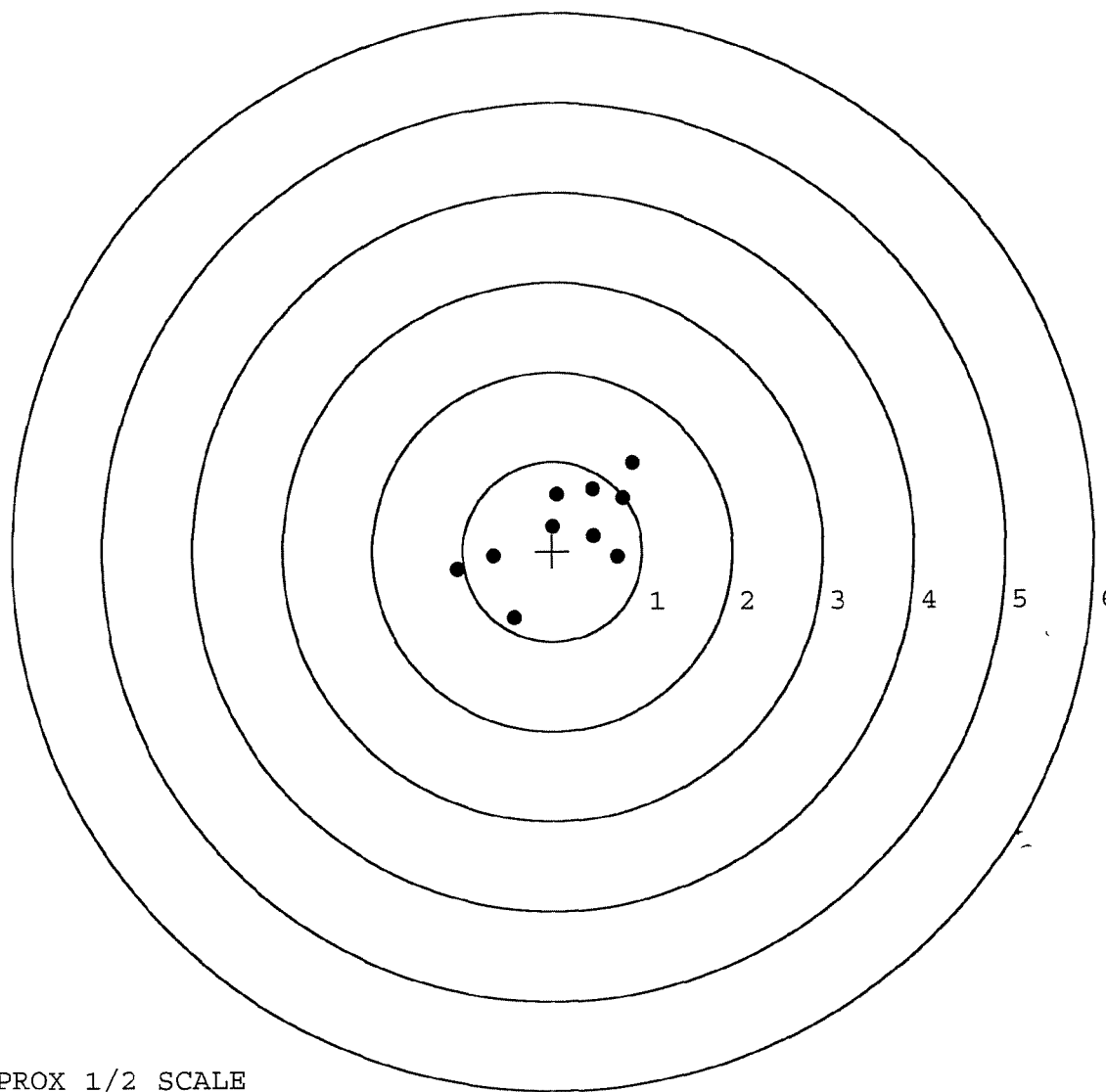
MAX RADIUS: 1.260

MEAN RADIUS: 0.715

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

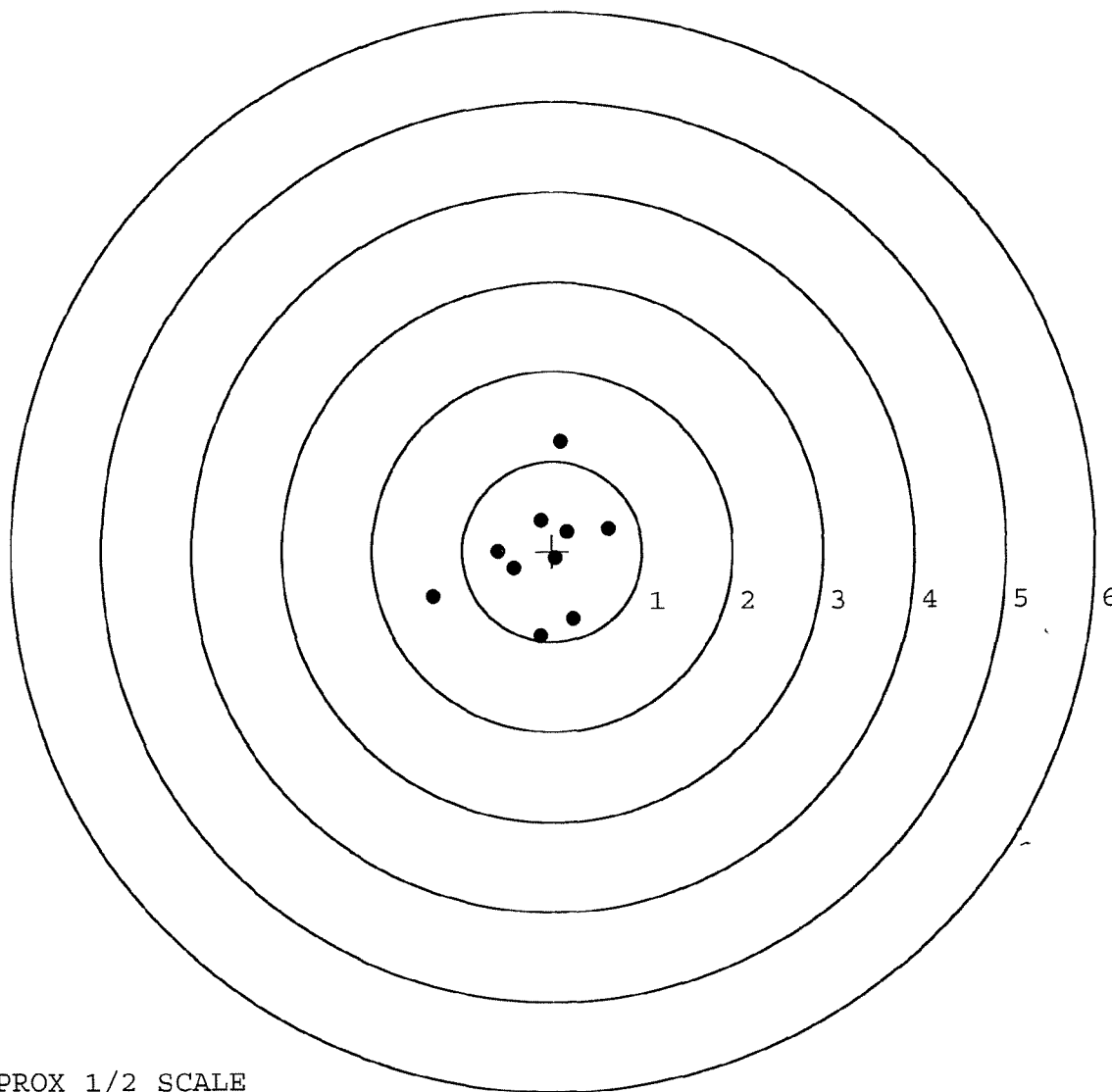


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. __0
TARGET NUMBER: 3
FILE DATE: 07/14/2006
FILE TIME: 17:15

X CENTROID: -0.147
Y CENTROID: -0.045
POA TO CENTROID: 0.154
HORZ SPREAD: 1.946
VERT SPREAD: 2.162
GROUP SPREAD: 2.231
MIN RADIUS: 0.188
MAX RADIUS: 1.285
MEAN RADIUS: 0.683
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.095	1.217
2:	-0.131	0.341
3:	0.164	0.215
4:	0.621	0.254
5:	0.230	-0.756
6:	-0.135	-0.945
7:	-0.430	-0.190
8:	-0.602	-0.002
9:	-1.325	-0.504
10:	0.038	-0.078



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. __0

TARGET NUMBER: 4

FILE DATE: 07/14/2006

FILE TIME: 17:15

POINT#	X	Y
1:	-0.536	-1.031
2:	-1.042	-0.806
3:	-0.498	-0.286
4:	-1.232	0.171
5:	-0.190	-0.288
6:	-0.349	0.115
7:	0.010	0.161
8:	-0.017	0.668
9:	0.797	0.550
10:	-0.083	-0.136

X CENTROID: -0.314

Y CENTROID: -0.088

POA TO CENTROID: 0.326

HORZ SPREAD: 2.029

VERT SPREAD: 1.699

GROUP SPREAD: 2.285

MIN RADIUS: 0.206

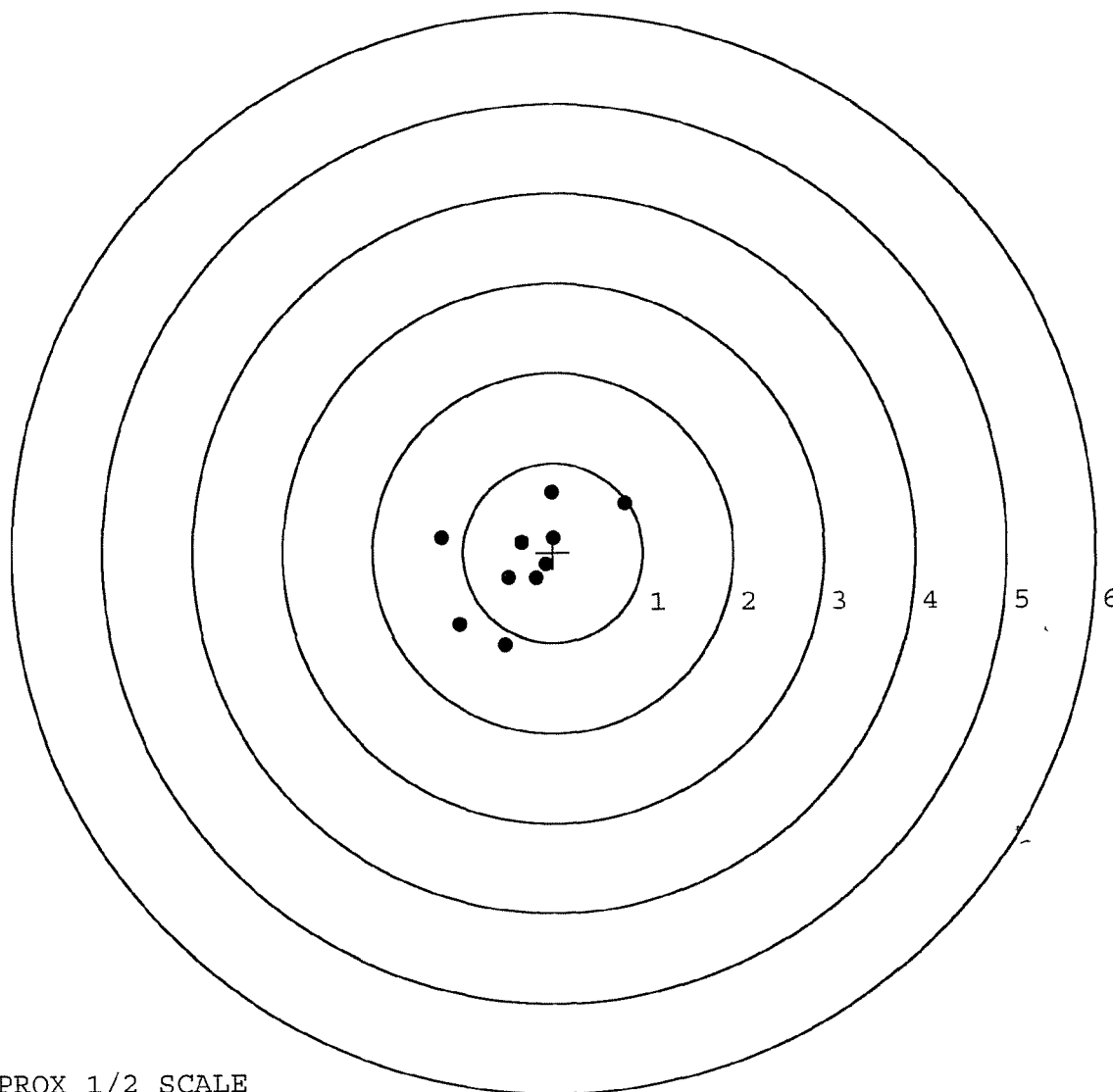
MAX RADIUS: 1.281

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577136. __0

TARGET NUMBER: 5

FILE DATE: 07/14/2006

FILE TIME: 17:15

POINT#	X	Y
1:	-0.446	-0.889
2:	-0.341	-0.733
3:	-0.186	-0.496
4:	0.015	-0.327
5:	0.600	-0.415
6:	1.016	-0.030
7:	0.466	0.405
8:	-0.465	-0.029
9:	-0.301	0.649
10:	-0.936	0.756

X CENTROID: -0.058

Y CENTROID: -0.111

POA TO CENTROID: 0.125

HORZ SPREAD: 1.952

VERT SPREAD: 1.645

GROUP SPREAD: 2.104

MIN RADIUS: 0.228

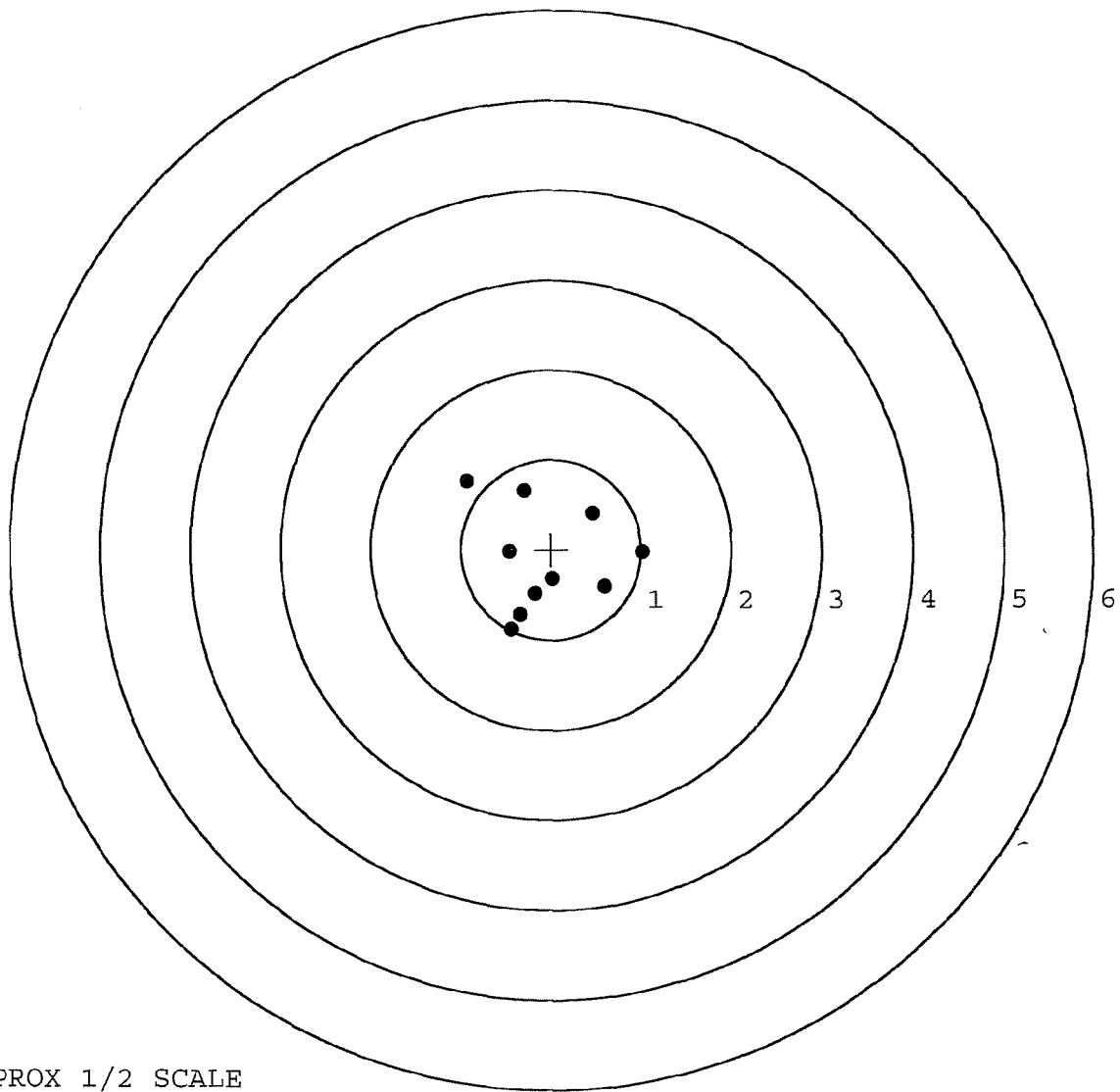
MAX RADIUS: 1.234

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

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 7-5-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	262	227		245	
PULL #2	250	231		255	
PULL #3	243	227		240	
PULL #4	249	247		238	
PULL #5	249	244		256	
TOTAL	1253	1126		1234	
AVERAGE	250	235		246	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	301	312		
PULL #2	306	310		
PULL #3	309	310		
PULL #4	321	301		
PULL #5	314	294		
TOTAL	1551	1527		
AVERAGE	310	305		

	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	409	393		419
PULL #2	417	417		409
PULL #3	398	422		400
PULL #4	385	413		417
PULL #5	408	413		414
TOTAL	2017	2058		2059
AVERAGE	403	411		411

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

R & E NUMBER	113238			
SERIAL NUMBER	G6296708		G6577136 (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	WJH
605	CHECK HEADSPACE		7-5-06	WJH
610	DIS-ASSEMBLE GUN	JUL 06 2006	7-6-06	BLC
612	MAGNAFLUX	OPERATOR <i>WJH</i>	7-6-06	<i>WJH</i>
510	DRILL AND TAP		7-6-06	TRG
615	ROLLMARK CALIBER		7-7-06	WJH
618	ROTO-BLAST		7-7-06	WJH
620	APPLY COATINGS		7-7-06	WJH
625	FINAL ASSEMBLY		7-11-06	BLC
640	FUNCTION TEST AND	PASS FAIL	7-14-06	R.P.D.
650	TARGET	PASS FAIL	7-14-06	R.P.D.
	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	2.42 2.60 2.68 2.79 2.65 7-17-06	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 7.0 7.0 7-17-06	RA
	G) SAFETY OFF FORCE	2 LBS MIN	5.0 5.0 5.0 7-17-06	RA
	I) FIRING PIN INDENT	.020	.022 .023 .023 7-17-06	RA
690	PACK		8-1-06	RA

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



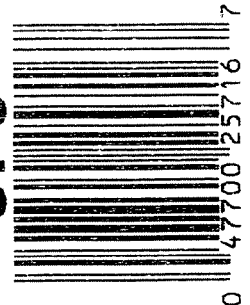
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296708

UPC



VERY IMPORTANT
INSTRUMENT - READ
SERIAL NO. 66296708
DATE ISSUED 01-01-01

Remington

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

Serial No. 66296708
Order No. 25716
DD

Printed in U.S.A. Remington-Union, N.Y. Remington-Union, N.Y. Remington-Union, N.Y.

5716 66296708

09XX

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 # 66296708

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF			
607	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN		11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	BS		
615	ROLLMARK CALIBER		11-14-03	BS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRL
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-1-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-1-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-1-03	DA
	D) OIL FIRING PIN ASSEMBLY		12-1-03	DA
	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>8.5</u> <u>8</u> <u>8</u>	12/4/03	RCW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	12/4/03	RCW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.024</u> <u>.024</u>	12/4/03	RCW
	J) ASSEMBLE STOCK		12-1-03	RTC
	K) ASSEMBLE SWIVEL STUDS		12-8-03	RTC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-1-03	RTC
	M) IRON SIGHT ALIGNMENT		12-1-03	RTC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-1-03	RTC
640	GALLERY TEST AND TARGET	PASS FAIL	12-2-03	A
	MALFUNCTION	CORRECTION	12-2-03	A
	MALFUNCTION	CORRECTION	12-2-03	A
	MALFUNCTION	CORRECTION	12-2-03	A
	MALFUNCTION	CORRECTION	12-2-03	A
645	INSPECT FOR LIVE AMMO		12-2-03	A
655	FINAL INSPECTION A) HEADSPACE		12-8-03	RTC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.82</u> <u>2.81</u> <u>2.80</u> <u>2.76</u> <u>2.57</u>	12/4/03	RCW
	C) FUNCTION		12-8-03	RTC
660	PACK		12/8/03	RTA

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 11-5-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.39	2.51		2.35	
PULL #2	2.32	2.39		2.27	
PULL #3	2.57	2.29		2.35	
PULL #4	2.64	2.43		2.18	
PULL #5	2.32	2.18		2.20	
TOTAL	12.24	11.80		11.35	
AVERAGE	2.44	2.36		2.27	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.05		
PULL #2	3.29	3.01		
PULL #3	3.15	3.06		
PULL #4	3.19	2.93		
PULL #5	3.10	2.99		
TOTAL	16.13	15.04		
AVERAGE	3.22	3.00		

	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	4.33	4.35		4.27
PULL #2	4.10	4.20		4.30
PULL #3	4.03	4.19		4.45
PULL #4	4.04	4.16		4.19
PULL #5	4.14	4.29		4.10
TOTAL	20.64	21.19		21.31
AVERAGE	4.12	4.23		4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296708.__0
FILE DATE AND TIME: 12/02/2003 11:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	0.242
The Average Point of Impact of the Five Target Set:	0.243
The Average Mean Radius of the Five Target Set:	0.823
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.303
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.182
The Distance from Centroid Target #5 to Centroid Target #1:	0.127

SERIAL NUMBER: G6296708.___0

TARGET NUMBER: 1

FILE DATE: 12/02/2003

FILE TIME: 11:31

POINT#	X	Y
1:	0.650	-0.850
2:	1.000	0.719
3:	0.430	0.273
4:	0.314	-0.056
5:	-0.213	0.426
6:	-0.318	0.183
7:	-0.411	-0.146
8:	-0.851	0.834
9:	-0.748	-0.779
10:	-0.372	-0.951

X CENTROID: -0.052

Y CENTROID: 0.135

POA TO CENTROID: 0.145

HORZ SPREAD: 1.851

VERT SPREAD: 1.801

GROUP SPREAD: 2.302

MIN RADIUS: 0.270

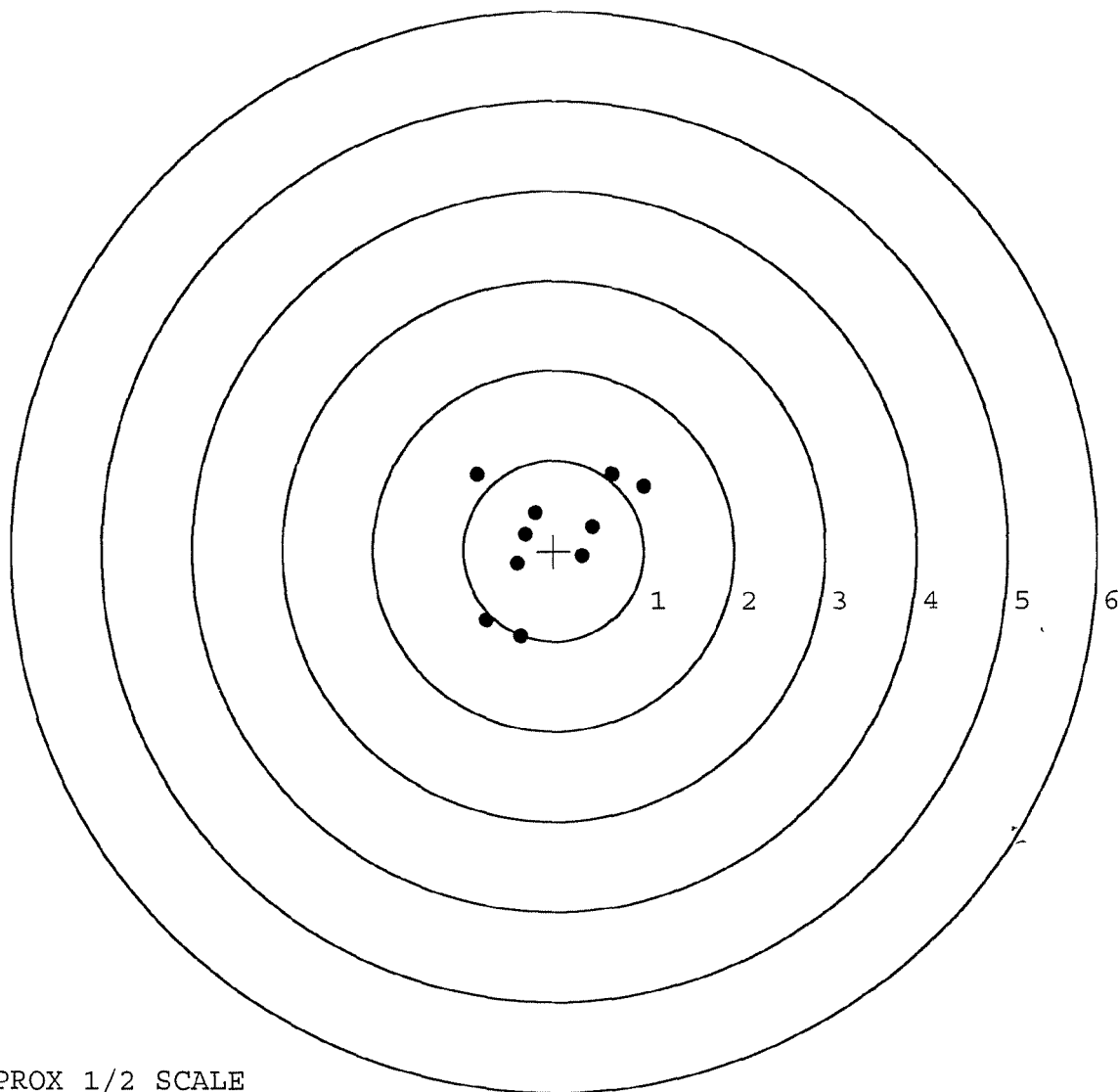
MAX RADIUS: 1.203

MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708.___0

TARGET NUMBER: 2

FILE DATE: 12/02/2003

FILE TIME: 11:31

X CENTROID: -0.181

Y CENTROID: 0.409

POA TO CENTROID: 0.448

HORZ SPREAD: 2.142

VERT SPREAD: 2.797

GROUP SPREAD: 2.837

MIN RADIUS: 0.327

MAX RADIUS: 1.433

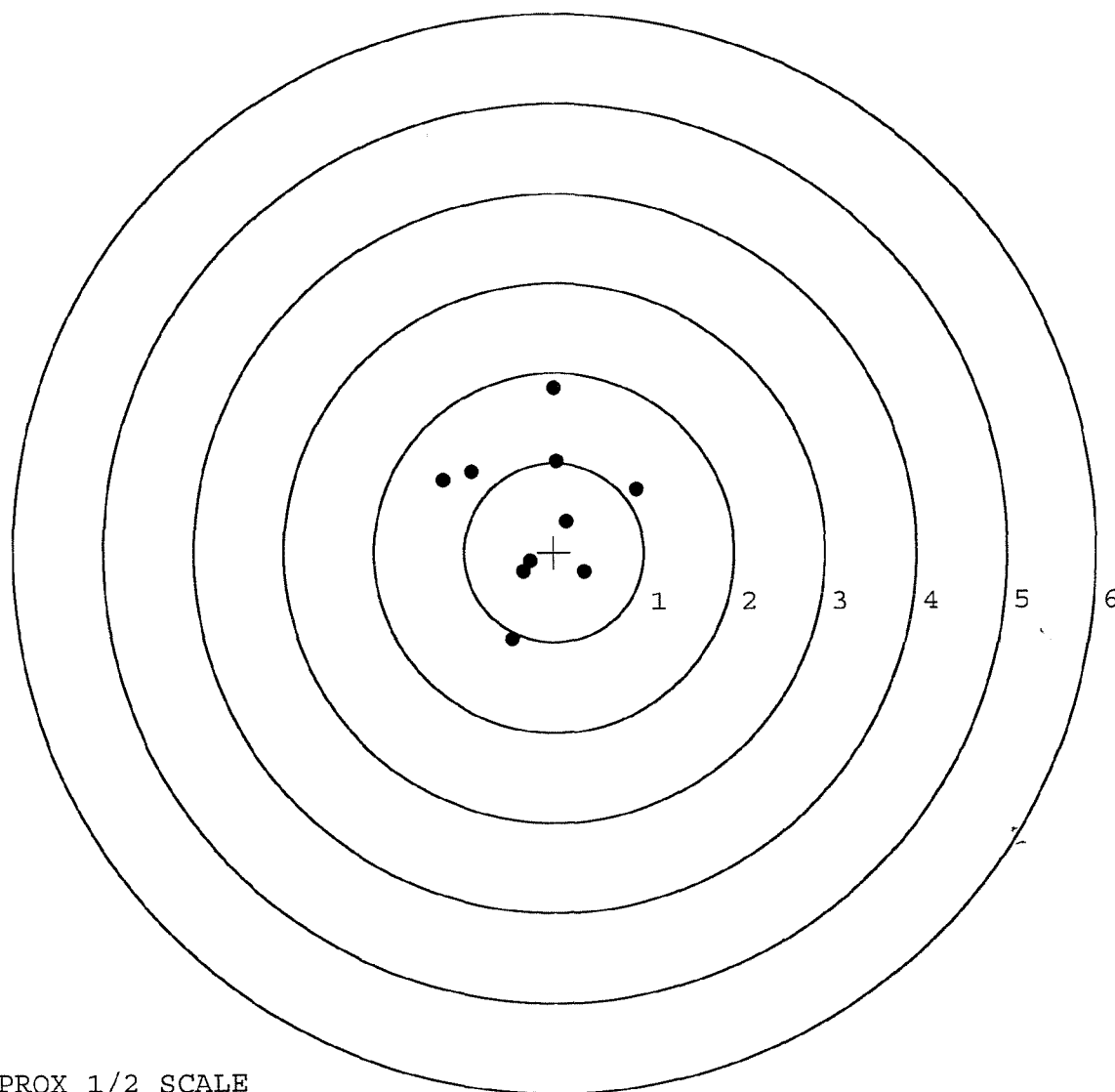
MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.914	-0.701
2:	0.005	1.830
3:	0.028	1.016
4:	-0.917	0.901
5:	-1.228	0.805
6:	-0.470	-0.967
7:	-0.345	-0.217
8:	0.336	-0.217
9:	-0.273	-0.102
10:	0.139	0.343

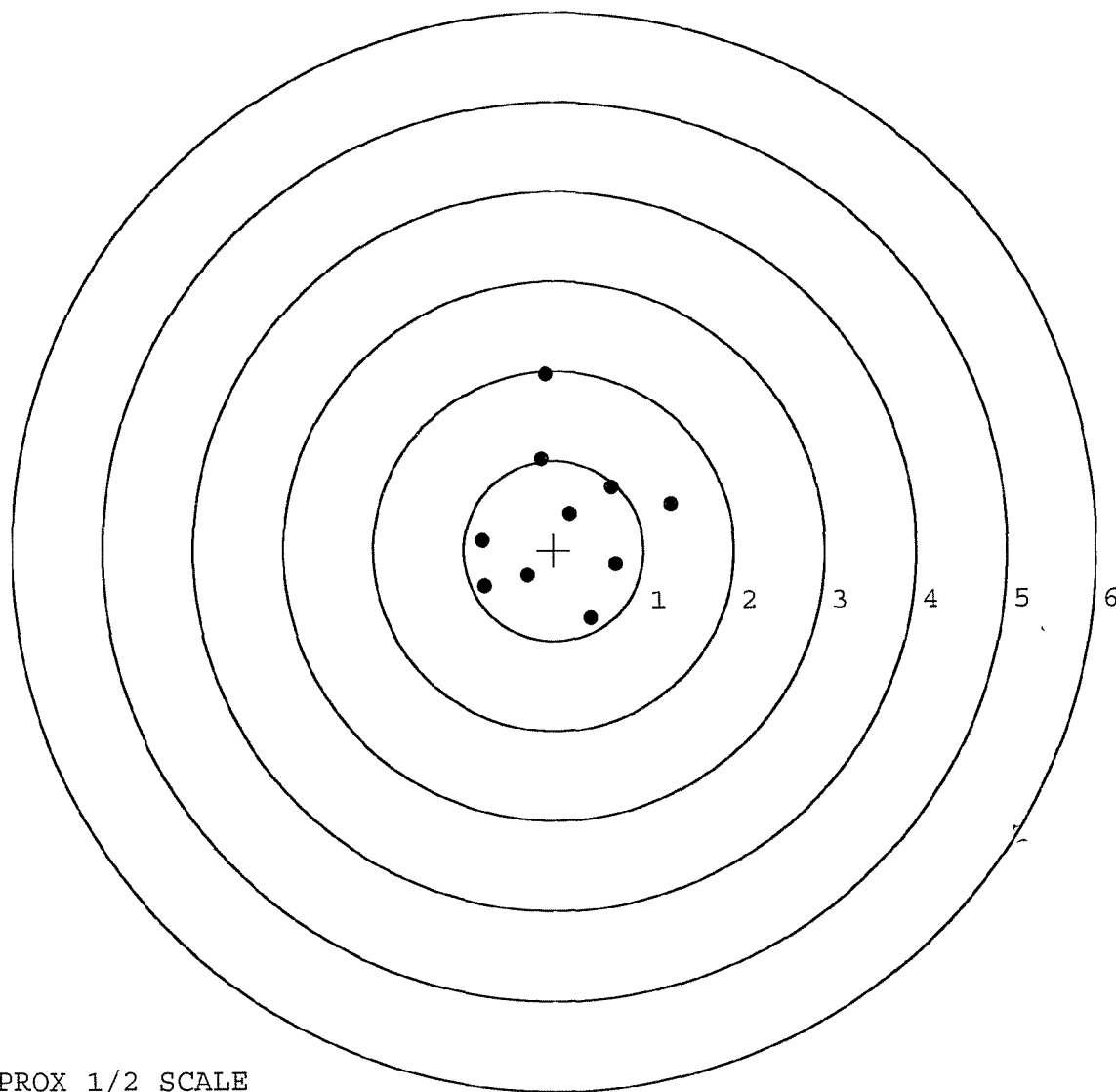


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. __0
TARGET NUMBER: 3
FILE DATE: 12/02/2003
FILE TIME: 11:31

X CENTROID: 0.113
Y CENTROID: 0.312
POA TO CENTROID: 0.332
HORZ SPREAD: 2.096
VERT SPREAD: 2.707
GROUP SPREAD: 2.753
MIN RADIUS: 0.112
MAX RADIUS: 1.661
MEAN RADIUS: 0.901
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.091	-1.960
2:	-0.136	1.014
3:	0.641	0.704
4:	1.304	0.502
5:	0.174	0.406
6:	0.692	-0.160
7:	0.412	-0.747
8:	-0.297	-0.282
9:	-0.773	-0.398
10:	-0.792	0.117



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. __0

TARGET NUMBER: 4

FILE DATE: 12/02/2003

FILE TIME: 11:31

POINT#	X	Y
1:	0.137	-1.331
2:	0.101	0.864
3:	0.849	0.544
4:	0.722	0.012
5:	0.346	-0.038
6:	-0.306	-0.317
7:	-0.598	-0.664
8:	-0.004	-0.715
9:	0.055	-1.256
10:	-0.027	1.267

X CENTROID: 0.128

Y CENTROID: 0.103

POA TO CENTROID: 0.164

HORZ SPREAD: 1.447

VERT SPREAD: 2.587

GROUP SPREAD: 2.588

MIN RADIUS: 0.260

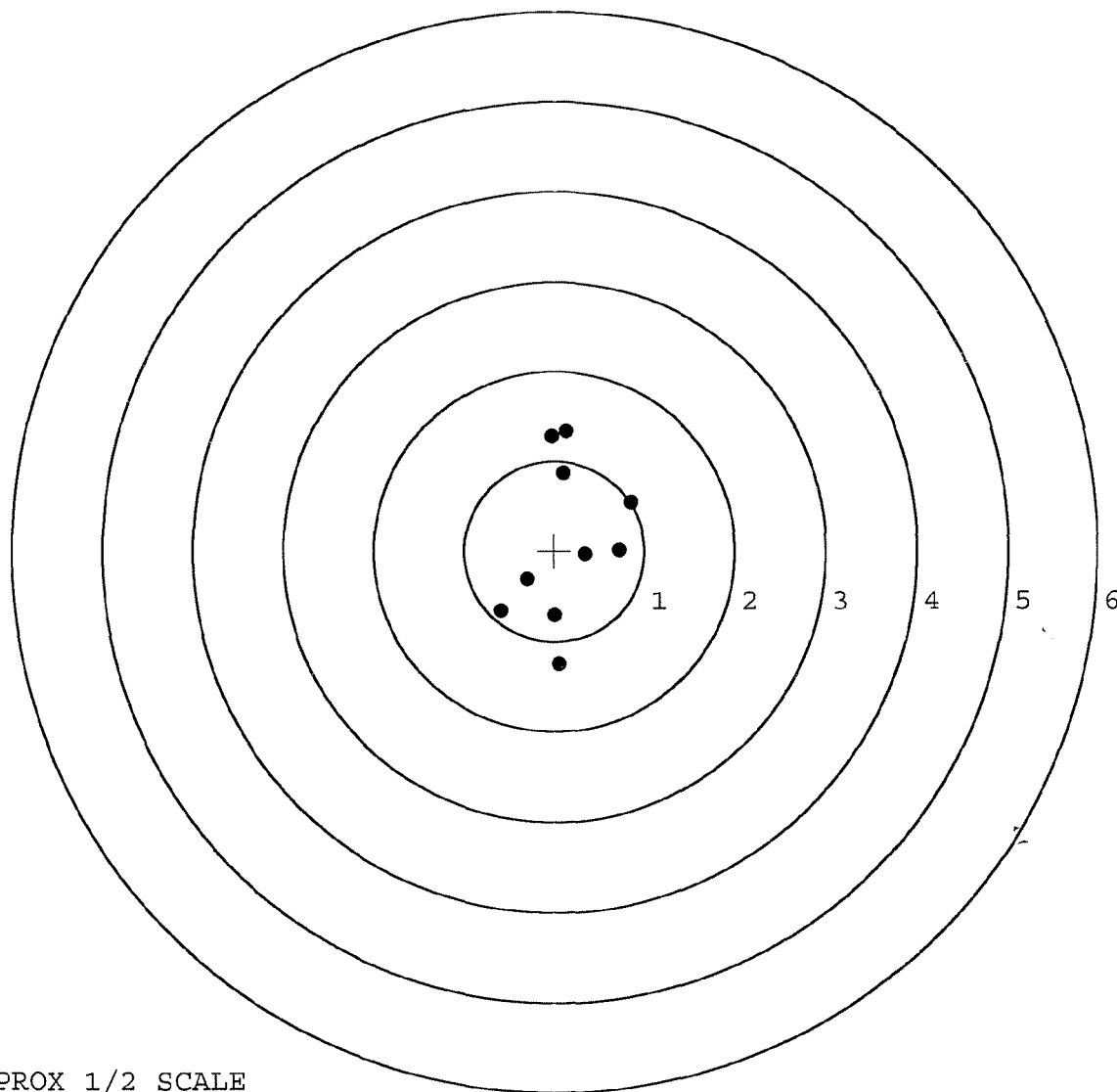
MAX RADIUS: 1.361

MEAN RADIUS: 0.872

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

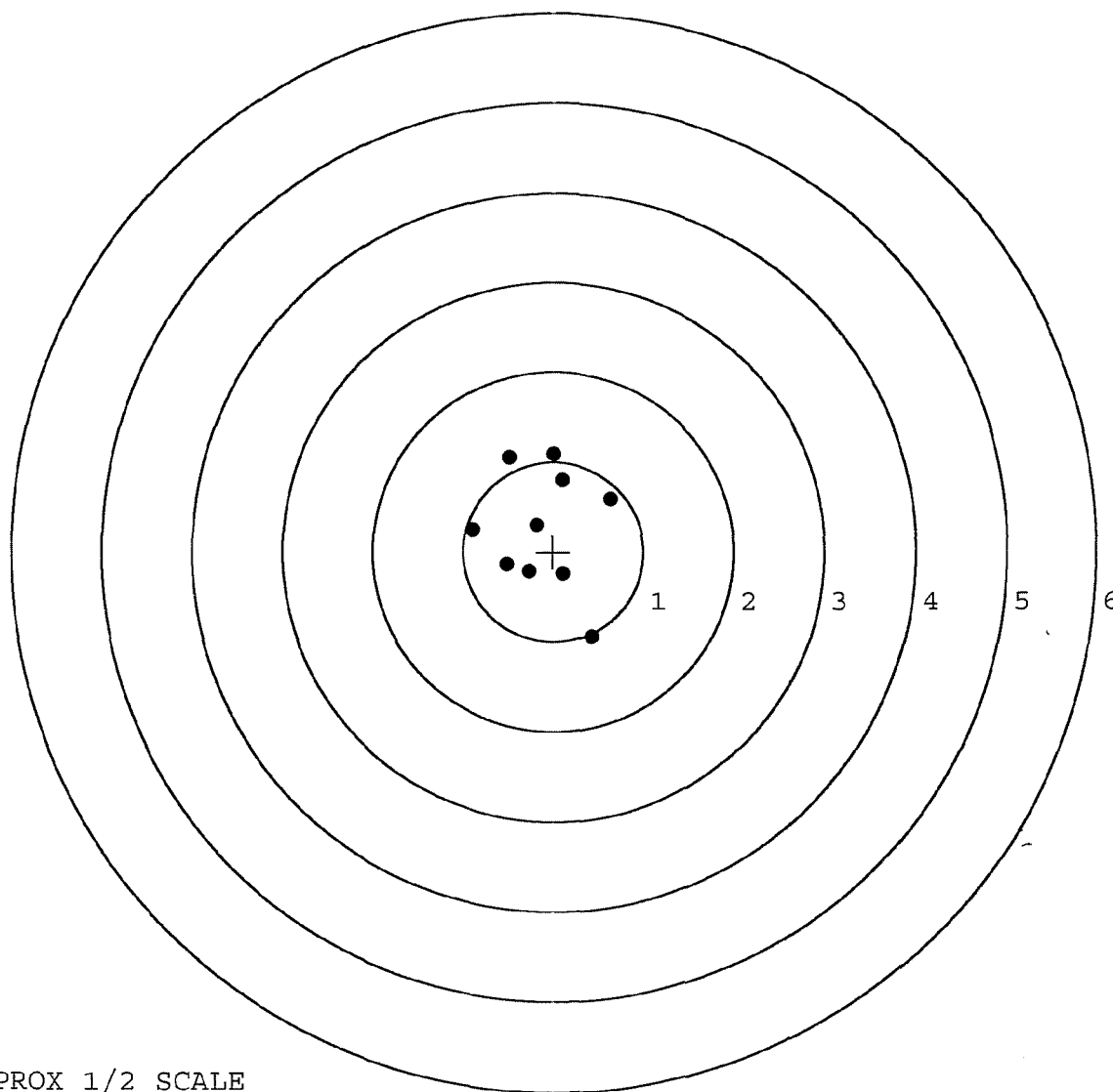


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296708. __0
TARGET NUMBER: 5
FILE DATE: 12/02/2003
FILE TIME: 11:31

X CENTROID: -0.106
Y CENTROID: 0.250
POA TO CENTROID: 0.272
HORZ SPREAD: 1.532
VERT SPREAD: 2.031
GROUP SPREAD: 2.201
MIN RADIUS: 0.098
MAX RADIUS: 1.315
MEAN RADIUS: 0.695
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.009	-1.082
2:	0.106	0.798
3:	0.638	0.589
4:	-0.487	1.051
5:	-0.193	0.296
6:	-0.894	0.249
7:	-0.517	-0.141
8:	-0.273	-0.225
9:	0.113	-0.252
10:	0.433	-0.949



TARGET APPROX 1/2 SCALE