

G657 7233
Replaced
G629 6700

Arms Services Repair & Estimate System

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Repair Inquiry

Repair Number: **RE00113224**

Serial: G6296700 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Verify Repair

Status:

Closed 6/5/2006 1:20:40 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

7:54 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:54 AM

G 6577233

Serial Number: ~~G6296700~~

Model: M24 SWS



RE00113224

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 6-27-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	260	237		255	
PULL #2	249	235		250	
PULL #3	256	257		244	
PULL #4	258	252		247	
PULL #5	247	259		247	
TOTAL	1270	1240		1243	
AVERAGE	254	248		248	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	316	295		
PULL #2	300	299		
PULL #3	308	309		
PULL #4	322	312		
PULL #5	308	309		
TOTAL	1554	1524		
AVERAGE	310	304		

	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	407	399		403
PULL #2	405	394		419
PULL #3	404	405		407
PULL #4	405	406		400
PULL #5	398	397		410
TOTAL	2019	2001		2039
AVERAGE	403	400		407

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577233.__0

FILE DATE AND TIME: 07/20/2006 08:23

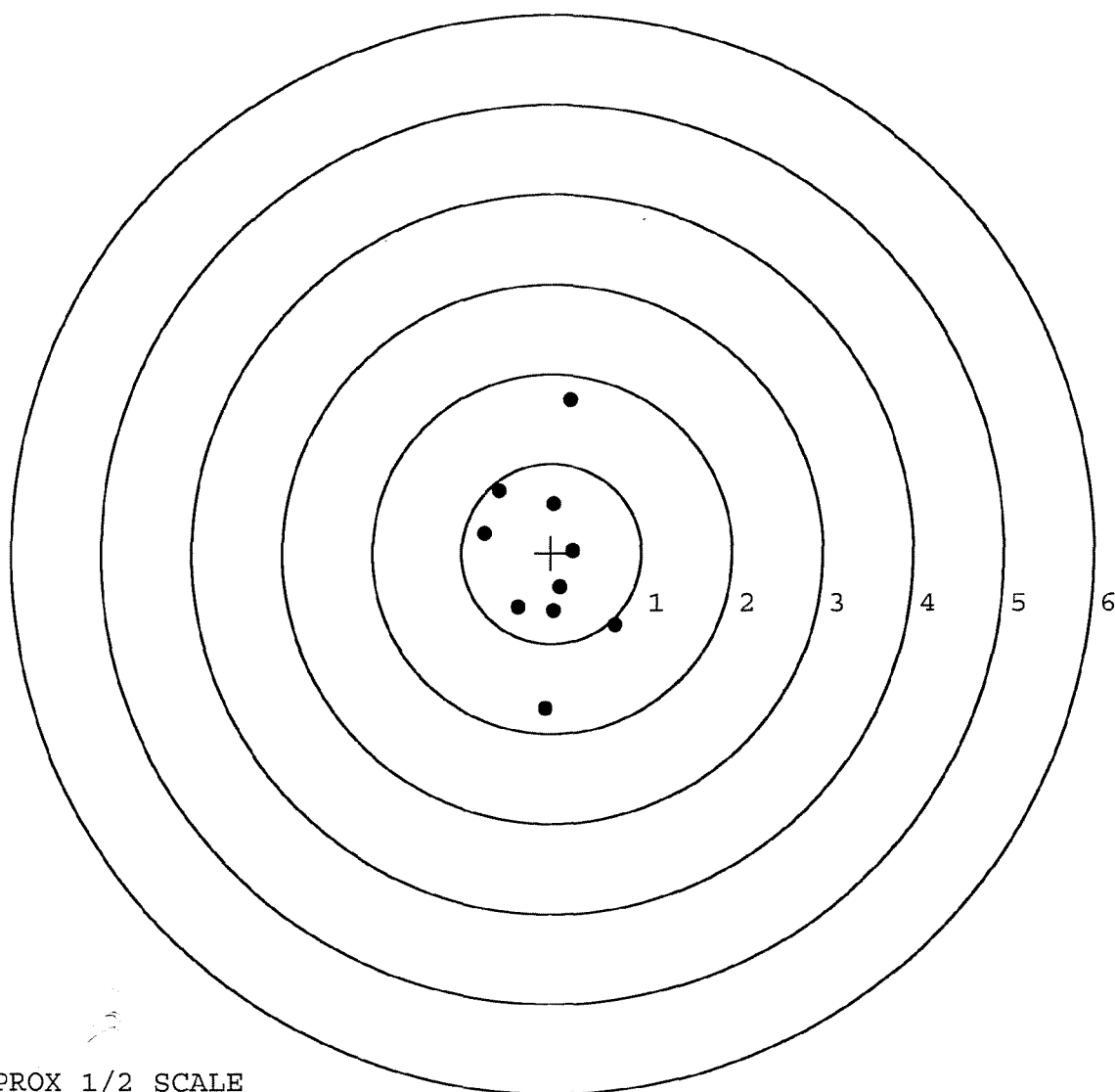
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.219
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.220
The Average Mean Radius of the Five Target Set:	1.117
The Distance from POA to Centroid Target #1:	0.106
The Distance from Centroid Target #2 to Centroid Target #1:	1.093
The Distance from Centroid Target #3 to Centroid Target #1:	0.286
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: G6577233. __0
TARGET NUMBER: 1
FILE DATE: 07/20/2006
FILE TIME: 08:23

X CENTROID: -0.044
Y CENTROID: -0.097
POA TO CENTROID: 0.106
HORZ SPREAD: 1.461
VERT SPREAD: 3.439
GROUP SPREAD: 3.450
MIN RADIUS: 0.310
MAX RADIUS: 1.827
MEAN RADIUS: 0.864
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.709	-0.796
2:	-0.062	-1.727
3:	0.027	-0.646
4:	-0.368	-0.606
5:	0.103	-0.380
6:	0.241	0.025
7:	0.028	0.542
8:	0.213	1.712
9:	-0.584	0.692
10:	-0.752	0.217

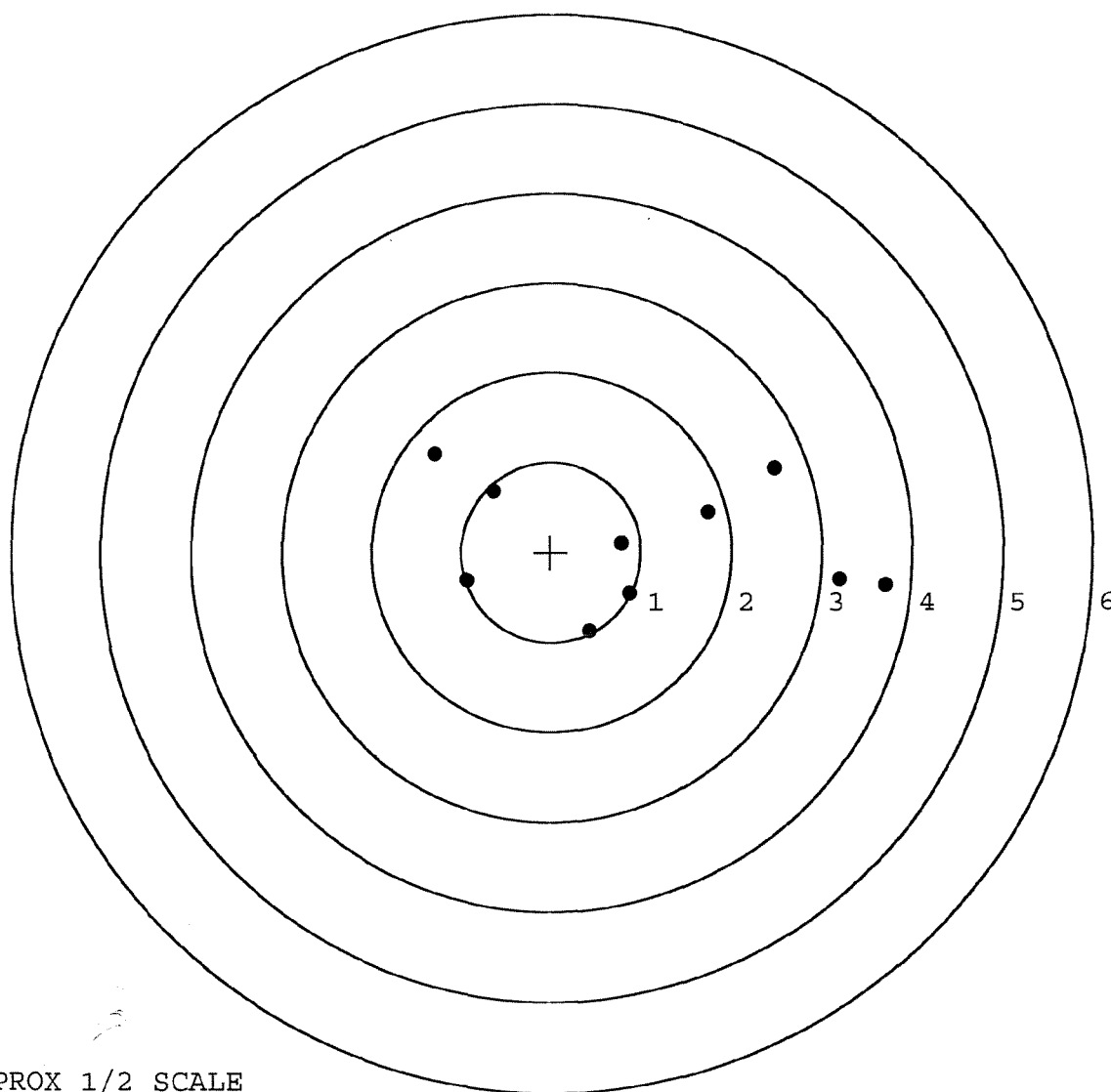


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577233. __0
TARGET NUMBER: 2
FILE DATE: 07/20/2006
FILE TIME: 08:23

POINT#	X	Y
1:	0.874	-0.456
2:	0.430	-0.879
3:	0.785	0.103
4:	-0.937	-0.320
5:	-0.644	0.676
6:	-1.298	1.084
7:	3.703	-0.370
8:	3.200	-0.306
9:	2.471	0.932
10:	1.736	0.449

X CENTROID: 1.032
Y CENTROID: 0.091
POA TO CENTROID: 1.036
HORZ SPREAD: 5.001
VERT SPREAD: 1.963
GROUP SPREAD: 5.208
MIN RADIUS: 0.247
MAX RADIUS: 2.711
MEAN RADIUS: 1.565
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 4

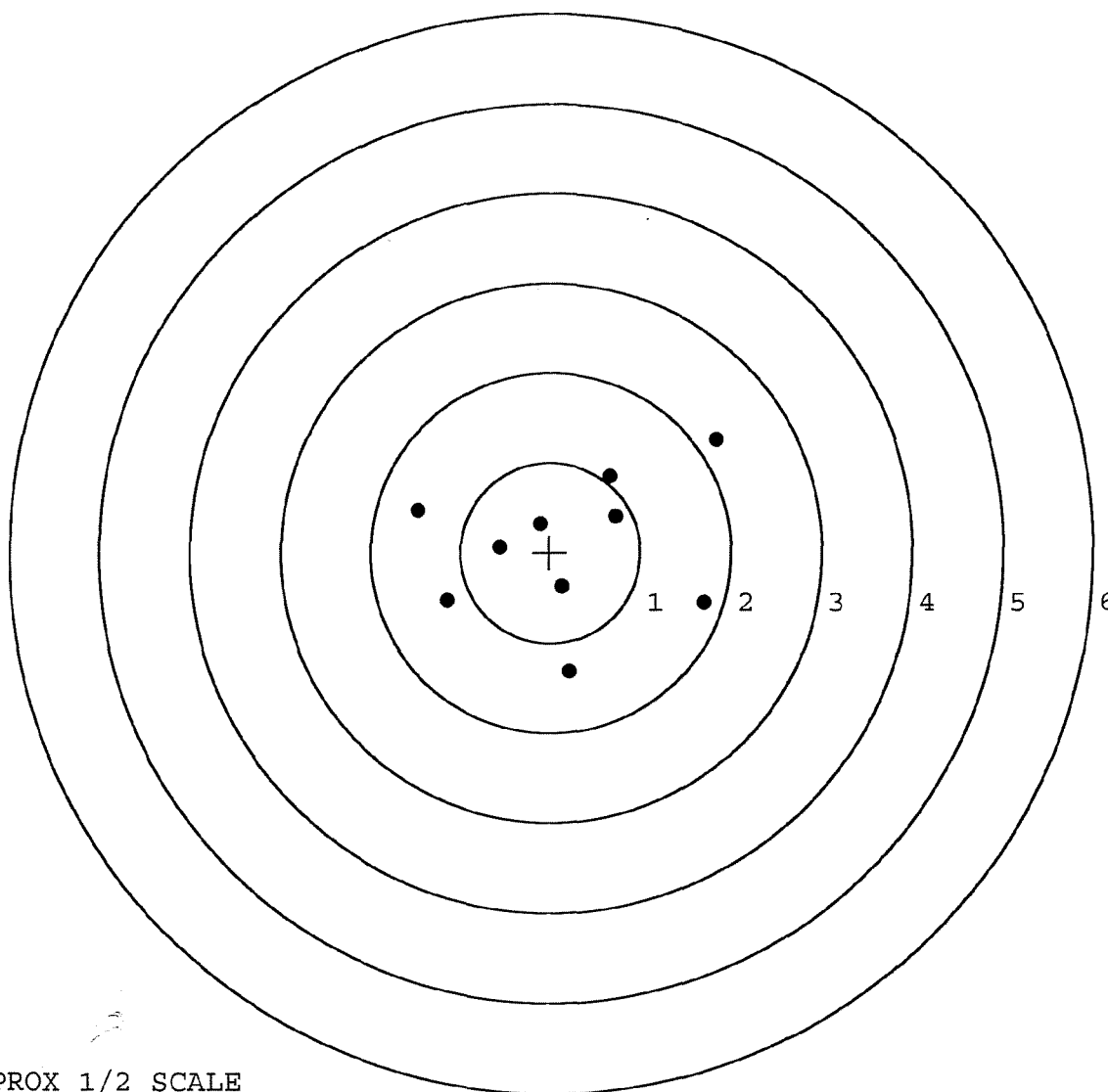


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577233. 0
TARGET NUMBER: 3
FILE DATE: 07/20/2006
FILE TIME: 08:23

X CENTROID: 0.199
Y CENTROID: 0.054
POA TO CENTROID: 0.206
HORZ SPREAD: 3.316
VERT SPREAD: 2.578
GROUP SPREAD: 3.482
MIN RADIUS: 0.408
MAX RADIUS: 2.032
MEAN RADIUS: 1.138
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.702	-0.558
2:	0.221	-1.322
3:	0.137	-0.384
4:	0.721	0.400
5:	0.660	0.851
6:	1.836	1.256
7:	-0.112	0.318
8:	-0.554	0.056
9:	-1.146	-0.541
10:	-1.480	0.460

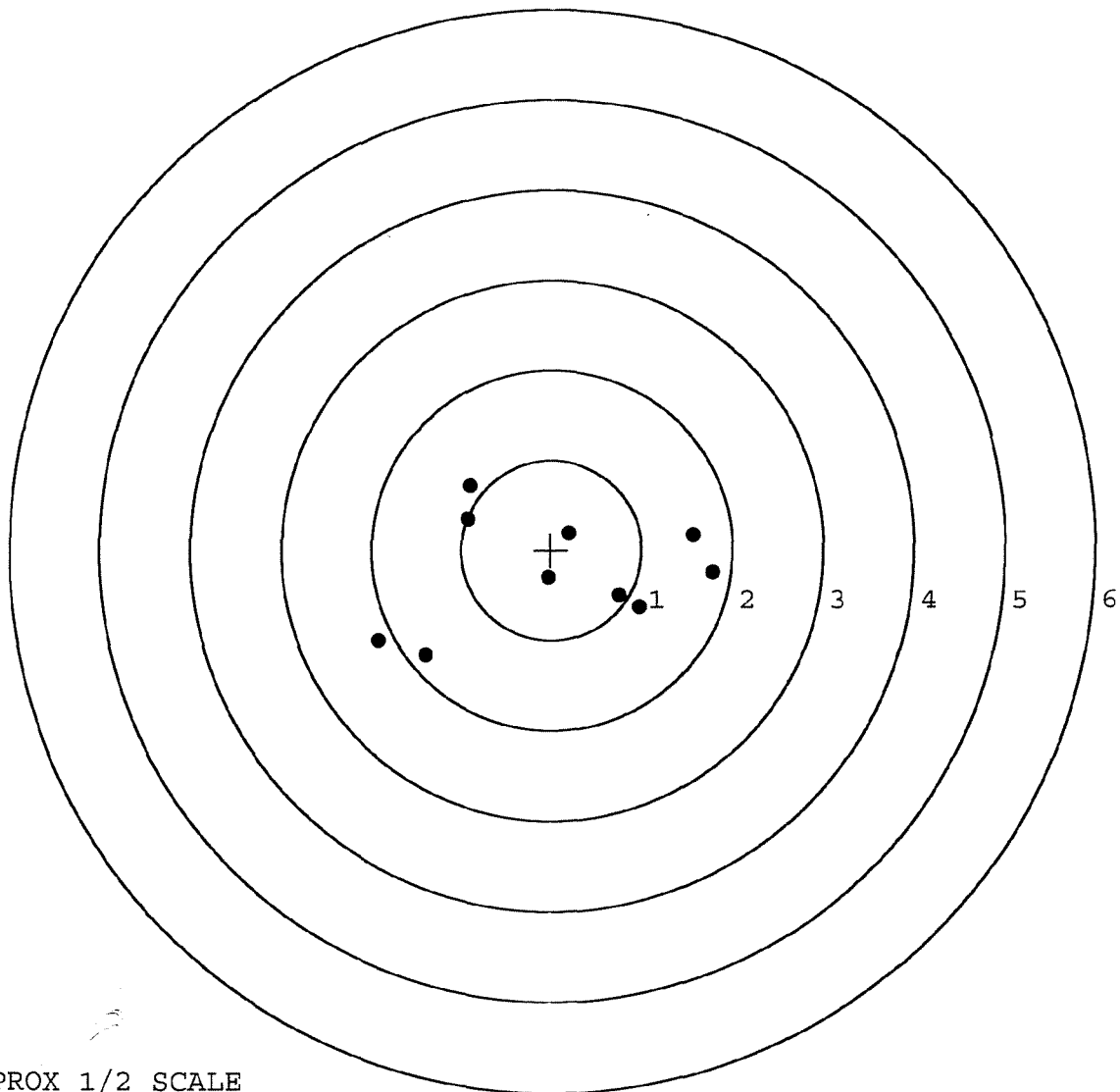


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577233. __0
TARGET NUMBER: 4
FILE DATE: 07/20/2006
FILE TIME: 08:23

X CENTROID: 0.009
Y CENTROID: -0.247
POA TO CENTROID: 0.247
HORZ SPREAD: 3.707
VERT SPREAD: 1.892
GROUP SPREAD: 3.786
MIN RADIUS: 0.078
MAX RADIUS: 2.082
MEAN RADIUS: 1.196
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	1.782	-0.248
2:	1.563	0.178
3:	0.974	-0.639
4:	0.754	-0.502
5:	0.199	0.191
6:	-0.033	-0.312
7:	-0.928	0.340
8:	-0.905	0.716
9:	-1.389	-1.176
10:	-1.925	-1.016

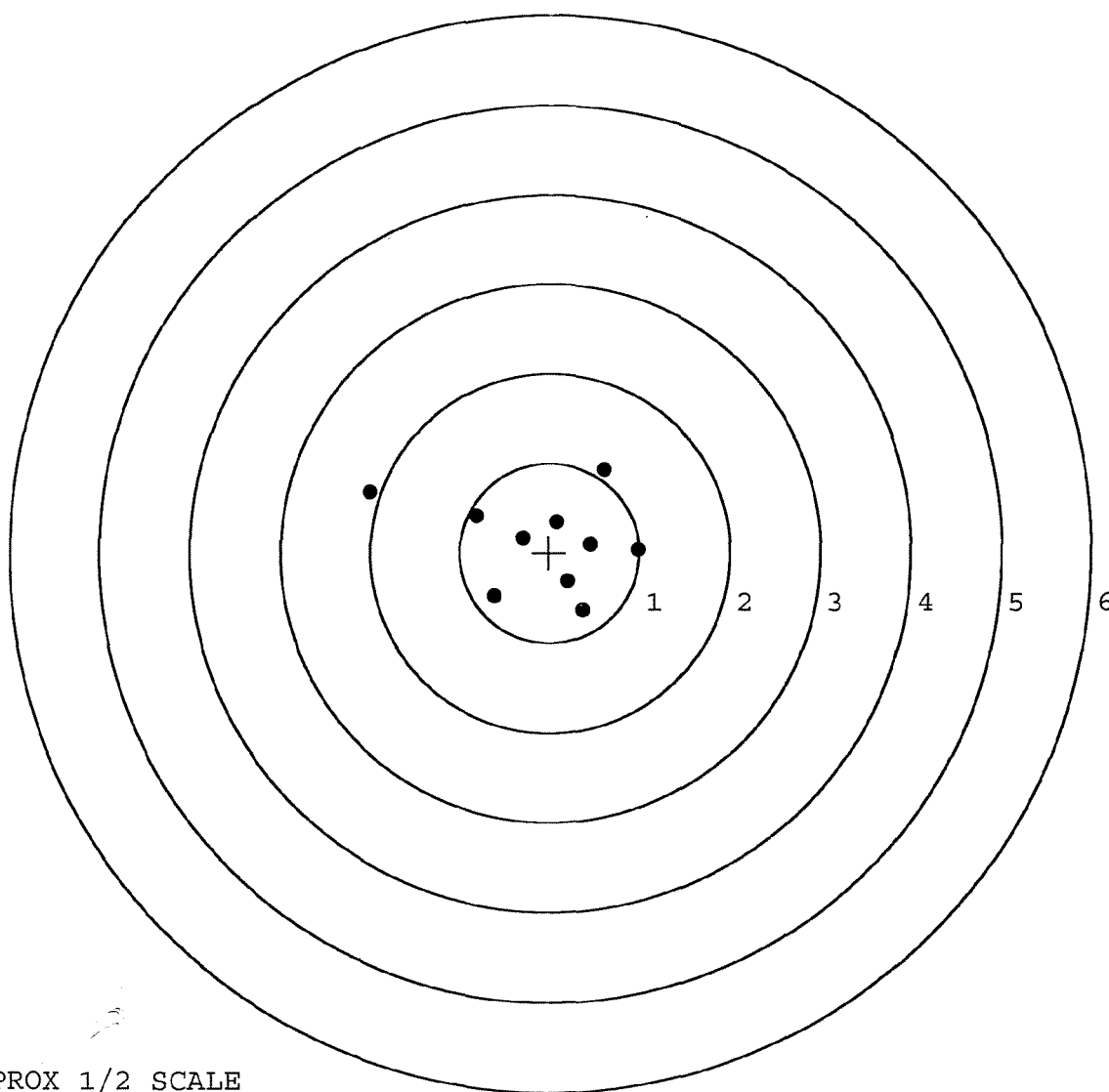


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577233. __0
TARGET NUMBER: 5
FILE DATE: 07/20/2006
FILE TIME: 08:23

X CENTROID: -0.100
Y CENTROID: 0.121
POA TO CENTROID: 0.157
HORZ SPREAD: 3.002
VERT SPREAD: 1.574
GROUP SPREAD: 3.069
MIN RADIUS: 0.204
MAX RADIUS: 1.989
MEAN RADIUS: 0.822
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.992	0.039
2:	0.607	0.931
3:	0.465	0.097
4:	0.379	-0.643
5:	0.209	-0.323
6:	0.083	0.345
7:	-0.299	0.163
8:	-0.607	-0.488
9:	-0.816	0.411
10:	-2.010	0.675



TARGET APPROX 1/2 SCALE

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

		<i>National Guard</i>		
R & E NUMBER	<u>113224</u>			
SERIAL NUMBER	66296700 <u>66577233</u>			
LOG-IN DATE	<u>6-5-06</u>			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-27-06	<i>Ac</i>
505	RE-BARREL		6-27-06	<i>Ac</i>
560	ASSEMBLE		6-30-06	<i>Ac</i>
600	PROOF	MAGNA-FLUX INSPECTED JUL 06 2006 OPERATOR <i>unms</i>	7-5-06	<i>nm</i>
605	CHECK HEADSPACE		7-5-06	<i>nm</i>
610	DIS-ASSEMBLE GUN		7-5-06	<i>Ac</i>
612	MAGNAFLUX		7/6/06	<i>unms</i>
510	DRILL AND TAP		7-6-06	<i>TRW</i>
615	ROLLMARK CALIBER		7-7-06	<i>CW</i>
618	ROTO-BLAST		7-7-06	<i>LB</i>
620	APPLY COATINGS		7/7	<i>AP</i>
625	FINAL ASSEMBLY		7-19-06	<i>L.P.A.</i>
640	FUNCTION TEST AND	<u>PASS</u> FAIL	7-26-06	<i>TRW</i>
650	TARGET	<u>PASS</u> FAIL	7-20-06	<i>TRW</i>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-20-06	<i>BD</i>
	A) HEADSPACE	PASS FAIL	8-2-06	<i>FL</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>285</u> <u>292</u> <u>289</u> <u>287</u> <u>289</u> 8-2-06	<i>DA</i>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u> 8-2-06	<i>DA</i>
	G) SAFETY OFF FORCE	2 LBS MIN	<u>4.0</u> <u>4.5</u> <u>4.0</u> 8-2-06	<i>DA</i>
	I) FIRING PIN INDENT	.020	<u>.021</u> <u>.022</u> <u>.021</u> 8-2-06	<i>DA</i>
690	PACK		8-2-06	<i>DA</i>

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. **G6296700**
Order No. **25716**

DD **25716**

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Déposée.

09XX

5716 G6296700

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.



M2400087243

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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

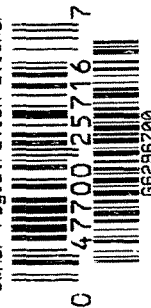
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



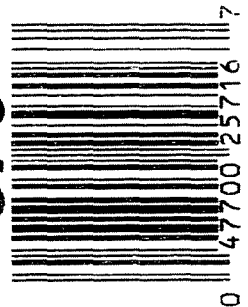
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296700

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66296700

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	AC
607	CHECK HEADSPACE		11-12-03	AC
610	DIS-ASSEMBLE GUN		11-12-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>RS</u>		
615	ROLLMARK CALIBER		11-13-03	JB
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		11/24/03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/26/03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/26/03	RW
	D) OIL FIRING PIN ASSEMBLY		11/26/03	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>6</u> <u>6.5</u> <u>6</u>	12/4/03	RW
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	12/4/03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1.6225</u> <u>1.673</u> <u>1.6225</u>	12/4/03	C
	J) ASSEMBLE STOCK		11/20/03	RW
	K) ASSEMBLE SWIVEL STUDS		12-6-03	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11/20/03	RW
	M) IRON SIGHT ALIGNMENT		11/20/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11/20/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	12-1-03	AL
	MALFUNCTION	CORRECTION	12-1-03	AL
	MALFUNCTION	CORRECTION	12-1-03	A
	MALFUNCTION	CORRECTION	12-1-03	A
	MALFUNCTION	CORRECTION	12-1-03	A
645	INSPECT FOR LIVE AMMO		12-1-03	A
655	FINAL INSPECTION A) HEADSPACE		12-6-03	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.80</u> <u>2.66</u> <u>3.56</u> <u>2.87</u> <u>2.93</u>	12/4/03	RW
	C) FUNCTION		12-6-03	RL
660	PACK		12/8/03	RA

AVERAGE PULL FORCE BETWEEN

SERIAL NO. _____

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE 11-20-03

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.53		2.11	
PULL #2	2.57	2.79		2.57	
PULL #3	2.72	2.61		2.22	
PULL #4	2.75	2.50		2.65	
PULL #5	2.84	2.89		2.24	
TOTAL	13.52	13.32		11.79	
AVERAGE	2.70	2.66		2.35	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.22		
PULL #2	3.27	3.54		
PULL #3	3.49	3.40		
PULL #4	3.61	3.03		
PULL #5	3.66	2.90		
TOTAL	17.23	16.09		
AVERAGE	3.44	3.21		

	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	4.23	4.03		4.17
PULL #2	4.41	3.86		3.99
PULL #3	4.30	4.06		4.09
PULL #4	4.33	3.87		4.35
PULL #5	4.09	4.14		4.18
TOTAL	21.36	19.96		20.78
AVERAGE	4.27	3.99		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296700.___0
FILE DATE AND TIME: 12/01/2003 10:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.118
The Average Y Centroid of the Five Target Set:	0.198
The Average Point of Impact of the Five Target Set:	0.230
The Average Mean Radius of the Five Target Set:	1.047
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.435
The Distance from Centroid Target #3 to Centroid Target #1:	0.202
The Distance from Centroid Target #4 to Centroid Target #1:	0.224
The Distance from Centroid Target #5 to Centroid Target #1:	0.378

SERIAL NUMBER: G6296700. 0

TARGET NUMBER: 1

FILE DATE: 12/01/2003

FILE TIME: 10:40

POINT#	X	Y
1:	2.049	1.421
2:	0.066	1.452
3:	-1.267	1.469
4:	-1.326	0.631
5:	-1.063	0.165
6:	-0.630	-0.546
7:	0.737	0.308
8:	1.176	-0.609
9:	0.254	-0.798
10:	0.107	-1.735

X CENTROID: 0.010

Y CENTROID: 0.176

POA TO CENTROID: 0.176

HORZ SPREAD: 3.375

VERT SPREAD: 3.204

GROUP SPREAD: 3.706

MIN RADIUS: 0.739

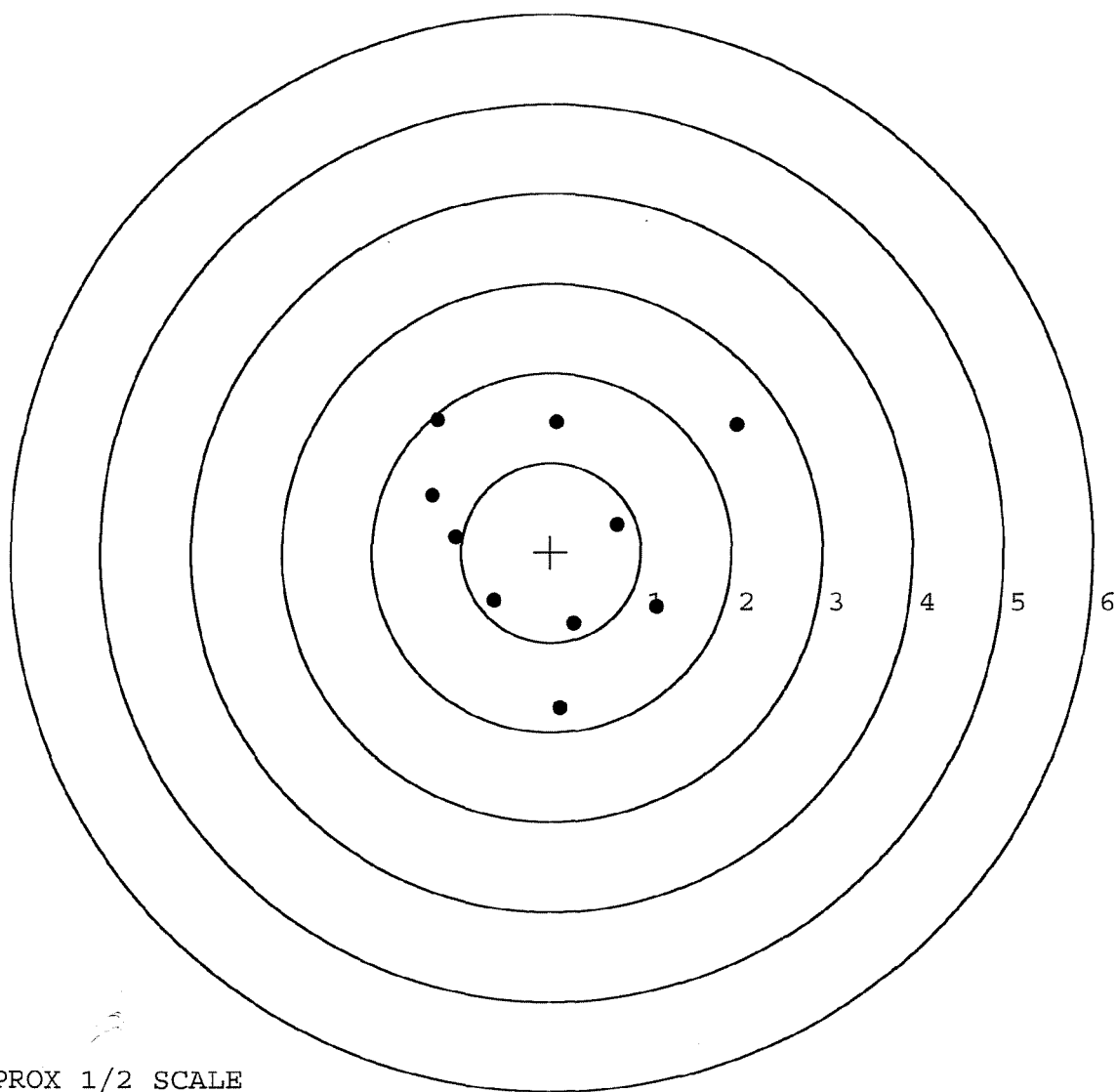
MAX RADIUS: 2.389

MEAN RADIUS: 1.399

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 7

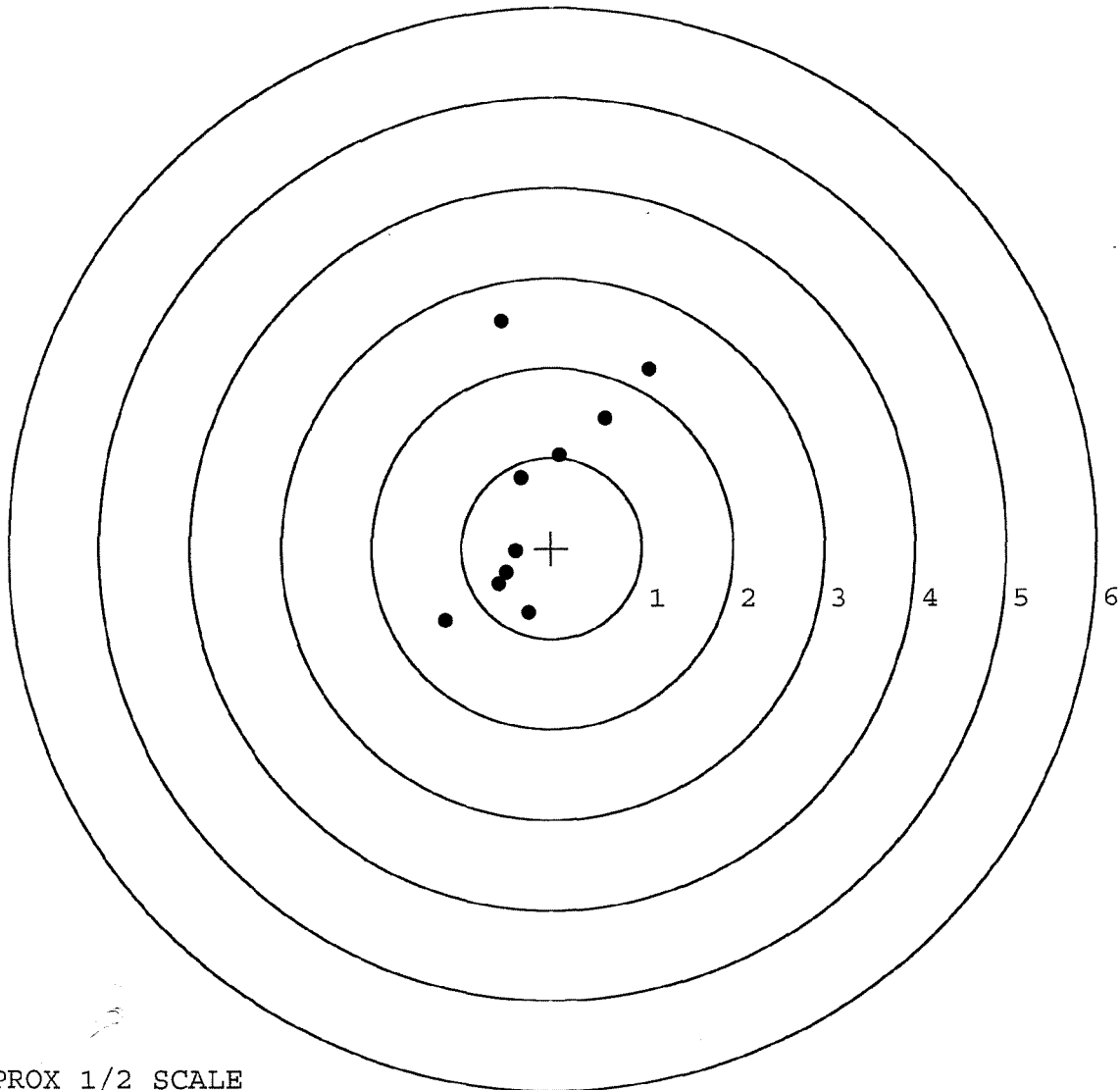


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296700. 0
TARGET NUMBER: 2
FILE DATE: 12/01/2003
FILE TIME: 10:40

POINT#	X	Y
1:	-0.566	2.518
2:	1.078	1.985
3:	0.589	1.440
4:	0.090	1.025
5:	-0.344	0.776
6:	-0.400	-0.028
7:	-0.505	-0.271
8:	-0.584	-0.398
9:	-1.179	-0.813
10:	-0.257	-0.716

X CENTROID: -0.208
Y CENTROID: 0.552
POA TO CENTROID: 0.590
HORZ SPREAD: 2.257
VERT SPREAD: 3.331
GROUP SPREAD: 3.387
MIN RADIUS: 0.262
MAX RADIUS: 1.999
MEAN RADIUS: 1.139
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

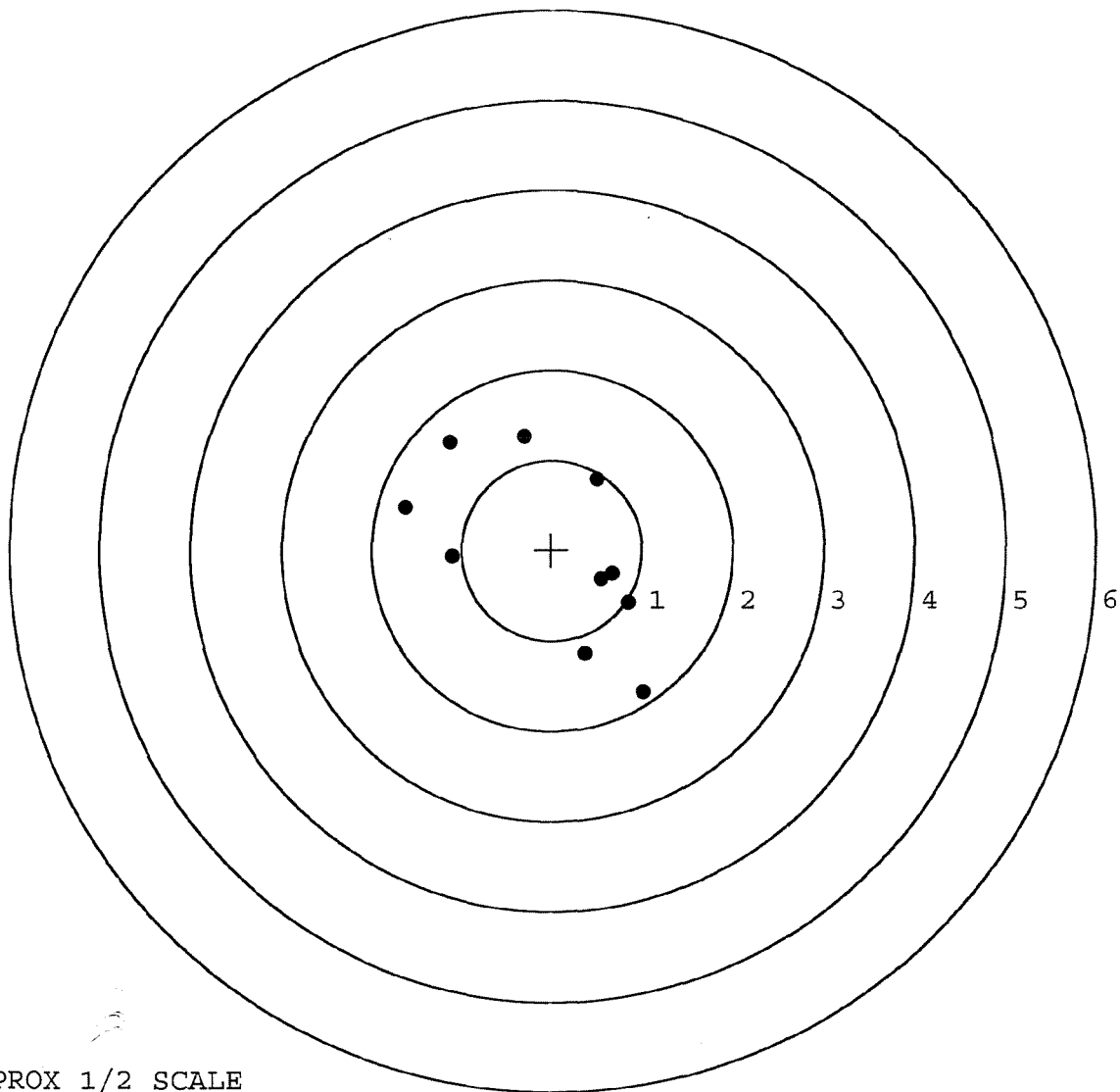


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296700. 0
TARGET NUMBER: 3
FILE DATE: 12/01/2003
FILE TIME: 10:40

POINT#	X	Y
1:	-0.304	1.266
2:	-1.128	1.198
3:	-1.628	0.471
4:	-1.104	-0.082
5:	0.502	0.788
6:	0.674	-0.266
7:	0.852	-0.581
8:	1.020	-1.570
9:	0.378	-1.143
10:	0.548	-0.322

X CENTROID: -0.019
Y CENTROID: -0.024
POA TO CENTROID: 0.031
HORZ SPREAD: 2.648
VERT SPREAD: 2.836
GROUP SPREAD: 3.504
MIN RADIUS: 0.640
MAX RADIUS: 1.863
MEAN RADIUS: 1.216
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

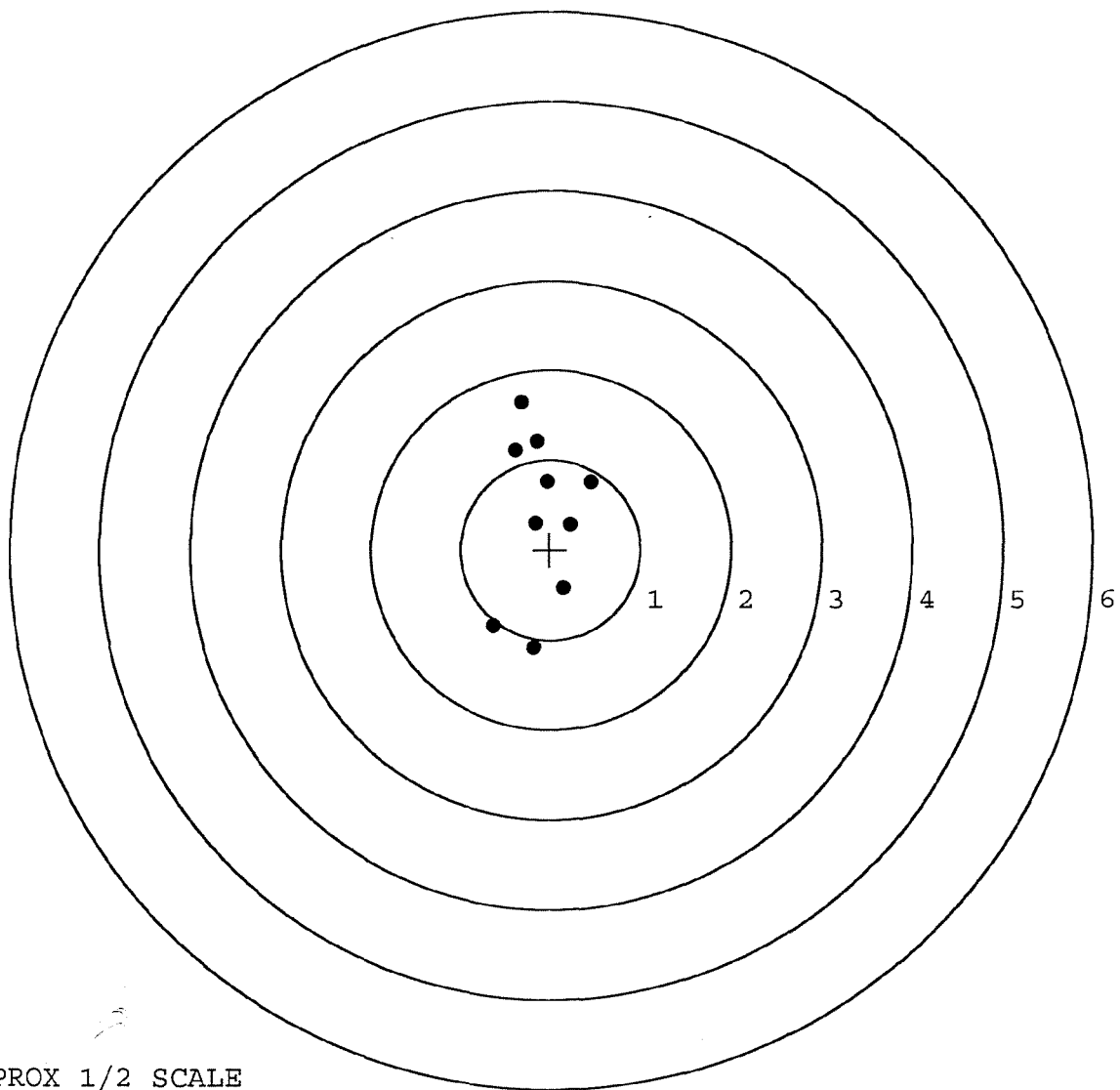


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296700. __0
TARGET NUMBER: 4
FILE DATE: 12/01/2003
FILE TIME: 10:40

POINT#	X	Y
1:	0.150	-0.431
2:	-0.186	-1.089
3:	-0.637	-0.848
4:	-0.169	0.294
5:	0.448	0.755
6:	-0.035	0.758
7:	-0.152	1.201
8:	-0.393	1.106
9:	-0.330	1.634
10:	0.224	0.282

X CENTROID: -0.108
Y CENTROID: 0.366
POA TO CENTROID: 0.382
HORZ SPREAD: 1.085
VERT SPREAD: 2.723
GROUP SPREAD: 2.727
MIN RADIUS: 0.095
MAX RADIUS: 1.457
MEAN RADIUS: 0.805
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

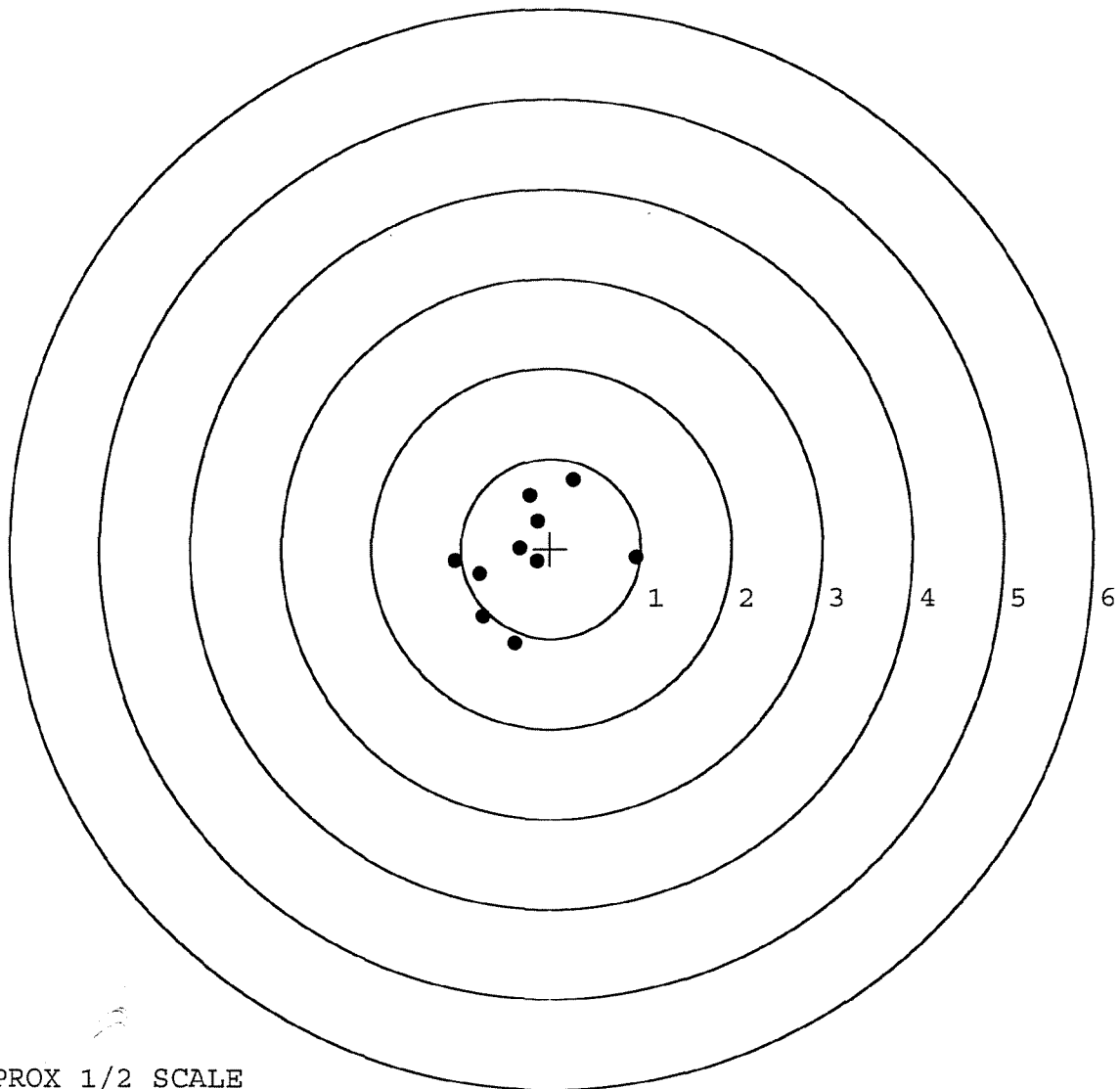


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296700. __0
TARGET NUMBER: 5
FILE DATE: 12/01/2003
FILE TIME: 10:40

POINT#	X	Y
1:	-1.063	-0.140
2:	-0.787	-0.289
3:	-0.748	-0.765
4:	-0.395	-1.061
5:	-0.151	-0.140
6:	-0.341	0.006
7:	-0.151	0.313
8:	-0.236	0.599
9:	0.250	0.772
10:	0.952	-0.105

X CENTROID: -0.267
Y CENTROID: -0.081
POA TO CENTROID: 0.279
HORZ SPREAD: 2.015
VERT SPREAD: 1.833
GROUP SPREAD: 2.015
MIN RADIUS: 0.114
MAX RADIUS: 1.219
MEAN RADIUS: 0.674
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE