

G-6288176

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: **RE00087624** Serial: G6288176 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 11/8/2004 1:43:12 PM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From

Name: **DOL MATERIAL CONTROL BRANCH** **DOL MATERIAL CONTROL BRANCH**

Address 1: **HQS 3D INF DIV M AND FT STEWART** **HQS 3D INF DIV M AND FT STEWART**

Address 2: **1624 W 6TH ST BLDG 2916** **1624 W 6TH ST BLDG 2916** PO Box:

City: **FORT STEWART** **FORT STEWART**

State: **GA** Zip Code: **31314** Country: **US** State: **GA** Zip Code: **31314** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
CC00	FRT AND REAR SGT	1

Repair Search **Refresh** **Close**

negletj 11/8/2004 2:37 PM CAPS INUM IN3 SCPL

start 2 4

Serial Number: **G6288176**

Model: **M24 SWS**



RE00087624

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288176.__2
FILE DATE AND TIME: 12/07/2004 08:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	-0.131
The Average Point of Impact of the Five Target Set:	0.160
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.022
The Distance from Centroid Target #2 to Centroid Target #1:	0.043
The Distance from Centroid Target #3 to Centroid Target #1:	0.287
The Distance from Centroid Target #4 to Centroid Target #1:	0.296
The Distance from Centroid Target #5 to Centroid Target #1:	0.230

SERIAL NUMBER: G6288176. __2

TARGET NUMBER: 1

FILE DATE: 12/07/2004

FILE TIME: 08:54

X CENTROID: -0.019

Y CENTROID: 0.011

POA TO CENTROID: 0.022

HORZ SPREAD: 1.882

VERT SPREAD: 2.269

GROUP SPREAD: 2.522

MIN RADIUS: 0.073

MAX RADIUS: 1.581

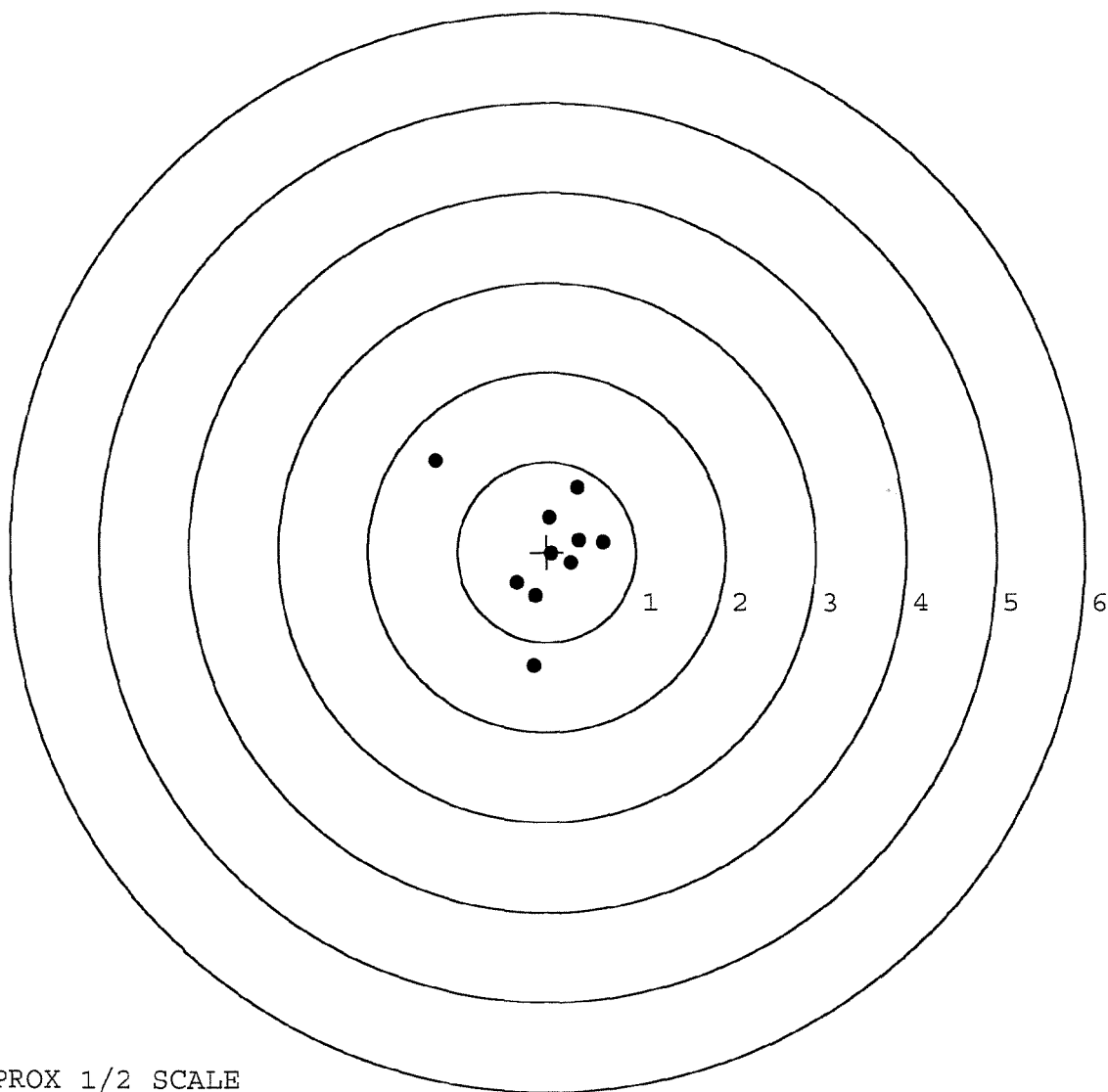
MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.149	-1.267
2:	-1.251	1.002
3:	0.345	0.714
4:	0.022	0.385
5:	0.631	0.109
6:	0.268	-0.115
7:	0.365	0.134
8:	0.048	-0.018
9:	-0.128	-0.490
10:	-0.339	-0.345

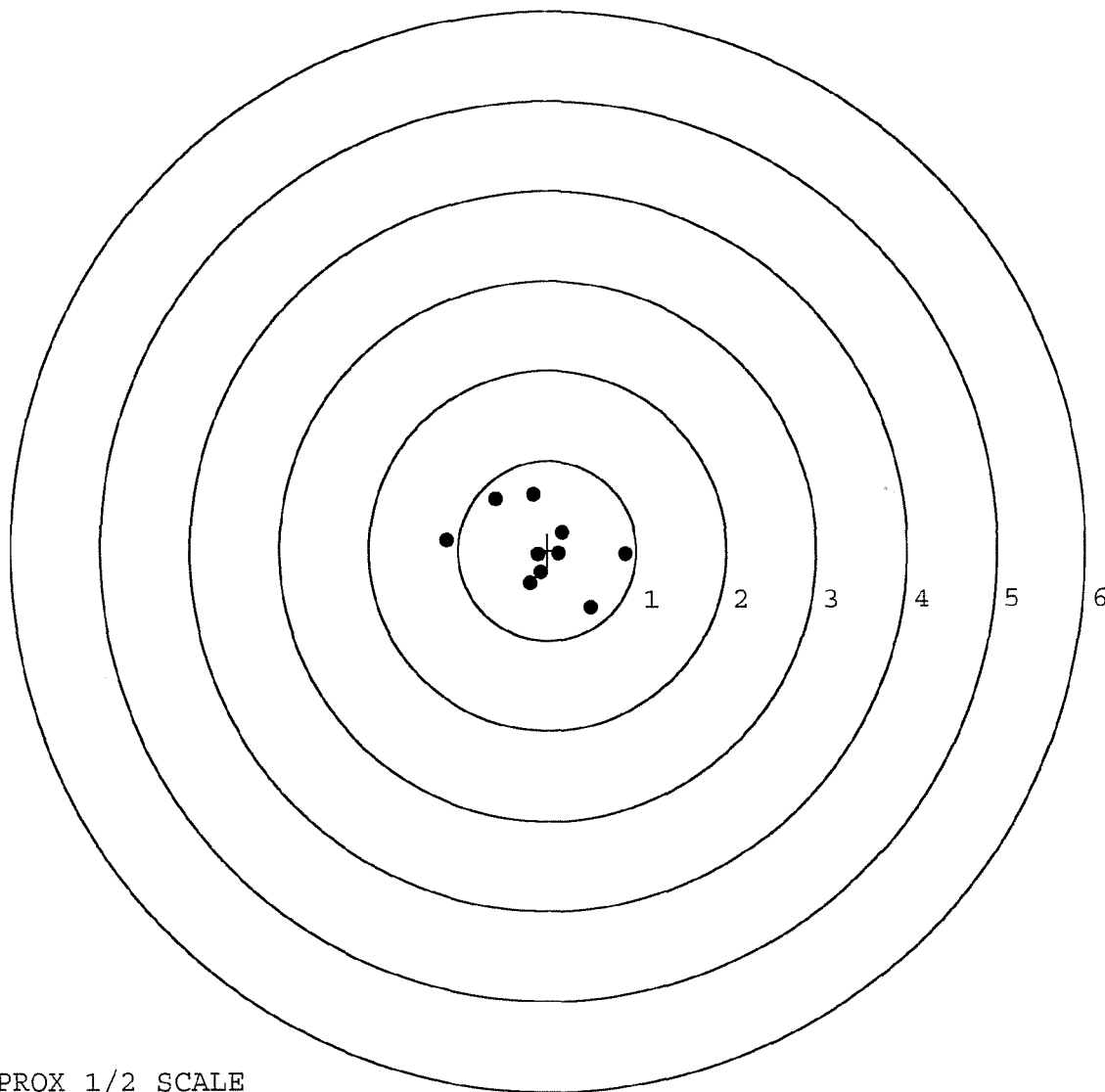


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __2
TARGET NUMBER: 2
FILE DATE: 12/07/2004
FILE TIME: 08:54

X CENTROID: -0.062
Y CENTROID: 0.013
POA TO CENTROID: 0.063
HORZ SPREAD: 2.005
VERT SPREAD: 1.256
GROUP SPREAD: 2.011
MIN RADIUS: 0.079
MAX RADIUS: 1.073
MEAN RADIUS: 0.549
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.482	-0.635
2:	0.875	-0.044
3:	-0.162	0.621
4:	-0.584	0.577
5:	-1.130	0.116
6:	0.173	0.204
7:	0.126	-0.038
8:	-0.110	-0.050
9:	-0.085	-0.251
10:	-0.202	-0.369

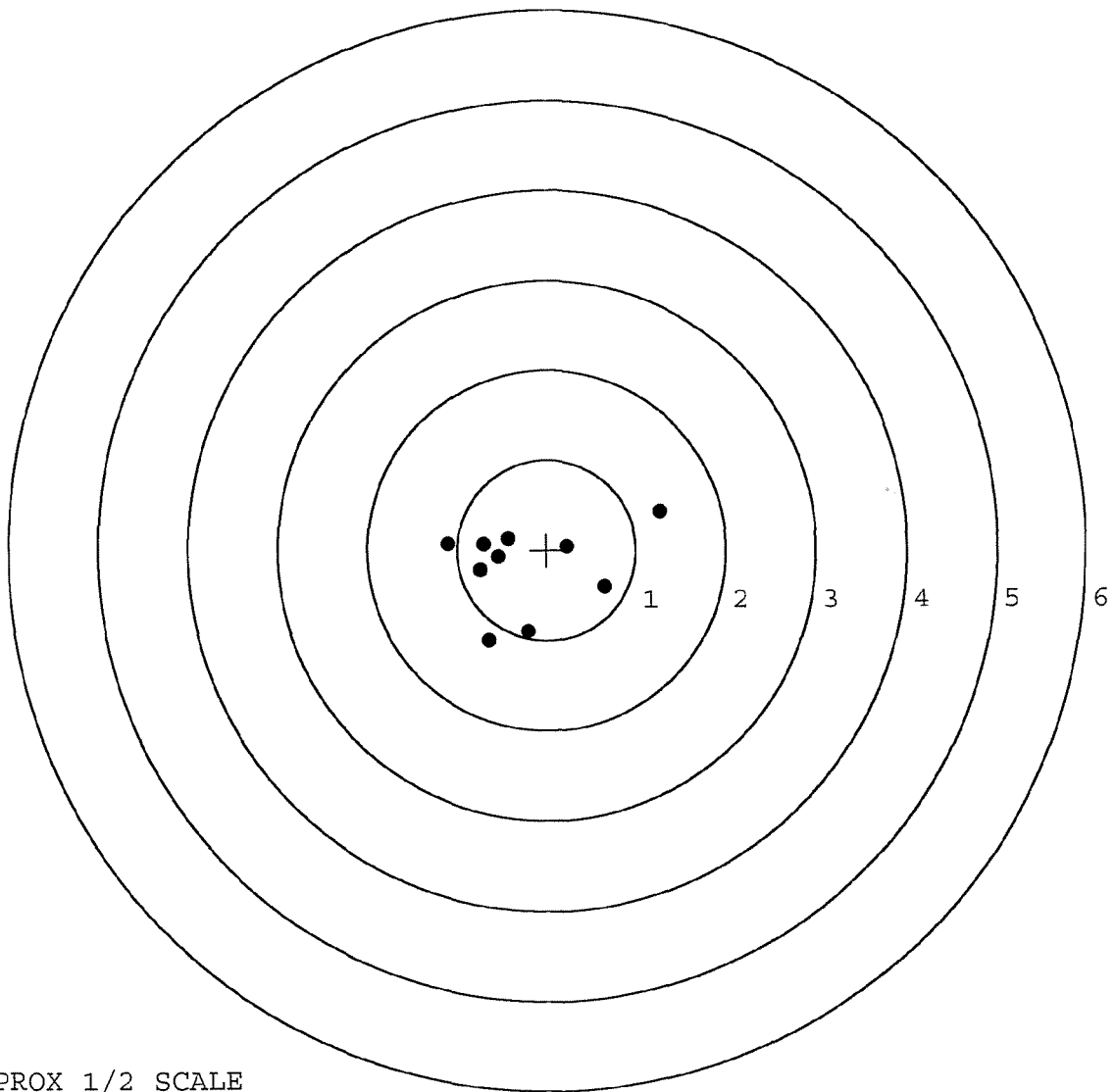


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. 2
 TARGET NUMBER: 3
 FILE DATE: 12/07/2004
 FILE TIME: 08:54

X CENTROID: -0.224
 Y CENTROID: -0.189
 POA TO CENTROID: 0.294
 HORZ SPREAD: 2.369
 VERT SPREAD: 1.428
 GROUP SPREAD: 2.396
 MIN RADIUS: 0.337
 MAX RADIUS: 1.613
 MEAN RADIUS: 0.735
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.267	0.425
2:	0.648	-0.412
3:	0.232	0.039
4:	-0.218	-0.907
5:	-0.651	-1.003
6:	-0.433	0.128
7:	-0.542	-0.078
8:	-0.742	-0.220
9:	-0.703	0.067
10:	-1.102	0.068



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. 2

TARGET NUMBER: 4

FILE DATE: 12/07/2004

FILE TIME: 08:54

X CENTROID: -0.067

Y CENTROID: -0.281

POA TO CENTROID: 0.289

HORZ SPREAD: 1.617

VERT SPREAD: 1.820

GROUP SPREAD: 2.148

MIN RADIUS: 0.178

MAX RADIUS: 1.330

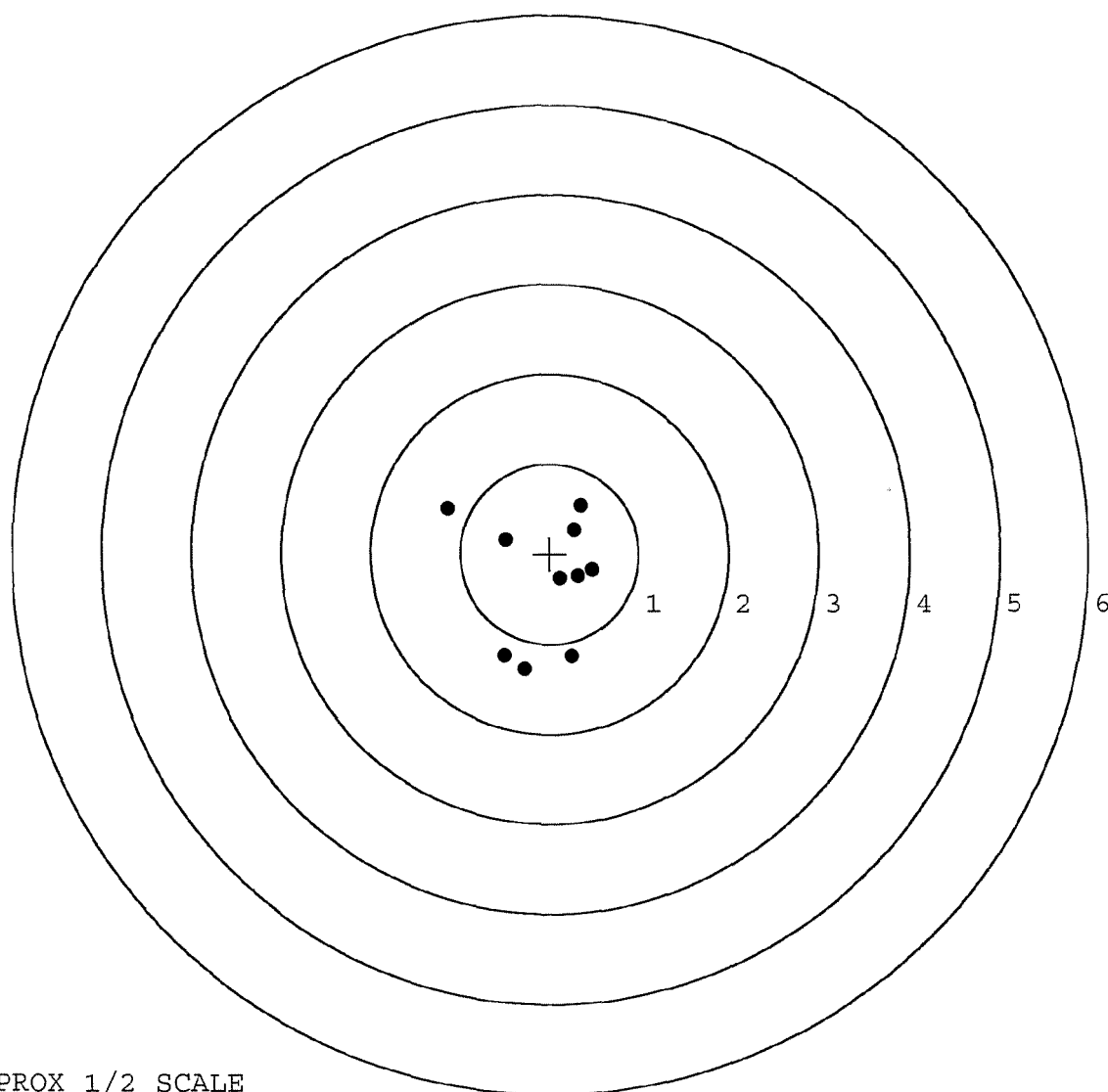
MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

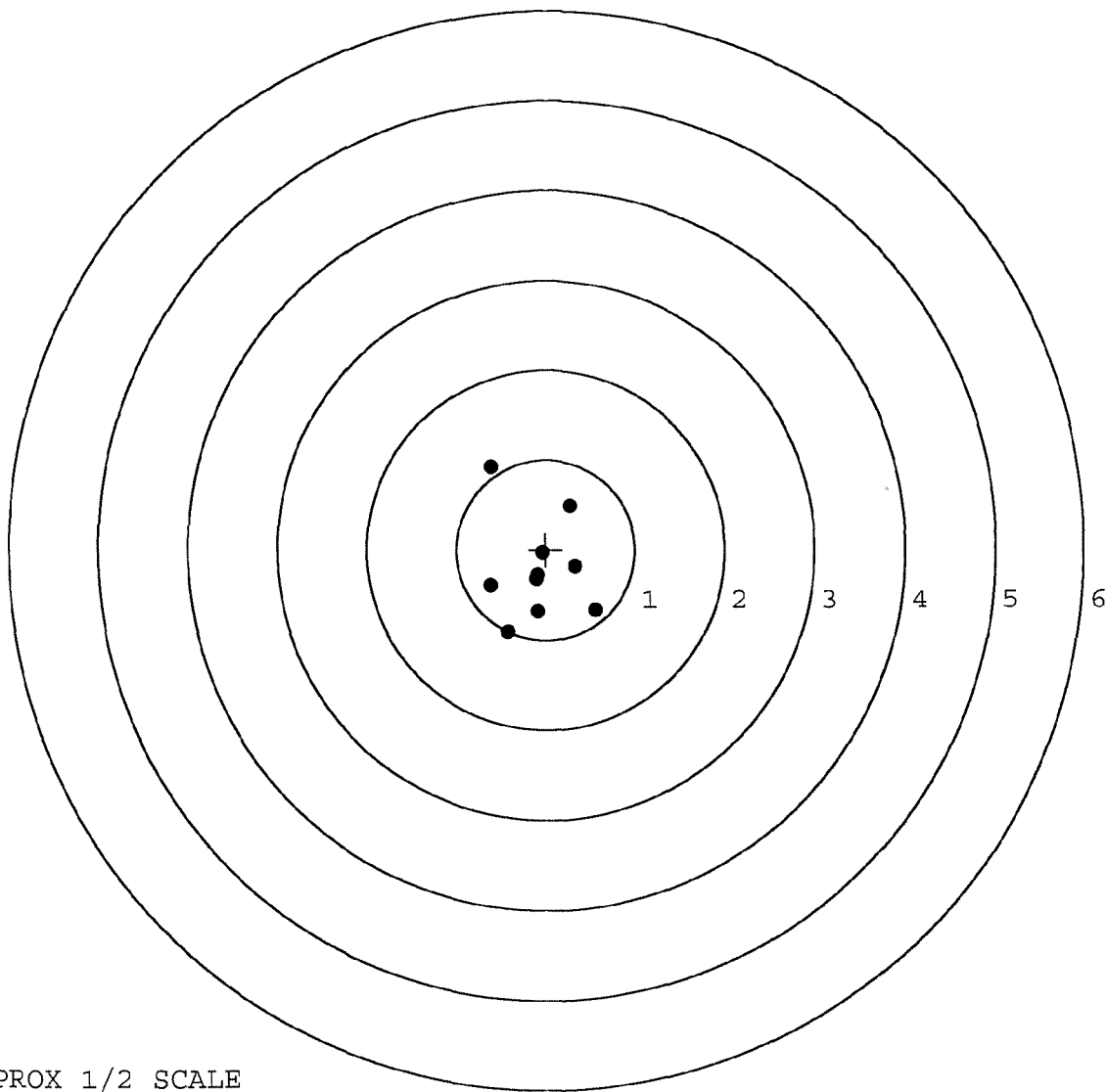
POINT#	X	Y
1:	0.245	-1.139
2:	-0.284	-1.285
3:	-0.516	-1.133
4:	0.475	-0.184
5:	0.111	-0.276
6:	0.275	0.263
7:	0.350	0.535
8:	-0.499	0.159
9:	-1.142	0.501
10:	0.317	-0.252



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __2
TARGET NUMBER: 5
FILE DATE: 12/07/2004
FILE TIME: 08:54

		POINT#	X	Y
		1:	0.555	-0.671
		2:	0.330	-0.184
		3:	0.269	0.487
		4:	-0.614	0.921
X CENTROID:	-0.086	5:	-0.429	-0.915
Y CENTROID:	-0.209	6:	-0.624	-0.395
POA TO CENTROID:	0.226	7:	-0.096	-0.687
HORZ SPREAD:	1.179	8:	-0.111	-0.329
VERT SPREAD:	1.836	9:	-0.042	-0.036
GROUP SPREAD:	1.975	10:	-0.095	-0.286
MIN RADIUS:	0.077			
MAX RADIUS:	1.248			
MEAN RADIUS:	0.545			
# IN 1 IN DIAMETER:	5			
# IN 2 IN DIAMETER:	9			
# in 3 IN DIAMETER:	10			



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288176.__1
FILE DATE AND TIME: 12/07/2004 08:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.841
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.250
The Distance from Centroid Target #4 to Centroid Target #1:	0.101
The Distance from Centroid Target #5 to Centroid Target #1:	0.175

SERIAL NUMBER: G6288176. __1

TARGET NUMBER: 1

FILE DATE: 12/07/2004

FILE TIME: 08:11

X CENTROID: 0.043

Y CENTROID: -0.039

POA TO CENTROID: 0.058

HORZ SPREAD: 1.825

VERT SPREAD: 1.359

GROUP SPREAD: 1.898

MIN RADIUS: 0.367

MAX RADIUS: 1.081

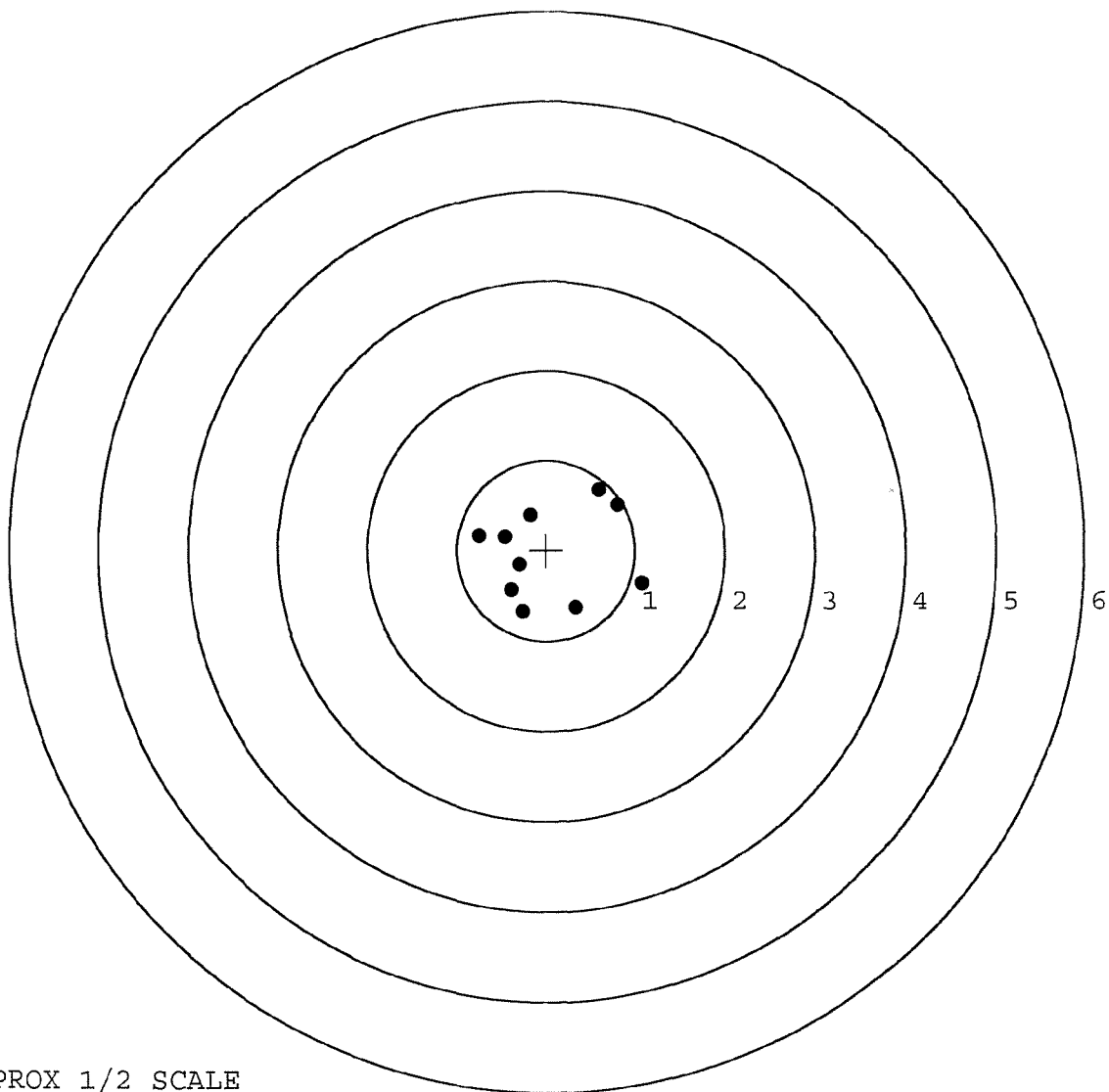
MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.075	-0.361
2:	0.797	0.509
3:	0.591	0.678
4:	-0.182	0.388
5:	0.331	-0.632
6:	-0.270	-0.681
7:	-0.397	-0.440
8:	-0.302	-0.166
9:	-0.465	0.152
10:	-0.750	0.162

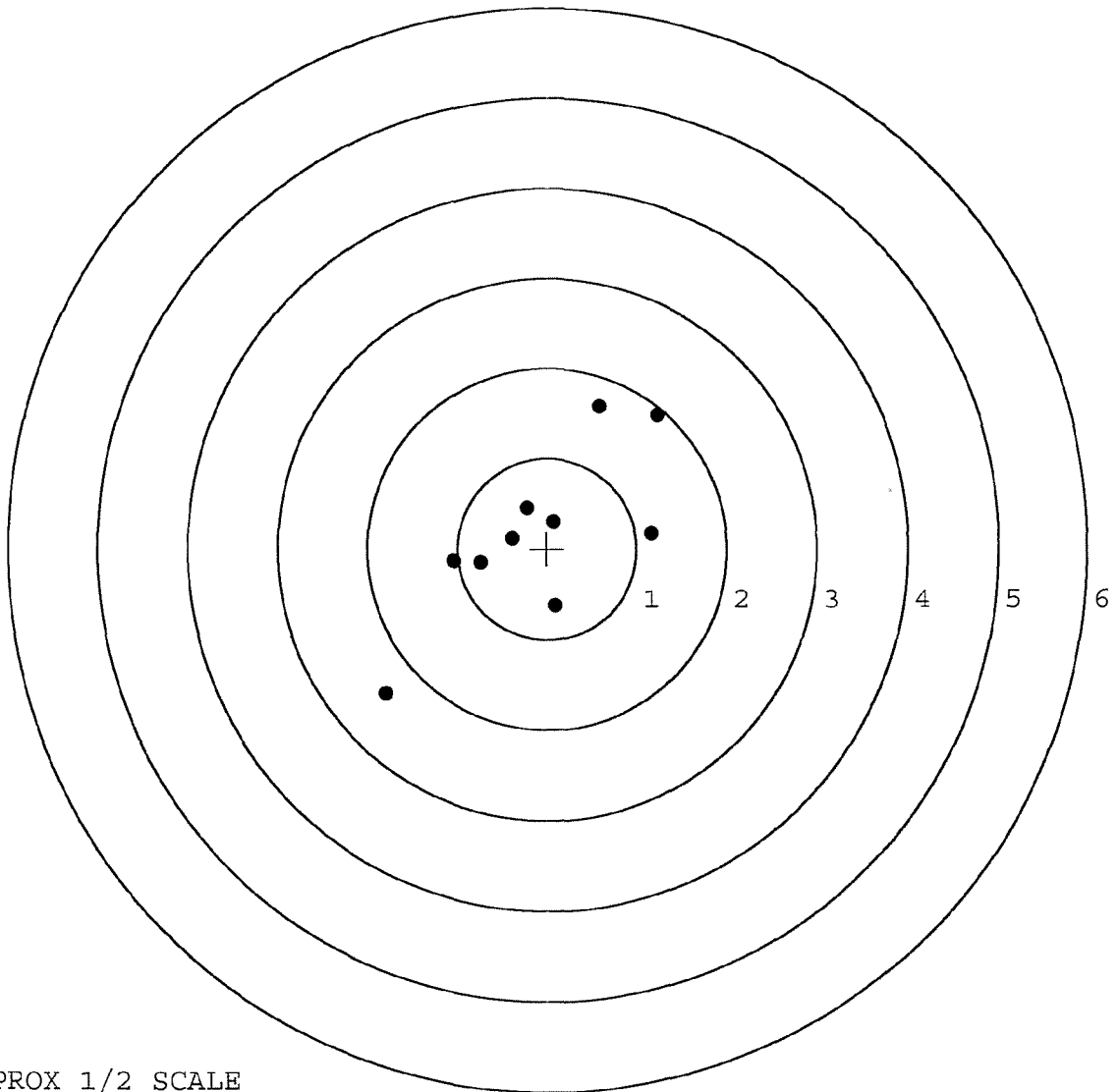


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __1
TARGET NUMBER: 2
FILE DATE: 12/07/2004
FILE TIME: 08:11

X CENTROID: -0.105
Y CENTROID: 0.158
POA TO CENTROID: 0.189
HORZ SPREAD: 3.031
VERT SPREAD: 3.177
GROUP SPREAD: 4.320
MIN RADIUS: 0.223
MAX RADIUS: 2.441
MEAN RADIUS: 1.051
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

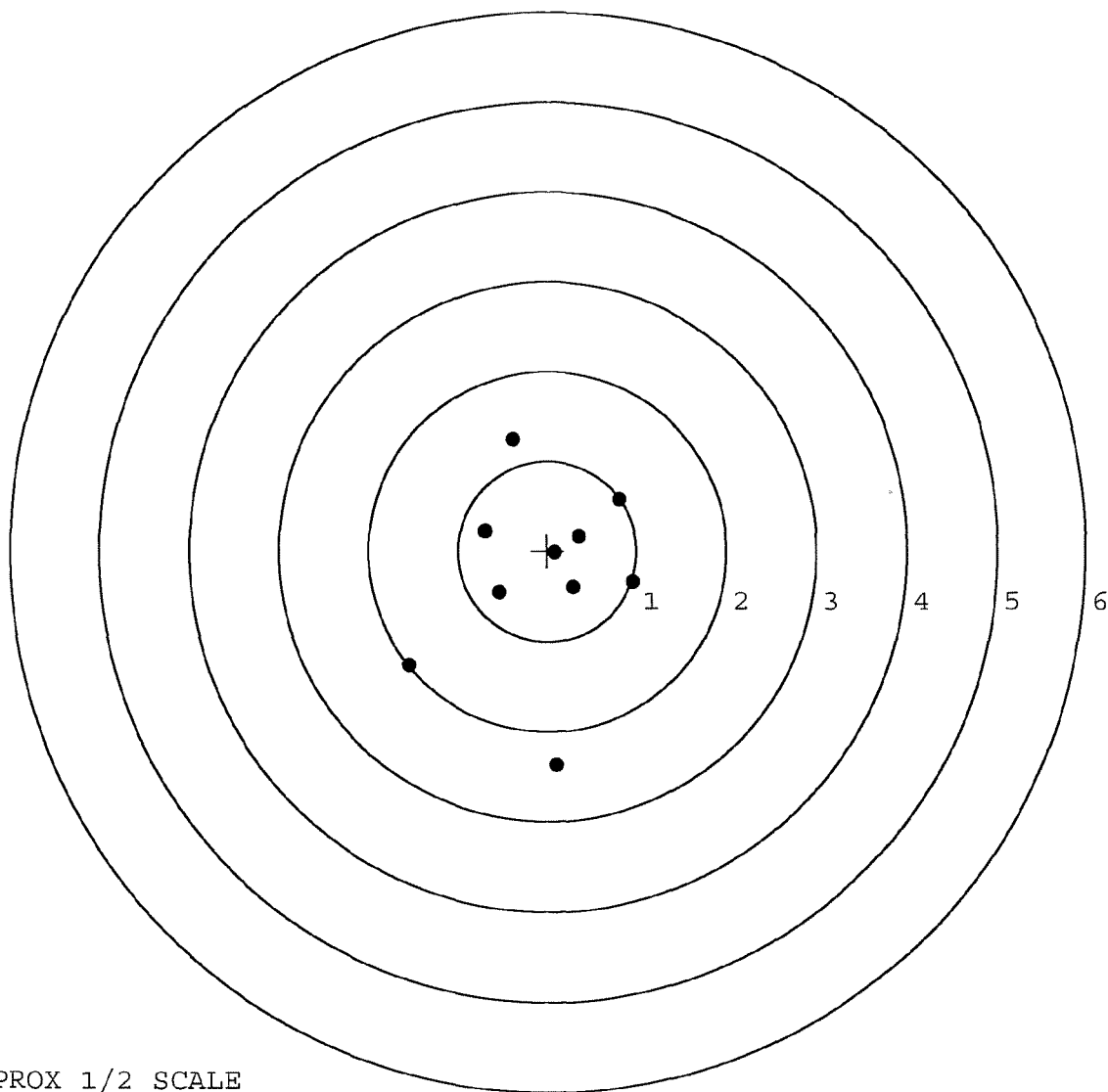
POINT#	X	Y
1:	1.173	0.170
2:	1.232	1.478
3:	0.586	1.577
4:	0.093	-0.630
5:	0.071	0.295
6:	-1.799	-1.600
7:	-0.227	0.451
8:	-0.740	-0.147
9:	-1.046	-0.135
10:	-0.389	0.117



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __1
TARGET NUMBER: 3
FILE DATE: 12/07/2004
FILE TIME: 08:11

	POINT#	X	Y
	1:	0.113	-2.386
	2:	0.963	-0.342
	3:	0.801	0.579
	4:	-1.542	-1.271
X CENTROID:	5:	-0.543	-0.461
Y CENTROID:	6:	-0.700	0.218
POA TO CENTROID:	7:	-0.387	1.239
HORZ SPREAD:	8:	0.291	-0.401
VERT SPREAD:	9:	0.085	-0.024
GROUP SPREAD:	10:	0.355	0.165
MIN RADIUS:		0.282	
MAX RADIUS:		2.124	
MEAN RADIUS:		1.027	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		5	
# in 3 IN DIAMETER:		7	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176.___1

TARGET NUMBER: 4

FILE DATE: 12/07/2004

FILE TIME: 08:11

X CENTROID: -0.023

Y CENTROID: 0.038

POA TO CENTROID: 0.045

HORZ SPREAD: 1.962

VERT SPREAD: 1.268

GROUP SPREAD: 1.983

MIN RADIUS: 0.121

MAX RADIUS: 1.161

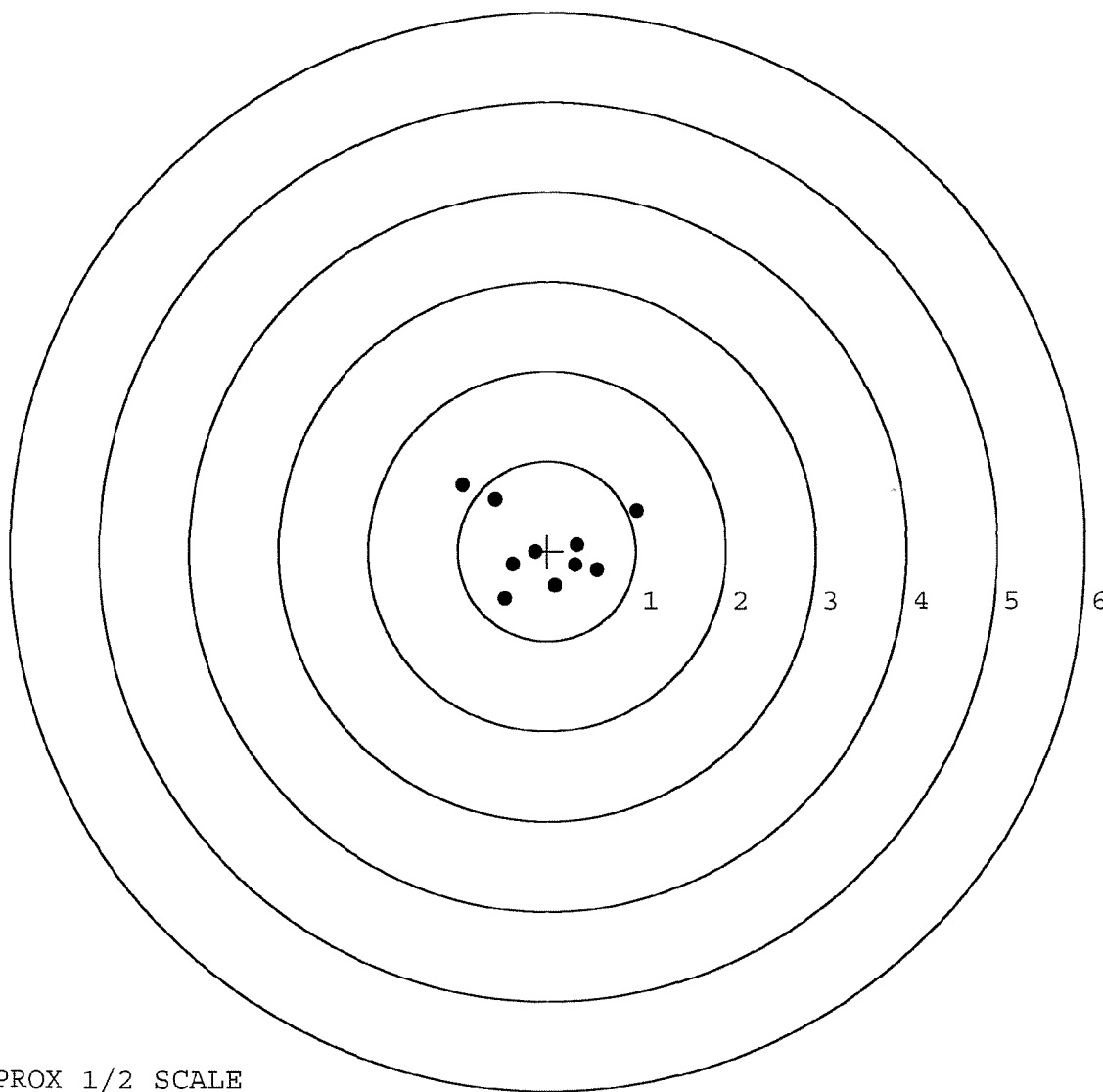
MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.011	0.450
2:	-0.589	0.579
3:	-0.951	0.735
4:	-0.478	-0.533
5:	-0.392	-0.150
6:	-0.134	-0.009
7:	0.093	-0.387
8:	0.562	-0.213
9:	0.317	-0.159
10:	0.334	0.070

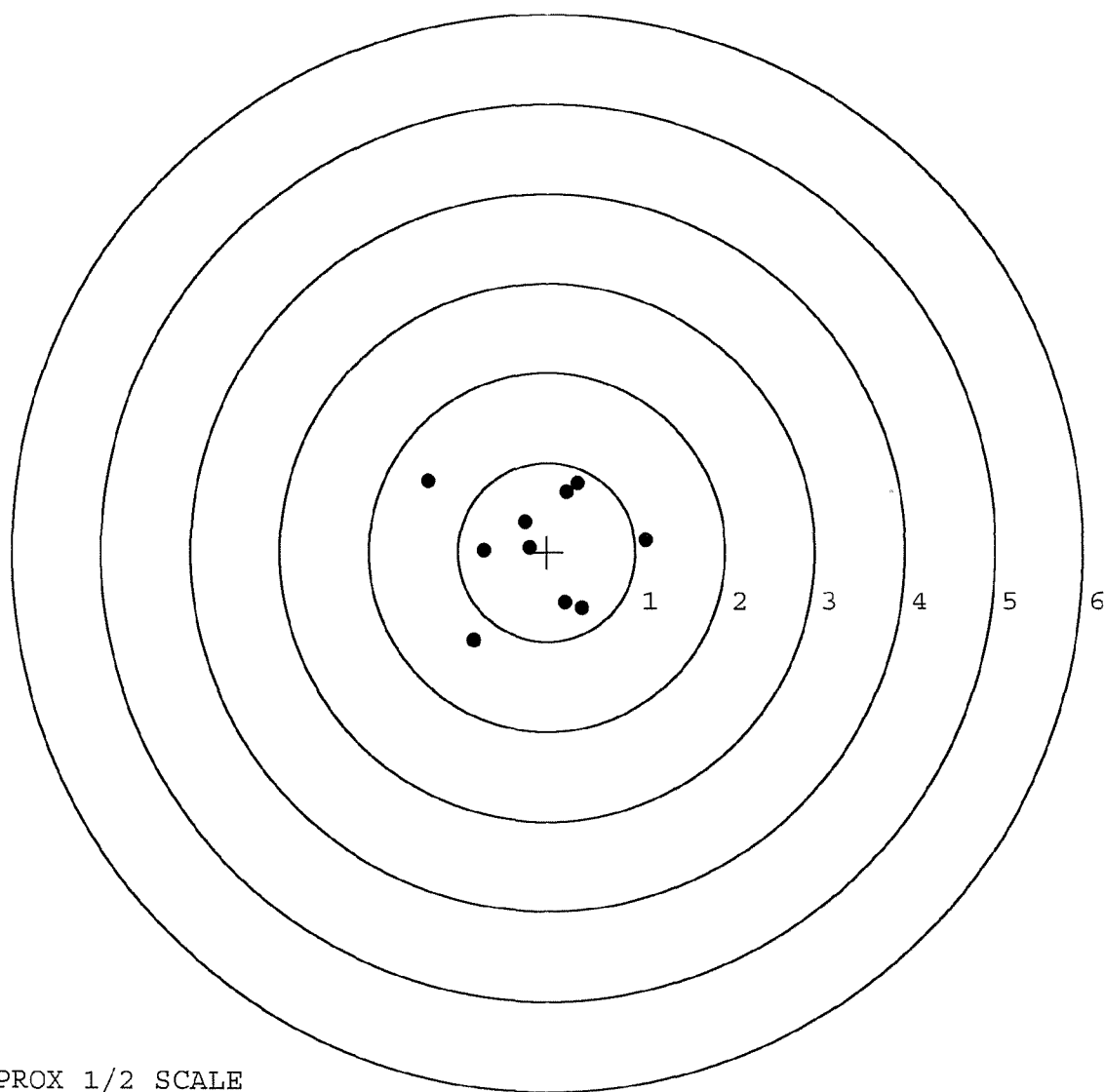


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176.___1
TARGET NUMBER: 5
FILE DATE: 12/07/2004
FILE TIME: 08:11

X CENTROID: -0.104
Y CENTROID: 0.057
POA TO CENTROID: 0.118
HORZ SPREAD: 2.449
VERT SPREAD: 1.789
GROUP SPREAD: 2.535
MIN RADIUS: 0.090
MAX RADIUS: 1.432
MEAN RADIUS: 0.803
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.115	0.134
2:	0.394	-0.628
3:	0.206	-0.570
4:	-0.822	-1.000
5:	0.346	0.768
6:	0.216	0.671
7:	-0.255	0.337
8:	-0.194	0.051
9:	-0.710	0.015
10:	-1.334	0.789



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

Suppressor # 4366

R & E NUMBER	87624		
SERIAL NUMBER	G 6288176		
LOG-IN DATE	11-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-12-04	AC
560 A	RE-BARREL	11-14-04	RTL
B	DRILL AND TAP	NA	NA
575	ASSEMBLE	11-14-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	W
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	HP
625 A	FINAL ASSEMBLY	12-7-04	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-7-04	TRW
655	FINAL INSPECT	12-8-04	AC
660	PACK	12/9/04	NA
		SHIP DATE	
QAR INSPECTION DATE			

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # 66288176 INSPECTED BY: RZ

DATE REC'D: 11-8-04 DATE RET'D: 12-9-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☐ FRONT SIGHT BASE
☐ REAR SIGHT BASE
☐ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

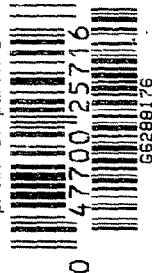
BOLT ACTION CENTERFIRE RIFLE

24" BARREL 7.62 NATO

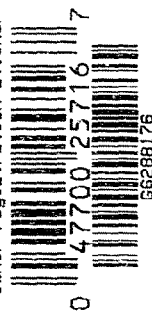
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



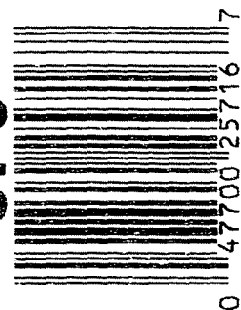
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6288176

UPC



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. **G6288176**
 Order No. **25716**

DD

Made in Illinois, Inc. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

09XX

5716 G6288176

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 # G6288176

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			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-03-03	BS
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		11/19/03	RLW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/19/03	RLW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/19/03	RLW
	D) OIL FIRING PIN ASSEMBLY		11/19/03	RLW
	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>	<u>12/3/03</u>	<u>Ru</u>
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3</u> <u>3</u> <u>2.5</u>	<u>12/3/03</u>	<u>Ru</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.023</u> <u>.023</u>	<u>12/3/03</u>	<u>Ru</u>
	J) ASSEMBLE STOCK		<u>11/19/03</u>	<u>Ru</u>
	K) ASSEMBLE SWIVEL STUDS		<u>12-5-03</u>	<u>RT</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>11/19/03</u>	<u>Ru</u>
	M) IRON SIGHT ALIGNMENT		<u>11/19/03</u>	<u>Ru</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>11/19/03</u>	<u>Ru</u>
640	GALLERY TEST AND TARGET	PASS FAIL	<u>11-24-03</u>	<u>K</u>
	MALFUNCTION	CORRECTION	<u>11-24-03</u>	<u>K</u>
	MALFUNCTION	CORRECTION	<u>11-24-03</u>	<u>K</u>
	MALFUNCTION	CORRECTION	<u>11-24-03</u>	<u>K</u>
	MALFUNCTION	CORRECTION	<u>11-24-03</u>	<u>K</u>
645	INSPECT FOR LIVE AMMO		<u>11-24-03</u>	<u>K</u>
655	FINAL INSPECTION A) HEADSPACE		<u>12-5-03</u>	<u>RT</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.44</u> <u>2.34</u> <u>2.23</u> <u>2.37</u> <u>2.73</u>	<u>12/3/03</u>	<u>Ru</u>
	C) FUNCTION		<u>12-5-03</u>	<u>RT</u>
660	PACK		<u>2/5/03</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 11-19-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.48		2.55	
PULL #2	2.66	2.89		2.27	
PULL #3	2.64	2.39		2.65	
PULL #4	2.56	2.77		2.50	
PULL #5	2.74	2.80		2.71	
TOTAL	13.08	13.33		12.68	
AVERAGE	2.61	2.66		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.97	3.13		
PULL #2	3.02	2.93		
PULL #3	3.10	2.98		
PULL #4	3.09	2.95		
PULL #5	3.05	2.93		
TOTAL	15.23	14.92		
AVERAGE	3.04	2.98		

	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	4.25		4.21
PULL #2	4.07	4.19		4.12
PULL #3	4.41	4.20		4.15
PULL #4	4.08	4.23		4.35
PULL #5	4.48	4.28		4.13
TOTAL	21.37	21.15		21.29
AVERAGE	4.27	4.23		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288176.___0
FILE DATE AND TIME: 11/24/2003 11:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.067
The Average Y Centroid of the Five Target Set:	0.184
The Average Point of Impact of the Five Target Set:	0.196
The Average Mean Radius of the Five Target Set:	1.059
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.339
The Distance from Centroid Target #3 to Centroid Target #1:	0.456
The Distance from Centroid Target #4 to Centroid Target #1:	0.657
The Distance from Centroid Target #5 to Centroid Target #1:	0.428

SERIAL NUMBER: G6288176. __0

TARGET NUMBER: 1

FILE DATE: 11/24/2003

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POINT#	X	Y
1:	0.004	1.016
2:	-0.876	1.054
3:	-0.631	-1.070
4:	0.173	-0.700
5:	0.661	-0.981
6:	0.640	-0.477
7:	0.975	0.178
8:	0.706	0.099
9:	0.289	0.130
10:	0.761	0.235

X CENTROID: 0.270

Y CENTROID: -0.052

POA TO CENTROID: 0.275

HORZ SPREAD: 1.851

VERT SPREAD: 2.124

GROUP SPREAD: 2.550

MIN RADIUS: 0.183

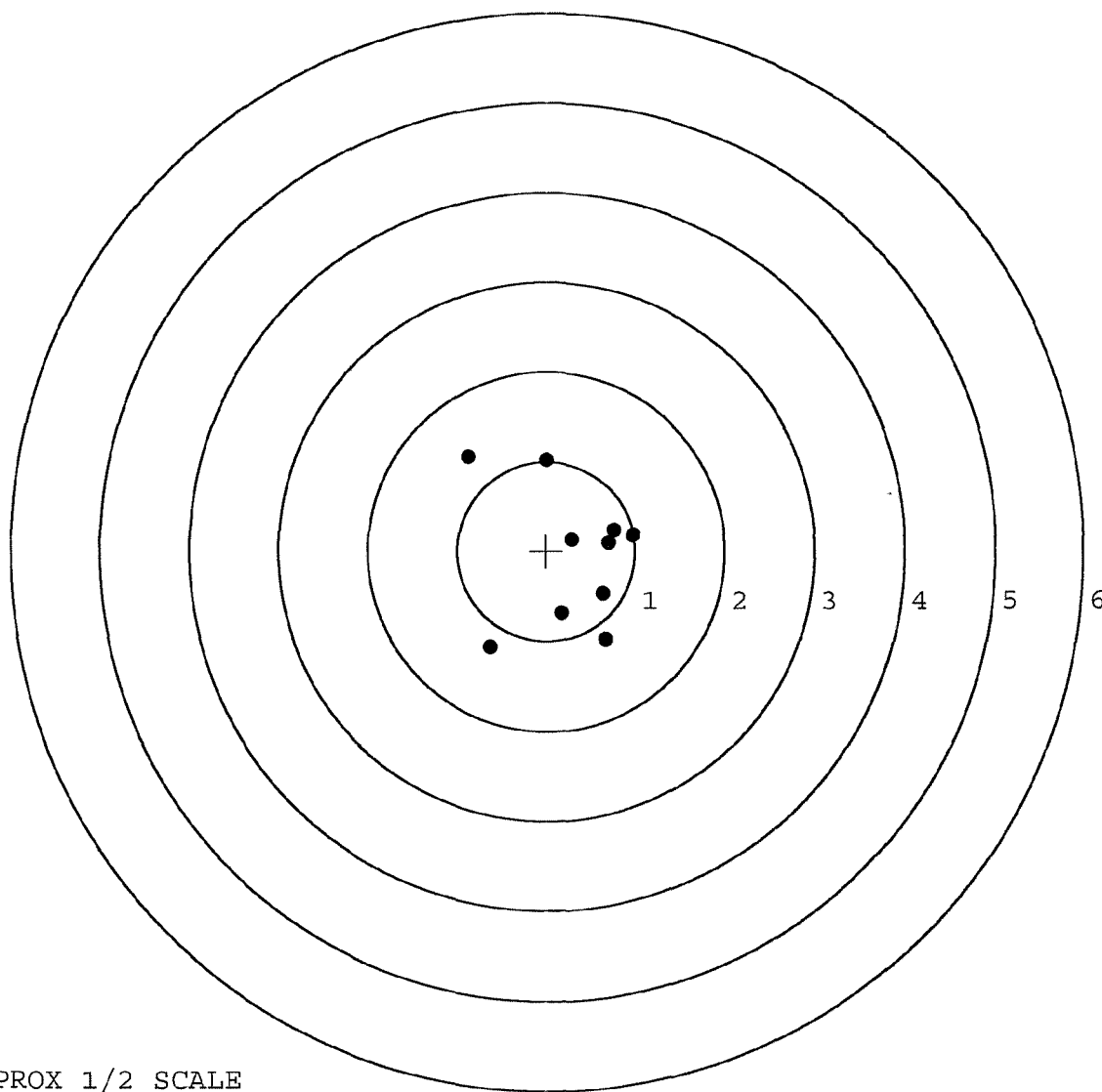
MAX RADIUS: 1.593

MEAN RADIUS: 0.823

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

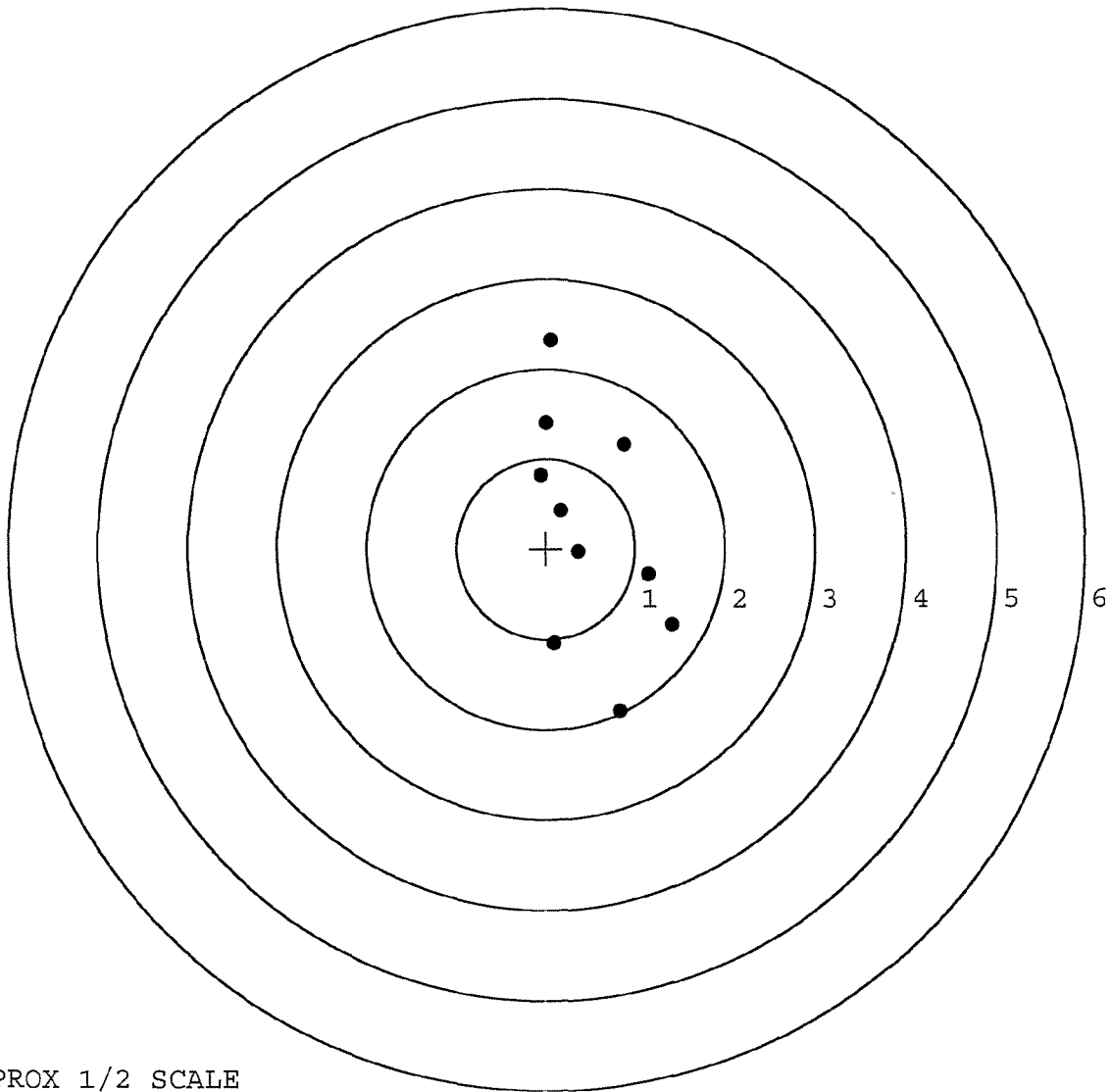


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __0
TARGET NUMBER: 2
FILE DATE: 11/24/2003
FILE TIME: 11:01

X CENTROID: 0.486
Y CENTROID: 0.210
POA TO CENTROID: 0.530
HORZ SPREAD: 1.476
VERT SPREAD: 4.111
GROUP SPREAD: 4.184
MIN RADIUS: 0.277
MAX RADIUS: 2.148
MEAN RADIUS: 1.154
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.053	2.314
2:	-0.009	1.395
3:	-0.064	0.818
4:	0.874	1.164
5:	0.161	0.426
6:	0.362	-0.038
7:	1.151	-0.289
8:	0.095	-1.049
9:	1.412	-0.845
10:	0.829	-1.797



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. __0

TARGET NUMBER: 3

FILE DATE: 11/24/2003

FILE TIME: 11:01

POINT#	X	Y
1:	0.106	0.750
2:	-0.220	0.532
3:	-0.118	0.072
4:	0.168	-0.028
5:	-0.331	-0.240
6:	0.136	-0.508
7:	-0.047	-0.939
8:	-0.242	-1.699
9:	0.114	1.821
10:	-0.112	2.923

X CENTROID: -0.055

Y CENTROID: 0.268

POA TO CENTROID: 0.274

HORZ SPREAD: 0.499

VERT SPREAD: 4.622

GROUP SPREAD: 4.624

MIN RADIUS: 0.206

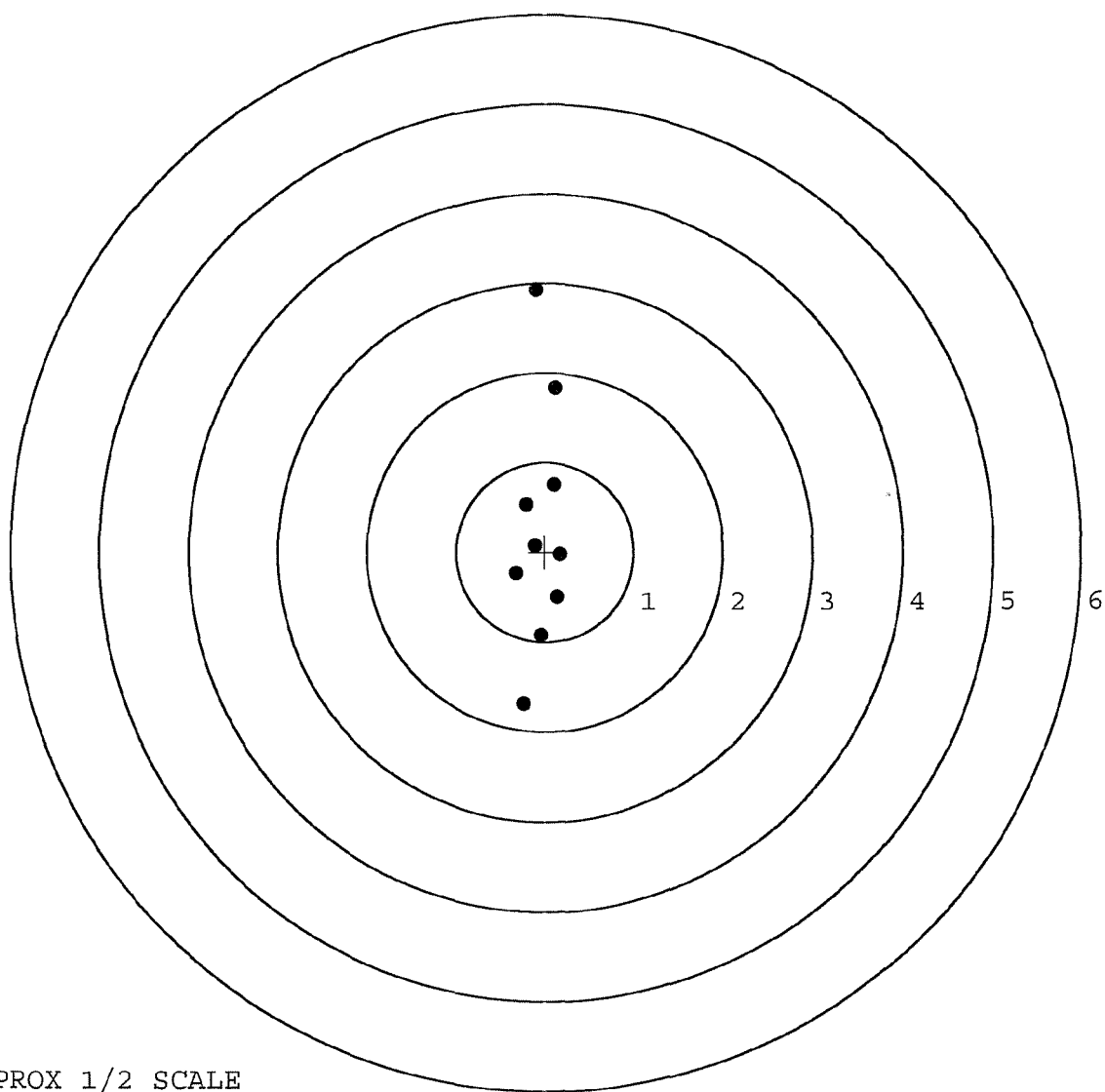
MAX RADIUS: 2.655

MEAN RADIUS: 1.017

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

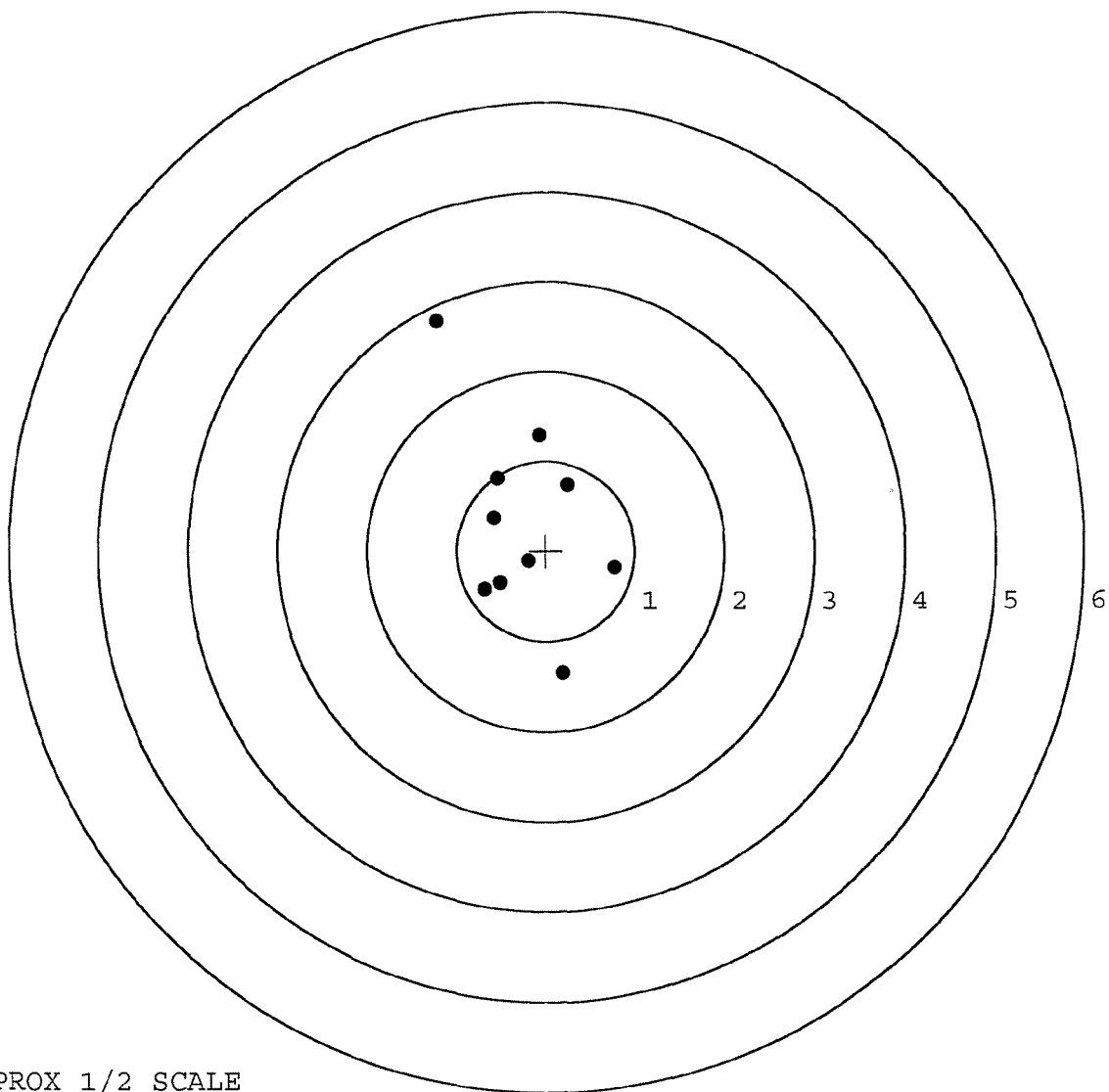


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. 0
TARGET NUMBER: 4
FILE DATE: 11/24/2003
FILE TIME: 11:01

X CENTROID: -0.264
Y CENTROID: 0.331
POA TO CENTROID: 0.424
HORZ SPREAD: 1.995
VERT SPREAD: 3.914
GROUP SPREAD: 4.161
MIN RADIUS: 0.331
MAX RADIUS: 2.420
MEAN RADIUS: 0.990
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.077	1.286
2:	-0.553	0.808
3:	-0.593	0.368
4:	-0.198	-0.116
5:	-0.690	-0.429
6:	0.243	0.745
7:	0.773	-0.183
8:	0.191	-1.360
9:	-1.222	2.554
10:	-0.517	-0.360



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288176. 0

TARGET NUMBER: 5

FILE DATE: 11/24/2003

FILE TIME: 11:01

POINT#	X	Y
1:	0.246	3.276
2:	0.295	2.285
3:	-0.510	1.107
4:	-0.414	-0.278
5:	-0.658	-1.971
6:	-0.051	-1.602
7:	0.146	-0.682
8:	0.201	-0.005
9:	-0.421	-0.223
10:	0.155	-0.295

X CENTROID: -0.101

Y CENTROID: 0.161

POA TO CENTROID: 0.190

HORZ SPREAD: 0.953

VERT SPREAD: 5.247

GROUP SPREAD: 5.324

MIN RADIUS: 0.345

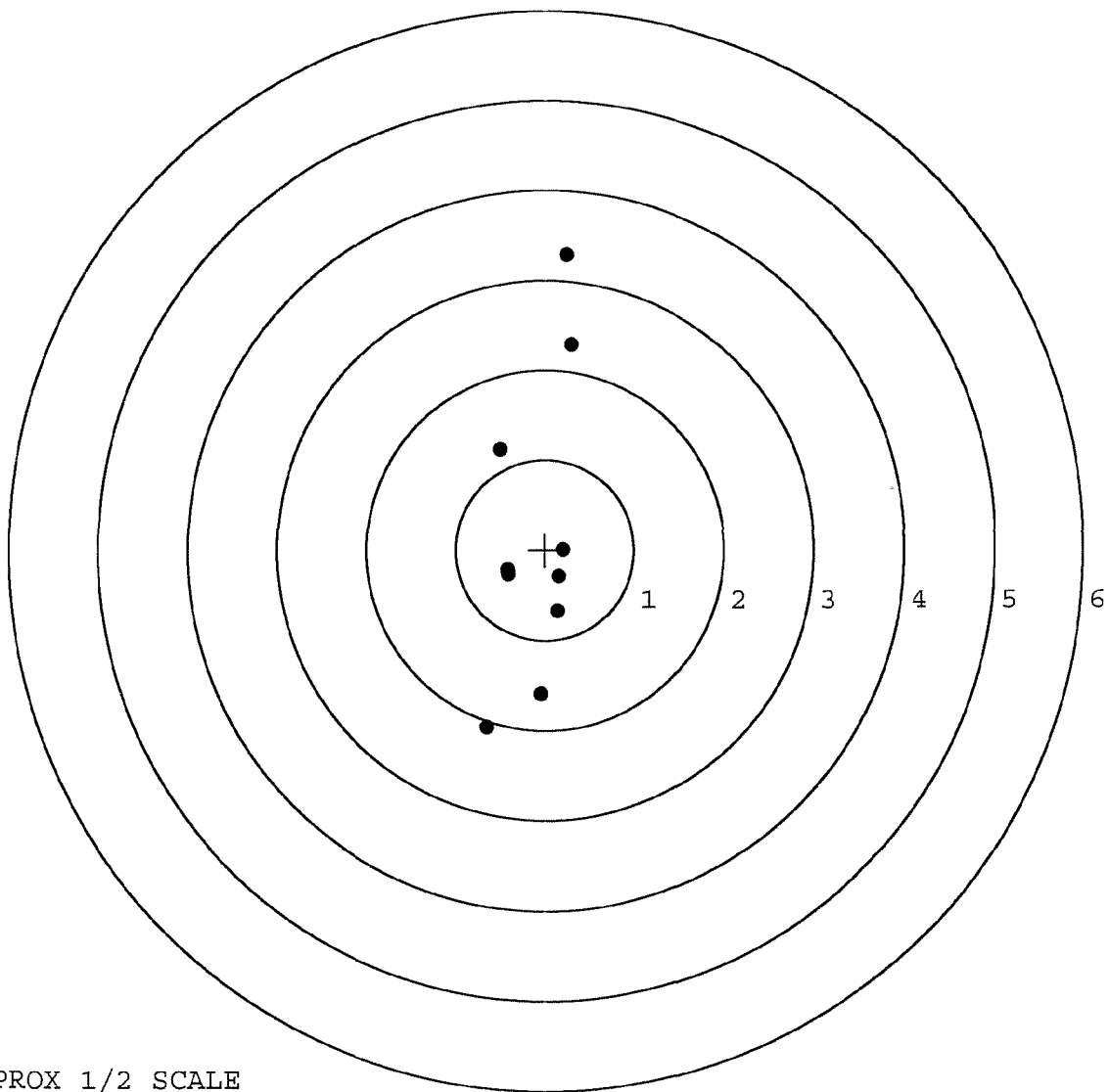
MAX RADIUS: 3.134

MEAN RADIUS: 1.308

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE