

G6288184

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: RE00131863

Serial: C6228184 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/14/1988

Repairman:

Verify Repair

Status:

Closed 7/30/2007 9:47:12 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: VILSECK

VILSECK

State: DE

Zip Code: 92249

Country: US

State: DE

Zip Code: 92249

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/31/2007

9:05 AM

CAPS

NUM

INS

SCRL

start

2 M.

6 I.

3 M.

Par...

SA...

Ar...

Re...

9:05 AM

Serial Number: **G6288184**

Model: M24 SWS



RE00131863

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288184.__0
FILE DATE AND TIME: 08/21/2007 00:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

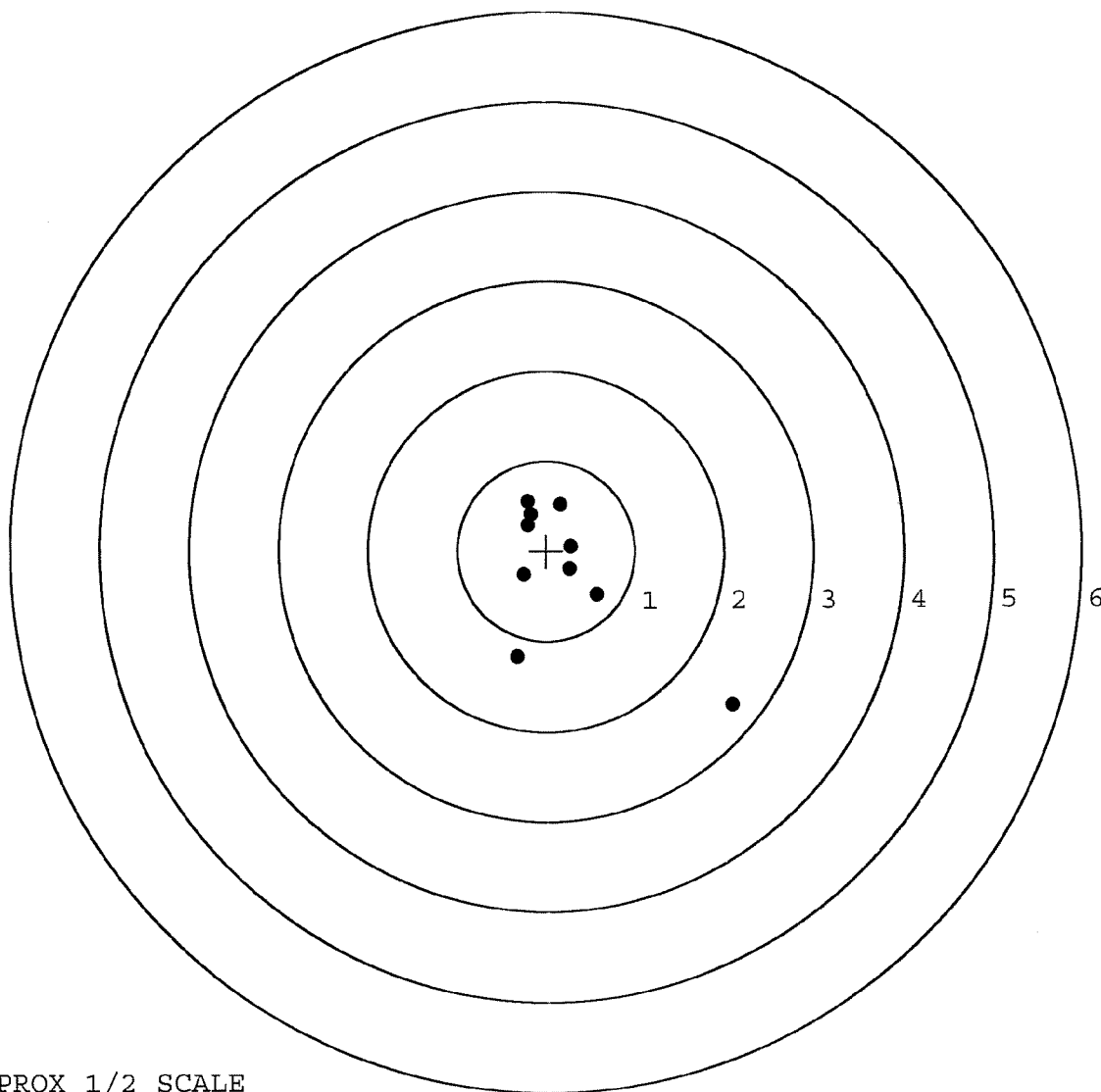
The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.298
The Distance from Centroid Target #2 to Centroid Target #1:	0.072
The Distance from Centroid Target #3 to Centroid Target #1:	0.489
The Distance from Centroid Target #4 to Centroid Target #1:	0.366
The Distance from Centroid Target #5 to Centroid Target #1:	0.179

BARBER - M24 0157808

SERIAL NUMBER: G6288184. __0
 TARGET NUMBER: 1
 FILE DATE: 08/21/2007
 FILE TIME: 00:53

POINT#	X	Y
1:	-0.208	0.293
2:	-0.208	0.548
3:	0.166	0.516
4:	0.275	0.048
5:	0.266	-0.202
6:	0.572	-0.492
7:	-0.258	-0.273
8:	-0.338	-1.175
9:	-0.176	0.408
10:	2.086	-1.712

X CENTROID: 0.218
 Y CENTROID: -0.204
 POA TO CENTROID: 0.298
 HORZ SPREAD: 2.424
 VERT SPREAD: 2.260
 GROUP SPREAD: 3.220
 MIN RADIUS: 0.048
 MAX RADIUS: 2.401
 MEAN RADIUS: 0.773
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. __0

TARGET NUMBER: 2

FILE DATE: 08/21/2007

FILE TIME: 00:53

X CENTROID: 0.234

Y CENTROID: -0.134

POA TO CENTROID: 0.270

HORZ SPREAD: 1.425

VERT SPREAD: 2.114

GROUP SPREAD: 2.539

MIN RADIUS: 0.135

MAX RADIUS: 1.509

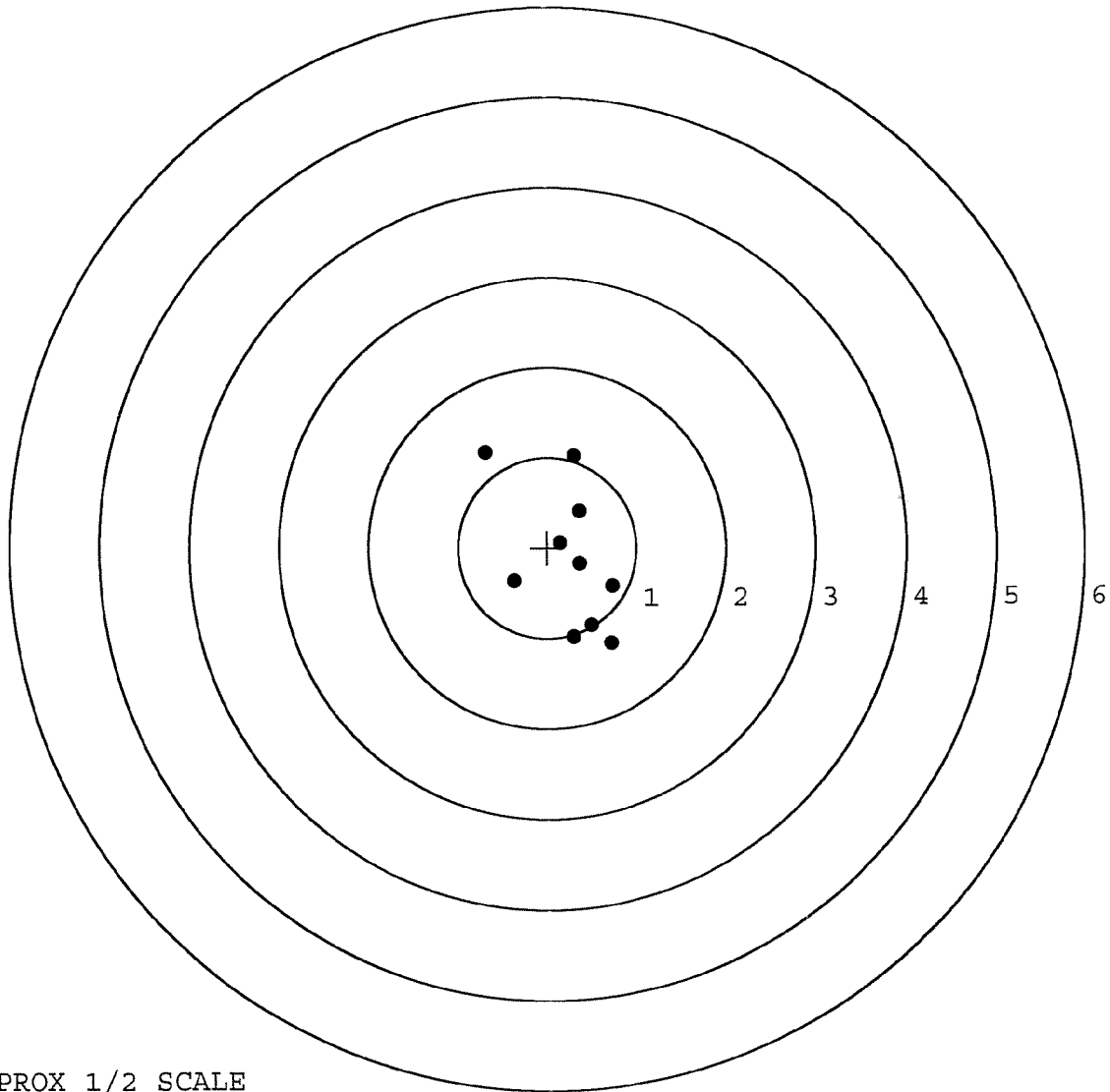
MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.692	1.058
2:	0.300	1.020
3:	0.366	0.407
4:	0.146	0.056
5:	0.362	-0.177
6:	0.733	-0.424
7:	0.498	-0.858
8:	0.714	-1.056
9:	0.295	-0.993
10:	-0.379	-0.369



TARGET APPROX 1/2 SCALE

BARBER - M24 0157810

SERIAL NUMBER: G6288184. __0

TARGET NUMBER: 3

FILE DATE: 08/21/2007

FILE TIME: 00:53

X CENTROID: -0.240

Y CENTROID: -0.032

POA TO CENTROID: 0.242

HORZ SPREAD: 2.212

VERT SPREAD: 2.256

GROUP SPREAD: 2.726

MIN RADIUS: 0.133

MAX RADIUS: 1.542

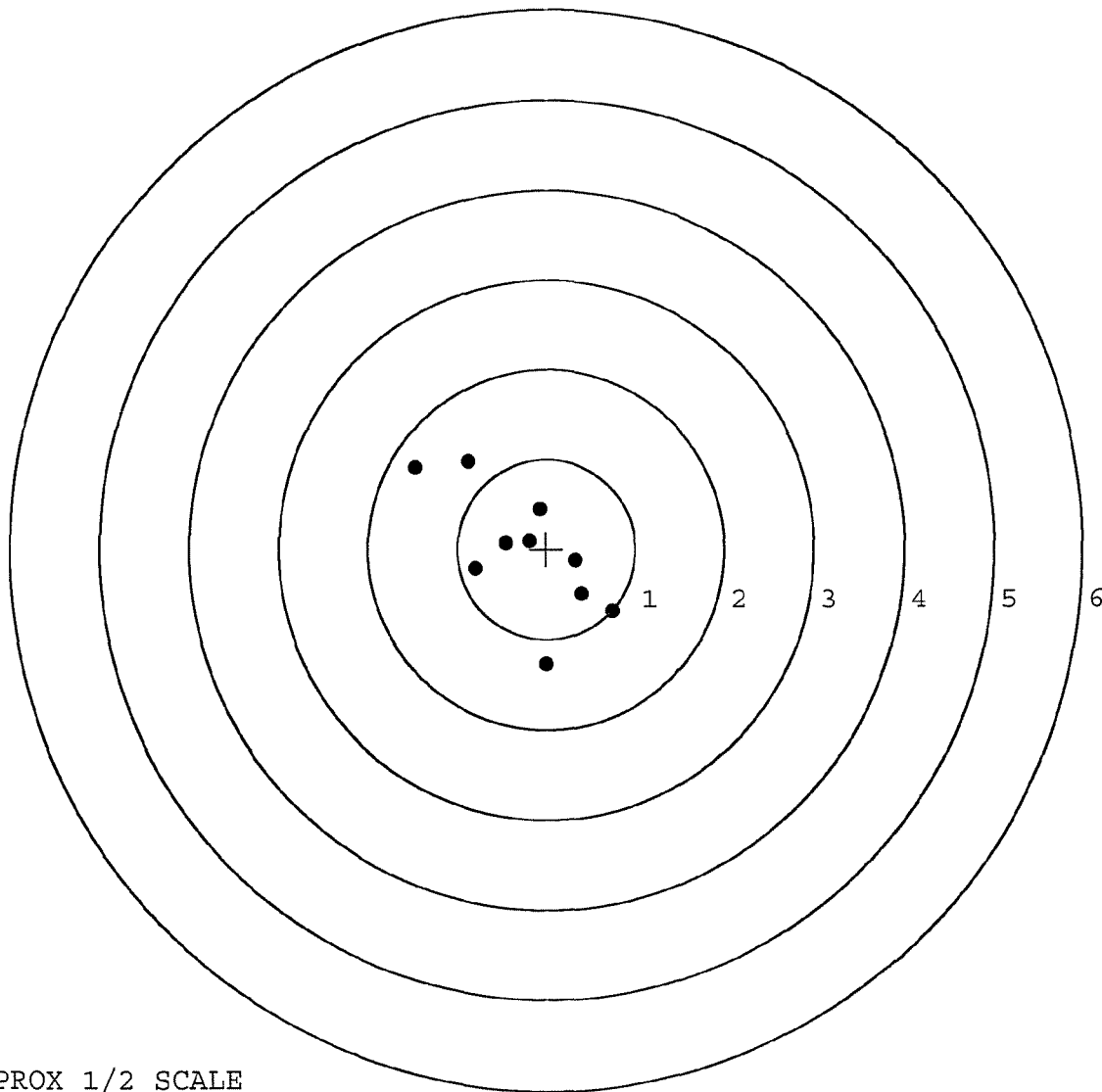
MEAN RADIUS: 0.802

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.880	0.975
2:	-1.467	0.902
3:	-0.799	-0.218
4:	-0.456	0.073
5:	-0.192	0.091
6:	-0.078	0.443
7:	0.332	-0.121
8:	0.394	-0.496
9:	0.745	-0.692
10:	-0.002	-1.281

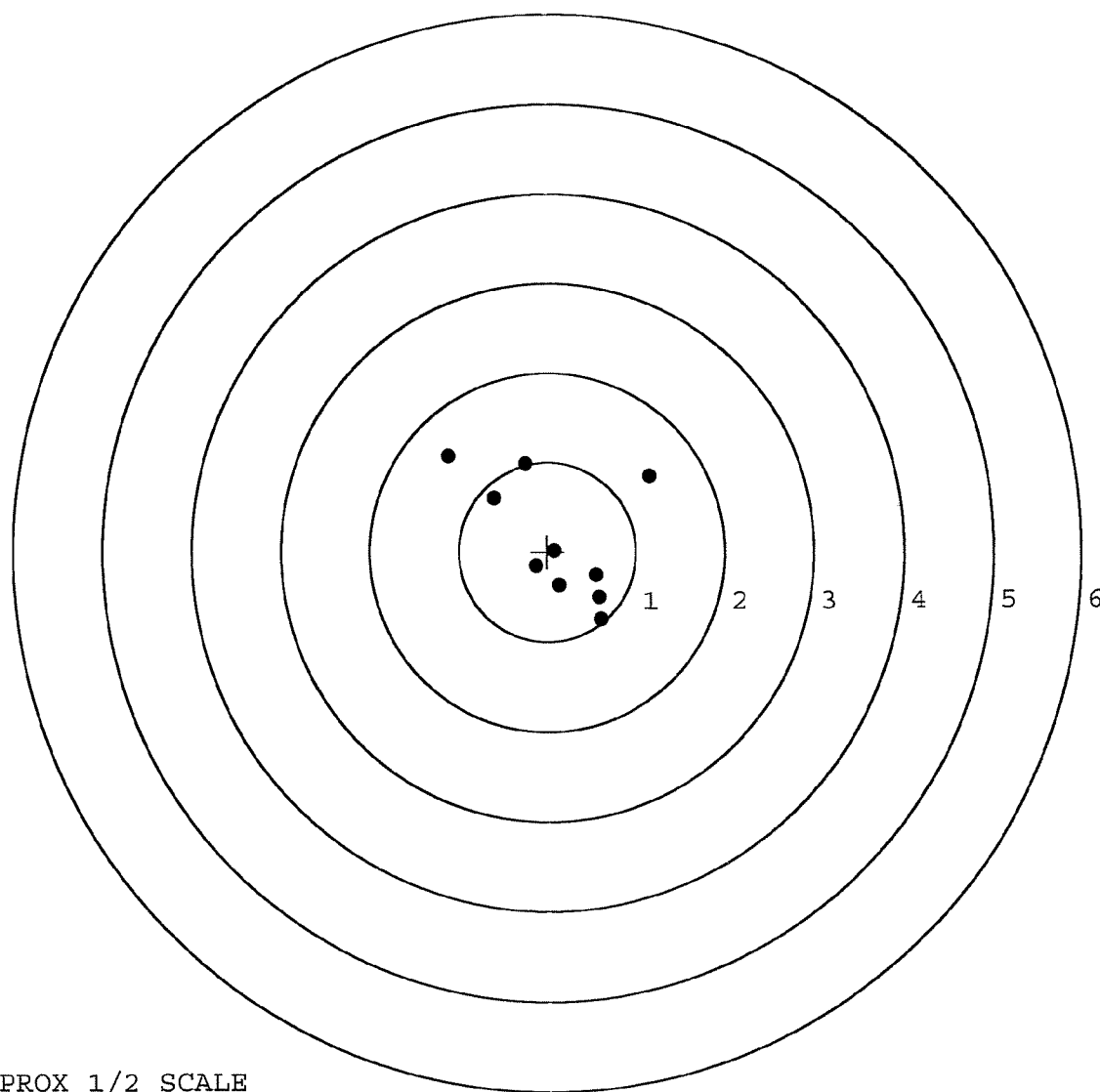


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. __0
 TARGET NUMBER: 4
 FILE DATE: 08/21/2007
 FILE TIME: 00:53

POINT#	X	Y
1:	-1.119	1.067
2:	-0.604	0.602
3:	-0.253	0.981
4:	1.157	0.841
5:	0.076	0.011
6:	-0.128	-0.164
7:	0.132	-0.375
8:	0.552	-0.263
9:	0.583	-0.511
10:	0.605	-0.759

X CENTROID: 0.100
 Y CENTROID: 0.143
 POA TO CENTROID: 0.175
 HORZ SPREAD: 2.276
 VERT SPREAD: 1.826
 GROUP SPREAD: 2.511
 MIN RADIUS: 0.134
 MAX RADIUS: 1.530
 MEAN RADIUS: 0.804
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. 0

TARGET NUMBER: 5

FILE DATE: 08/21/2007

FILE TIME: 00:53

POINT#	X	Y
1:	-0.283	0.993
2:	-0.288	0.605
3:	-0.529	0.177
4:	-0.193	-0.193
5:	0.155	0.031
6:	0.291	-0.246
7:	0.593	-0.117
8:	1.002	0.063
9:	0.139	-0.823
10:	-0.260	-1.632

X CENTROID: 0.063

Y CENTROID: -0.114

POA TO CENTROID: 0.130

HORZ SPREAD: 1.531

VERT SPREAD: 2.625

GROUP SPREAD: 2.625

MIN RADIUS: 0.172

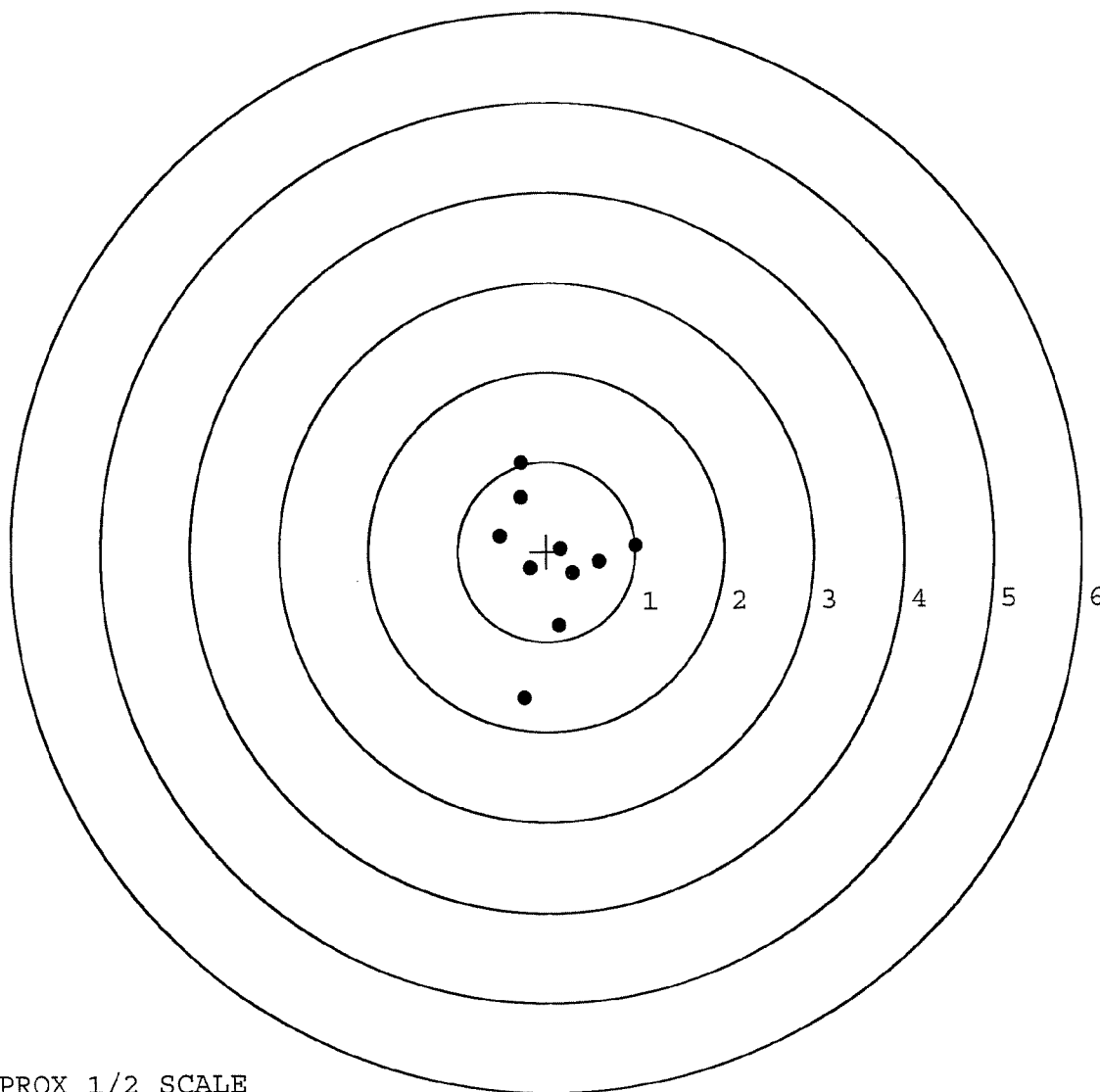
MAX RADIUS: 1.552

MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER

131863

SERIAL NUMBER

G6288184

LOG-IN DATE

7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-7-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	BM
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	NZS
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	LY
620	APPLY COATINGS	8/15/07	ZB
625	FINAL ASSEMBLY	8-20-07	RTZ
640	FUNCTION TEST AND	8/20/07	mm
650	TARGET	8/20/07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-20-07	SD
	A) HEADSPACE	PASS FAIL	8-23-07 DA
	B) TRIGGER PULL	2.56 2.56 2.60 2.60 2.54	8-21-07 TRW
680	F) SAFETY ON FORCE	6.5 7.0 6.75	8-21-07 TRW
	G) SAFETY OFF FORCE	2.0 2.0 2.25	8-21-07 TRW
	I) FIRING PIN INDENT	.023 ⁵ .023 .023	8-21-07 TRW
690	PACK		8-23-07 DA

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

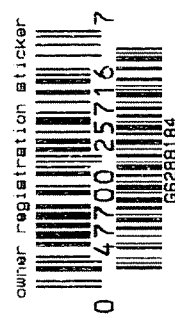
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



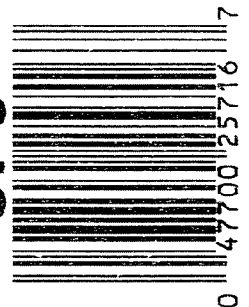
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6288184

UPC



VERY IMPORTANT
Instruction Book
attached 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.
66288184

ORDER NO.
25716

DD

Made in Illinois, Inc. Reg. U.S. Pat. & Tm. Off. - For use Registered Mark of Remington-Union Corp.

17XX

5716 66288184

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M/24 7.62 NATO S.W.S. (COMPLETE SYST

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ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66288184

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			
615	ROLLMARK CALIBER		11-13-03	AB
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	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/24/03	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/24/03	RA
	D) OIL FIRING PIN ASSEMBLY		11/26/03	RA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8</u> <u>8</u> <u>8</u>	12/10/03	RW
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	12/10/03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	12/10/03	RW
	J) ASSEMBLE STOCK		12-1-03	RTL
	K) ASSEMBLE SWIVEL STUDS		12-1-03	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-1-03	RTL
	M) IRON SIGHT ALIGNMENT		12-1-03	RTL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-1-03	RTL
640	GALLERY TEST AND TARGET	PASS FAIL	12-6-03	A
	MALFUNCTION	CORRECTION	12-6-03	A
	MALFUNCTION	CORRECTION	12-6-03	A
	MALFUNCTION	CORRECTION	12-6-03	A
	MALFUNCTION	CORRECTION	12-6-03	A
645	INSPECT FOR LIVE AMMO		12-6-03	A
655	FINAL INSPECTION A) HEADSPACE		12-11-03	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.53</u> <u>2.30</u> <u>2.32</u> <u>2.40</u> <u>2.43</u>	12/9/03	RW
	C) FUNCTION		12-11-03	RTL
660	PACK		12/10/03	RA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0157818

SERIAL NO.

2.50 LBS (plus or minus 0.50 LBS)

DATE

11-21-03

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	2.30	2.21		2.59	
PULL #2	2.25	2.23		2.55	
PULL #3	2.46	2.39		2.57	
PULL #4	2.36	2.28		2.38	
PULL #5	2.24	2.12		2.44	
TOTAL	11.61	11.23		12.53	
AVERAGE	2.32	2.24		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.01		
PULL #2	3.13	3.14		
PULL #3	3.17	3.17		
PULL #4	3.19	3.10		
PULL #5	3.08	3.26		
TOTAL	15.74	15.68		
AVERAGE	3.14	3.13		

	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	4.37	4.18		4.16
PULL #2	4.40	3.91		4.01
PULL #3	4.31	4.16		4.51
PULL #4	4.29	4.18		4.23
PULL #5	4.44	3.58		4.28
TOTAL	21.81	20.01		21.19
AVERAGE	4.36	4.00		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288184.___0
FILE DATE AND TIME: 12/06/2003 07:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	1.140
The Distance from POA to Centroid Target #1:	0.369
The Distance from Centroid Target #2 to Centroid Target #1:	0.457
The Distance from Centroid Target #3 to Centroid Target #1:	0.642
The Distance from Centroid Target #4 to Centroid Target #1:	0.555
The Distance from Centroid Target #5 to Centroid Target #1:	0.719

SERIAL NUMBER: G6288184. 0

TARGET NUMBER: 1

FILE DATE: 12/06/2003

FILE TIME: 07:30

X CENTROID: -0.334

Y CENTROID: -0.158

POA TO CENTROID: 0.369

HORZ SPREAD: 2.815

VERT SPREAD: 4.152

GROUP SPREAD: 4.753

MIN RADIUS: 0.240

MAX RADIUS: 2.927

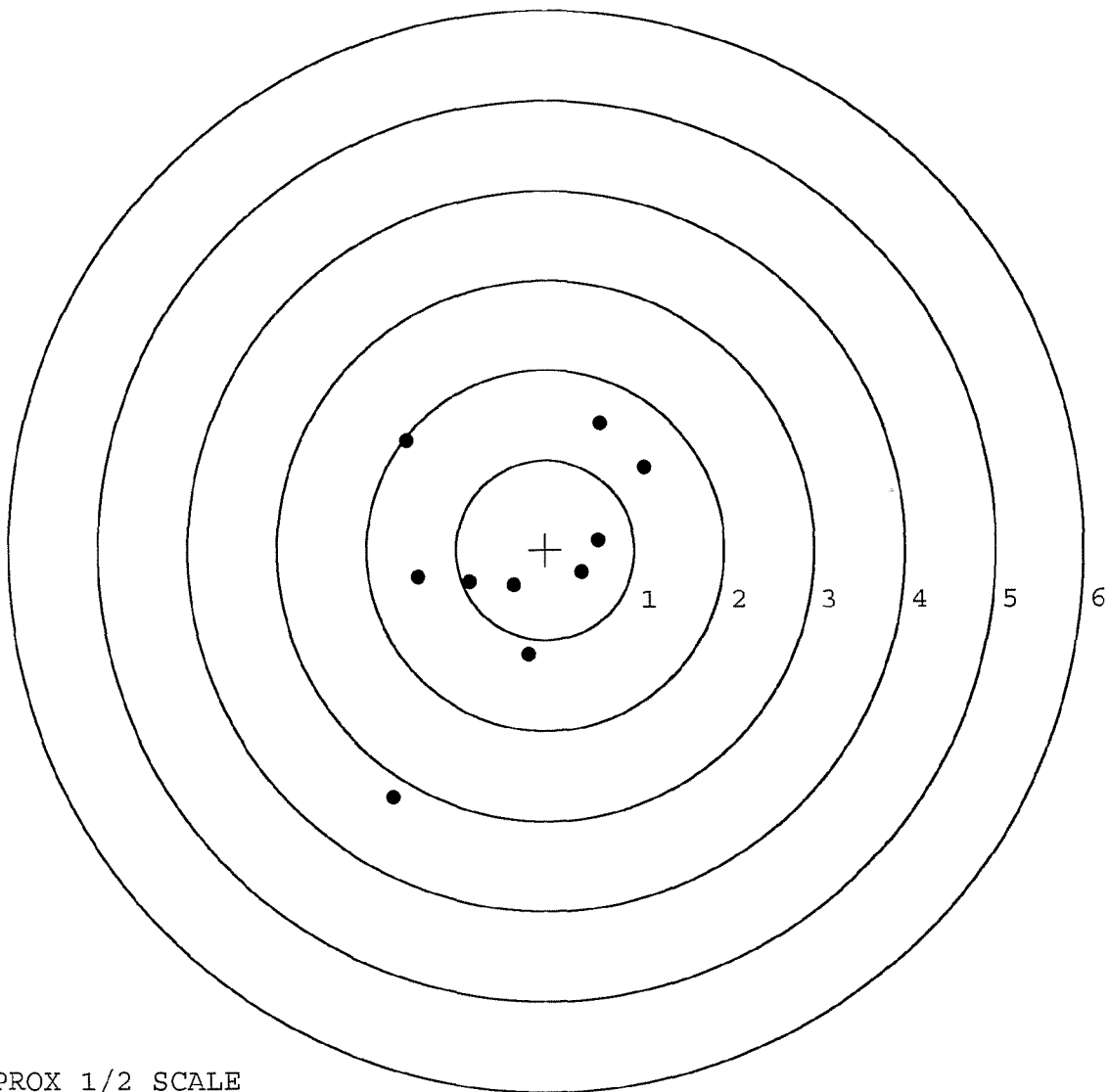
MEAN RADIUS: 1.303

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.612	1.407
2:	1.113	0.918
3:	0.599	0.107
4:	0.407	-0.251
5:	-0.190	-1.170
6:	-0.356	-0.397
7:	-0.852	-0.354
8:	-1.423	-0.310
9:	-1.547	1.218
10:	-1.702	-2.745

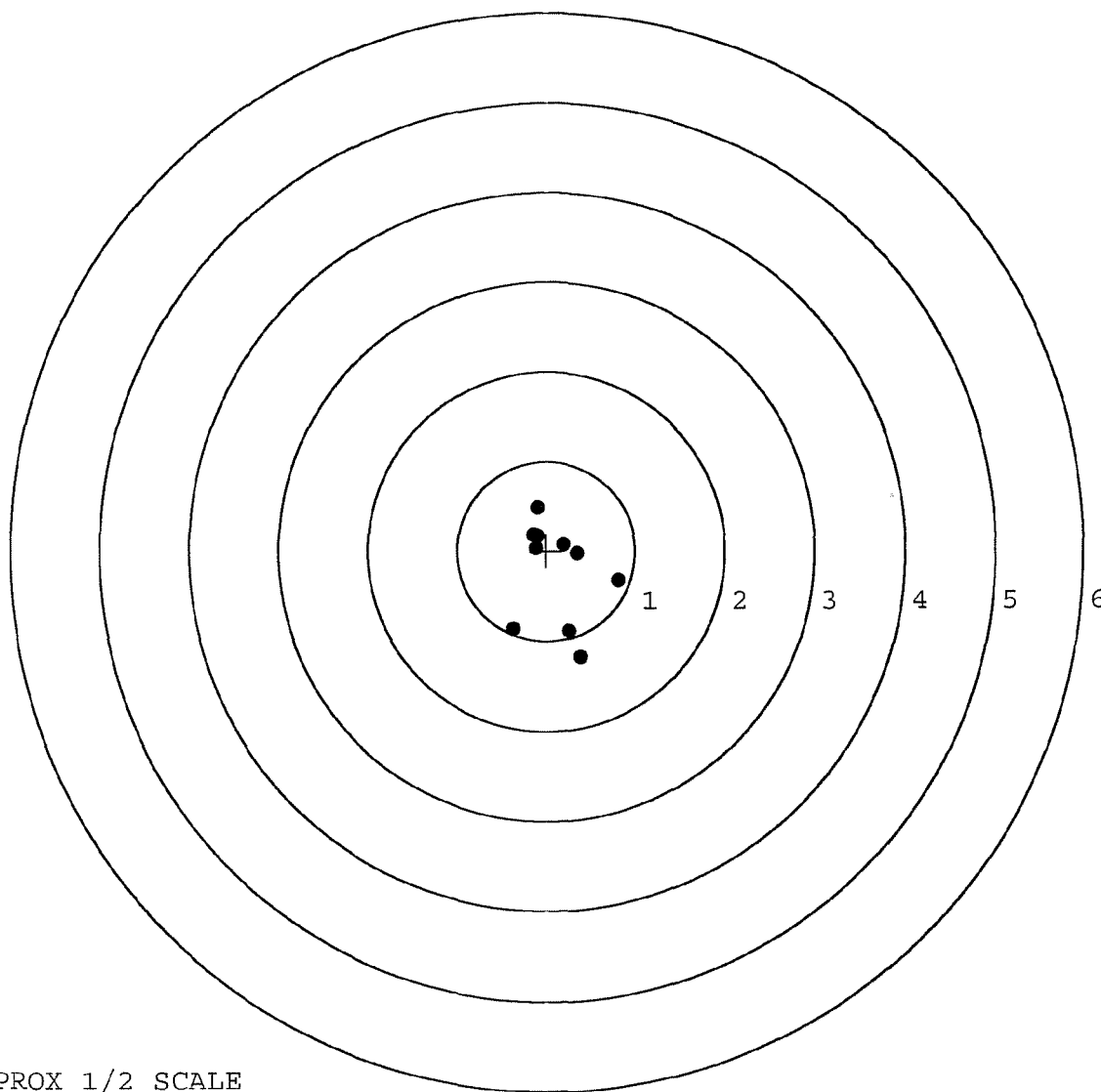


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. 0
 TARGET NUMBER: 2
 FILE DATE: 12/06/2003
 FILE TIME: 07:30

X CENTROID: 0.116
 Y CENTROID: -0.239
 POA TO CENTROID: 0.265
 HORZ SPREAD: 1.188
 VERT SPREAD: 1.661
 GROUP SPREAD: 1.733
 MIN RADIUS: 0.312
 MAX RADIUS: 0.980
 MEAN RADIUS: 0.584
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.810	-0.328
2:	0.391	-1.179
3:	0.257	-0.899
4:	-0.378	-0.873
5:	0.347	-0.030
6:	0.198	0.070
7:	-0.119	0.032
8:	-0.100	0.161
9:	-0.105	0.482
10:	-0.145	0.174



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. __ 0

TARGET NUMBER: 3

FILE DATE: 12/06/2003

FILE TIME: 07:30

X CENTROID: 0.263

Y CENTROID: 0.080

POA TO CENTROID: 0.275

HORZ SPREAD: 4.094

VERT SPREAD: 2.884

GROUP SPREAD: 4.594

MIN RADIUS: 0.138

MAX RADIUS: 2.697

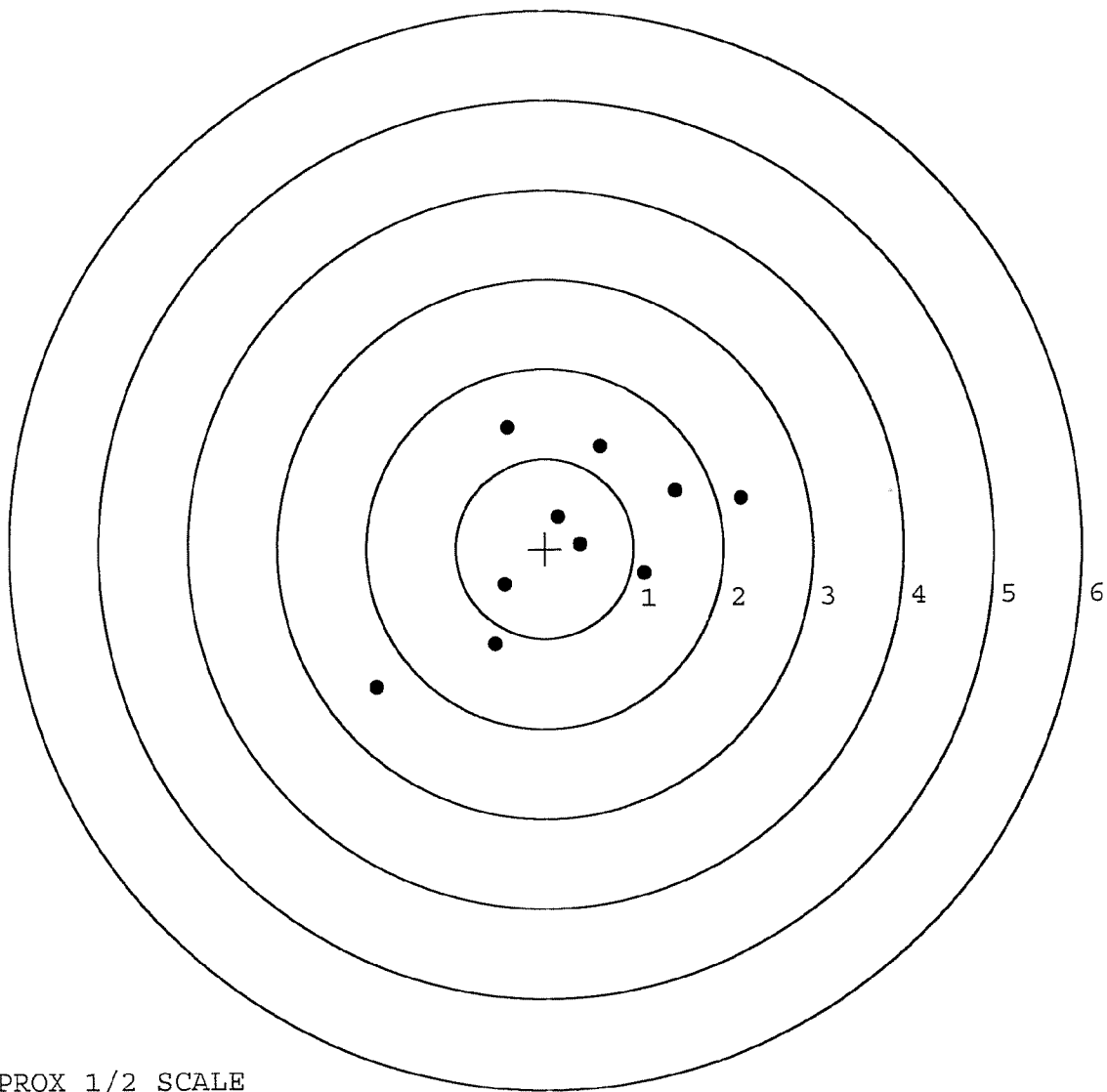
MEAN RADIUS: 1.220

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

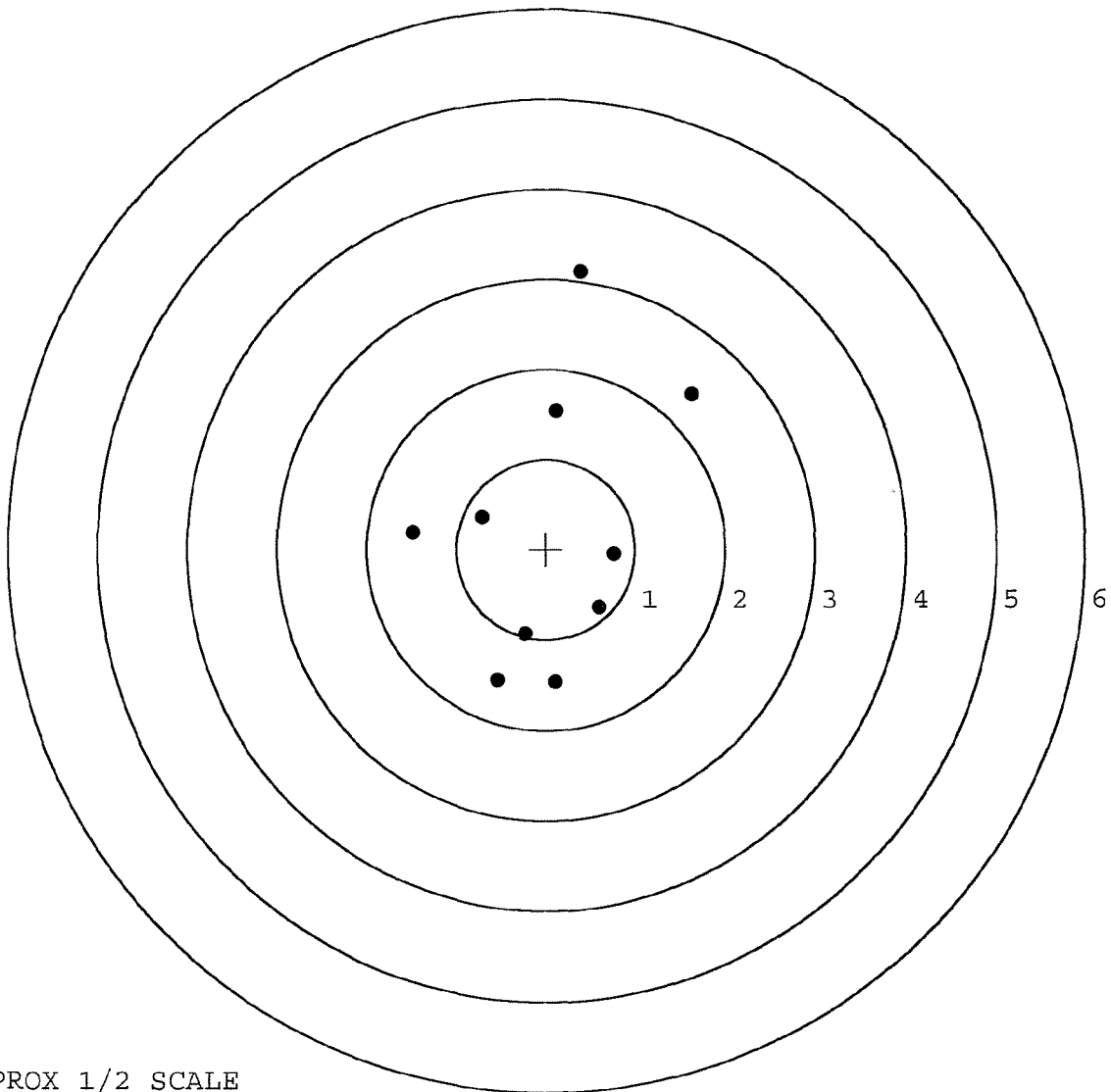
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.415	1.348
2:	0.627	1.137
3:	1.467	0.639
4:	2.198	0.549
5:	1.114	-0.283
6:	0.153	0.354
7:	0.398	0.052
8:	-0.454	-0.395
9:	-0.567	-1.060
10:	-1.896	-1.536



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.629	1.729
FILE DATE: 12/06/2003	2:	0.763	-0.052
FILE TIME: 07:30	3:	0.594	-0.642
	4:	-0.238	-0.942
X CENTROID: 0.061	5:	-0.541	-1.451
Y CENTROID: 0.233	6:	-0.714	0.359
POA TO CENTROID: 0.240	7:	-1.481	0.182
HORZ SPREAD: 3.110	8:	0.109	1.538
VERT SPREAD: 4.564	9:	0.382	3.084
GROUP SPREAD: 4.628	10:	0.111	-1.480
MIN RADIUS: 0.757			
MAX RADIUS: 2.869			
MEAN RADIUS: 1.517			
# IN 1 IN DIAMETER: 0			
# IN 2 IN DIAMETER: 2			
# in 3 IN DIAMETER: 5			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288184. 0

TARGET NUMBER: 5

FILE DATE: 12/06/2003

FILE TIME: 07:30

X CENTROID: 0.384

Y CENTROID: -0.122

POA TO CENTROID: 0.403

HORZ SPREAD: 2.734

VERT SPREAD: 2.886

GROUP SPREAD: 3.174

MIN RADIUS: 0.293

MAX RADIUS: 2.140

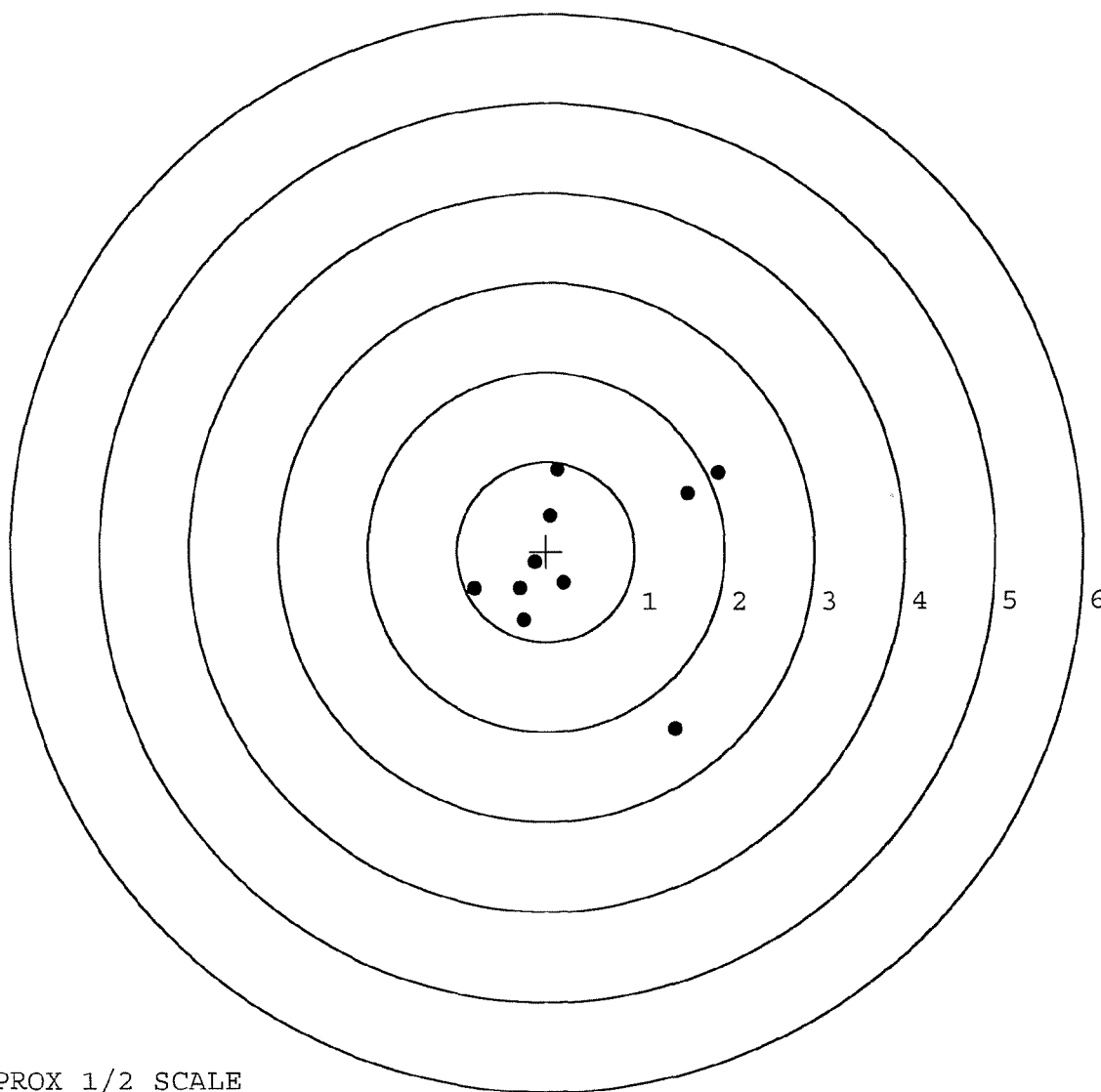
MEAN RADIUS: 1.077

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.128	0.908
2:	0.045	0.394
3:	-0.131	-0.125
4:	0.199	-0.349
5:	-0.299	-0.412
6:	-0.259	-0.765
7:	-0.806	-0.411
8:	1.928	0.874
9:	1.590	0.647
10:	1.450	-1.978



TARGET APPROX 1/2 SCALE