

G 657 7138
Replaced
G 6288166

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: RE00113226

Serial: G6288166 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Status:

Closed 6/5/2006 1:20:33 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

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 6577138

Serial Number: ~~G6288166~~

Model: M24 SWS



RE00113226

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577138.___0
FILE DATE AND TIME: 07/24/2006 07:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.035
The Average Y Centroid of the Five Target Set:	-0.060
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.508
The Distance from Centroid Target #4 to Centroid Target #1:	0.111
The Distance from Centroid Target #5 to Centroid Target #1:	0.093

SERIAL NUMBER: G6577138. __0

TARGET NUMBER: 1

FILE DATE: 07/24/2006

FILE TIME: 07:52

POINT#	X	Y
1:	-1.008	-0.597
2:	-0.665	0.241
3:	-0.208	0.264
4:	-0.638	-0.541
5:	0.507	0.340
6:	0.300	-0.200
7:	0.443	-0.397
8:	0.692	-0.540
9:	1.291	-0.493
10:	0.492	0.312

X CENTROID: 0.121

Y CENTROID: -0.042

POA TO CENTROID: 0.128

HORZ SPREAD: 2.299

VERT SPREAD: 1.138

GROUP SPREAD: 2.544

MIN RADIUS: 0.239

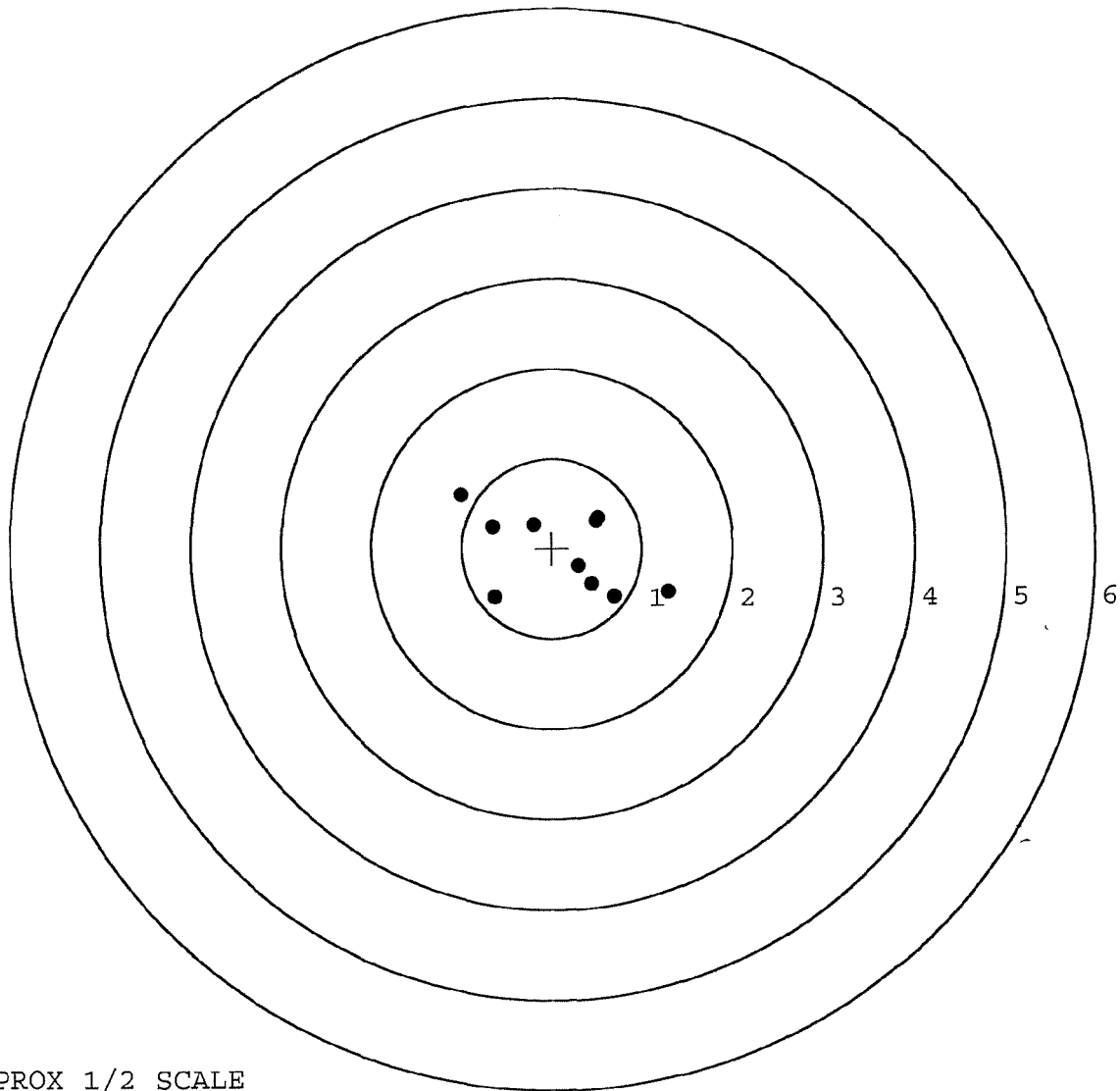
MAX RADIUS: 1.297

MEAN RADIUS: 0.728

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577138. __0

TARGET NUMBER: 2

FILE DATE: 07/24/2006

FILE TIME: 07:52

POINT#	X	Y
1:	-0.126	1.232
2:	1.141	0.278
3:	0.906	0.234
4:	0.785	0.124
5:	0.635	-0.310
6:	0.436	-0.161
7:	0.291	-0.064
8:	-0.308	-0.451
9:	-0.604	-0.054
10:	-0.497	-0.199

X CENTROID: 0.266

Y CENTROID: 0.063

POA TO CENTROID: 0.273

HORZ SPREAD: 1.745

VERT SPREAD: 1.683

GROUP SPREAD: 1.720

MIN RADIUS: 0.129

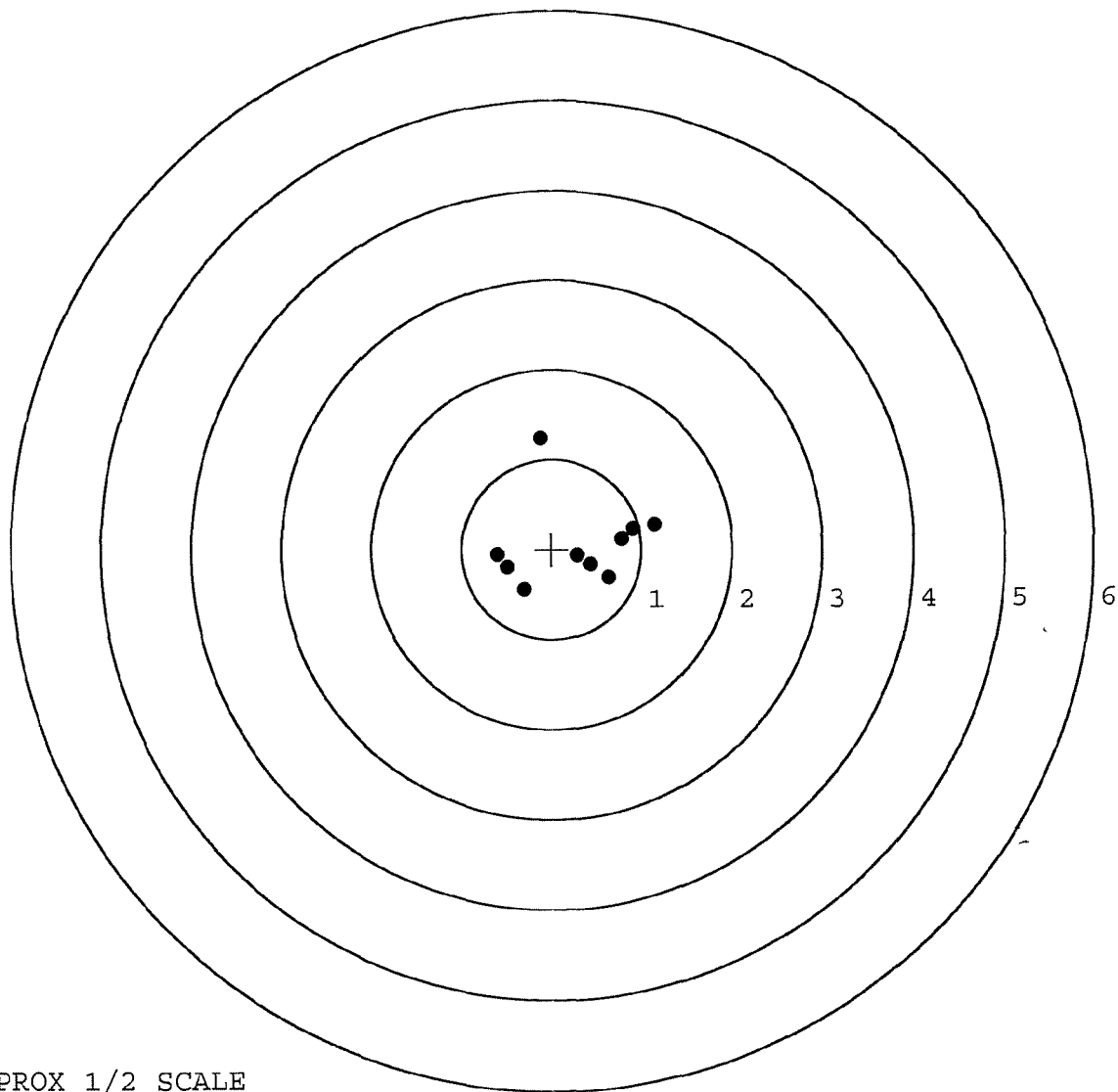
MAX RADIUS: 1.233

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577138. __ 0

TARGET NUMBER: 3

FILE DATE: 07/24/2006

FILE TIME: 07:52

POINT#	X	Y
1:	-0.795	-0.869
2:	-1.129	0.467
3:	-0.417	0.399
4:	-0.263	0.090
5:	0.032	0.331
6:	0.285	-0.551
7:	-0.234	-0.889
8:	-0.257	-1.057
9:	-0.034	-1.400
10:	-0.486	-1.021

X CENTROID: -0.330

Y CENTROID: -0.276

POA TO CENTROID: 0.430

HORZ SPREAD: 1.414

VERT SPREAD: 2.269

GROUP SPREAD: 2.393

MIN RADIUS: 0.372

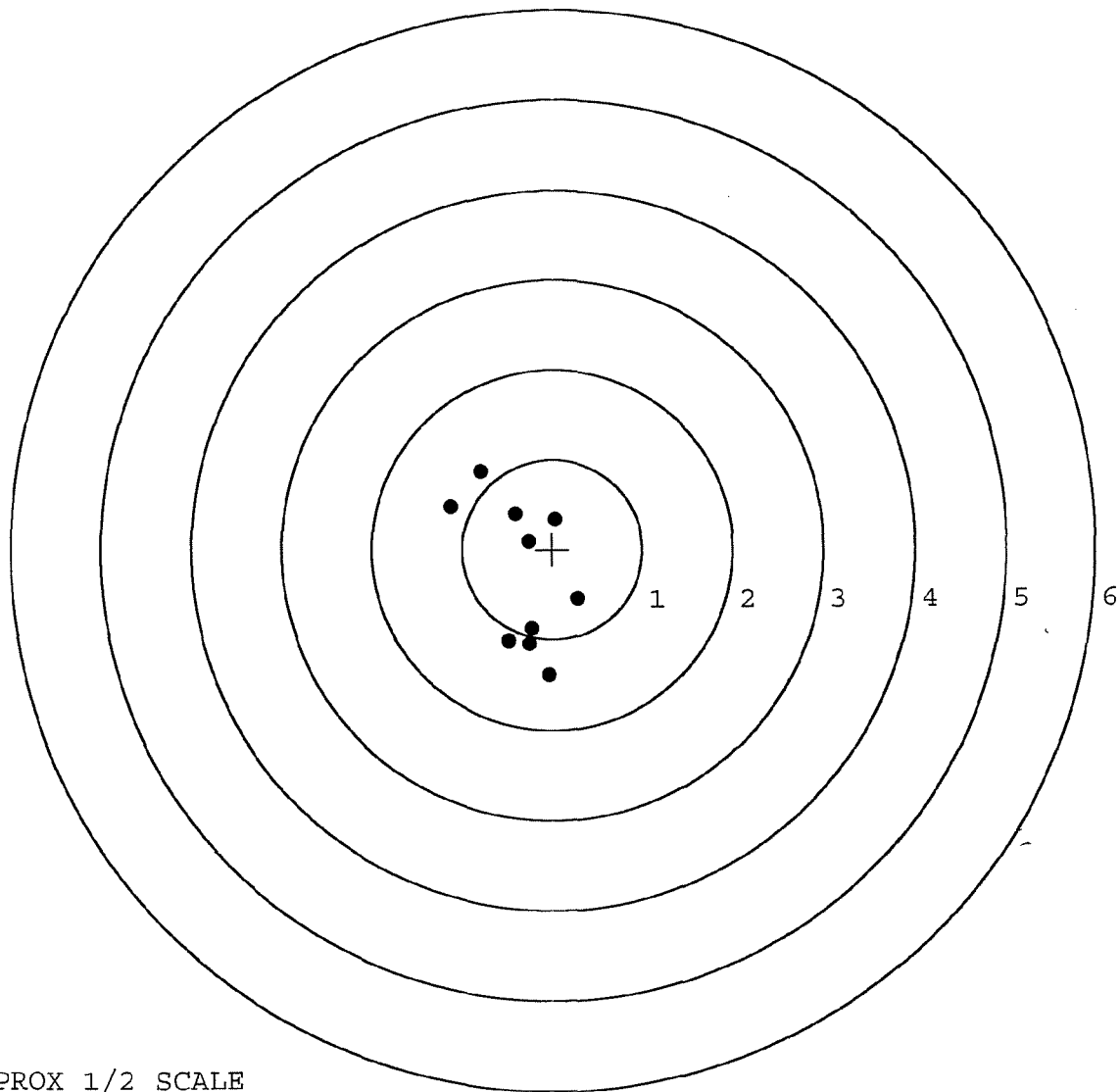
MAX RADIUS: 1.236

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577138. __0

TARGET NUMBER: 4

FILE DATE: 07/24/2006

FILE TIME: 07:52

X CENTROID: 0.067

Y CENTROID: 0.056

POA TO CENTROID: 0.087

HORZ SPREAD: 1.010

VERT SPREAD: 1.419

GROUP SPREAD: 1.712

MIN RADIUS: 0.135

MAX RADIUS: 0.917

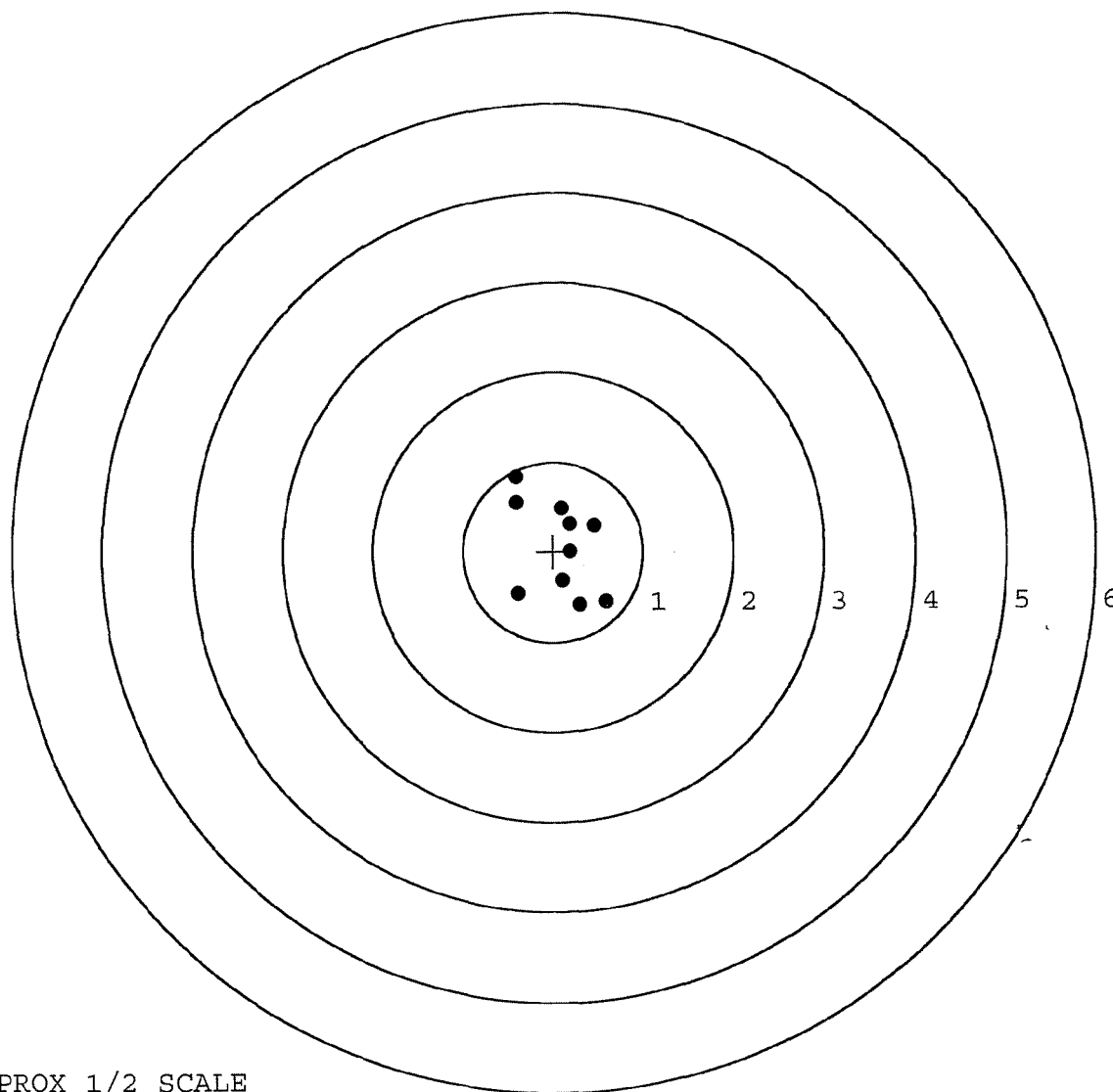
MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.416	0.835
2:	-0.418	0.551
3:	0.087	0.486
4:	0.455	0.294
5:	0.190	-0.001
6:	0.101	-0.325
7:	0.296	-0.584
8:	0.592	-0.549
9:	-0.398	-0.461
10:	0.183	0.311



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577138. 0

TARGET NUMBER: 5

FILE DATE: 07/24/2006

FILE TIME: 07:52

POINT#	X	Y
1:	-0.899	-0.390
2:	-0.511	-0.111
3:	-0.130	0.620
4:	-0.117	-0.161
5:	0.085	-0.280
6:	0.213	-0.080
7:	0.355	0.052
8:	0.515	-0.143
9:	0.600	0.237
10:	0.394	-0.768

X CENTROID: 0.051

Y CENTROID: -0.102

POA TO CENTROID: 0.114

HORZ SPREAD: 1.499

VERT SPREAD: 1.388

GROUP SPREAD: 1.625

MIN RADIUS: 0.164

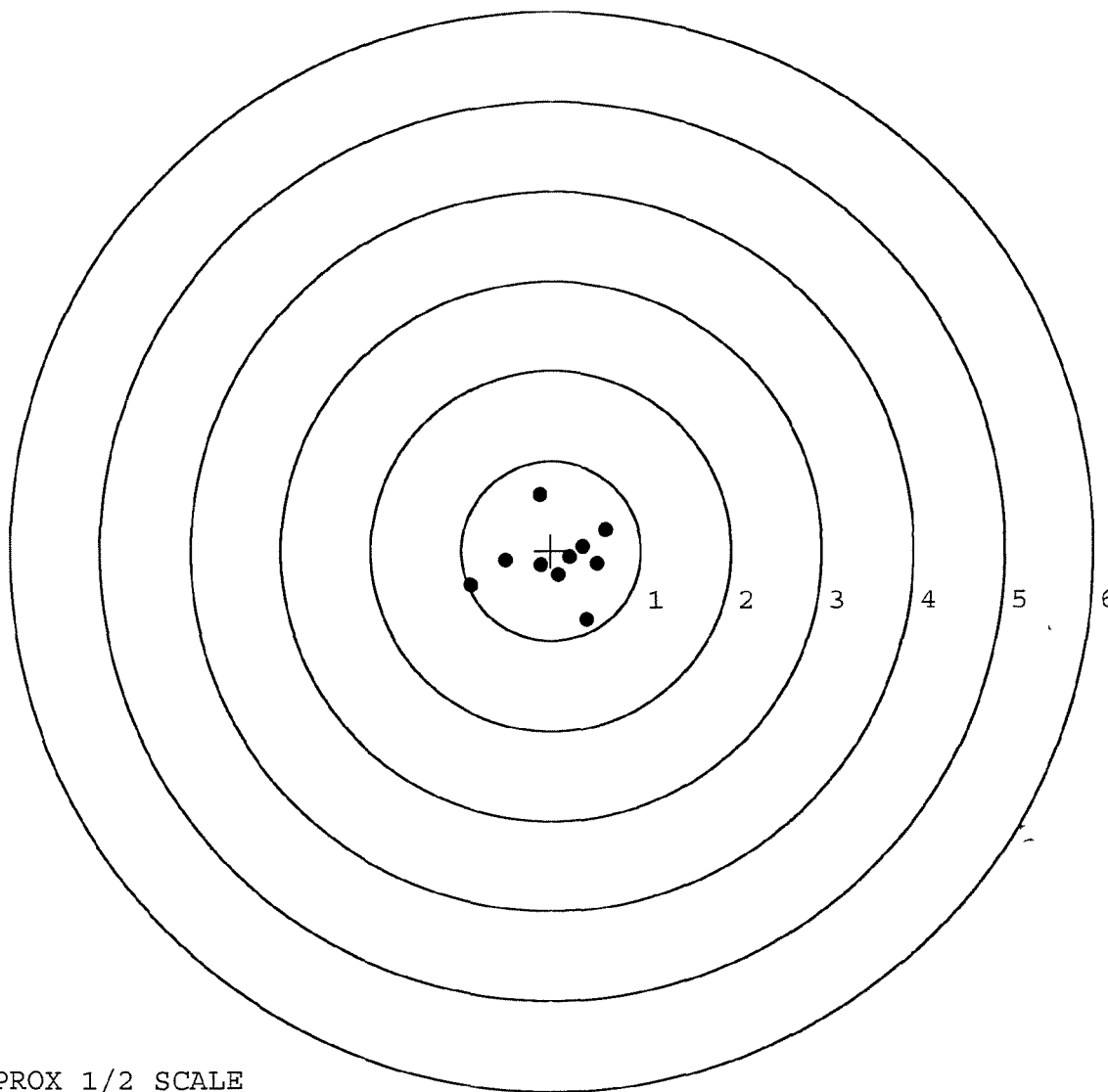
MAX RADIUS: 0.992

MEAN RADIUS: 0.502

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113226	National Guard		
SERIAL NUMBER	66288166	G6577138		
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-27-06	Ac	
505	RE-BARREL	6-27-06	Ac	
560	ASSEMBLE	6-30-06	Ac	
600	PROOF	MAGNA-FLUX INSPECTED 7-5-06	WJH	
605	CHECK HEADSPACE	7-5-06	WJH	
610	DIS-ASSEMBLE GUN	JUL 06 2006 7-5-06	Ac	
612	MAGNAFLUX	OPERATOR <i>WJH</i> 7/6/06	WJH	
510	DRILL AND TAP	7-6-06	TRW	
615	ROLLMARK CALIBER	7-7-06	CW	
618	ROTO-BLAST	7-7-06	LB	
620	APPLY COATINGS	7/7	HP	
625	FINAL ASSEMBLY	7-20-06	APD	
640	FUNCTION TEST AND	PASS FAIL 7-24-06	WJH	
650	TARGET	PASS FAIL 7-24-06	WJH	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	7-24-06	TRW	
	A) HEADSPACE	PASS FAIL 8-2-06	RTZ	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.32 2.22 2.28 2.19 2.22 8-2-06	RA	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.0 6.5 6.5 8-2-06	RA	
	G) SAFETY OFF FORCE	2 LBS MIN 3.0 3.0 3.5 8-2-06	RA	
	I) FIRING PIN INDENT	.020 1021 1021 .021 8-2-06	RA	
690	PACK	8-2-06	RA	

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

- INSTRUCTION BOOK 3516

DD FORM

proof of purchase



owner registration sticker



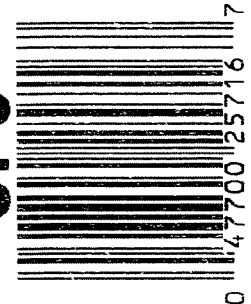
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6288166

UPC



NEW! (UPPER CASE)
RECEIVED (UPPER CASE)
SERIAL NO. (UPPER CASE)
DATE (UPPER CASE)

Remington

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

SERIAL NO. 66288166
ORDER NO. 25716
DD 25716

Made in U.S.A. No. Reg. U.S. Pat. & Tm. Off. Patent Registered Remington-Union

5716 66288166

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6288166

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	RTL
607	CHECK HEADSPACE		11-12-03	RTL
610	DIS-ASSEMBLE GUN		11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	INSPECTED NOV 14 2003 OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-14-03	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		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>6</u> <u>6</u> <u>6</u>	12/4/03	RW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2.5</u> <u>2</u>	2/4/03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.0245</u> <u>.024</u>	12/4/03	RW
	J) ASSEMBLE STOCK		12-3-03	RJL
	K) ASSEMBLE SWIVEL STUDS		12-8-03	RJL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-3-03	RJL
	M) IRON SIGHT ALIGNMENT		12-3-03	RJL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-3-03	RJL
640	GALLERY TEST AND TARGET	PASS FAIL	12-3-03	RJL
	MALFUNCTION	CORRECTION	12-3-03	RJL
	MALFUNCTION	CORRECTION	12-3-03	RJL
	MALFUNCTION	CORRECTION	12-3-03	RJL
	MALFUNCTION	CORRECTION	12-3-03	RJL
645	INSPECT FOR LIVE AMMO		12-3-03	RJL
655	FINAL INSPECTION A) HEADSPACE		12-8-03	RJL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.68</u> <u>2.57</u> <u>2.80</u> <u>2.70</u>	12/4/03	RW
	C) FUNCTION		12-8-03	RJL
660	PACK		2/8/03	RA

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 12-2-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.56		2.20	
PULL #2	2.51	2.79		2.18	
PULL #3	2.54	2.79		2.19	
PULL #4	2.43	2.71		2.18	
PULL #5	2.61	2.69		2.49	
TOTAL	12.55	13.54		11.24	
AVERAGE	2.51	2.70		2.24	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.15		
PULL #2	3.31	3.09		
PULL #3	3.42	3.24		
PULL #4	3.45	3.25		
PULL #5	3.68	3.36		
TOTAL	17.28	16.09		
AVERAGE	3.45	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	4.06	4.06		3.98
PULL #2	3.83	3.91		4.20
PULL #3	4.12	3.99		4.13
PULL #4	4.06	4.41		4.19
PULL #5	4.04	3.90		4.17
TOTAL	20.11	20.27		20.67
AVERAGE	4.02	4.05		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288166.____0
FILE DATE AND TIME: 12/03/2003 12:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.105
The Average Y Centroid of the Five Target Set:	0.047
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.857
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.486
The Distance from Centroid Target #4 to Centroid Target #1:	0.421
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

SERIAL NUMBER: G6288166. __0

TARGET NUMBER: 1

FILE DATE: 12/03/2003

FILE TIME: 12:01

X CENTROID: -0.061

Y CENTROID: 0.094

POA TO CENTROID: 0.112

HORZ SPREAD: 2.293

VERT SPREAD: 1.405

GROUP SPREAD: 2.338

MIN RADIUS: 0.080

MAX RADIUS: 1.301

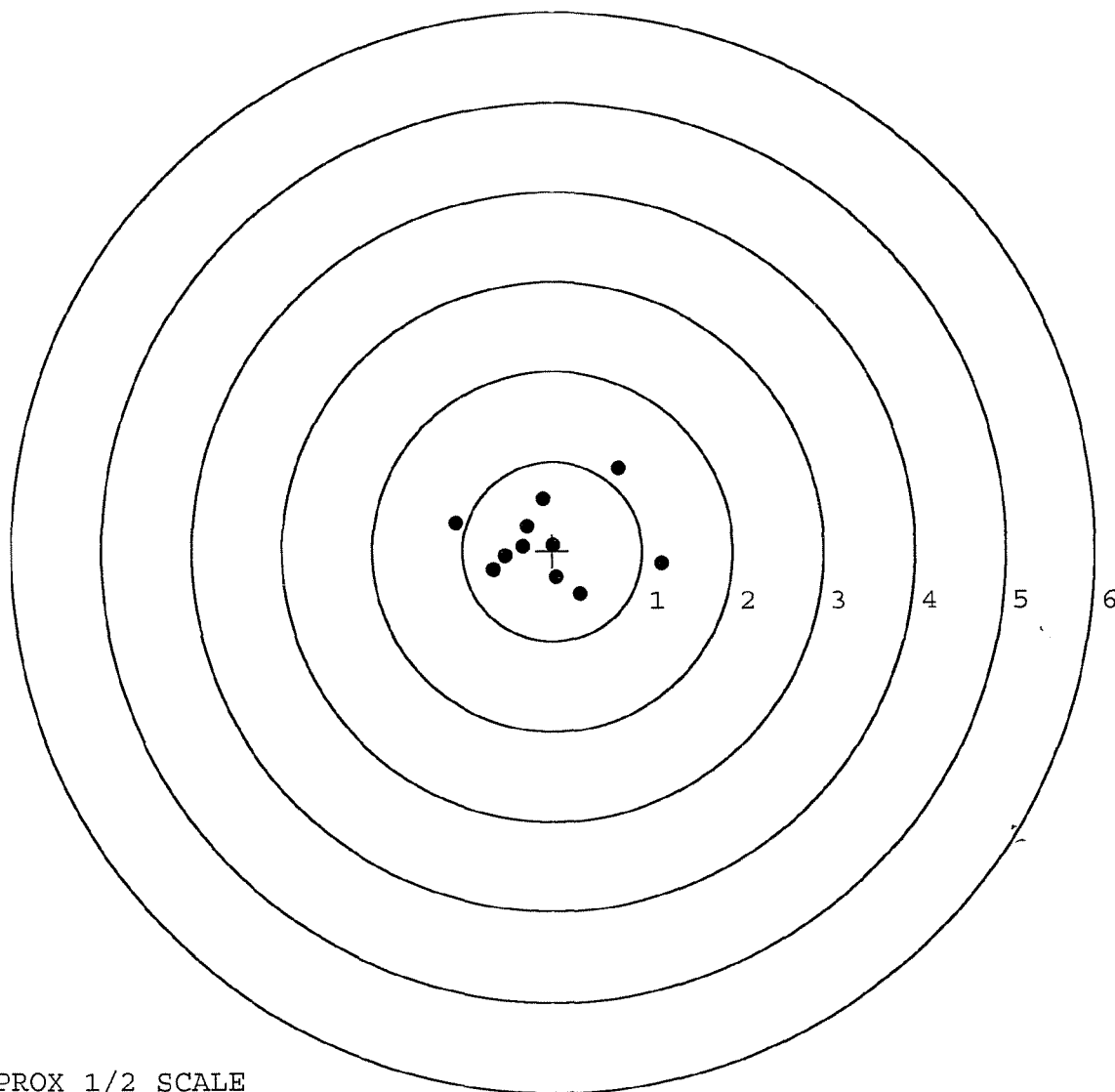
MEAN RADIUS: 0.625

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 11

POINT#	X	Y
1:	0.012	-0.062
2:	-0.113	0.581
3:	0.739	0.930
4:	1.218	-0.145
5:	0.307	-0.475
6:	0.044	-0.299
7:	-0.657	-0.209
8:	-0.530	-0.055
9:	-0.330	0.053
10:	-1.075	0.311
11:	-0.290	0.277



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288166. __0

TARGET NUMBER: 2

FILE DATE: 12/03/2003

FILE TIME: 12:01

POINT#	X	Y
1:	-0.327	-1.558
2:	0.264	0.916
3:	0.320	0.663
4:	0.329	0.285
5:	0.344	-0.384
6:	-0.104	-0.833
7:	-1.022	-1.310
8:	-0.957	-0.076
9:	-0.610	0.257
10:	-0.180	0.096

X CENTROID: -0.194

Y CENTROID: 0.117

POA TO CENTROID: 0.227

HORZ SPREAD: 1.366

VERT SPREAD: 2.868

GROUP SPREAD: 2.951

MIN RADIUS: 0.026

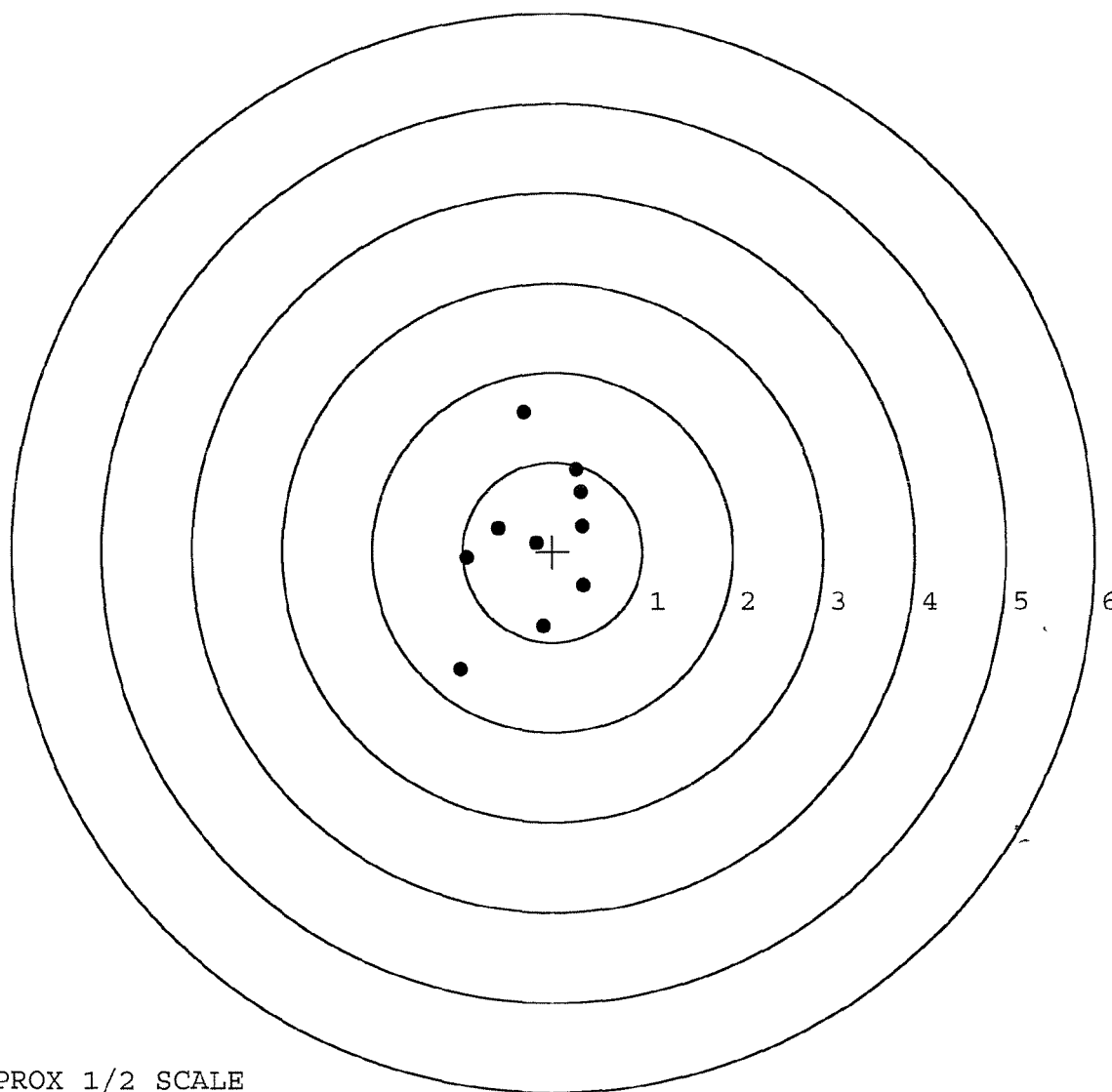
MAX RADIUS: 1.650

MEAN RADIUS: 0.826

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288166. __0

TARGET NUMBER: 3

FILE DATE: 12/03/2003

FILE TIME: 12:01

X CENTROID: -0.018

Y CENTROID: -0.390

POA TO CENTROID: 0.391

HORZ SPREAD: 2.031

VERT SPREAD: 1.994

GROUP SPREAD: 2.479

MIN RADIUS: 0.166

MAX RADIUS: 1.689

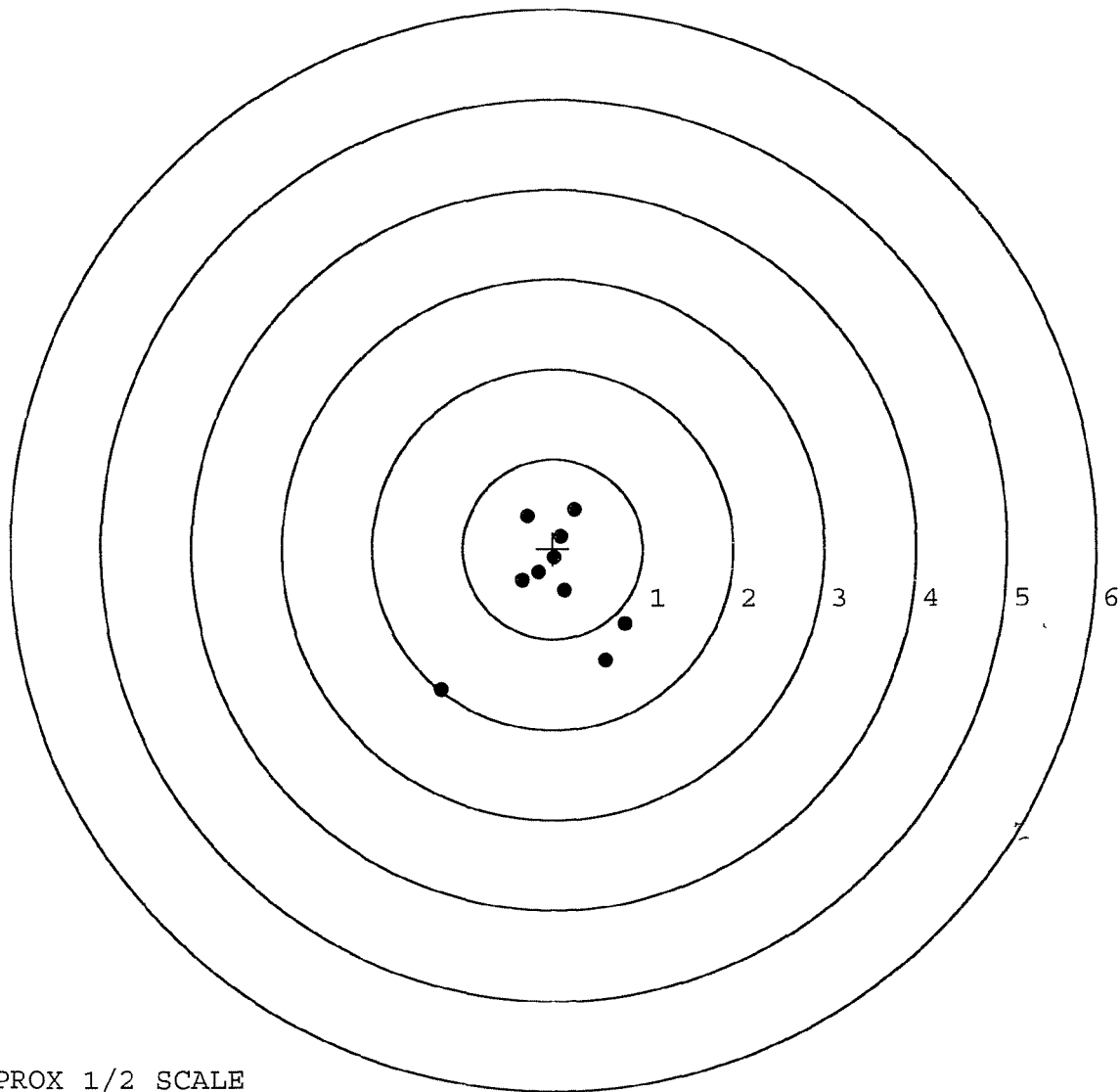
MEAN RADIUS: 0.682

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.795	-0.837
2:	0.588	-1.234
3:	-1.236	-1.560
4:	-0.291	0.362
5:	0.237	0.434
6:	0.091	0.136
7:	-0.346	-0.355
8:	0.127	-0.470
9:	0.016	-0.106
10:	-0.163	-0.273



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288166. 0

TARGET NUMBER: 4

FILE DATE: 12/03/2003

FILE TIME: 12:01

X CENTROID: -0.203

Y CENTROID: 0.491

POA TO CENTROID: 0.531

HORZ SPREAD: 1.953

VERT SPREAD: 2.882

GROUP SPREAD: 3.012

MIN RADIUS: 0.070

MAX RADIUS: 1.996

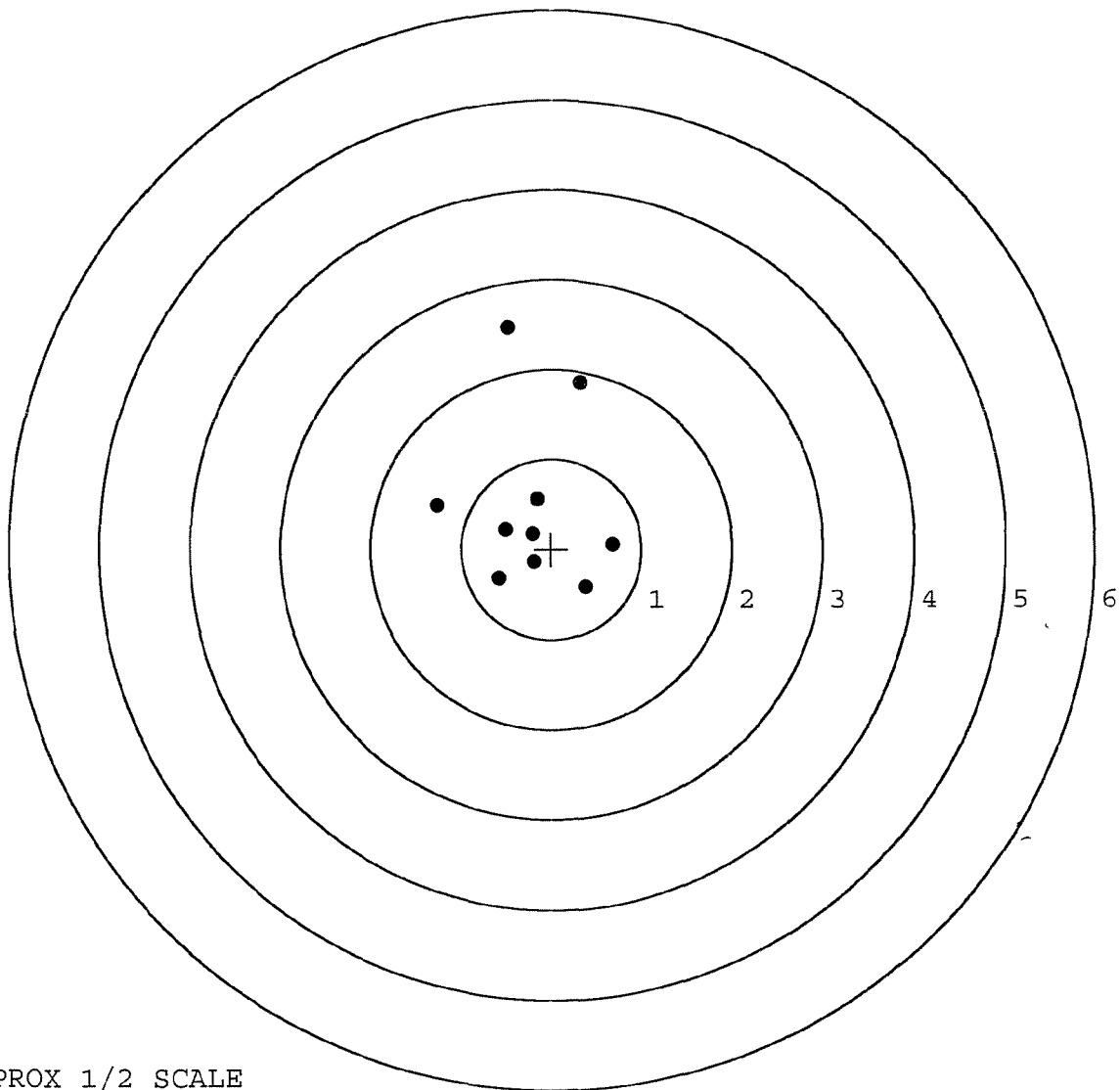
MEAN RADIUS: 0.893

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.492	-2.466
2:	0.325	1.856
3:	-1.268	0.477
4:	-0.512	0.214
5:	-0.162	0.548
6:	-0.210	0.171
7:	-0.194	-0.141
8:	-0.586	-0.325
9:	0.385	-0.416
10:	0.685	0.056



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288166. __0

TARGET NUMBER: 5

FILE DATE: 12/03/2003

FILE TIME: 12:01

POINT#	X	Y
1:	0.120	-2.171
2:	-0.081	1.332
3:	0.352	1.092
4:	-0.417	-0.089
5:	0.420	0.022
6:	0.461	-0.459
7:	1.001	-0.163
8:	-0.985	-0.894
9:	-1.007	-1.832
10:	-0.327	-1.956

X CENTROID: -0.046

Y CENTROID: -0.078

POA TO CENTROID: 0.090

HORZ SPREAD: 2.008

VERT SPREAD: 4.127

GROUP SPREAD: 4.159

MIN RADIUS: 0.371

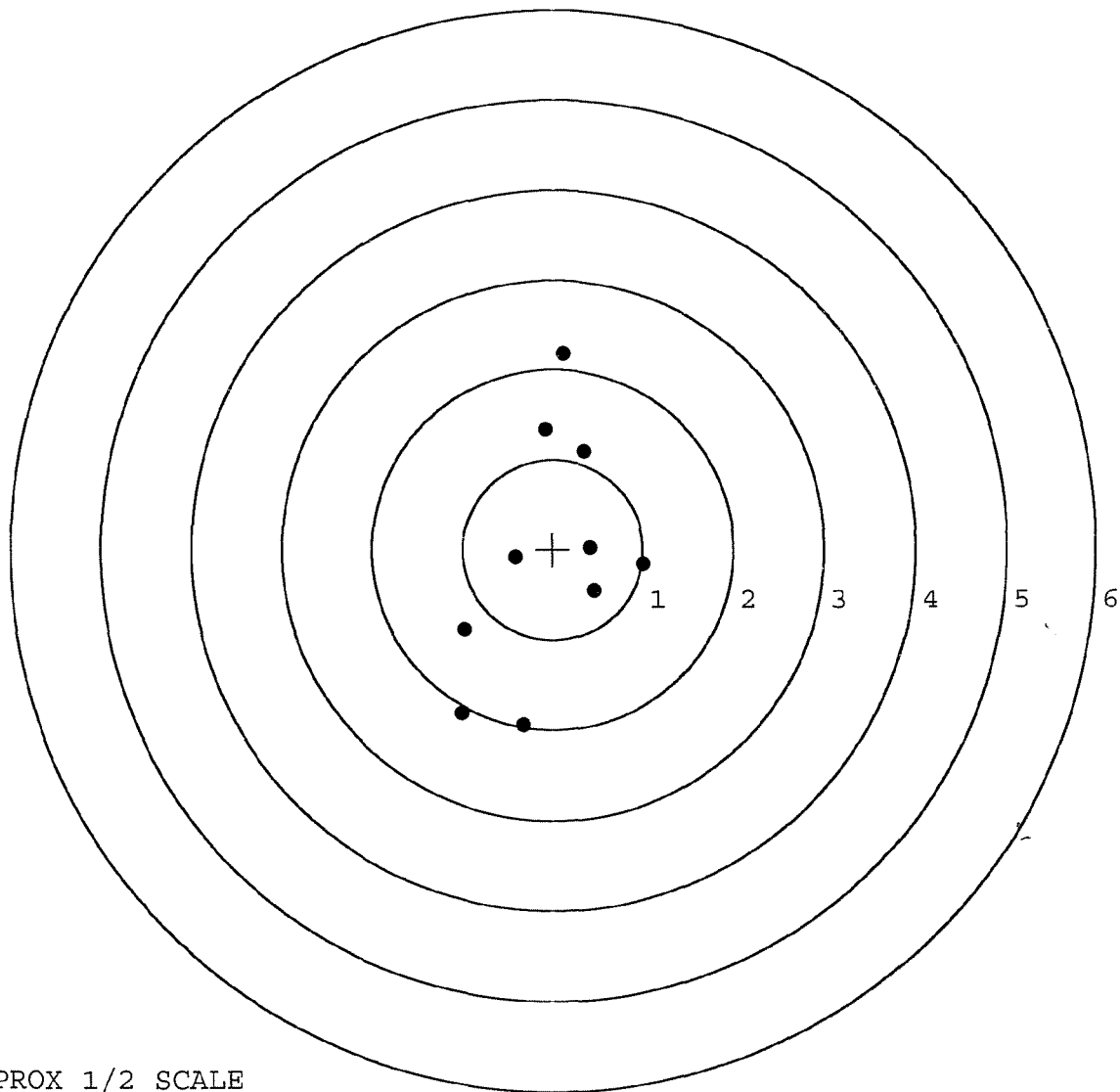
MAX RADIUS: 2.255

MEAN RADIUS: 1.258

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE