

G 6288192

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: **RE00113237**

Serial: G6288192 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/09/2003

Repairman:

Status: Closed 6/5/2006 1:19:33 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 Materl...

2 Microsoft Office O...



7:54 AM

Serial Number: **G6288192**
Model: **M24 SWS**

RE00113237

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288192.__1
FILE DATE AND TIME: 07/20/2006 08:13

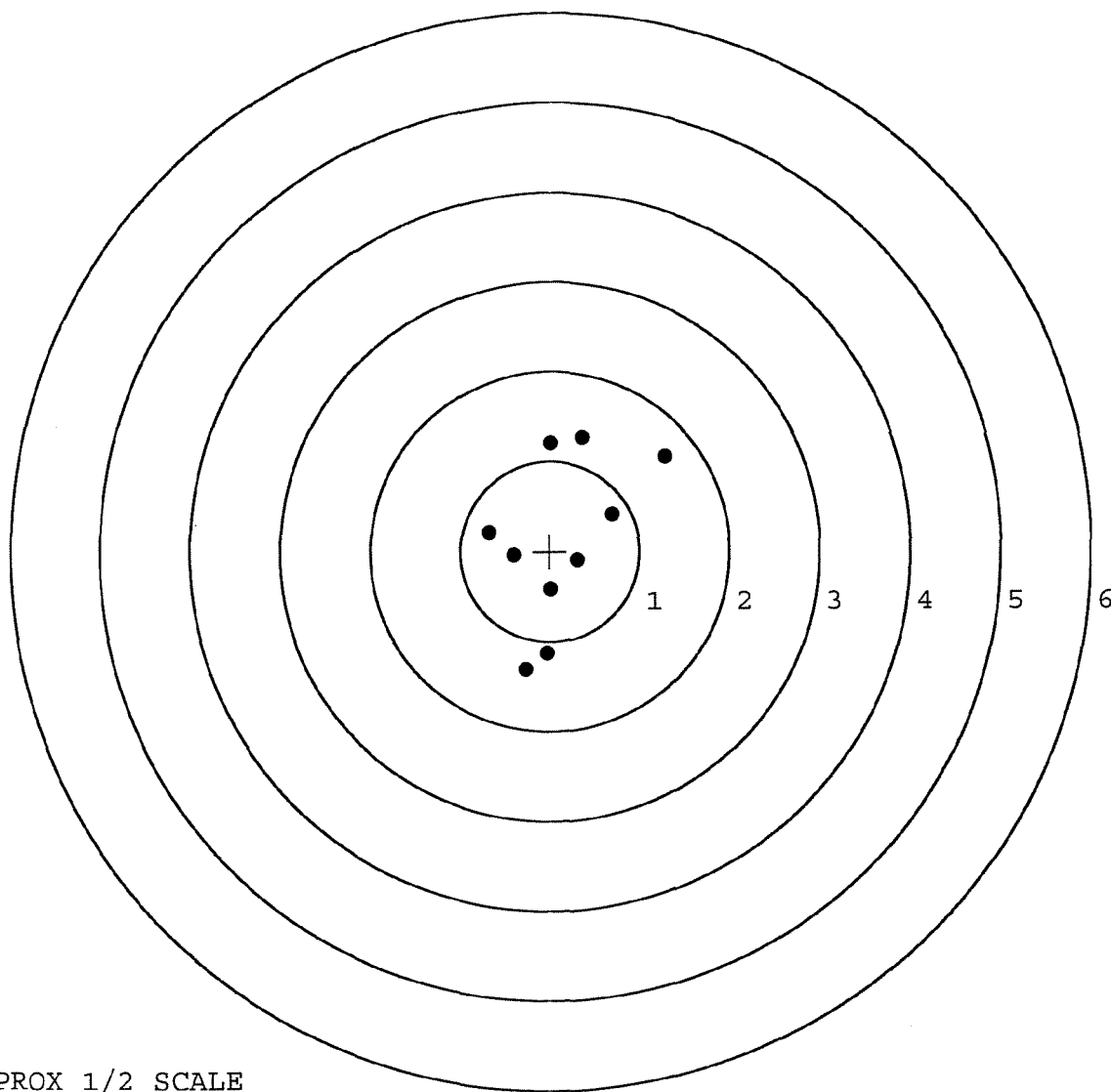
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	0.085
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.382
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.060
The Distance from Centroid Target #5 to Centroid Target #1:	0.200

SERIAL NUMBER: G6288192. __1
TARGET NUMBER: 1
FILE DATE: 07/20/2006
FILE TIME: 08:13

X CENTROID: 0.128
Y CENTROID: 0.111
POA TO CENTROID: 0.170
HORZ SPREAD: 1.970
VERT SPREAD: 2.576
GROUP SPREAD: 2.826
MIN RADIUS: 0.278
MAX RADIUS: 1.487
MEAN RADIUS: 0.932
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.286	1.045
2:	0.696	0.409
3:	0.361	1.262
4:	0.007	1.194
5:	-0.684	0.216
6:	-0.402	-0.041
7:	0.310	-0.099
8:	0.011	-0.425
9:	-0.032	-1.134
10:	-0.270	-1.314

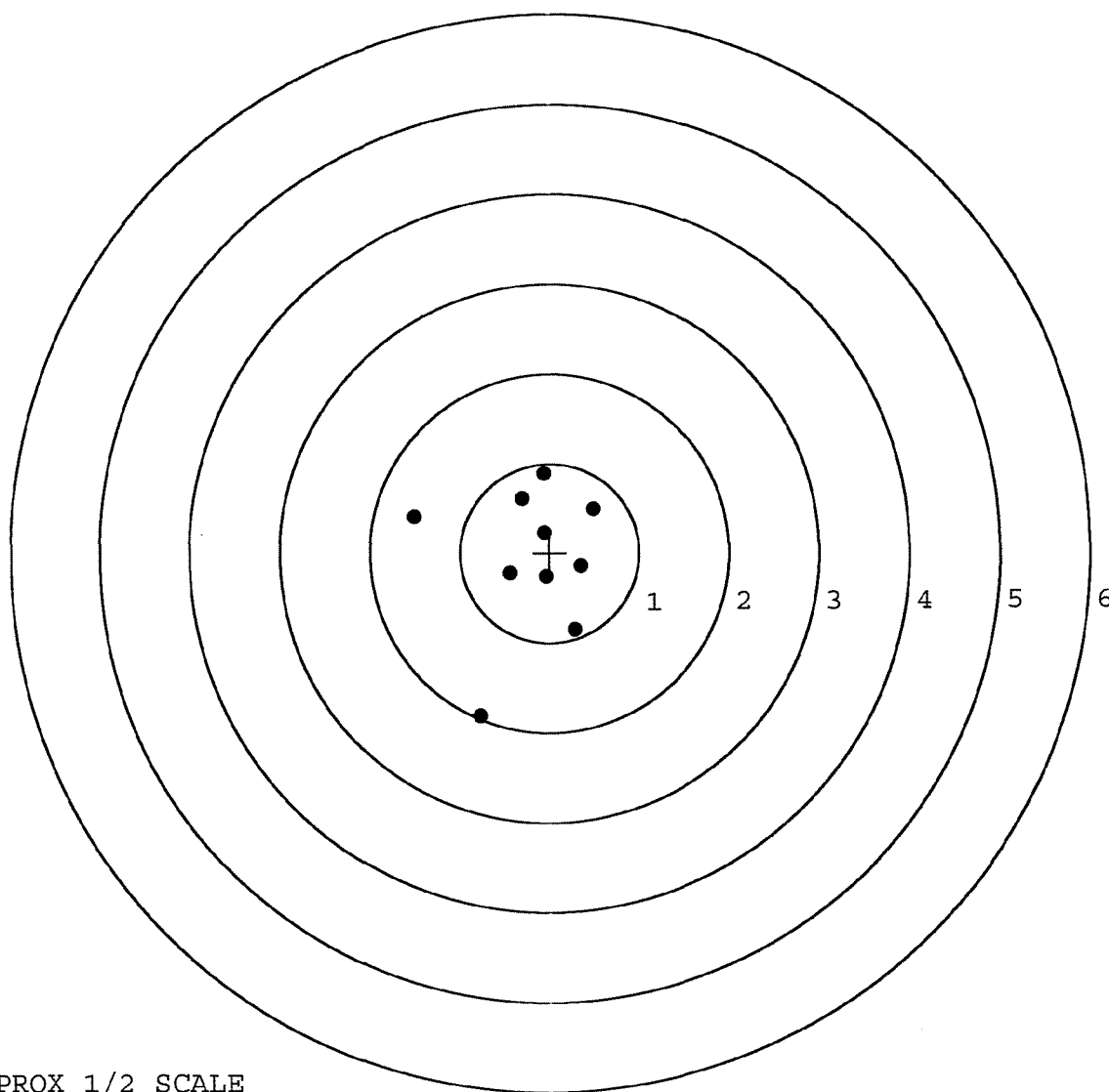


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192. __1
TARGET NUMBER: 2
FILE DATE: 07/20/2006
FILE TIME: 08:13

X CENTROID: -0.207
Y CENTROID: -0.071
POA TO CENTROID: 0.219
HORZ SPREAD: 2.003
VERT SPREAD: 2.707
GROUP SPREAD: 2.798
MIN RADIUS: 0.257
MAX RADIUS: 1.837
MEAN RADIUS: 0.814
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.776	-1.817
2:	0.283	-0.863
3:	0.351	-0.148
4:	0.497	0.492
5:	-0.066	0.220
6:	-0.043	-0.269
7:	-0.441	-0.227
8:	-0.069	0.890
9:	-1.506	0.407
10:	-0.301	0.609



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192. __1

TARGET NUMBER: 3

FILE DATE: 07/20/2006

FILE TIME: 08:13

POINT#	X	Y
1:	0.871	-0.600
2:	-0.172	-1.481
3:	0.296	-0.586
4:	0.491	-0.195
5:	0.358	0.052
6:	-0.817	-0.046
7:	0.207	0.967
8:	-0.313	1.301
9:	-0.958	1.509
10:	-1.180	1.619

X CENTROID: -0.122

Y CENTROID: 0.254

POA TO CENTROID: 0.282

HORZ SPREAD: 2.051

VERT SPREAD: 3.100

GROUP SPREAD: 3.260

MIN RADIUS: 0.520

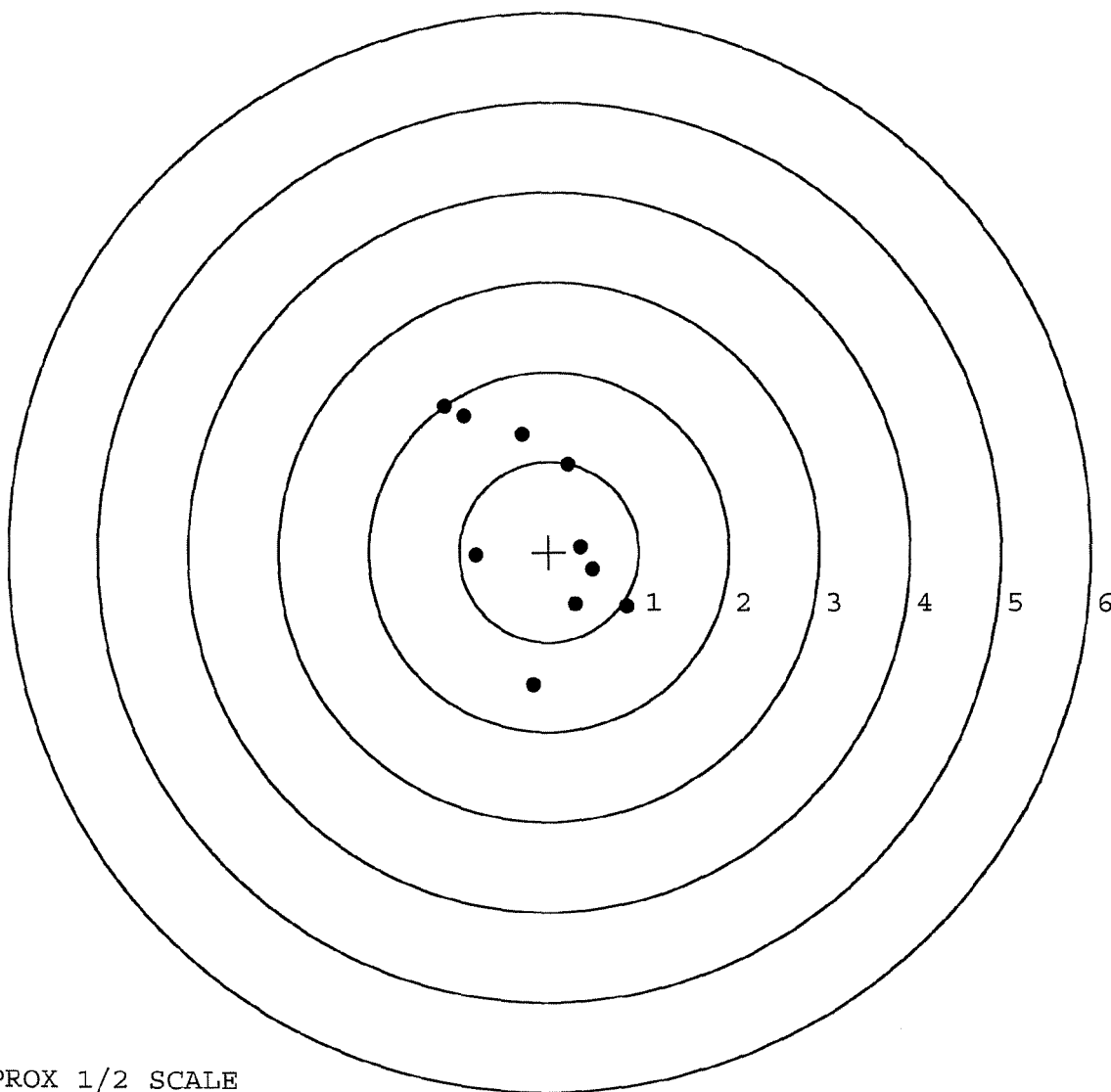
MAX RADIUS: 1.736

MEAN RADIUS: 1.111

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

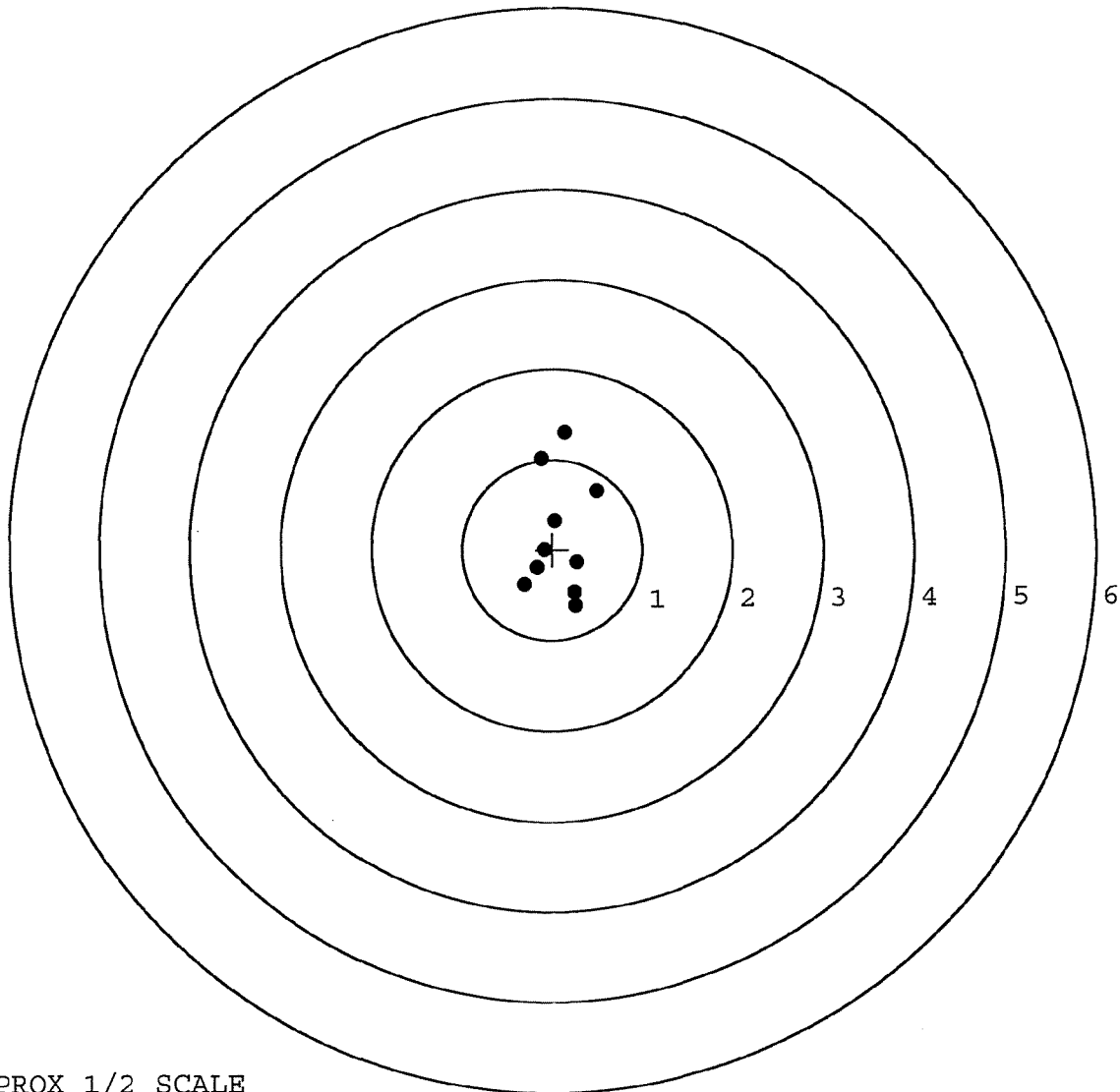


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192. __1
TARGET NUMBER: 4
FILE DATE: 07/20/2006
FILE TIME: 08:13

X CENTROID: 0.078
Y CENTROID: 0.143
POA TO CENTROID: 0.163
HORZ SPREAD: 0.819
VERT SPREAD: 1.918
GROUP SPREAD: 1.922
MIN RADIUS: 0.183
MAX RADIUS: 1.156
MEAN RADIUS: 0.598
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.506	0.648
2:	-0.125	1.007
3:	0.148	1.297
4:	0.264	-0.621
5:	0.249	-0.478
6:	0.274	-0.142
7:	0.035	0.321
8:	-0.091	-0.005
9:	-0.170	-0.201
10:	-0.313	-0.391

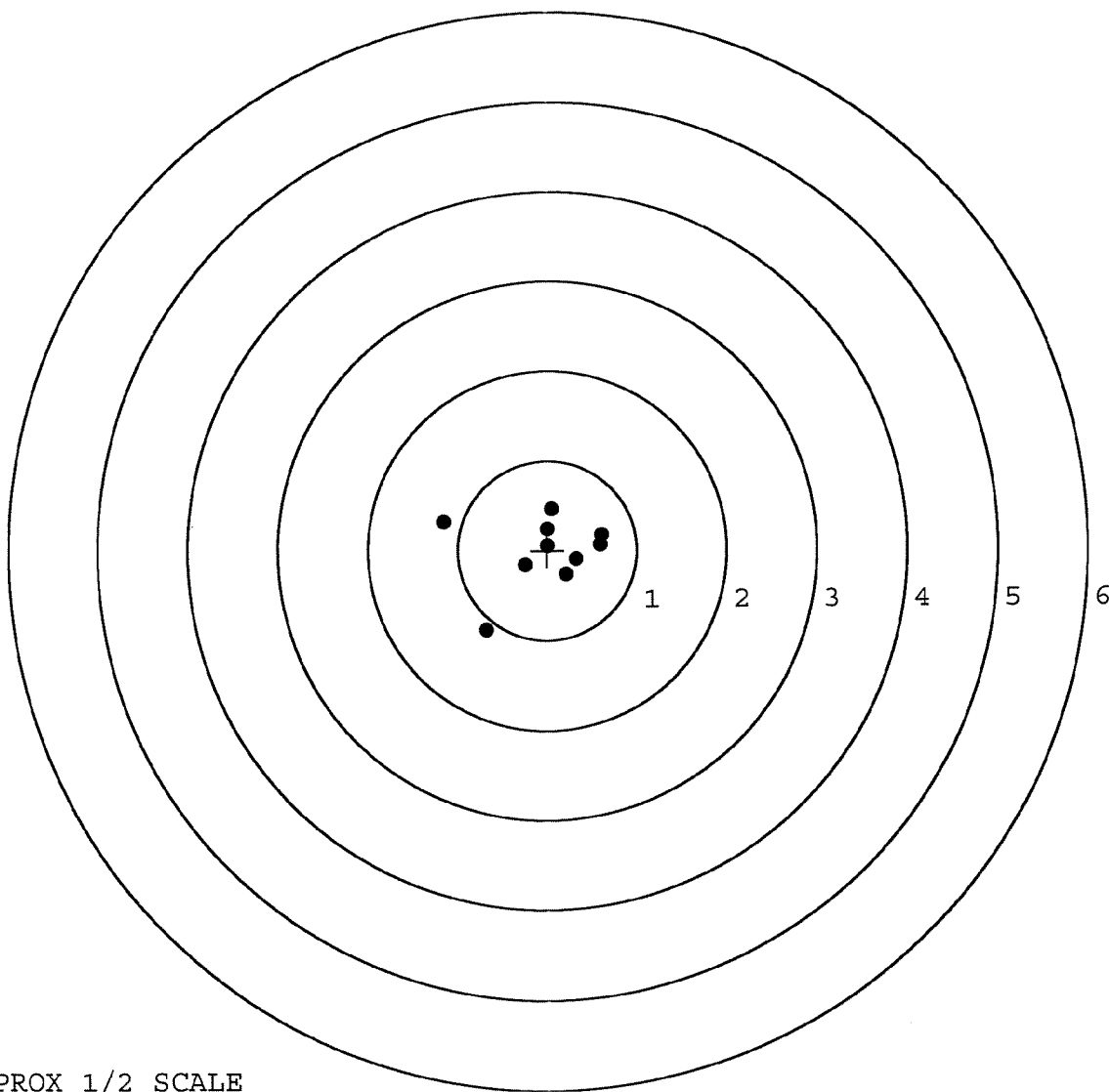


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192.___1
TARGET NUMBER: 5
FILE DATE: 07/20/2006
FILE TIME: 08:13

X CENTROID: -0.029
Y CENTROID: -0.012
POA TO CENTROID: 0.032
HORZ SPREAD: 1.767
VERT SPREAD: 1.354
GROUP SPREAD: 1.774
MIN RADIUS: 0.070
MAX RADIUS: 1.175
MEAN RADIUS: 0.537
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.682	-0.889
2:	-1.155	0.324
3:	0.612	0.171
4:	0.600	0.063
5:	0.326	-0.106
6:	0.212	-0.274
7:	-0.251	-0.168
8:	0.000	0.051
9:	0.000	0.238
10:	0.048	0.465



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113237		National Guard	
SERIAL NUMBER	G6288192			
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-26-06	AC
505	RE-BARREL		6-28-06	AC
560	ASSEMBLE		6-30-06	AC
600	PROOF	MAGNA-FLUX	7-5-06	MTM
605	CHECK HEADSPACE	INSPECTED	7-5-06	MTM
610	DIS-ASSEMBLE GUN	JUL 06 2006	7-5-06	AC
612	MAGNAFLUX	OPERATOR <i>Curms</i>	7/6/06	<i>Curms</i>
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CU
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7/7	HP
625	FINAL ASSEMBLY		7-19-06	<i>BP</i>
640	FUNCTION TEST AND	PASS FAIL	7-20-06	TRW
650	TARGET	PASS FAIL	7-20-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-20-06	<i>BP</i>
	A) HEADSPACE	PASS FAIL	8-2-06	<i>RSL</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.86 2.73 2.84 2.85 2.77 8-2-06	<i>DA</i>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5 7.0 7.2 8-2-06	<i>DA</i>
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 8-2-06	<i>DA</i>
	I) FIRING PIN INDENT	.020	1024 023 023 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. **66288192**
Order No. **25716**

DD

Made in Libon, NY Reg. U.S. Pat. & Im. Off. Marca Registrada. Marque Deposee.

09XX

5716 66288192

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.

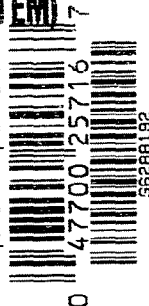


M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3513

DD FORM

proof of purchase



owner registration sticker



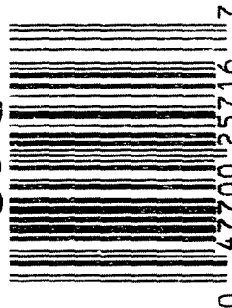
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6288192

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6288192

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-6-03	RTL
600	PROOF		11-6-03	RTL
607	CHECK HEADSPACE	MAGNAFLUX INSPECTED	11-6-03	RTL
610	DIS-ASSEMBLE GUN	NOV 07 2003	11-7-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>	11-7-03	
615	ROLLMARK CALIBER		11-10-03	BS
617	DRILL AND TAP SIGHT HOLES		11-7-03	TRL
620	APPLY COATINGS (BARREL ACTION)		11-7-03	
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-18-03	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-18-03	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-18-03	RTL
	D) OIL FIRING PIN ASSEMBLY		11-18-03	RTL
	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>9</u> <u>8</u> <u>8</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>.0225</u> <u>.022</u> <u>.022</u>	12/4/03	RW
	J) ASSEMBLE STOCK		11-18-03	RL
	K) ASSEMBLE SWIVEL STUDS		12-8-03	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-18-03	RL
	M) IRON SIGHT ALIGNMENT		11-18-03	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-18-03	RL
640	GALLERY TEST AND TARGET	PASS FAIL	12-3-03	✓
	MALFUNCTION	CORRECTION	12-3-03	✓
	MALFUNCTION	CORRECTION	12-3-03	✓
	MALFUNCTION	CORRECTION	12-3-03	✓
	MALFUNCTION	CORRECTION	12-3-03	✓
645	INSPECT FOR LIVE AMMO		12-3-03	✓
655	FINAL INSPECTION A) HEADSPACE		12-8-03	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u> <u>2.65</u> <u>2.79</u> <u>2.78</u> <u>2.52</u>	12/4/03	RW
	C) FUNCTION		12-8-03	RL
660	PACK		5/12/03	DA

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 11-14-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.34		2.22	
PULL #2	2.61	2.30		2.26	
PULL #3	2.81	2.17		2.34	
PULL #4	2.80	2.26		2.24	
PULL #5	2.73	2.41		2.16	
TOTAL	13.57	11.48		11.22	
AVERAGE	2.71	2.29		2.24	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.49		
PULL #2	3.20	3.36		
PULL #3	3.45	3.50		
PULL #4	3.32	3.59		
PULL #5	3.27	3.61		
TOTAL	16.64	17.55		
AVERAGE	3.32	3.51		

	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	4.60		3.83
PULL #2	4.14	4.15		3.85
PULL #3	4.20	4.42		3.66
PULL #4	4.05	4.26		3.57
PULL #5	4.16	4.09		3.72
TOTAL	20.61	21.52		18.63
AVERAGE	4.12	4.30		3.72

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288192.___0
FILE DATE AND TIME: 12/03/2003 11:53

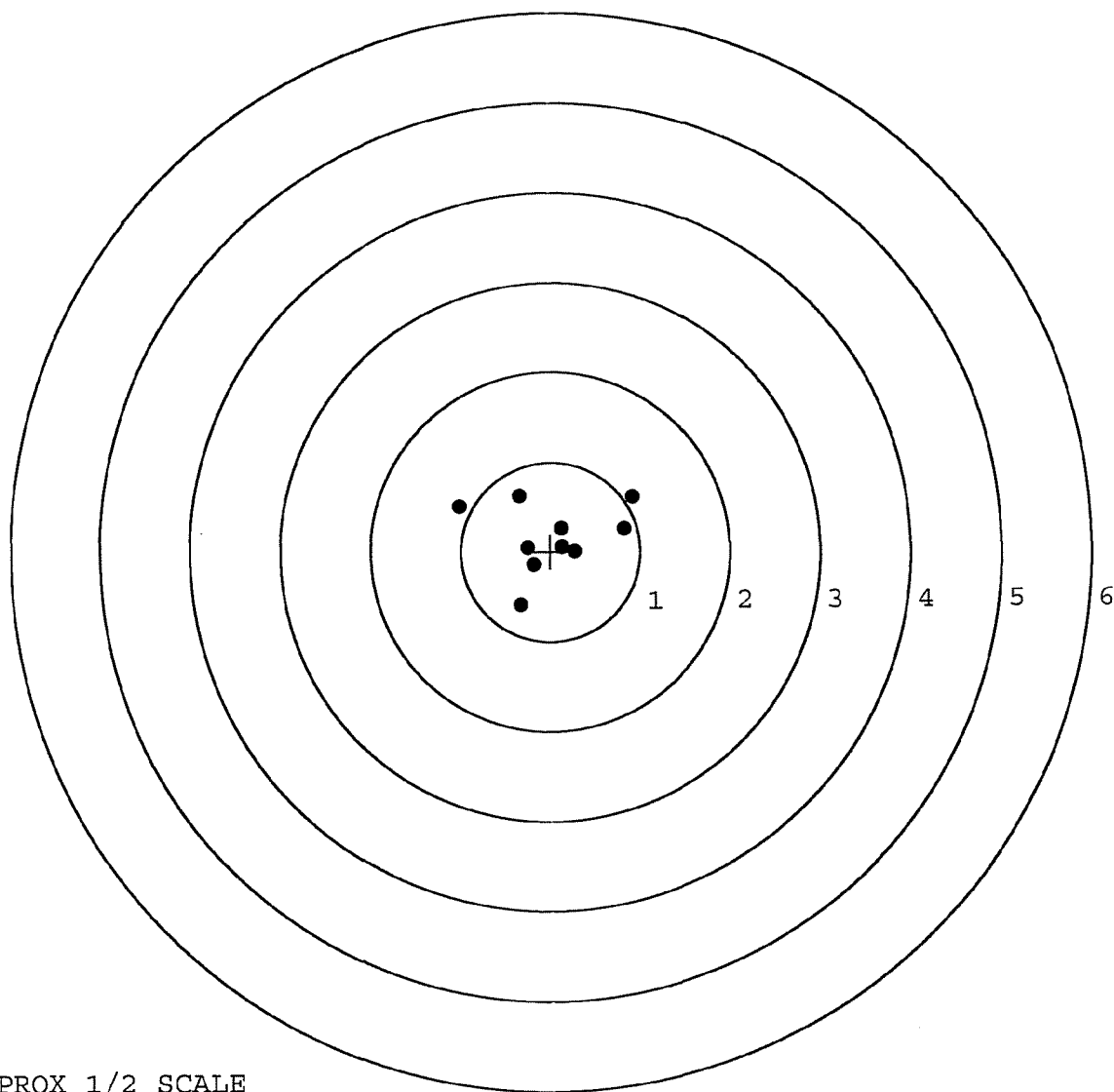
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.093
The Average Y Centroid of the Five Target Set:	0.084
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.726
The Distance from POA to Centroid Target #1:	0.160
The Distance from Centroid Target #2 to Centroid Target #1:	0.239
The Distance from Centroid Target #3 to Centroid Target #1:	0.334
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.165

SERIAL NUMBER: G6288192.___0
 TARGET NUMBER: 1
 FILE DATE: 12/03/2003
 FILE TIME: 11:53

POINT#	X	Y
1:	0.915	0.612
2:	0.828	0.249
3:	-0.343	0.625
4:	-1.009	0.512
5:	-0.336	-0.599
6:	-0.192	-0.152
7:	0.270	0.001
8:	0.128	0.255
9:	-0.256	0.040
10:	0.127	0.051

X CENTROID: 0.013
 Y CENTROID: 0.159
 POA TO CENTROID: 0.160
 HORZ SPREAD: 1.924
 VERT SPREAD: 1.224
 GROUP SPREAD: 1.927
 MIN RADIUS: 0.149
 MAX RADIUS: 1.081
 MEAN RADIUS: 0.561
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

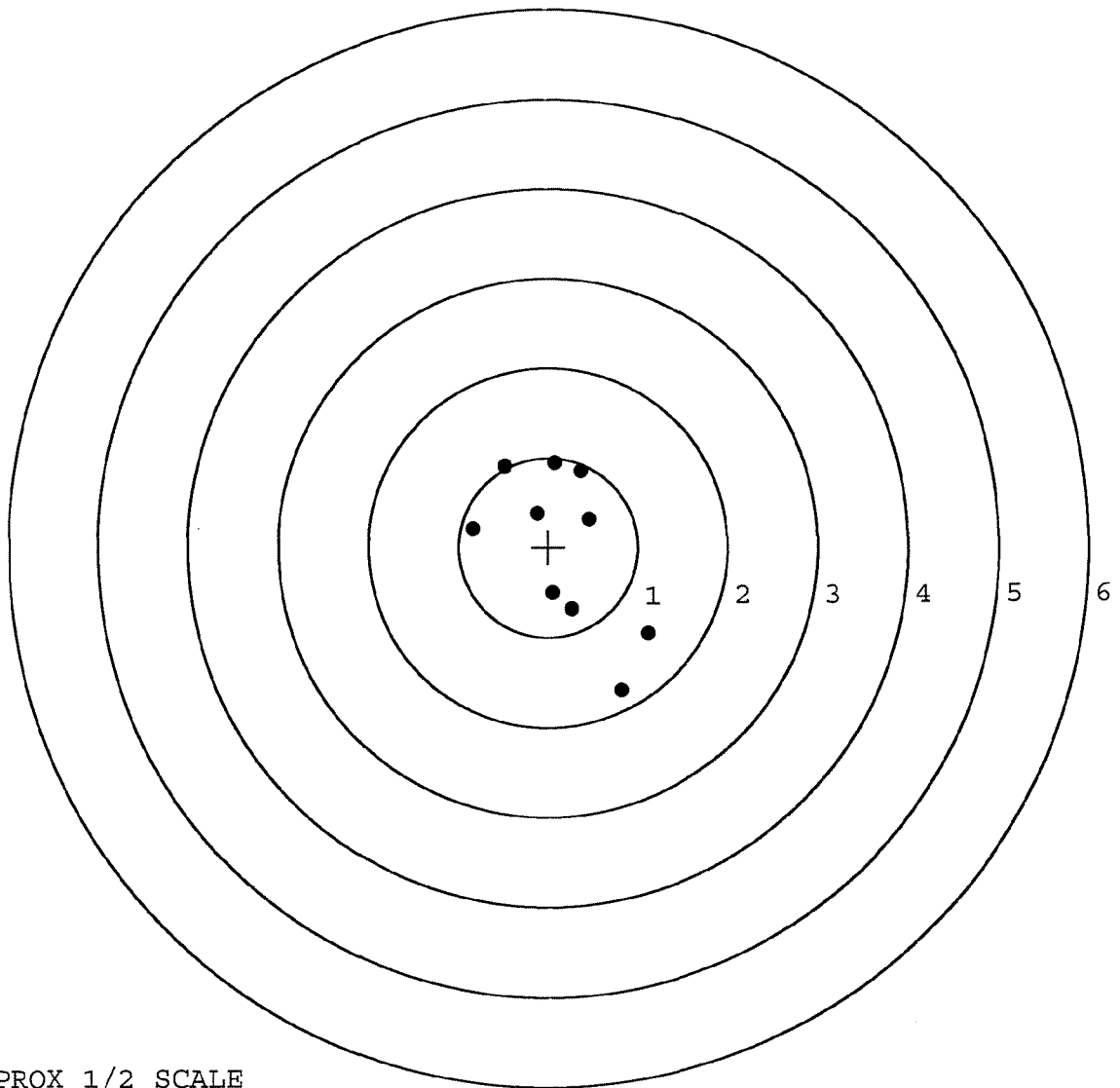


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192.____0
TARGET NUMBER: 2
FILE DATE: 12/03/2003
FILE TIME: 11:53

POINT#	X	Y
1:	-0.484	0.911
2:	0.079	0.943
3:	0.373	0.852
4:	-0.115	0.374
5:	0.471	0.309
6:	-0.837	0.207
7:	0.047	-0.520
8:	0.265	-0.697
9:	1.111	-0.967
10:	0.817	-1.595

X CENTROID: 0.173
Y CENTROID: -0.018
POA TO CENTROID: 0.174
HORZ SPREAD: 1.948
VERT SPREAD: 2.538
GROUP SPREAD: 2.824
MIN RADIUS: 0.443
MAX RADIUS: 1.703
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

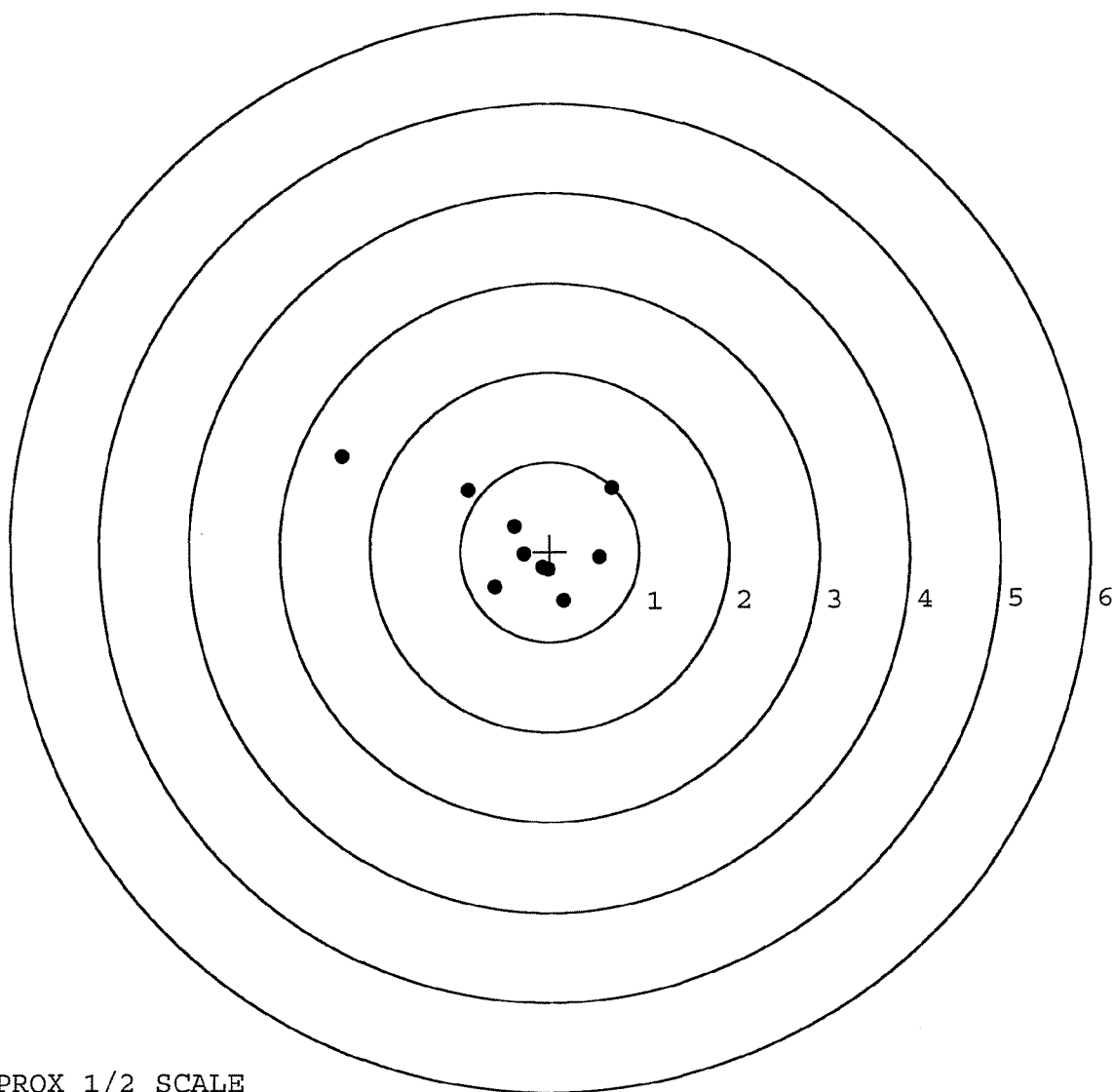


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192.___0
TARGET NUMBER: 3
FILE DATE: 12/03/2003
FILE TIME: 11:53

POINT#	X	Y
1:	0.694	0.701
2:	-2.300	1.078
3:	-0.901	0.682
4:	-0.391	0.284
5:	-0.288	-0.028
6:	-0.026	-0.201
7:	0.558	-0.073
8:	0.159	-0.553
9:	-0.617	-0.394
10:	-0.085	-0.179

X CENTROID: -0.320
Y CENTROID: 0.132
POA TO CENTROID: 0.346
HORZ SPREAD: 2.994
VERT SPREAD: 1.631
GROUP SPREAD: 3.081
MIN RADIUS: 0.163
MAX RADIUS: 2.195
MEAN RADIUS: 0.766
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

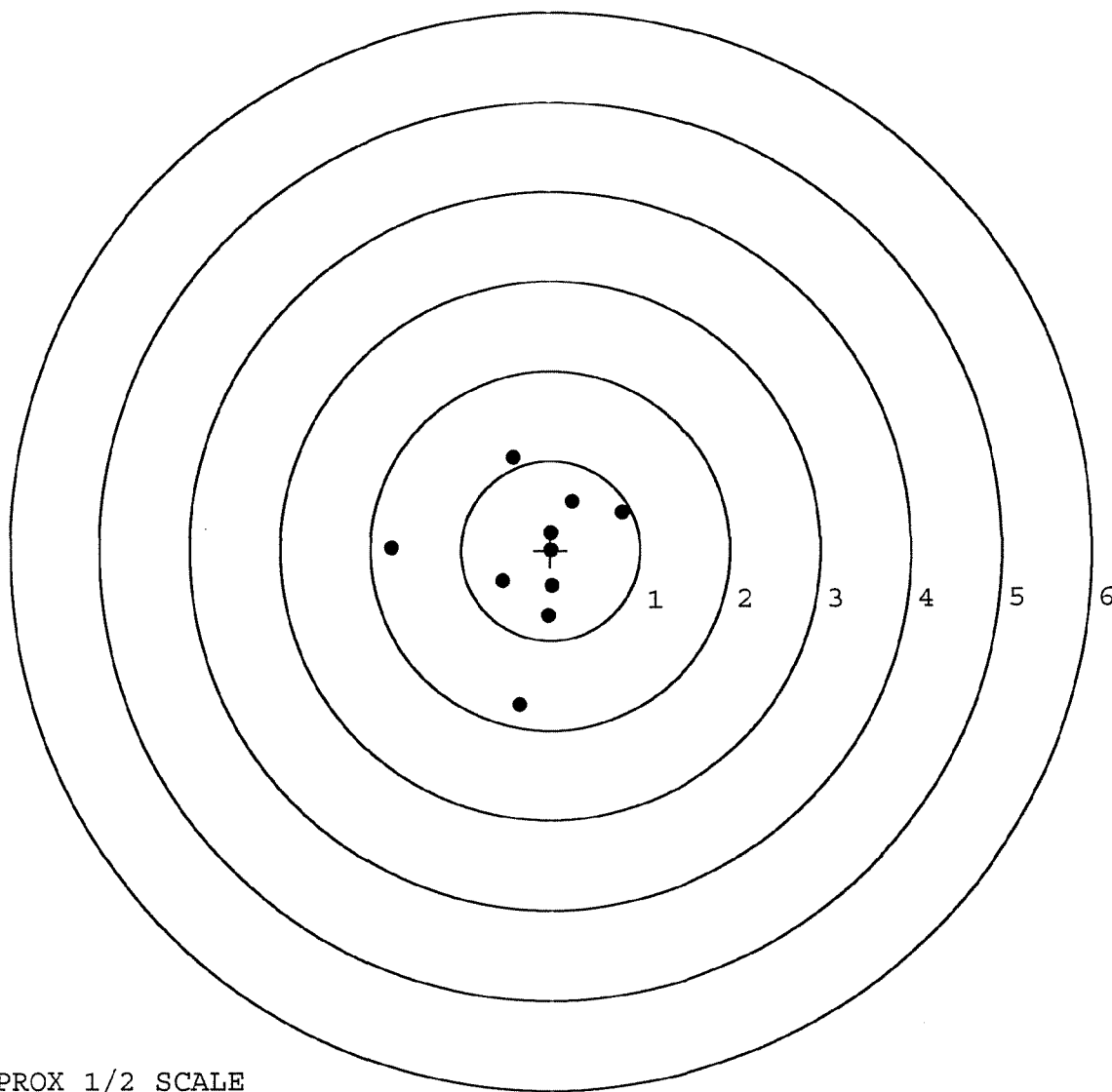


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192. __0
TARGET NUMBER: 4
FILE DATE: 12/03/2003
FILE TIME: 11:53

POINT#	X	Y
1:	-0.407	1.040
2:	-1.767	0.036
3:	-0.535	-0.340
4:	-0.032	-0.730
5:	-0.351	-1.721
6:	0.017	-0.398
7:	-0.005	-0.005
8:	0.002	0.200
9:	0.803	0.418
10:	0.247	0.543

X CENTROID: -0.203
Y CENTROID: -0.096
POA TO CENTROID: 0.224
HORZ SPREAD: 2.570
VERT SPREAD: 2.761
GROUP SPREAD: 2.762
MIN RADIUS: 0.218
MAX RADIUS: 1.632
MEAN RADIUS: 0.829
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6288192. __0

TARGET NUMBER: 5

FILE DATE: 12/03/2003

FILE TIME: 11:53

X CENTROID: -0.130

Y CENTROID: 0.243

POA TO CENTROID: 0.275

HORZ SPREAD: 1.669

VERT SPREAD: 1.546

GROUP SPREAD: 2.107

MIN RADIUS: 0.205

MAX RADIUS: 1.207

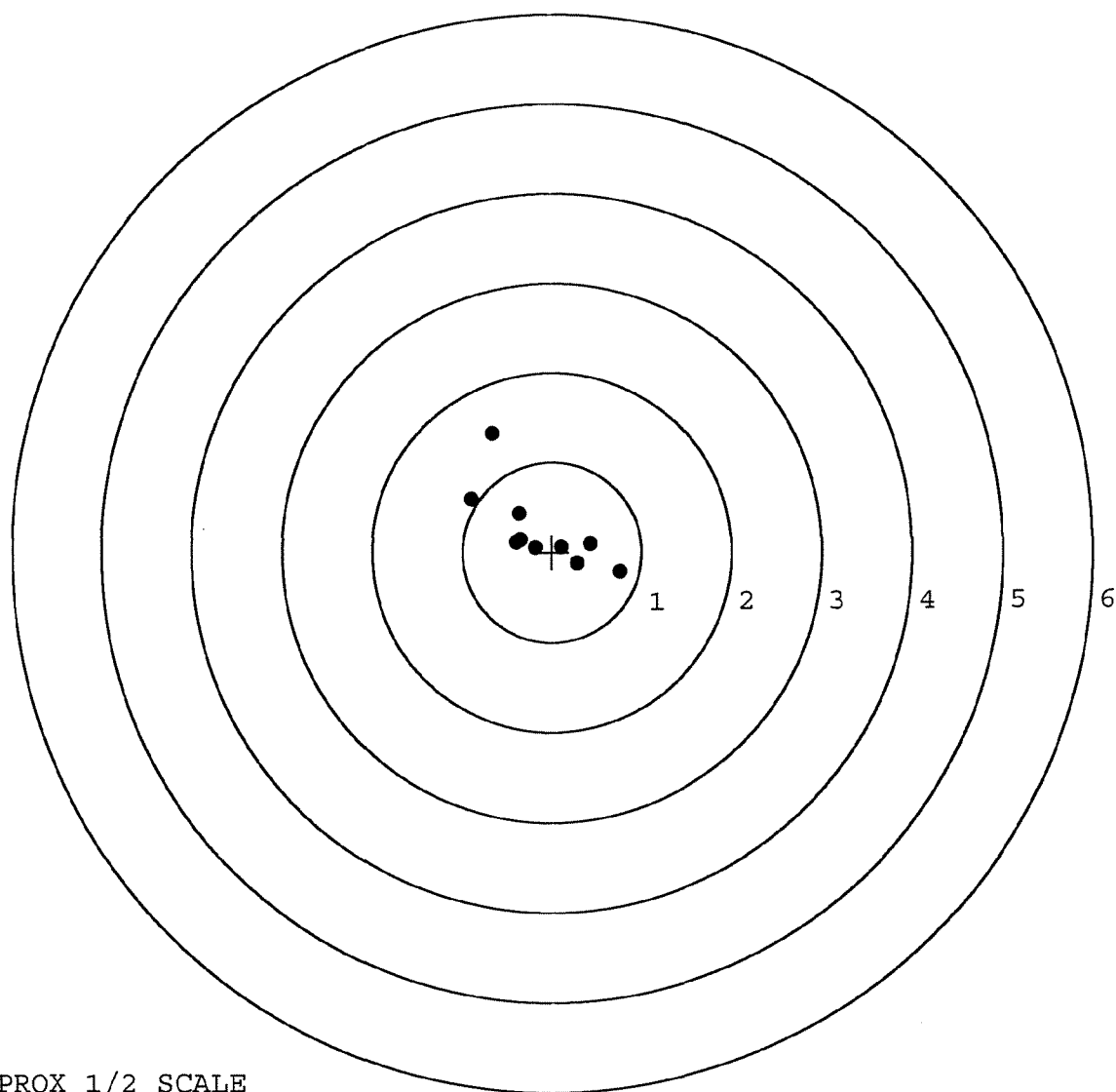
MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.665	1.325
2:	-0.903	0.591
3:	-0.363	0.428
4:	-0.406	0.108
5:	0.766	-0.221
6:	0.431	0.087
7:	0.286	-0.128
8:	0.102	0.056
9:	-0.191	0.047
10:	-0.355	0.134



TARGET APPROX 1/2 SCALE