

G-6300553

Repair Inquiry

Repair Number: RE00111041

Serial: G6300553 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 4/12/2006 1:37:29 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: 60 AERIAL PORT SQD, TRTCD

60 AERIAL PORT SQD, TRTCD

Address 1: TRAFFIC MANAGEMENT OFFICE

TRAFFIC MANAGEMENT OFFICE

Address 2: BLDG 977 90 RAGSDALE ST

PO Box:

BLDG 977 90 RAGSDALE ST

PO Box:

City: TRAVIS AFB

TRAVIS AFB

State: CA

Zip Code: 94535

Country: US

State: CA

Zip Code: 94535

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
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/12/2006

1:51 PM

CAPS

NUM

INS

SCRL

start

5 M.

Ar...

3 I.

2 M.

Pet...

Par...

SA...

1:51 PM

Serial Number: G6300553

Model: M24 SWS



RE00111041

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 5-8-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	241	266		256	
PULL #2	248	263		249	
PULL #3	250	253		260	
PULL #4	243	243		261	
PULL #5	262	252		245	
TOTAL	1244	1277		1271	
AVERAGE	248	255		254	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	302		
PULL #2	320	317		
PULL #3	315	302		
PULL #4	299	310		
PULL #5	302	310		
TOTAL	1545	1541		
AVERAGE	309	308		

	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	4.18	3.96		4.17
PULL #2	4.07	4.04		4.04
PULL #3	4.11	4.03		4.03
PULL #4	4.03	4.10		4.05
PULL #5	4.00	3.98		4.21
TOTAL	20.39	20.11		20.50
AVERAGE	4.07	4.02		4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300553.__1
FILE DATE AND TIME: 05/22/2006 08:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

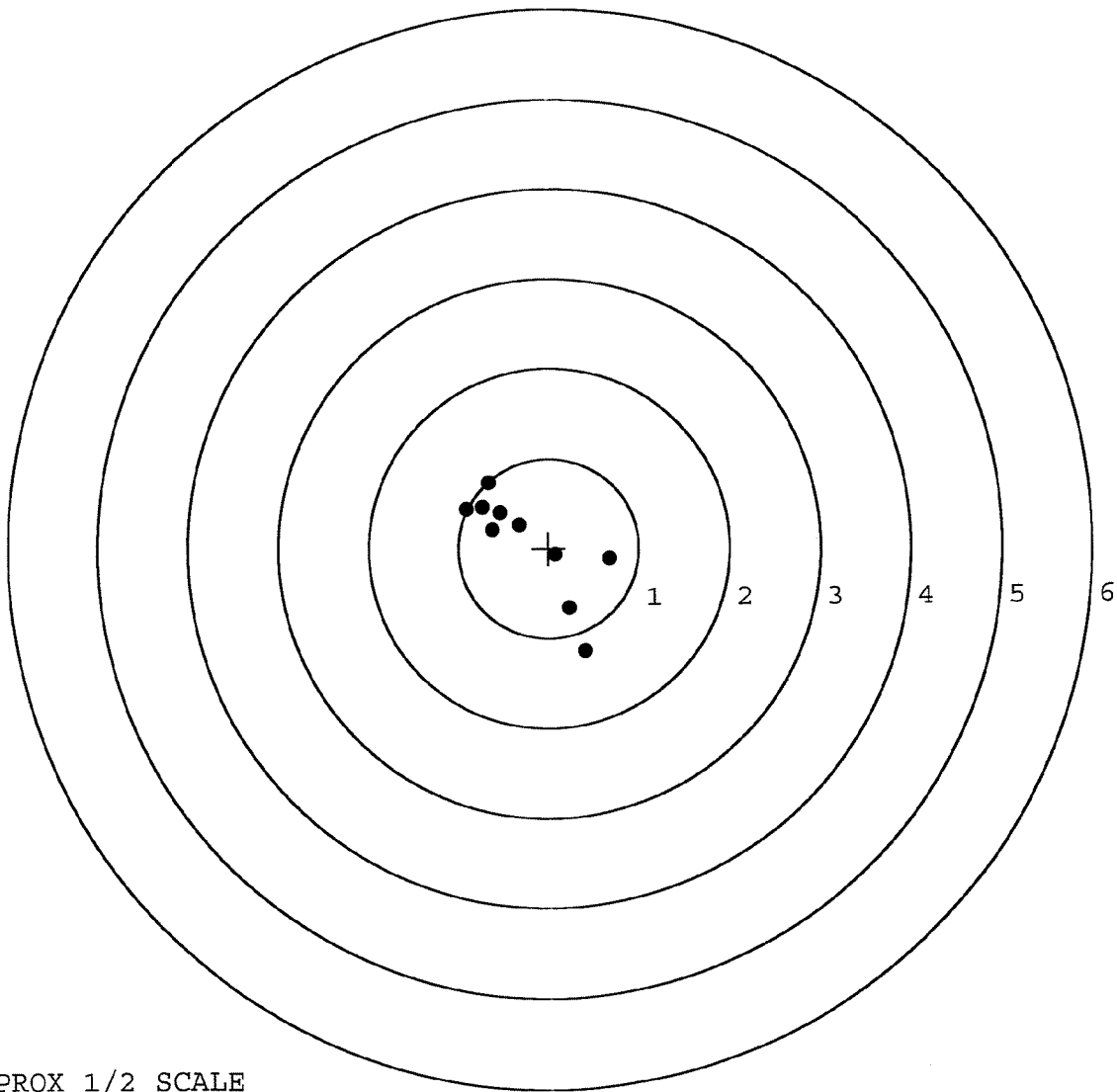
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean .733

SERIAL NUMBER: G6300553. __1
 TARGET NUMBER: 1
 FILE DATE: 05/22/2006
 FILE TIME: 08:10

X CENTROID: -0.240
 Y CENTROID: 0.049
 POA TO CENTROID: 0.245
 HORZ SPREAD: 1.590
 VERT SPREAD: 1.888
 GROUP SPREAD: 2.168
 MIN RADIUS: 0.227
 MAX RADIUS: 1.363
 MEAN RADIUS: 0.684
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.404	-1.153
2:	0.228	-0.673
3:	0.678	-0.125
4:	0.079	-0.079
5:	-0.323	0.260
6:	-0.624	0.208
7:	-0.912	0.445
8:	-0.662	0.735
9:	-0.733	0.465
10:	-0.534	0.403

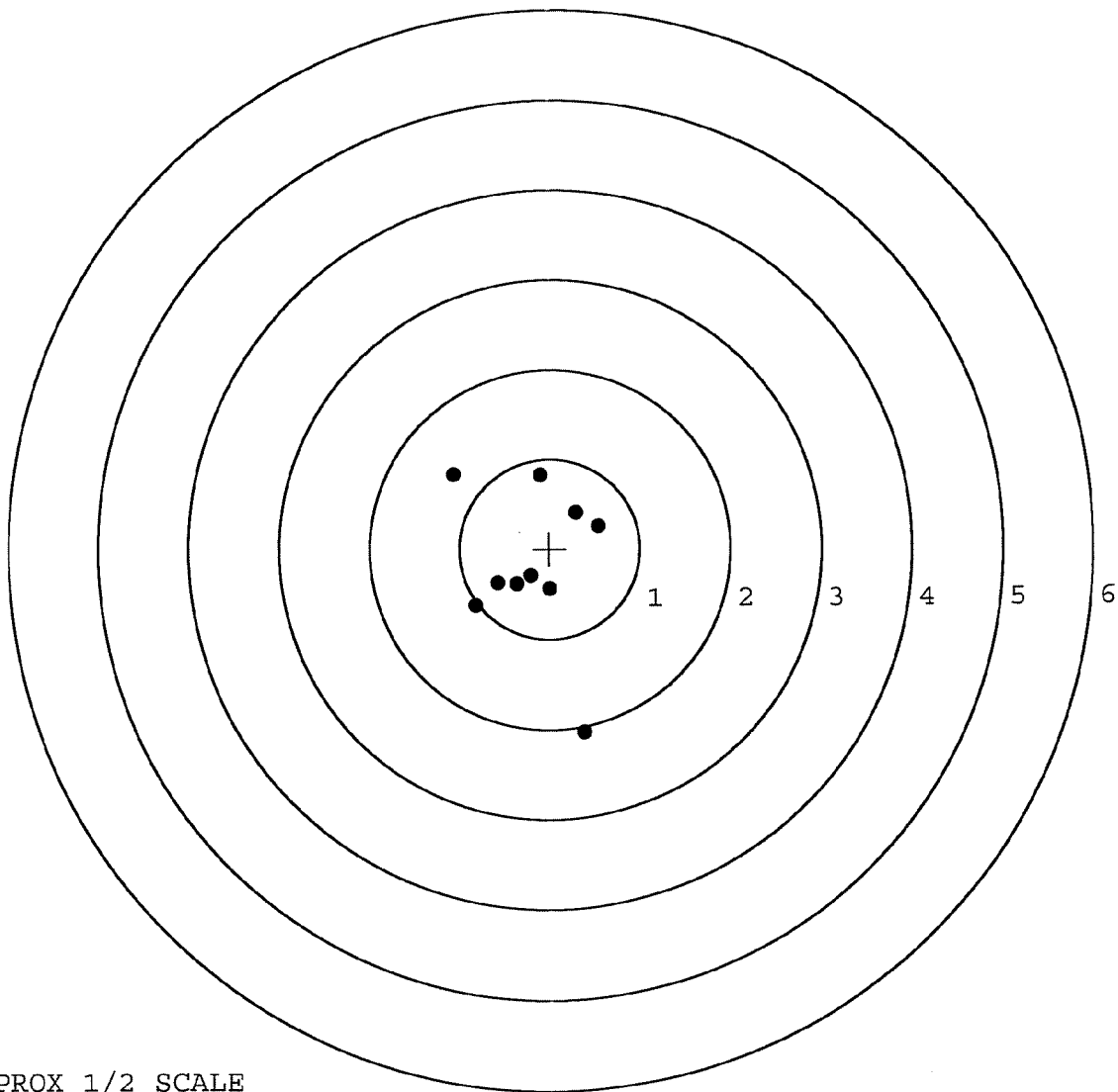


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __1
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 08:10

X CENTROID: -0.192
 Y CENTROID: -0.189
 POA TO CENTROID: 0.270
 HORZ SPREAD: 1.603
 VERT SPREAD: 2.870
 GROUP SPREAD: 3.211
 MIN RADIUS: 0.113
 MAX RADIUS: 1.933
 MEAN RADIUS: 0.782
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.543	0.247
2:	0.294	0.405
3:	-0.101	0.820
4:	-1.060	0.835
5:	-0.003	-0.452
6:	-0.210	-0.301
7:	-0.577	-0.382
8:	-0.823	-0.629
9:	-0.366	-0.398
10:	0.381	-2.035



TARGET APPROX 1/2 SCALE

		TAP # <u>W</u>		
R & E NUMBER	<u>11141</u>			
SERIAL NUMBER	<u>G 6300553</u>			
LOG-IN DATE	<u>4-12-06</u>			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		<u>5-5-06</u>	<u>AC</u>
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS		<u>5/12</u>	<u>HP</u>
625	FINAL ASSEMBLY		<u>5-19-06</u>	<u>AC</u>
640	FUNCTION TEST AND	<u>PASS</u>	FAIL	<u>5-22-06</u> <u>TRW</u>
650	TARGET	<u>PASS</u>	FAIL	<u>5-22-06</u> <u>TRW</u>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	<u>N/A</u>	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	<u>5-22-06</u>	<u>R.P.</u>
670	FINAL INSPECTION		<u>5-22-06</u>	<u>MTM</u>
	A) HEADSPACE	<u>PASS</u>	FAIL	<u>5-22-06</u> <u>MTM</u>
	B) TRIGGER PULL	<u>+/- .5 LBS</u> <u>MIN 2.50 LBS</u> <u>MAX 4.0 LBS</u>	<u>2.23</u> <u>2.25</u> <u>2.25</u> <u>2.29</u> <u>2.25</u>	<u>AC</u>
680	F) SAFETY ON FORCE	<u>2 LBS MIN</u> <u>10 LBS MAX</u>	<u>7lbs.</u> <u>7lbs.</u> <u>7lbs.</u>	<u>MTM</u>
	G) SAFETY OFF FORCE	<u>2 LBS</u> <u>MIN</u>	<u>3lbs.</u> <u>3lbs.</u> <u>3lbs.</u>	<u>MTM</u>
	I) FIRING PIN INDENT	<u>.020</u>	<u>.023</u> <u>.022</u> <u>.022</u>	<u>MTM</u>
690	PACK		<u>526.06</u>	<u>DA</u>

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.
G6300553

ORDER NO.
25716

46

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

12RX

5716 G6300553

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 3518

46 FORM

proof of purchase



owner registration sticker



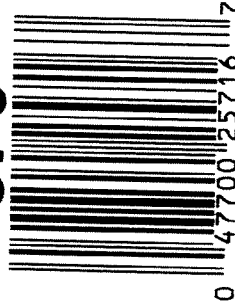
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6300553

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300 553

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	5/22/03	RTL
610	DIS-ASSEMBLE GUN	MAY 23 2003	5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BK</u>		
615	ROLLMARK CALIBER		6-2-03	LB
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-1-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-1-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-1-03	DA
	D) OIL FIRING PIN ASSEMBLY		7-1-03	DA
	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>7.2</u> <u>6.5</u> <u>6.5</u>	8-4-03	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>3.0</u>	8-4-03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	8-4-03	DA
	J) ASSEMBLE STOCK		7/3/03	RW
	K) ASSEMBLE SWIVEL STUDS		11/10/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7/3/03	RW
	M) IRON SIGHT ALIGNMENT		7/3/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7/3/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
645	INSPECT FOR LIVE AMMO		7-25-03	AL
655	FINAL INSPECTION A) HEADSPACE		11/10/03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.65</u> <u>2.70</u> <u>2.66</u> <u>2.76</u>	8/6/03	DA
	C) FUNCTION		11/10/03	RW
660	PACK		11/11/03	DA

BARBER - M24 0162058
**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 7-2-03

 TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.43		2.63	
PULL #2	2.49	2.44		2.70	
PULL #3	2.45	2.49		2.71	
PULL #4	2.38	2.52		2.64	
PULL #5	2.29	2.50		2.60	
TOTAL	12.14	12.38		13.28	
AVERAGE	2.42	2.47		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.15		
PULL #2	3.06	3.14		
PULL #3	3.08	3.16		
PULL #4	3.15	3.15		
PULL #5	3.08	3.14		
TOTAL	15.60	15.74		
AVERAGE	3.12	3.14		

	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	4.04	4.35		4.10
PULL #2	4.30	4.30		4.22
PULL #3	4.08	4.25		4.27
PULL #4	4.16	4.33		4.30
PULL #5	4.23	4.29		4.06
TOTAL	20.81	21.52		20.95
AVERAGE	4.16	4.30		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300553.__0
FILE DATE AND TIME: 07/25/2003 06:50

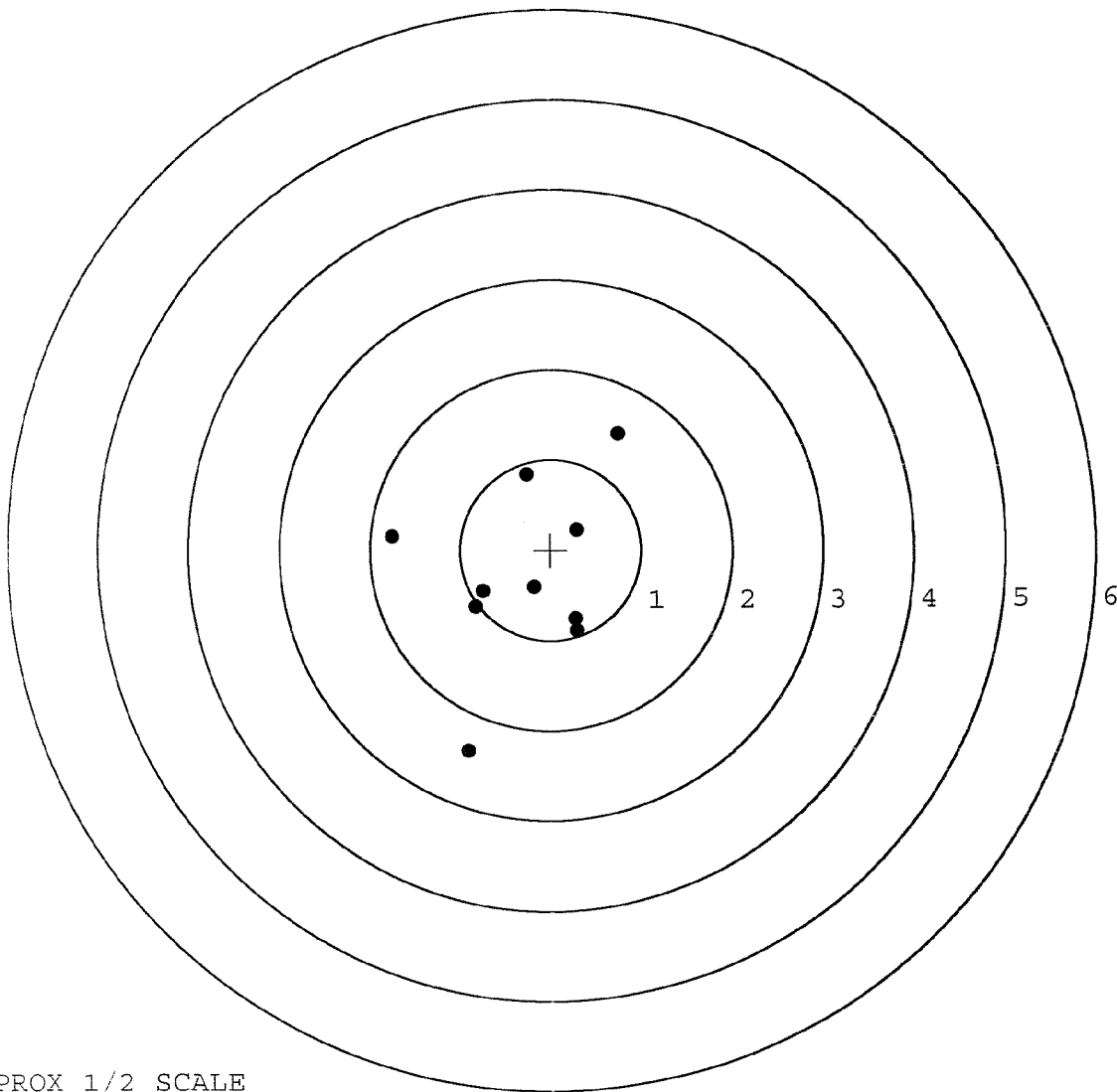
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.937
The Distance from POA to Centroid Target #1:	0.422
The Distance from Centroid Target #2 to Centroid Target #1:	0.347
The Distance from Centroid Target #3 to Centroid Target #1:	0.531
The Distance from Centroid Target #4 to Centroid Target #1:	0.648
The Distance from Centroid Target #5 to Centroid Target #1:	0.274

SERIAL NUMBER: G6300553. __0
 TARGET NUMBER: 1
 FILE DATE: 07/25/2003
 FILE TIME: 06:50

X CENTROID: -0.309
 Y CENTROID: -0.287
 POA TO CENTROID: 0.422
 HORZ SPREAD: 2.506
 VERT SPREAD: 3.506
 GROUP SPREAD: 3.880
 MIN RADIUS: 0.177
 MAX RADIUS: 2.028
 MEAN RADIUS: 1.023
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.748	1.283
2:	-0.263	0.836
3:	-1.758	0.161
4:	-0.914	-2.223
5:	0.290	0.224
6:	-0.184	-0.412
7:	-0.751	-0.451
8:	-0.827	-0.626
9:	0.291	-0.899
10:	0.276	-0.764

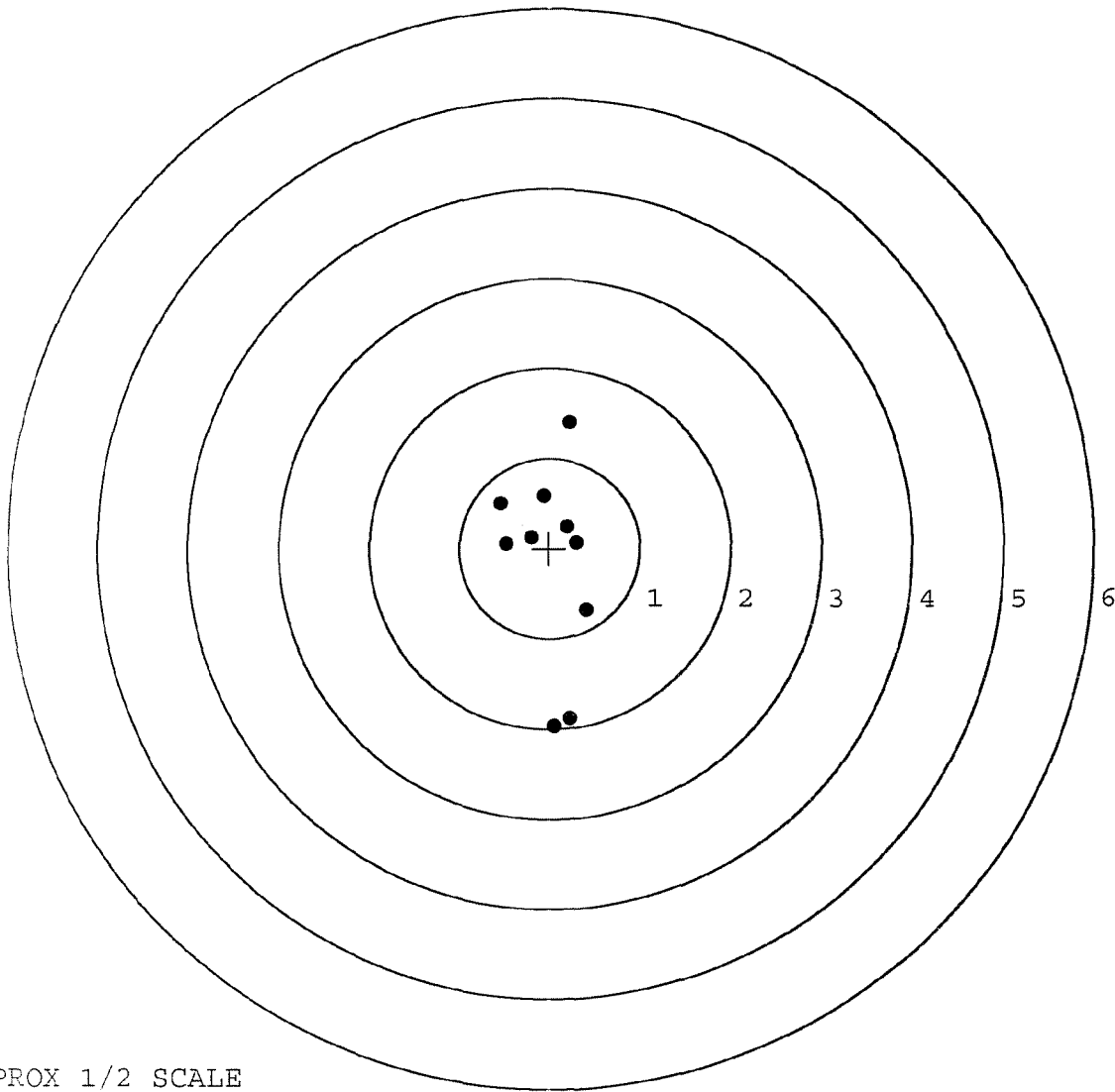


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __0
 TARGET NUMBER: 2
 FILE DATE: 07/25/2003
 FILE TIME: 06:50

X CENTROID: 0.012
 Y CENTROID: -0.158
 POA TO CENTROID: 0.158
 HORZ SPREAD: 0.952
 VERT SPREAD: 3.375
 GROUP SPREAD: 3.379
 MIN RADIUS: 0.350
 MAX RADIUS: 1.819
 MEAN RADIUS: 0.910
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.054	-1.976
2:	0.228	-1.891
3:	0.407	-0.686
4:	0.299	0.069
5:	0.196	0.245
6:	0.226	1.399
7:	-0.065	0.581
8:	-0.545	0.505
9:	-0.477	0.056
10:	-0.200	0.121



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. 0

TARGET NUMBER: 3

FILE DATE: 07/25/2003

FILE TIME: 06:50

X CENTROID: 0.015

Y CENTROID: 0.134

POA TO CENTROID: 0.135

HORZ SPREAD: 1.125

VERT SPREAD: 4.419

GROUP SPREAD: 4.560

MIN RADIUS: 0.195

MAX RADIUS: 2.597

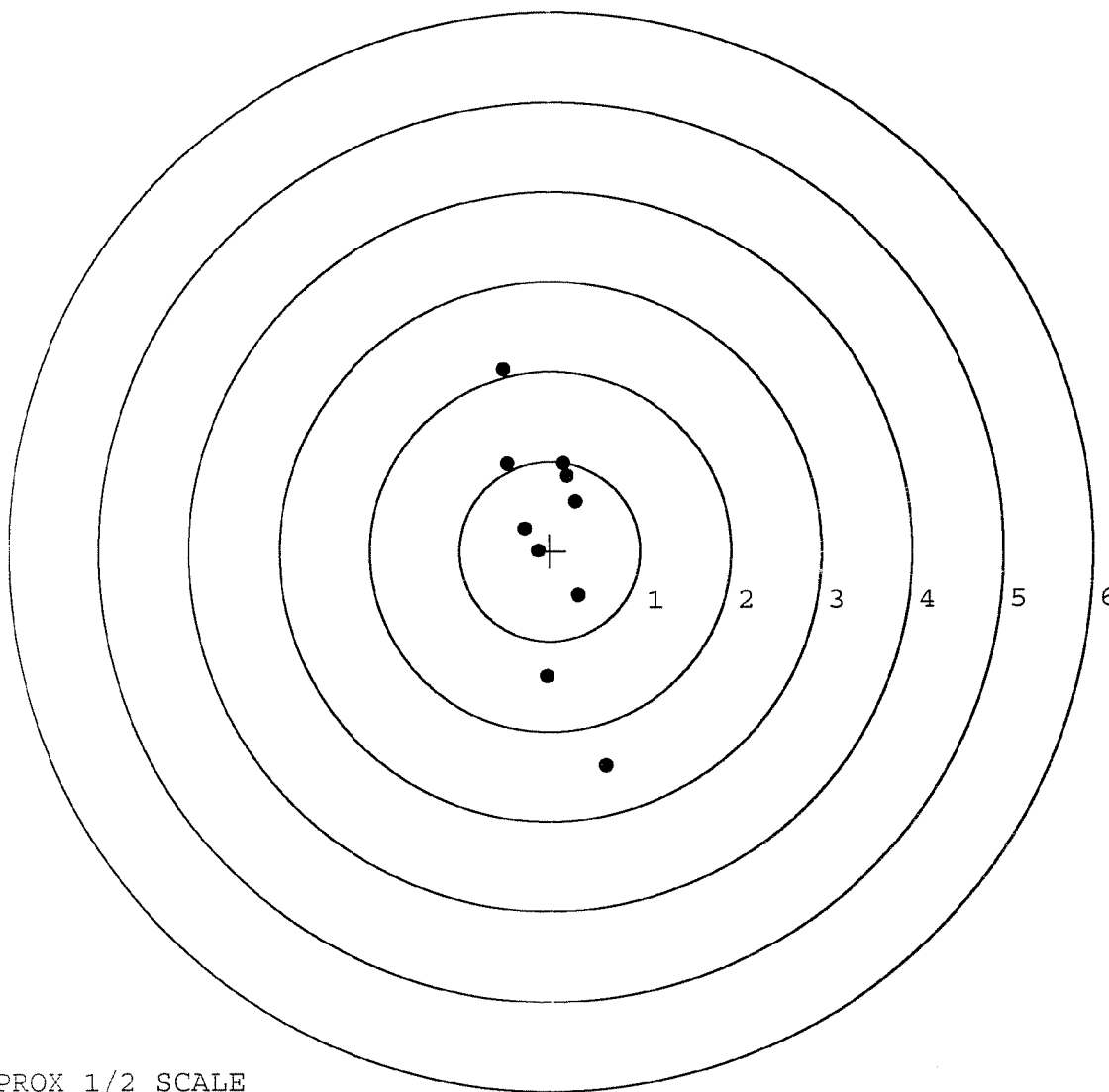
MEAN RADIUS: 1.036

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.509	2.026
2:	-0.467	0.979
3:	0.154	0.976
4:	0.195	0.838
5:	0.290	0.551
6:	-0.279	0.248
7:	-0.132	0.006
8:	0.318	-0.496
9:	-0.037	-1.398
10:	0.616	-2.393

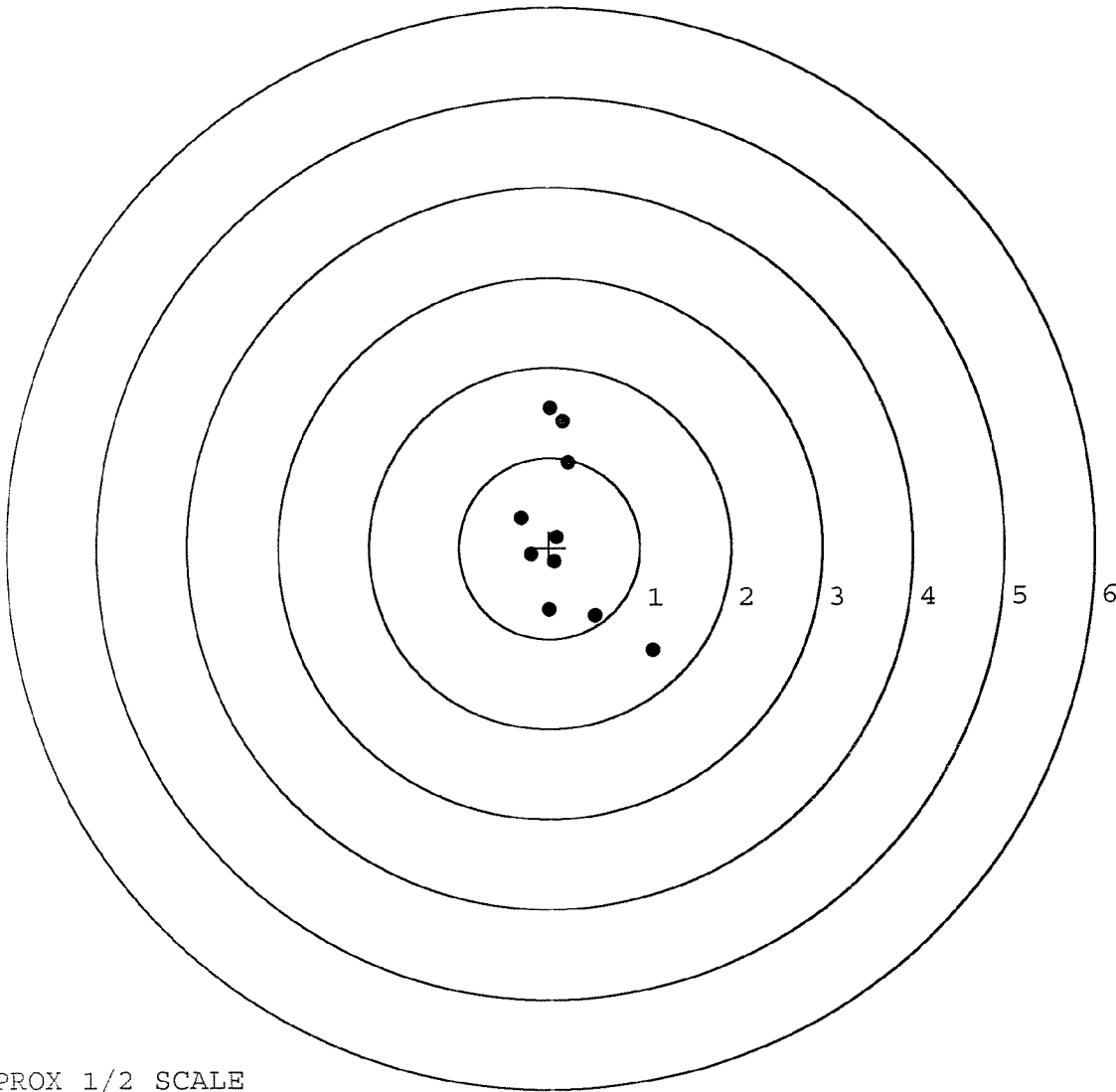


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __0
 TARGET NUMBER: 4
 FILE DATE: 07/25/2003
 FILE TIME: 06:50

X CENTROID: 0.165
 Y CENTROID: 0.155
 POA TO CENTROID: 0.226
 HORZ SPREAD: 1.445
 VERT SPREAD: 2.689
 GROUP SPREAD: 2.912
 MIN RADIUS: 0.088
 MAX RADIUS: 1.616
 MEAN RADIUS: 0.824
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.018	1.552
2:	0.157	1.403
3:	0.218	0.945
4:	-0.310	0.331
5:	0.085	0.118
6:	-0.202	-0.075
7:	0.059	-0.156
8:	-0.013	-0.681
9:	0.503	-0.750
10:	1.135	-1.137



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. 0

TARGET NUMBER: 5

FILE DATE: 07/25/2003

FILE TIME: 06:50

POINT#	X	Y
1:	0.103	1.364
2:	0.441	0.467
3:	-0.410	0.547
4:	-0.440	0.380
5:	-0.002	0.013
6:	-0.109	-0.350
7:	-0.352	-0.399
8:	-0.650	-0.585
9:	0.341	-0.930
10:	0.665	-2.812

X CENTROID: -0.041

Y CENTROID: -0.231

POA TO CENTROID: 0.234

HORZ SPREAD: 1.315

VERT SPREAD: 4.176

GROUP SPREAD: 4.214

MIN RADIUS: 0.137

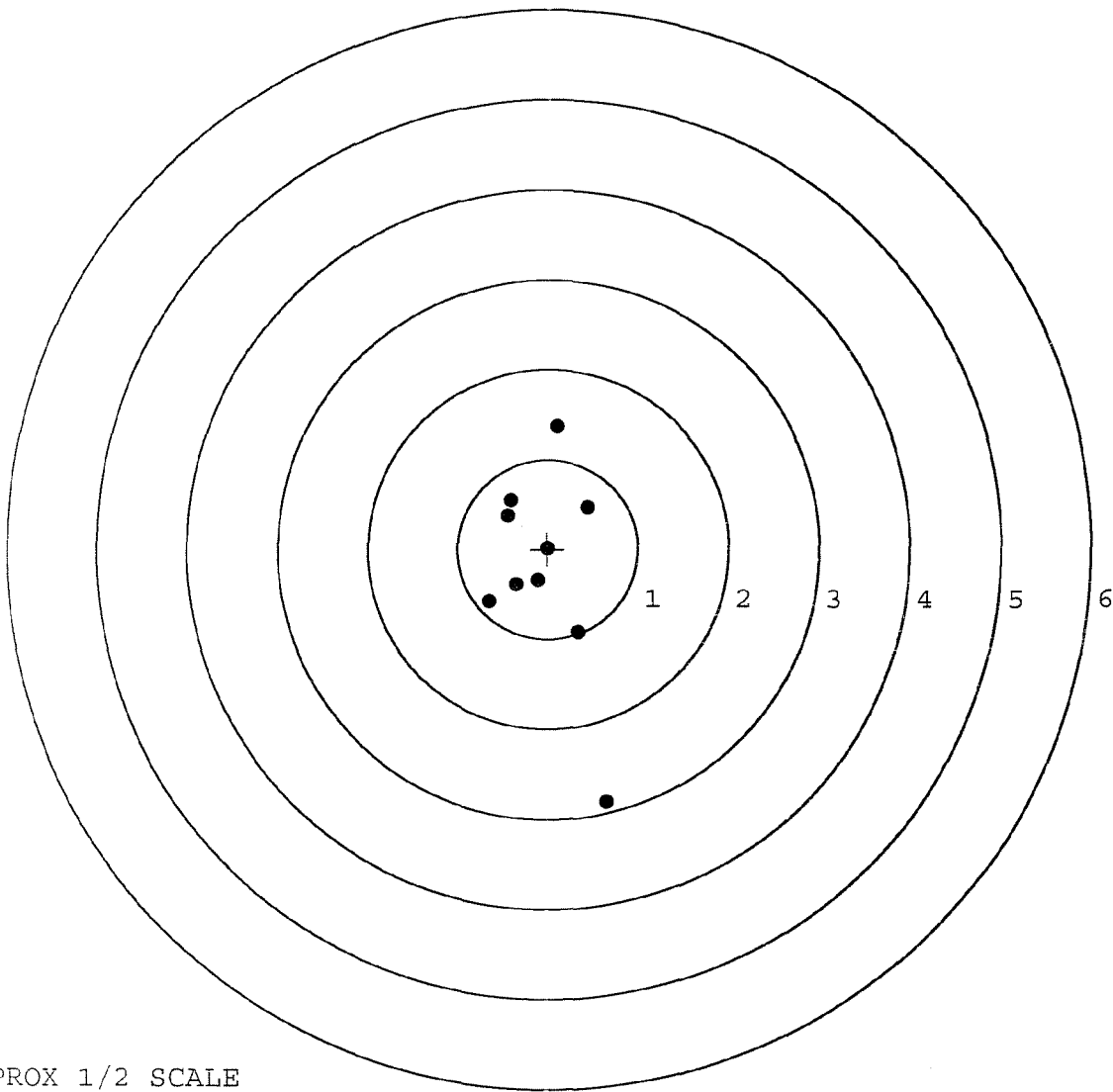
MAX RADIUS: 2.676

MEAN RADIUS: 0.895

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE