

G-6300 494

Repair Inquiry

Repair Number: RE00111033

Serial: G6300494 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair: High Priority

Status: Closed 4/12/2006 1:36:13 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
A016	Scope Rings	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

4/12/2006

1:51 PM

CAPS

NUM

INS

SCRL

start

5 M.

Ar...

3 L.

2 M.

Pet...

Par...

SA...

1:51 PM

G6300494

Model: M24 SWS



RE00111033

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

5-19-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.47		2.49	
PULL #2	2.49	2.41		2.56	
PULL #3	2.53	2.43		2.46	
PULL #4	2.39	2.57		2.47	
PULL #5	2.39	2.40		2.49	
TOTAL	12.40	12.28		12.47	
AVERAGE	2.48	2.45		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	2.94		
PULL #2	3.10	2.97		
PULL #3	3.13	2.98		
PULL #4	3.10	2.92		
PULL #5	3.11	2.97		
TOTAL	15.62	14.78		
AVERAGE	3.12	2.95		

	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	4.12		4.06
PULL #2	3.99	4.09		4.02
PULL #3	4.15	4.09		3.98
PULL #4	3.92	4.06		4.06
PULL #5	4.09	4.01		4.06
TOTAL	20.21	20.37		20.18
AVERAGE	4.04	4.07		4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300494. __1
FILE DATE AND TIME: 05/22/2006 08:31

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 .698

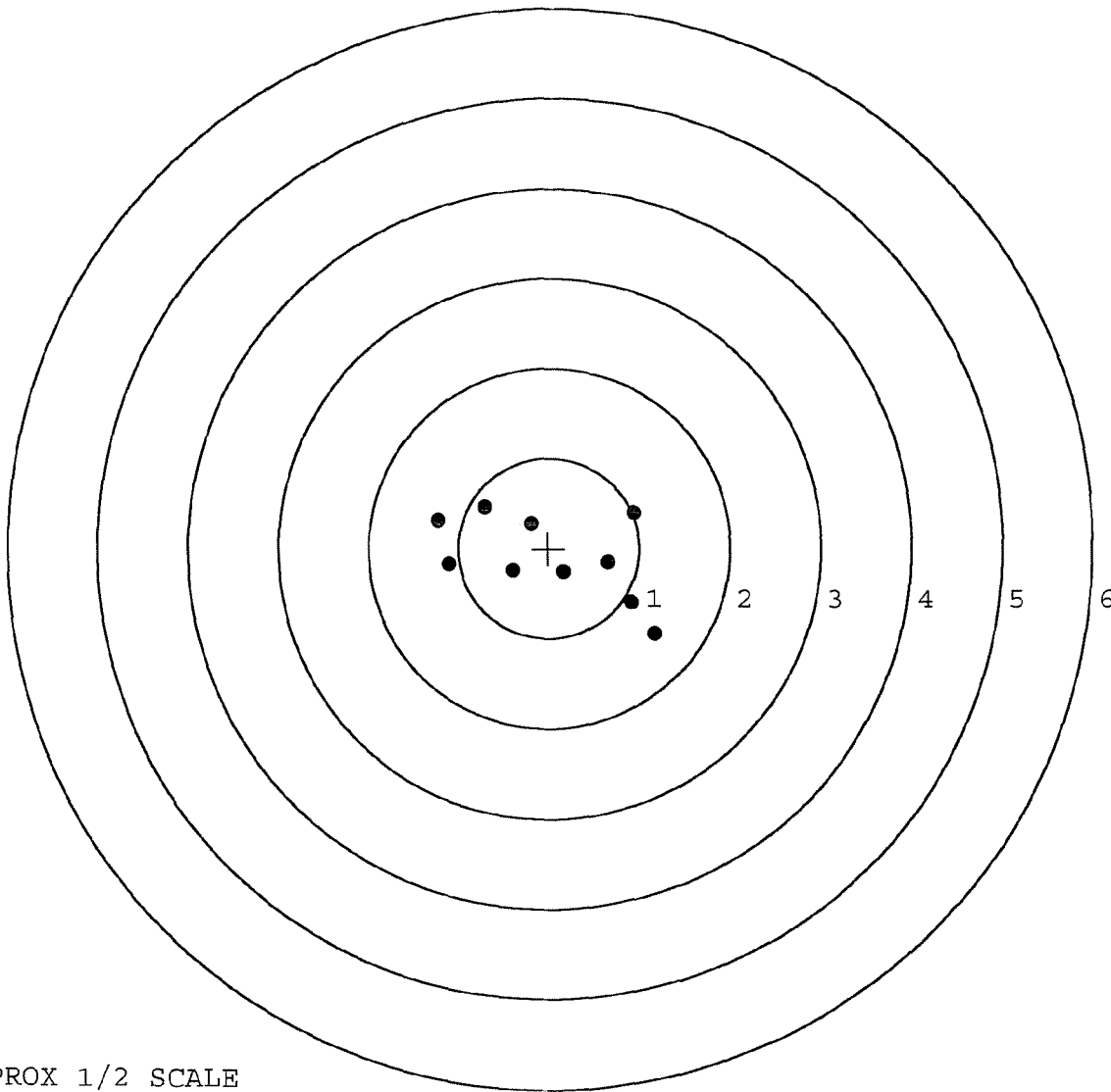
BARBER - M24 0161214

SERIAL NUMBER: G6300494. __1
 TARGET NUMBER: 1
 FILE DATE: 05/22/2006
 FILE TIME: 08:31

X CENTROID: -0.201
 Y CENTROID: -0.056
 POA TO CENTROID: 0.208
 HORZ SPREAD: 2.408
 VERT SPREAD: 1.405
 GROUP SPREAD: 2.715
 MIN RADIUS: 0.276
 MAX RADIUS: 1.640
 MEAN RADIUS: 0.766
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 11
 # in 3 IN DIAMETER: 16

POINT#	X	Y
1:	1.175	-0.949
2:	0.914	-0.600
3:	0.935	0.397
4:	0.660	-0.154
5:	0.168	-0.263
6:	0.163	-0.263
7:	0.166	-0.263
8:	-0.196	0.267
9:	-0.394	-0.253
10:	-0.394	-0.253
11:	-0.394	-0.253
12:	-0.707	0.456
13:	-0.707	0.453
14:	-1.233	0.305

POINT#	X	Y
15:	-1.231	0.307
16:	-1.231	0.307
17:	-1.106	-0.186

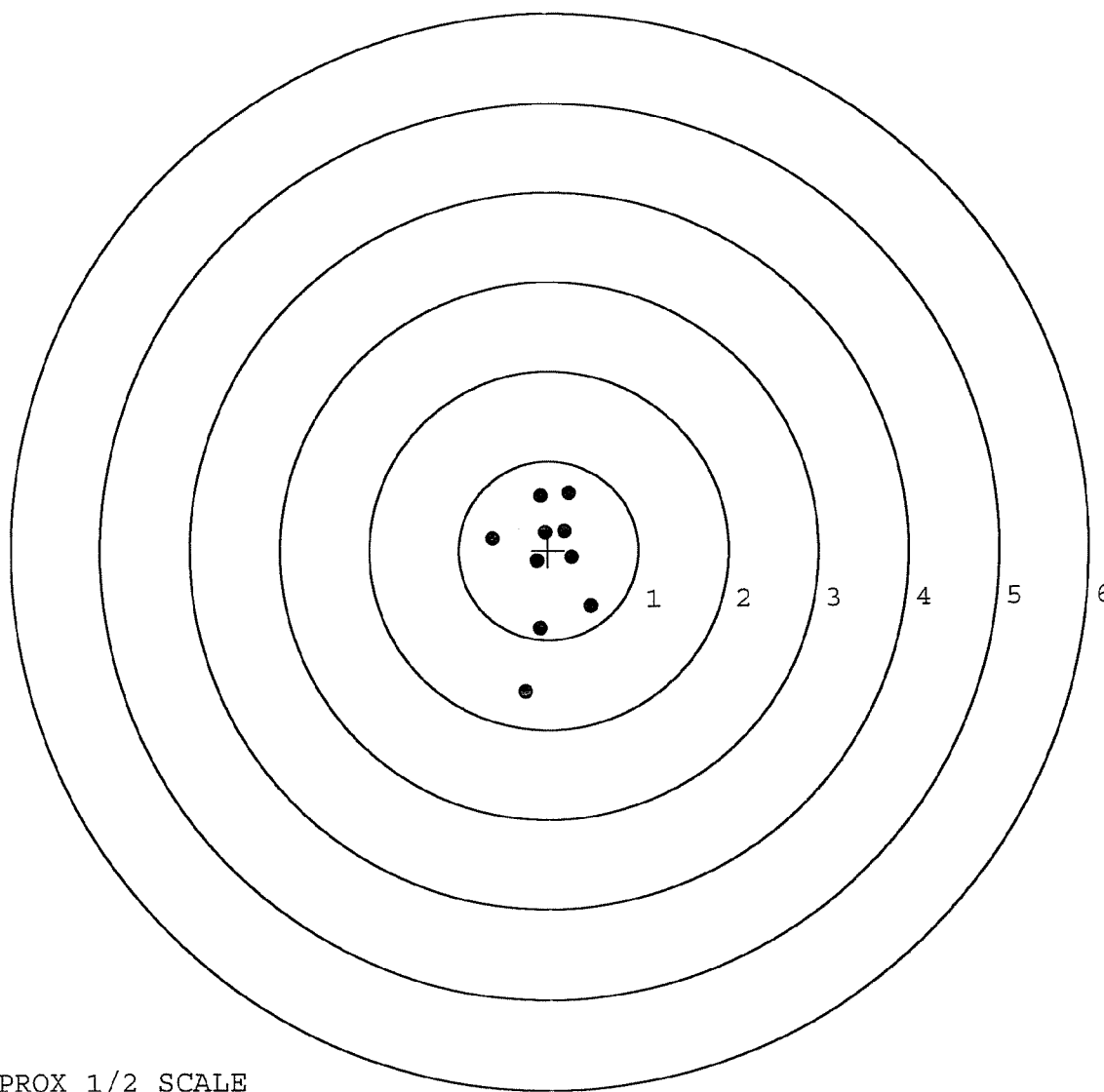


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300494. __1
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 08:31

POINT#	X	Y
1:	0.472	-0.629
2:	-0.094	-0.879
3:	-0.264	-1.582
4:	0.239	0.641
5:	-0.081	0.613
6:	-0.621	0.134
7:	0.260	-0.085
8:	0.184	0.219
9:	-0.035	0.200
10:	-0.130	-0.124

X CENTROID: -0.007
 Y CENTROID: -0.149
 POA TO CENTROID: 0.149
 HORZ SPREAD: 1.093
 VERT SPREAD: 2.223
 GROUP SPREAD: 2.279
 MIN RADIUS: 0.126
 MAX RADIUS: 1.456
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

		JAPAN		
R & E NUMBER	111033			
SERIAL NUMBER	G 6300494			
LOG-IN DATE	4-12-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-4-06	AC
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		5/12	HP
625	FINAL ASSEMBLY		5-19-06	Ac
640	FUNCTION TEST AND	PASS	FAIL	5-22-06 TRW
650	TARGET	PASS	FAIL	5-22-06 TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-22-06	RP.
	A) HEADSPACE	PASS	FAIL	5-22-06 NTH
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
		2.50 2.18 2.32 2.39 2.41		A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8 lbs 8 lbs 9 lbs	NTH
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 4 lbs 3 lbs	NTH
	I) FIRING PIN INDENT	.020	.023 .022 .023	NTH
690	PACK		5-29-06	NTH

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

46

Reg. U.S. Pat. & Tm. Off. - Marca Registrada. Marque Déposée.

MADE IN U.S.A.

SERIAL NO. **G6300494**

ORDER NO. **25716**

12RX



5716 G6300494

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



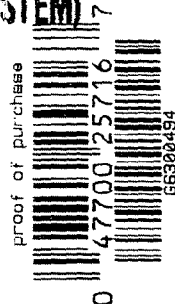
SERIAL NO.



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

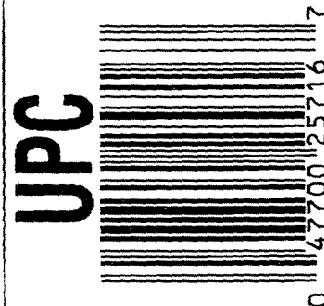
- INSTRUCTION BOOK 3518

46 FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6300494



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 62300494

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/19/03	RTL
600	PROOF		5-20-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	5/21/03	RTL
610	DIS-ASSEMBLE GUN	INSPECTED	5/21/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <i>RK</i>		
615	ROLLMARK CALIBER		5/27/03	JS
617	DRILL AND TAP SIGHT HOLES		5-22-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-11	TH
	(BOLT)		6-11	TH
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		6-17-03	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6-17-03	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6-17-03	RA
	D) OIL FIRING PIN ASSEMBLY		6-17-03	RA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	BARBER M24 0161220	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>5.5</u>	7-9-03	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	7-9-03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.022</u> <u>.022</u> <u>.021</u>	7-9-03	DA
	J) ASSEMBLE STOCK			1/18/03	RW
	K) ASSEMBLE SWIVEL STUDS			1-7-03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			6/18/03	RW
	M) IRON SIGHT ALIGNMENT			6/18/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			6/18/03	RW
640	GALLERY TEST AND TARGET		PASS FAIL	6-15-03	A
	MALFUNCTION	CORRECTION		6-15-03	A
	MALFUNCTION	CORRECTION		6-15-03	A
	MALFUNCTION	CORRECTION		6-15-03	A
	MALFUNCTION	CORRECTION		6-15-03	A
645	INSPECT FOR LIVE AMMO			6-15-03	A
655	FINAL INSPECTION A) HEADSPACE			11-7-03	RW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.73</u> <u>2.68</u> <u>2.70</u> <u>2.59</u> <u>2.70</u>	7-9-03	DA
	C) FUNCTION			11-7-03	RW
660	PACK			11/8/03	DA

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

DATE 6-3-03

TESTER TRC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.77	2.60		2.59	MIN. SETTING,
PULL #2	2.55	2.63		2.39	NO AVG. OF 5
PULL #3	2.60	2.48		2.47	READINGS ACCEPT-
PULL #4	2.59	2.56		2.46	ABLE LESS THAN 2
PULL #5	2.57	2.63		2.52	
TOTAL	13.08	12.90		12.42	
AVG.	2.61	2.58		2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.29		
PULL #2	3.20	3.23		
PULL #3	3.33	3.16		
PULL #4	3.30	3.11		
PULL #5	3.18	3.14		
TOTAL	16.20	15.93		
AVG.	3.24	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.29	4.04		4.32
PULL #2	4.16	4.19		4.24
PULL #3	4.17	4.12		4.23
PULL #4	4.13	4.17		4.19
PULL #5	4.09	4.20		4.17
TOTAL	20.84	20.72		21.15
AVG.	4.16	4.14		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300494.___0
FILE DATE AND TIME: 06/19/2003 07:34

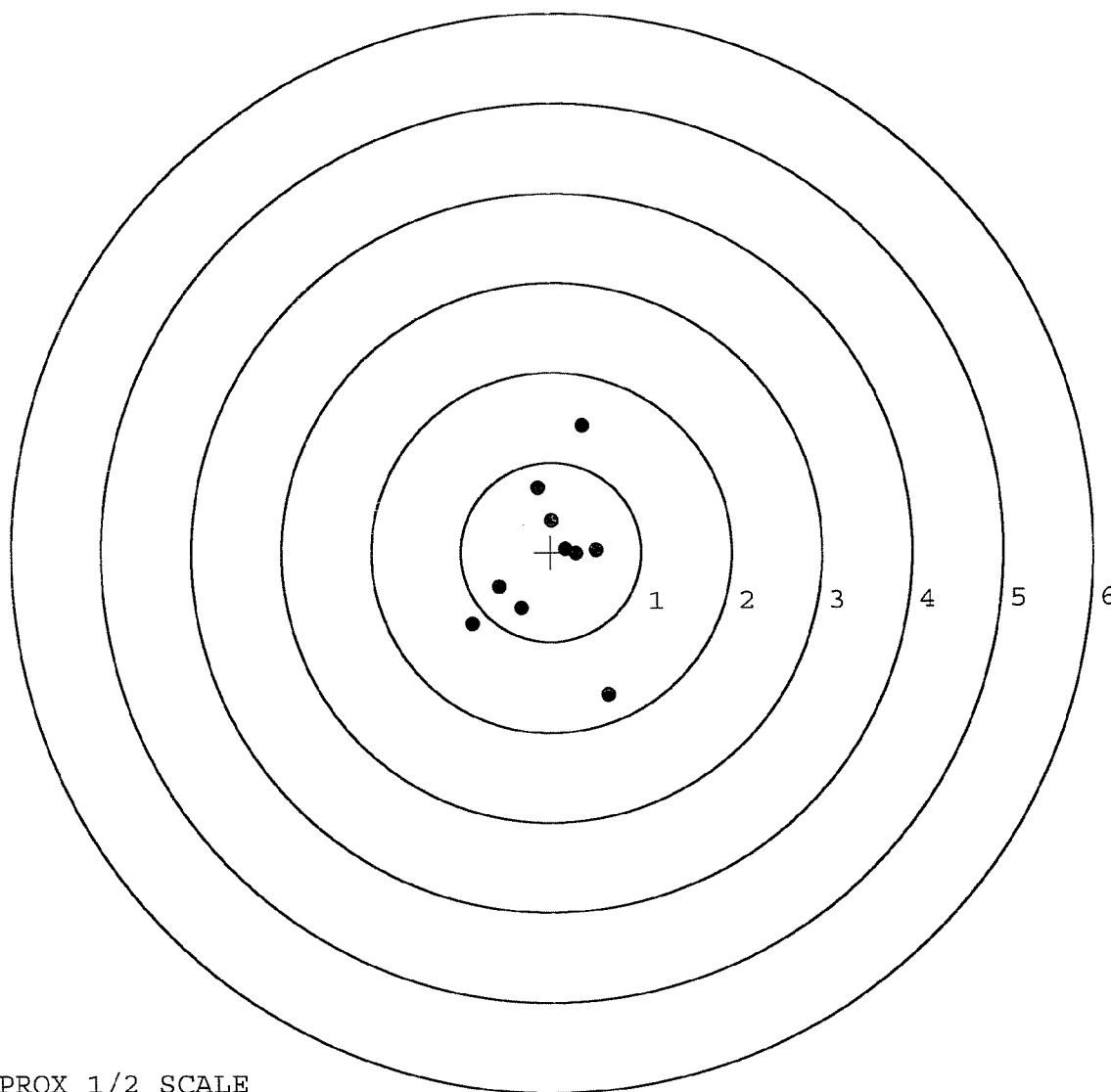
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	-0.091
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.705
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.152
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.215
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: G6300494. __0
 TARGET NUMBER: 1
 FILE DATE: 06/19/2003
 FILE TIME: 07:34

POINT#	X	Y
1:	0.627	-1.589
2:	-0.331	-0.628
3:	-0.577	-0.387
4:	-0.875	-0.802
5:	0.503	0.019
6:	0.283	-0.025
7:	0.161	0.029
8:	0.009	0.352
9:	-0.145	0.718
10:	0.357	1.405

X CENTROID: 0.001
 Y CENTROID: -0.091
 POA TO CENTROID: 0.091
 HORZ SPREAD: 1.502
 VERT SPREAD: 2.994
 GROUP SPREAD: 3.006
 MIN RADIUS: 0.200
 MAX RADIUS: 1.624
 MEAN RADIUS: 0.784
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300494. __0

TARGET NUMBER: 2

FILE DATE: 06/19/2003

FILE TIME: 07:34

POINT#	X	Y
1:	0.128	-0.544
2:	0.111	-0.311
3:	-0.358	-0.549
4:	-0.684	-0.497
5:	0.026	-0.034
6:	-0.635	0.304
7:	-0.132	0.256
8:	0.106	0.270
9:	0.064	0.389
10:	0.071	0.569

X CENTROID: -0.130

Y CENTROID: -0.015

POA TO CENTROID: 0.131

HORZ SPREAD: 0.812

VERT SPREAD: 1.118

GROUP SPREAD: 1.306

MIN RADIUS: 0.157

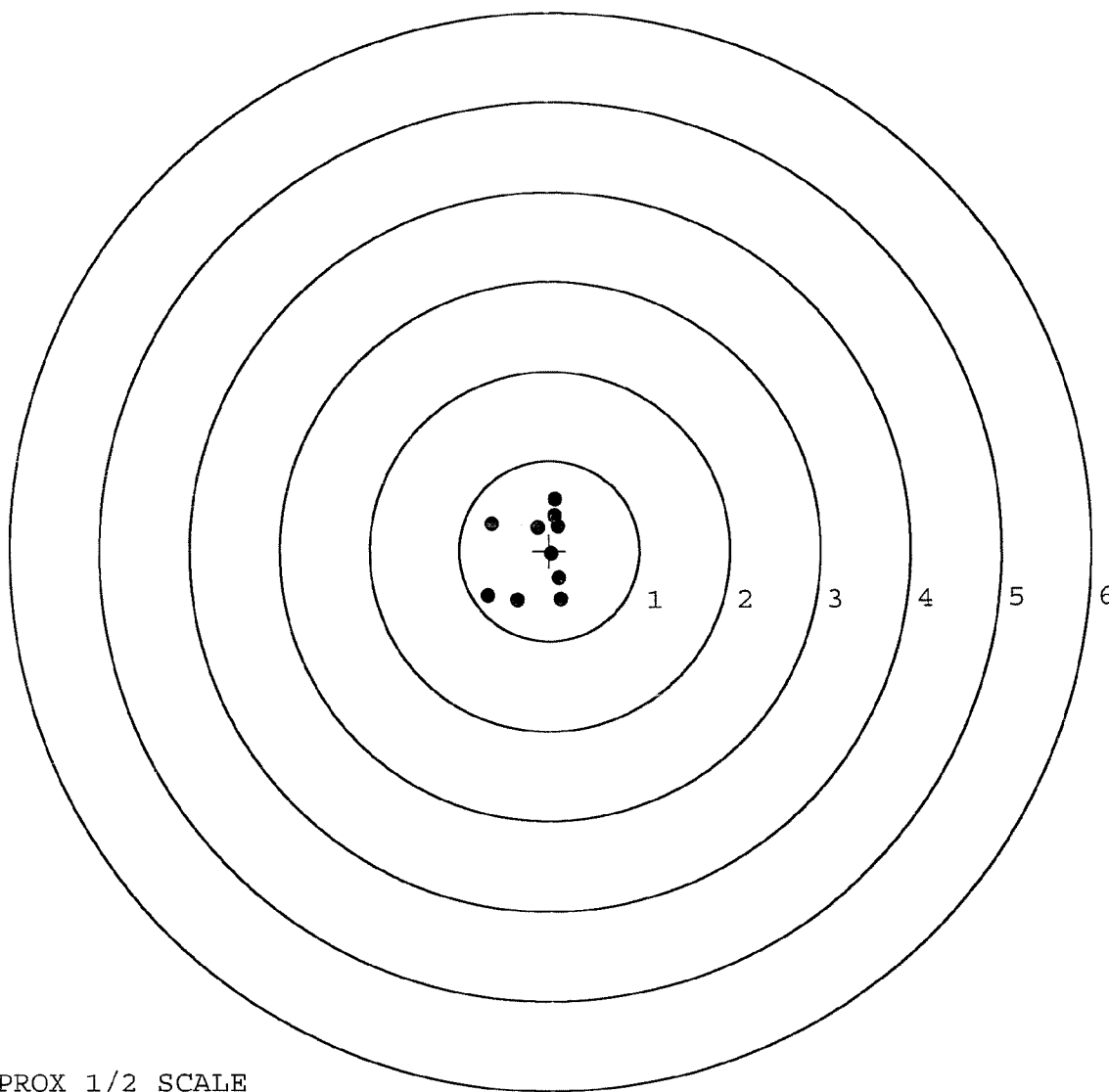
MAX RADIUS: 0.734

MEAN RADIUS: 0.475

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

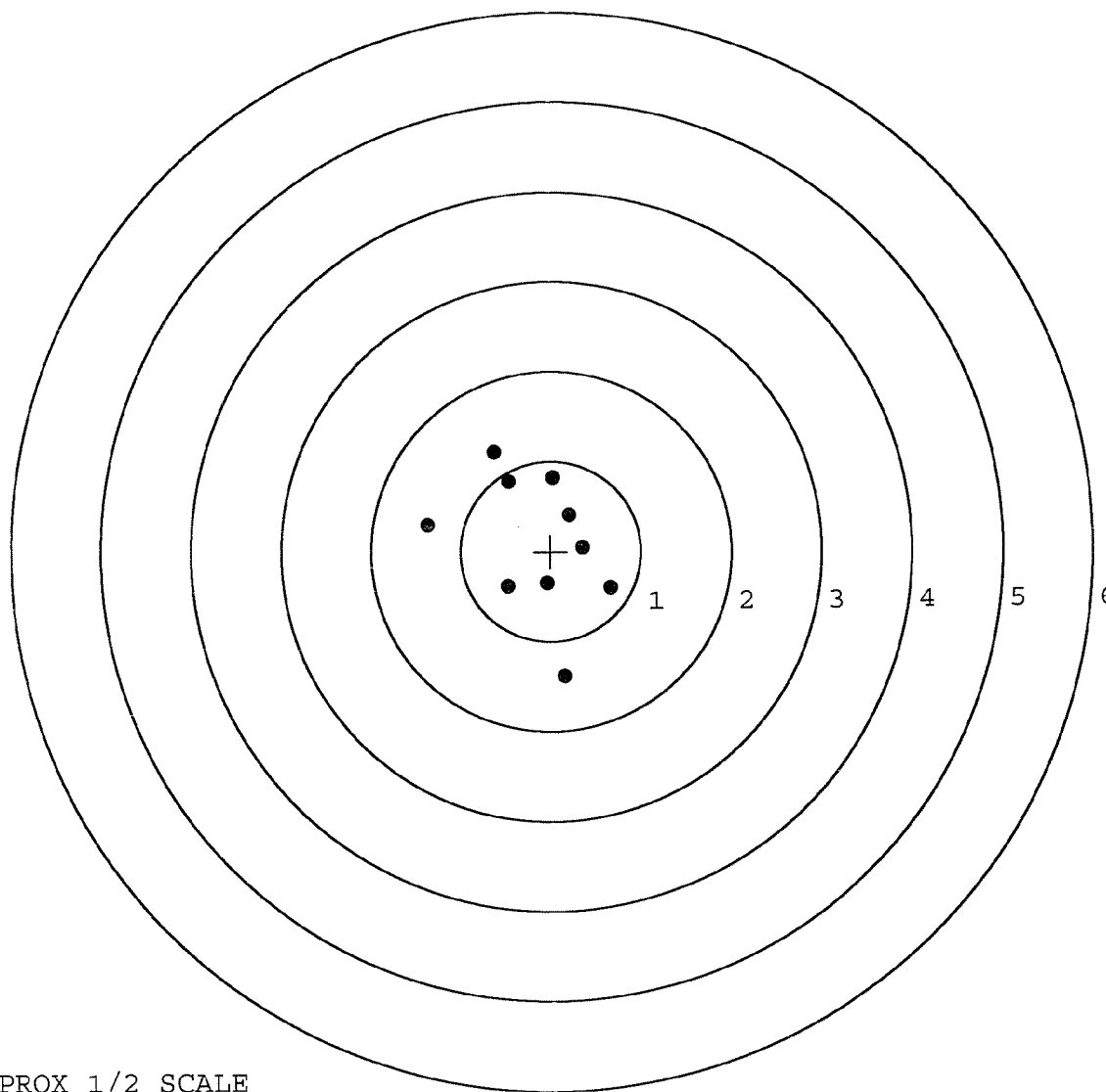


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300494. __ 0
 TARGET NUMBER: 3
 FILE DATE: 06/19/2003
 FILE TIME: 07:34

POINT#	X	Y
1:	0.663	-0.408
2:	0.151	-1.398
3:	-0.041	-0.356
4:	-0.477	-0.388
5:	-1.372	0.301
6:	0.359	0.041
7:	0.210	0.401
8:	0.031	0.819
9:	-0.466	0.774
10:	-0.625	1.103

X CENTROID: -0.157
 Y CENTROID: 0.089
 POA TO CENTROID: 0.180
 HORZ SPREAD: 2.035
 VERT SPREAD: 2.501
 GROUP SPREAD: 2.619
 MIN RADIUS: 0.460
 MAX RADIUS: 1.518
 MEAN RADIUS: 0.837
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300494. __0

TARGET NUMBER: 4

FILE DATE: 06/19/2003

FILE TIME: 07:34

POINT#	X	Y
1:	1.033	-1.356
2:	-0.111	-1.639
3:	0.119	-0.621
4:	0.088	-0.419
5:	0.059	-0.225
6:	0.287	0.713
7:	-0.464	0.572
8:	-0.438	-0.036
9:	-0.188	0.026
10:	0.172	0.001

X CENTROID: 0.056

Y CENTROID: -0.298

POA TO CENTROID: 0.304

HORZ SPREAD: 1.497

VERT SPREAD: 2.352

GROUP SPREAD: 2.441

MIN RADIUS: 0.073

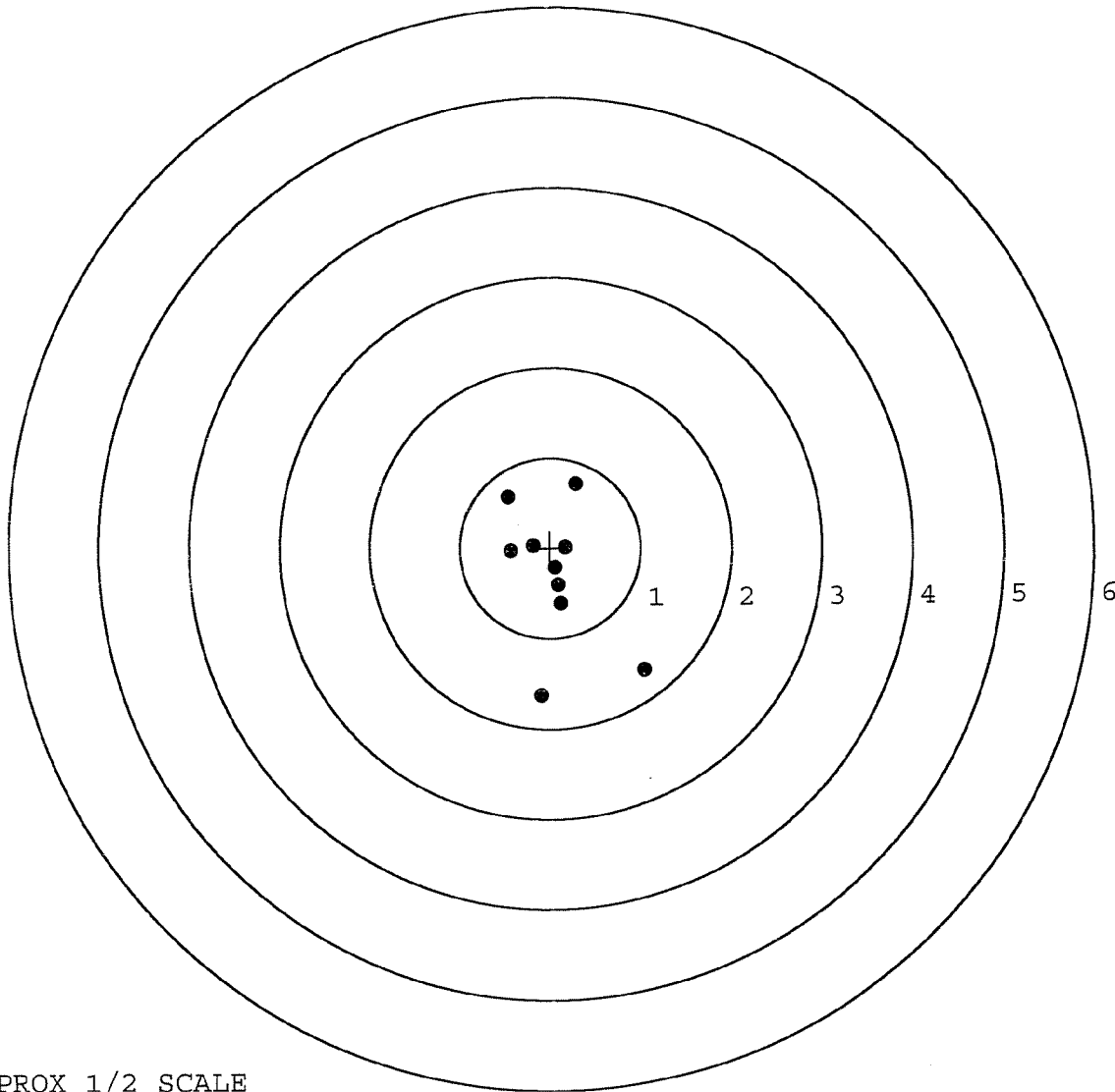
MAX RADIUS: 1.440

MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0161227

SERIAL NUMBER: G6300494. __0

TARGET NUMBER: 5

FILE DATE: 06/19/2003

FILE TIME: 07:34

POINT#	X	Y
1:	1.090	-0.304
2:	0.725	-0.203
3:	0.037	-0.747
4:	-0.124	-0.753
5:	0.060	-0.201
6:	0.242	0.215
7:	-0.272	0.325
8:	-0.764	0.691
9:	-0.845	-0.149
10:	-1.455	-0.271

X CENTROID: -0.131

Y CENTROID: -0.140

POA TO CENTROID: 0.191

HORZ SPREAD: 2.545

VERT SPREAD: 1.444

GROUP SPREAD: 2.545

MIN RADIUS: 0.200

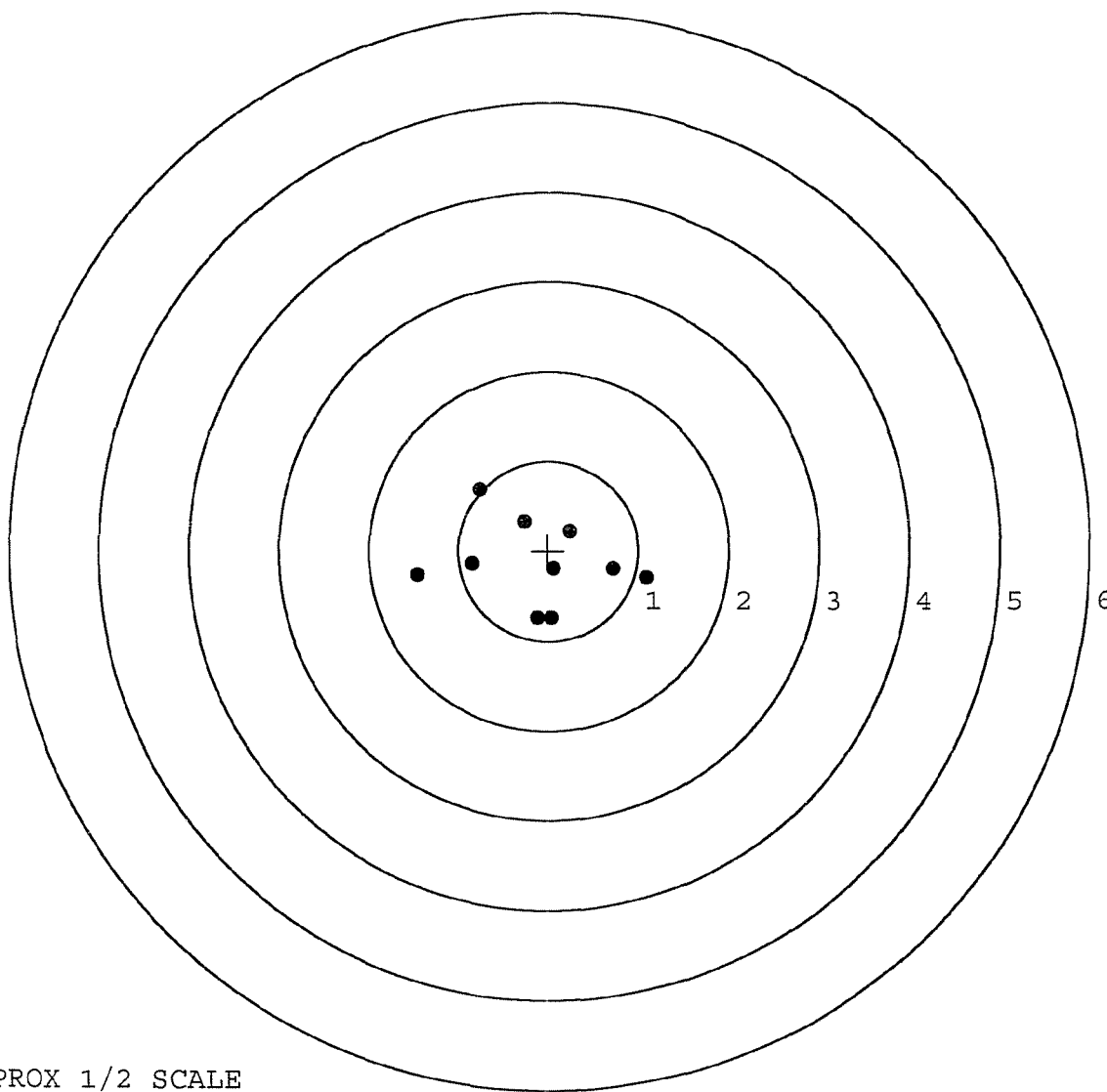
MAX RADIUS: 1.331

MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE