

C6348822

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

Remington[®]



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
C6348822

ORDER NO.
5716

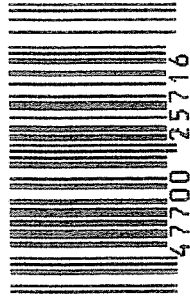
Ø1

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6348822

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348822

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	SS
617	Drill and Tap Sight Holes	7 13	89	FB
618	Polish Barrel <i>REB</i>	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	SS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	1 Aug 89	JS
	G) Safety Off Force	4	4	4	1 Aug 89	JS
	H) Trigger Pull Test & Retainability				1 Aug 89	JS
	I) Firing Pin Indent	.021	.021	.0205	1 Aug 89	JS
	J) Assemble Stock				8/4/89	KL
	K) Assemble Swivel Studs				7 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies				8/4/89	KL
	M) Iron Sight Alignment				8/4/89	KL
	N) Detach Front & Rear Sights & place in numbered container				8/4/89	KL
	O) Attach Scope to Rifle				8/4/89	JS
	P) Detach & Attach Scope 20 Times				8/4/89	JS
640	Gallery Target & Test	115 R	37 L		8-7-89	DH
	A) Time				8-7-89	DH
	B) Malfunctions				8-7-89	DH
	C) Pierced Primers				8-7-89	DH
	D) Optical Clarity of Scope				8-7-89	DH
645	Inspect for Live Ammo				8-7-89	DH
655	Final Inspection				7 Aug 89	JS
	A) Headspace				7 Aug 89	JS
	B) Trigger Pull	293	293	2.95 2.94 2.91	7 Aug 89	JS
	C) Function				7 Aug 89	JS
660	Pack				20 Sept 89	JS

repaired Stock at front Swivel 13 Sept. 89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348822
DATE 11/2/80
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.31	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.33	2.29	
PULL #3	2.32	2.28	2.29	
PULL #4	2.34	2.31	2.28	
PULL #5	2.37	2.28	2.27	
TOTAL	11.96	11.51	11.43	
AVG.	2.39	2.30	2.28	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	3.11	
PULL #2	3.13	3.00	
PULL #3	3.16	3.11	
PULL #4	3.15	3.08	
PULL #5	3.18	3.12	
TOTAL	15.70	15.41	
AVG.	3.14	3.08	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.06		
PULL #2	4.05	4.00		
PULL #3	3.97	3.98		
PULL #4	4.01	3.99		
PULL #5	3.98	4.01		
TOTAL	20.09	20.04		
AVG.	4.02	4.01		

NO DISTANCE CALCULATIONS
OF RIFLE # 06348822
C Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.851127
1 TO	2	.264252
1 TO	3	.707874
1 TO	4	.219447
1 TO	5	.868337

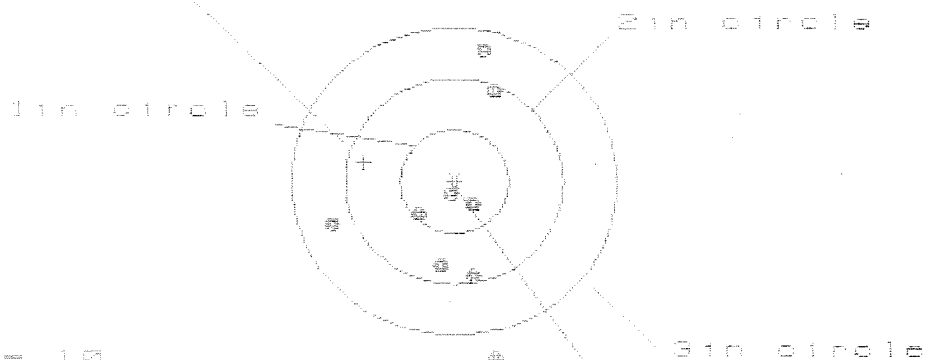
$\frac{1}{5} \sum_{i=1}^5 x_i$ -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .637456

THE AMR FOR THIS RIFLE IS: .9612

CENTERFIRE PATTERNS

1



* OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 1.471

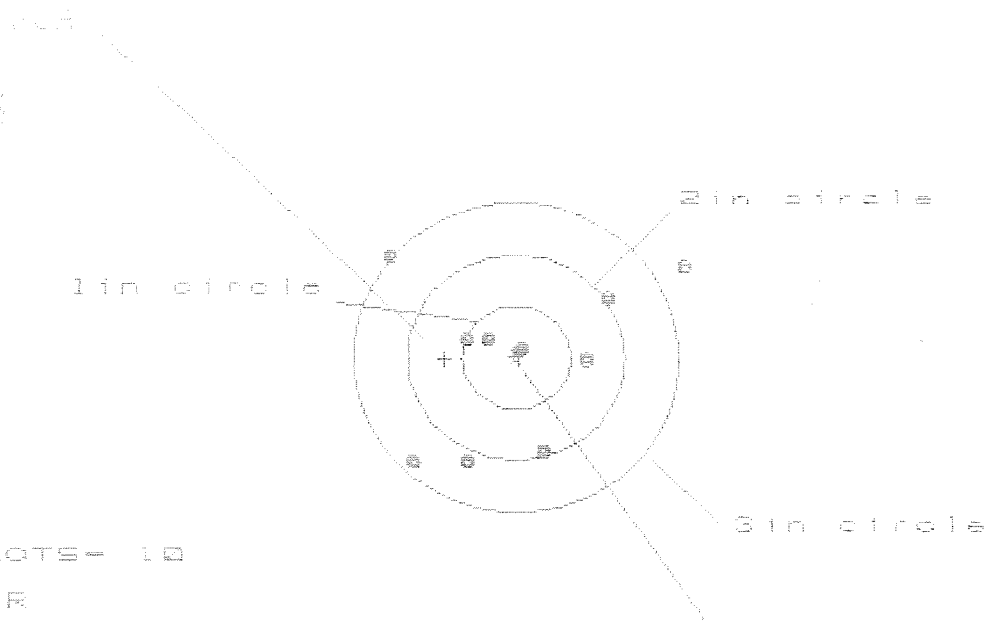
VS= 3.932

GS= 3.932

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.371	.404	.449
MINIMUM X	-1.100	-1.067	-1.022
MAXIMUM Y	2.215	1.482	1.298
MINIMUM Y	-1.717	-1.471	-.869
CENTROID X	.831	.798	.753
CENTROID Y	-.184	-.430	-.246
POA TO CENTROID in.	.851	.906	.792
MIN RADIUS	.079	.176	.043
MEAN RADIUS	.994	.810	.724
MAX RADIUS	2.235	1.519	1.352
HORIZONTAL SPREAD	1.471	1.471	1.471
VERTICAL SPREAD	3.932	2.953	2.167
EXTREME SPREAD	3.932	2.953	2.169
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.674

VS= 2.076

CS= 3.116

CENTROID *

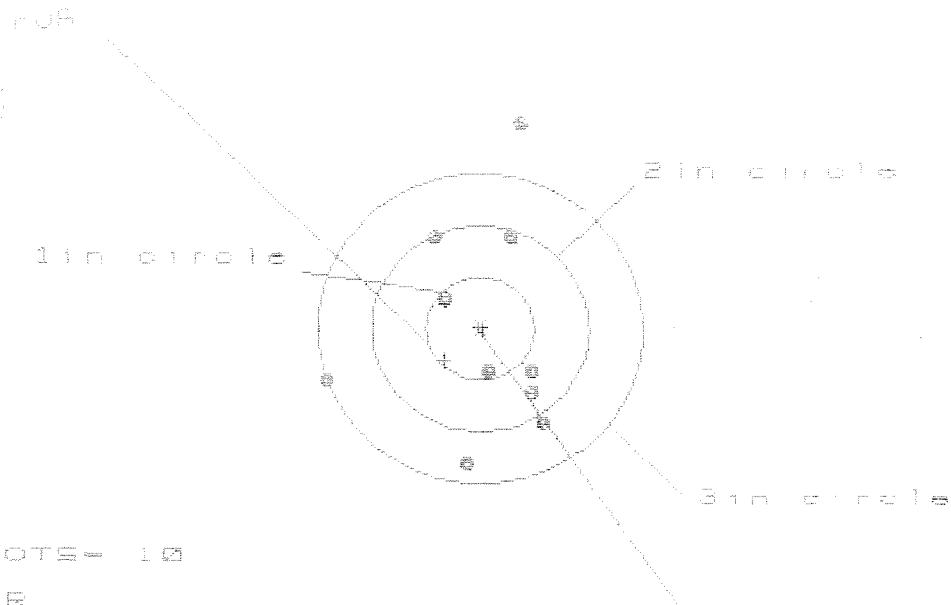
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.498	.992	.865
MINIMUM X	:	-1.176	-1.809	-.932
MAXIMUM Y	:	1.021	1.115	.849
MINIMUM Y	:	-1.855	-.901	-.821
CENTROID X	:	.656	.489	.616
CENTROID Y	:	.014	-.080	-.220
FOR TO CENTROID in.	:	.656	.496	.654
MIN RADIUS	:	.119	.271	.355
MEAN RADIUS	:	.937	.853	.779
MAX RADIUS	:	1.720	1.584	1.242
HORIZONTAL SPREAD	:	2.674	2.001	1.797
VERTICAL SPREAD	:	2.076	2.076	1.670
EXTREME SPREAD	:	3.116	2.453	2.453
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

34

FILE://PATTERNING/CENTERFIRE_PATT/06348822

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.931

VS= 3.274

GS= 3.317

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.557	.600	.434
MINIMUM X	-1.374	-1.331	-1.569
MAXIMUM Y	2.007	1.136	1.103
MINIMUM Y	-1.267	-1.044	-1.077
CENTROID X	.324	.281	.447
CENTROID Y	.310	.087	.121
POA TO CENTROID in.	.449	.294	.463
MIN RADIUS	.434	.255	.239
MEAN RADIUS	1.006	.856	.765
MAX RADIUS	2.044	1.358	1.228
HORIZONTAL SPREAD	1.931	1.931	1.003
VERTICAL SPREAD	3.274	2.180	2.180
EXTREME SPREAD	3.317	2.223	2.223
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

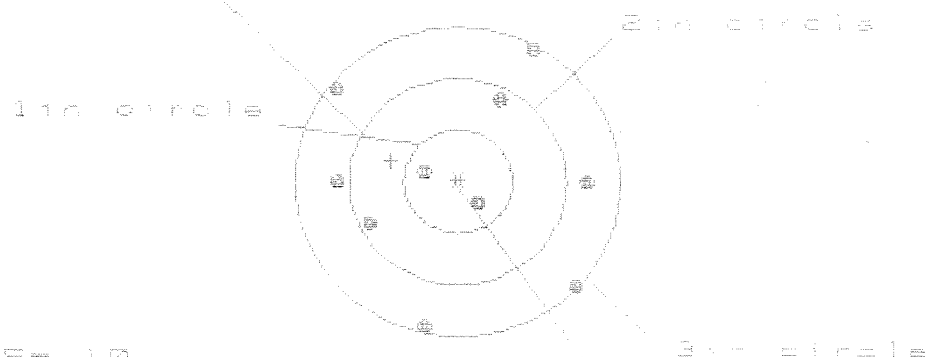
032

FILE: PATTERNING/CENTERFIRE_PATT/03348022

CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.314

VS= 2.694

GS= 2.911

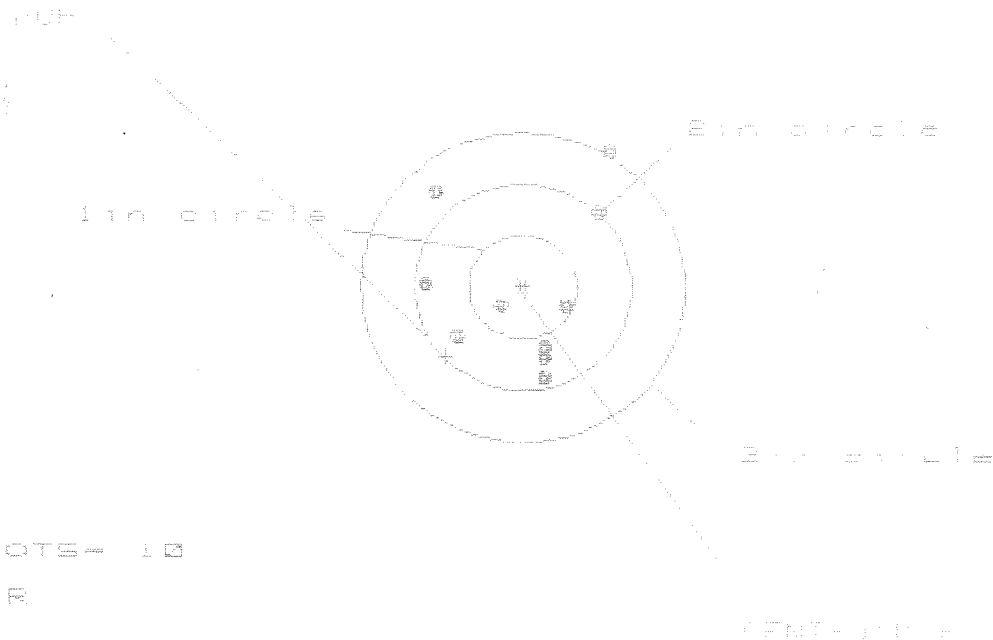
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.169	1.295	1.401
MINIMUM X	-1.145	-1.019	-0.913
MAXIMUM Y	1.283	1.169	.915
MINIMUM Y	-1.411	-1.525	-1.379
CENTROID X	.612	.486	.386
CENTROID Y	-.198	-.084	-.230
FOR TO CENTROID in.	.643	.493	.444
MIN RADIUS	.260	.165	.137
MEAN RADIUS	1.045	.976	.896
MAX RADIUS	1.530	1.535	1.461
HORIZONTAL SPREAD	2.314	2.314	2.314
VERTICAL SPREAD	2.694	2.694	2.254
EXTREME SPREAD	2.911	2.882	2.418
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

1985

FILE: PATTERNING/CLUSTERFIRE PAT: 06048011

CLUSTERFIRE PATTERNS # 3



OF SHOTS- 10
IN CIR
1in = 2
2in = 7
3in = 9
HS= 1.679
VS= 2.197
GS= 2.268

PATTERN #	3	4	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.794	.755	.669
MINIMUM X	-.885	-.797	-.883
MAXIMUM Y	1.297	1.027	1.020
MINIMUM Y	-.900	-.756	-.627
CENTROID X	.704	.616	.702
CENTROID Y	.675	.531	.402
FOR TO CENTROID in.	.975	.813	.909
MIN RADIUS	.231	.075	.189
MEAN RADIUS	.824	.700	.605
MAX RADIUS	1.521	1.237	1.220
HORIZONTAL SPREAD	1.679	1.552	1.552
VERTICAL SPREAD	2.197	1.783	1.647
EXTREME SPREAD	2.268	2.047	1.953
NUMBER IN ONE INCH CIRCLE =	2	3	4
NUMBER IN TWO INCH CIRCLE =	7	7	7
NUMBER IN THREE INCH CIRCLE =	9	9	9

RECEIVING AND ESTIMATING REPORT

INITIAL JIM		CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER W/LEUPOLD 10X SCOPE			
DATE RECEIVED 10/29/90	DATE OPENED 10/29/90	DATE CODE	SERIAL NUMBER C6348822	MODEL AND GRADE 700 7.62 NATO		ORDER R 90-28397	
ACCESSORIES HARD CASE							

FROM:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

Repaired per Government Maintenance Letter 90-6

MAIN FAULT

*90-6
11/1/90*

PARTS						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400039081

COPY 3

M2400039082

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: RE00131873

Serial: C6348822 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/30/2007 10:56:07 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: A CO 1/10SF BN

A CO 1/10SF BN

Address 1: PANZER KASERNE

PANZER KASERNE

Address 2: APO

PO Box:

APO

PO Box:

City: WHD940

WHD940

State: AE

Zip Code: 09107

Country: IT

State: AE

Zip Code: 09107

Country: IT

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
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/30/2007

12:49 PM

CAPS

NUM

INS

SCRL

start

4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...

12:49 PM

Serial Number: C6348822

Model: M24 SWS



RE00131873

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

R & E NUMBER 131873

SERIAL NUMBER C6348822

LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	9-14-07	mm
605	CHECK HEADSPACE	9-14-07	mm
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	9-18-07	NRB
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	LD
620	APPLY COATINGS	9-21-07	RB
625	FINAL ASSEMBLY	9-26-07	RTZ
640	FUNCTION TEST AND	9-26-07	TRW
650	TARGET	9-26-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-26-07	BWD
	A) HEADSPACE	9-27-07	mm
	B) TRIGGER PULL	9-27-07	mm
		3.54 2.54 2.59 2.64 2.64 9-27-07	DA
680	F) SAFETY ON FORCE	3.50 3.25 3.75 9-27-07	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5 9-27-07	DA
	I) FIRING PIN INDENT	.022 .022 .023 9-27-07	DA
690	PACK	10-4-07	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348822.___0
FILE DATE AND TIME: 09/27/2007 05:38

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:	0.186
The Average Point of Impact of the Five Target Set:	0.200
The Average Mean Radius of the Five Target Set:	1.021
The Distance from POA to Centroid Target #1:	0.031
The Distance from Centroid Target #2 to Centroid Target #1:	0.640
The Distance from Centroid Target #3 to Centroid Target #1:	0.465
The Distance from Centroid Target #4 to Centroid Target #1:	0.006
The Distance from Centroid Target #5 to Centroid Target #1:	0.063

SERIAL NUMBER: C6348822. __0

TARGET NUMBER: 1

FILE DATE: 09/27/2007

FILE TIME: 05:38

POINT#	X	Y
--------	---	---

1:	1.827	0.112
----	-------	-------

2:	1.803	-0.145
----	-------	--------

3:	1.069	0.020
----	-------	-------

4:	0.571	-0.286
----	-------	--------

5:	-1.001	-0.877
----	--------	--------

6:	-0.296	-0.330
----	--------	--------

7:	-0.085	-0.058
----	--------	--------

8:	-0.358	0.172
----	--------	-------

9:	-1.570	0.450
----	--------	-------

10:	-1.648	0.902
-----	--------	-------

X CENTROID: 0.031

Y CENTROID: -0.004

POA TO CENTROID: 0.031

HORZ SPREAD: 3.475

VERT SPREAD: 1.779

GROUP SPREAD: 3.606

MIN RADIUS: 0.128

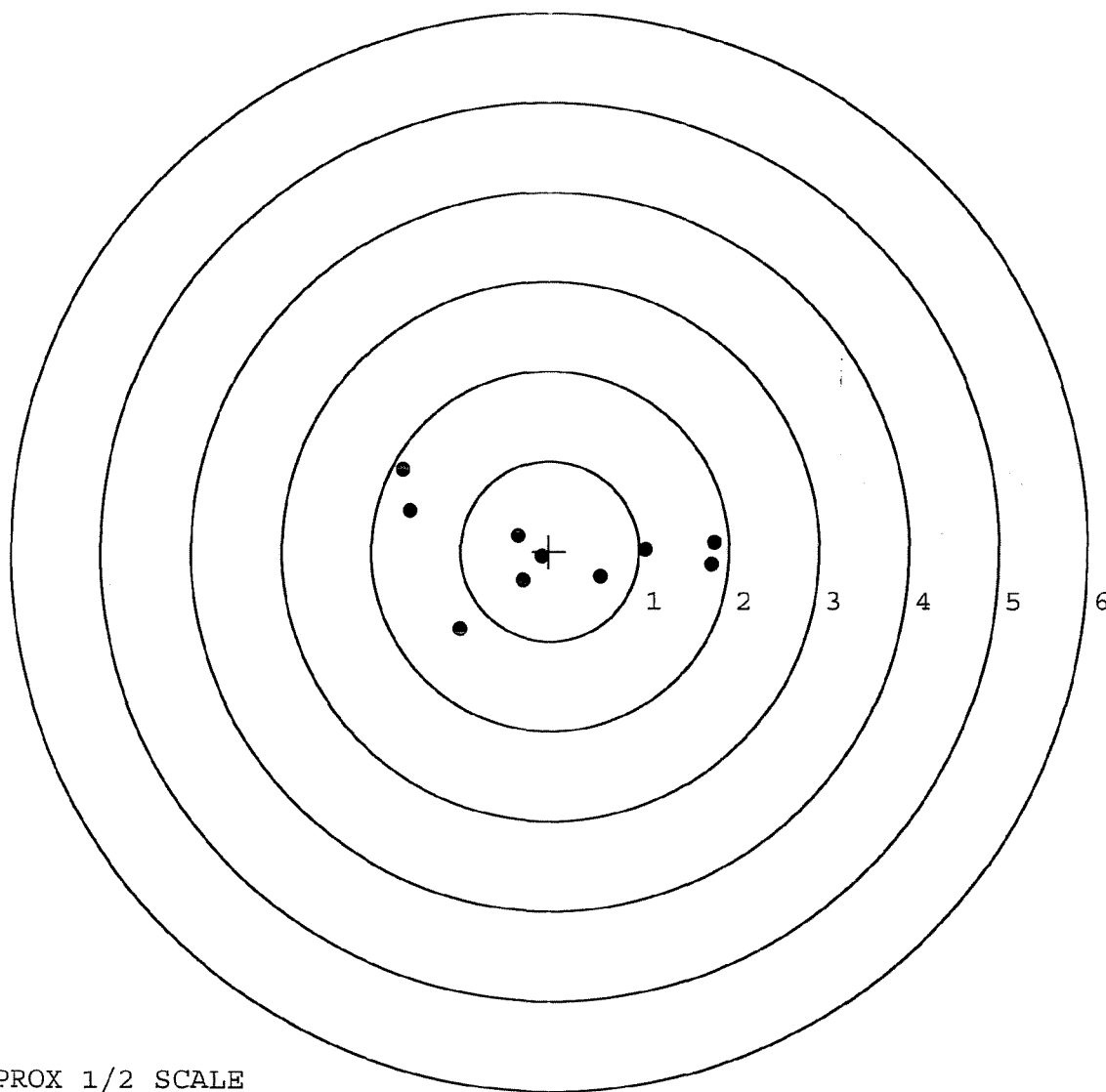
MAX RADIUS: 1.908

MEAN RADIUS: 1.117

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348822. 0

TARGET NUMBER: 2

FILE DATE: 09/27/2007

FILE TIME: 05:38

POINT#	X	Y
--------	---	---

1:	-0.465	-1.128
----	--------	--------

2:	-0.312	-0.632
----	--------	--------

3:	-0.374	-0.295
----	--------	--------

4:	0.240	-0.408
----	-------	--------

5:	0.444	-0.030
----	-------	--------

6:	0.501	0.820
----	-------	-------

7:	-0.430	1.480
----	--------	-------

8:	-0.436	1.823
----	--------	-------

9:	-1.399	1.331
----	--------	-------

10:	-1.080	2.274
-----	--------	-------

X CENTROID: -0.331

Y CENTROID: 0.523

POA TO CENTROID: 0.619

HORZ SPREAD: 1.900

VERT SPREAD: 3.402

GROUP SPREAD: 3.457

MIN RADIUS: 0.820

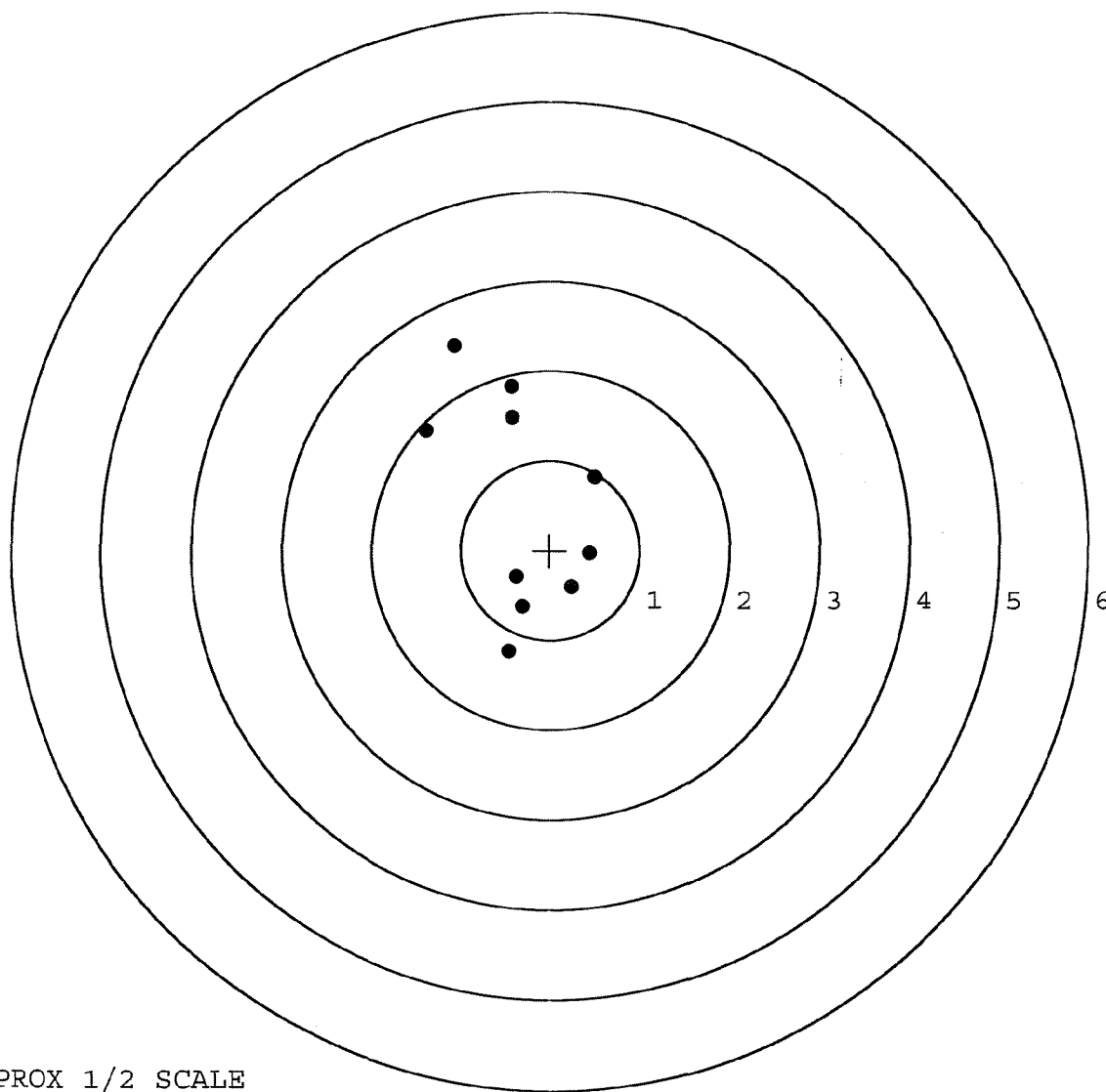
MAX RADIUS: 1.904

MEAN RADIUS: 1.207

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

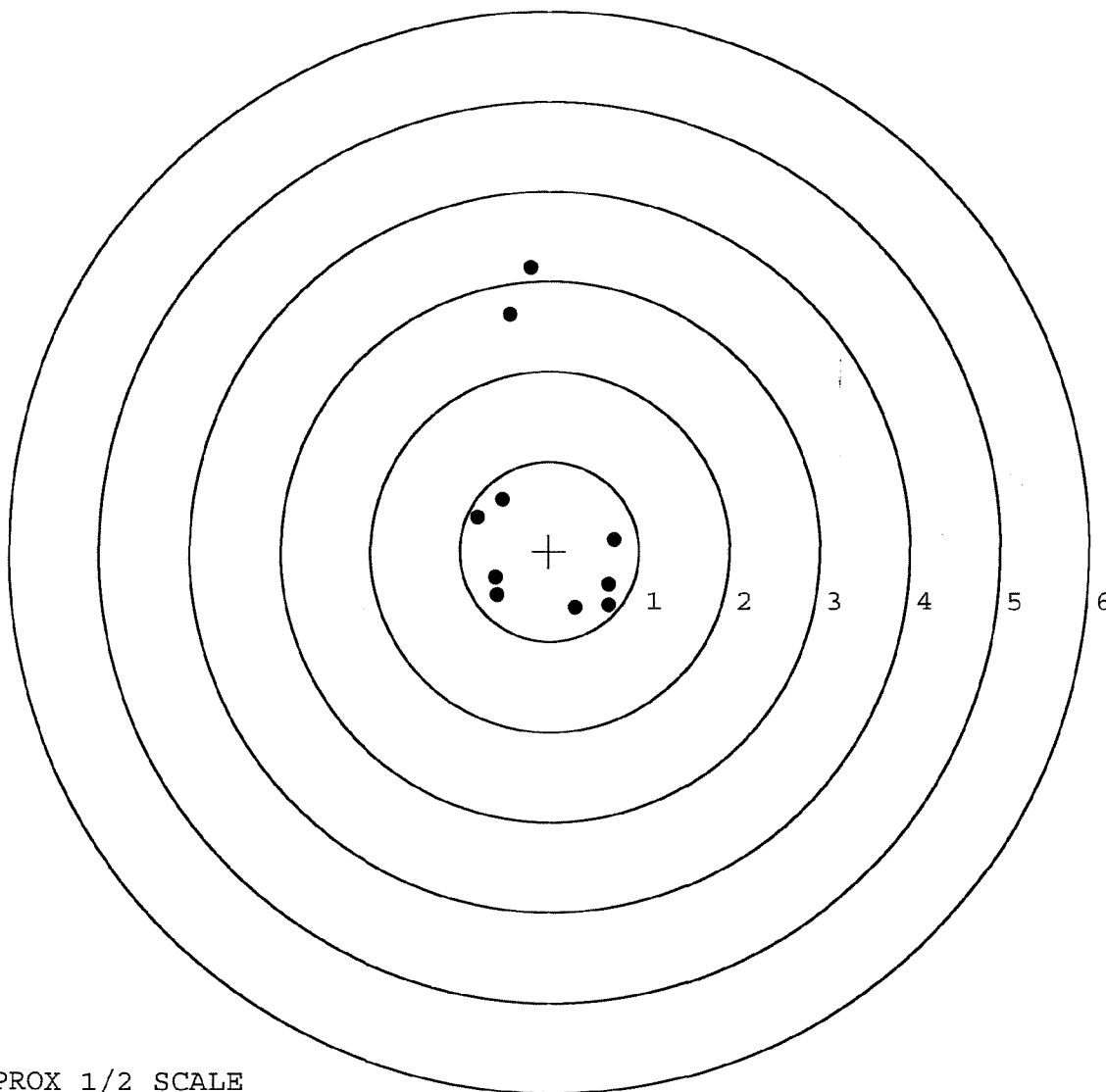


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348822.___0
TARGET NUMBER: 3
FILE DATE: 09/27/2007
FILE TIME: 05:38

X CENTROID: -0.085
Y CENTROID: 0.446
POA TO CENTROID: 0.454
HORZ SPREAD: 1.522
VERT SPREAD: 3.783
GROUP SPREAD: 3.860
MIN RADIUS: 0.464
MAX RADIUS: 2.710
MEAN RADIUS: 1.248
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.291	-0.630
2:	0.664	-0.606
3:	0.660	-0.370
4:	0.716	0.127
5:	-0.583	-0.492
6:	-0.604	-0.297
7:	-0.806	0.379
8:	-0.531	0.574
9:	-0.444	2.626
10:	-0.212	3.153

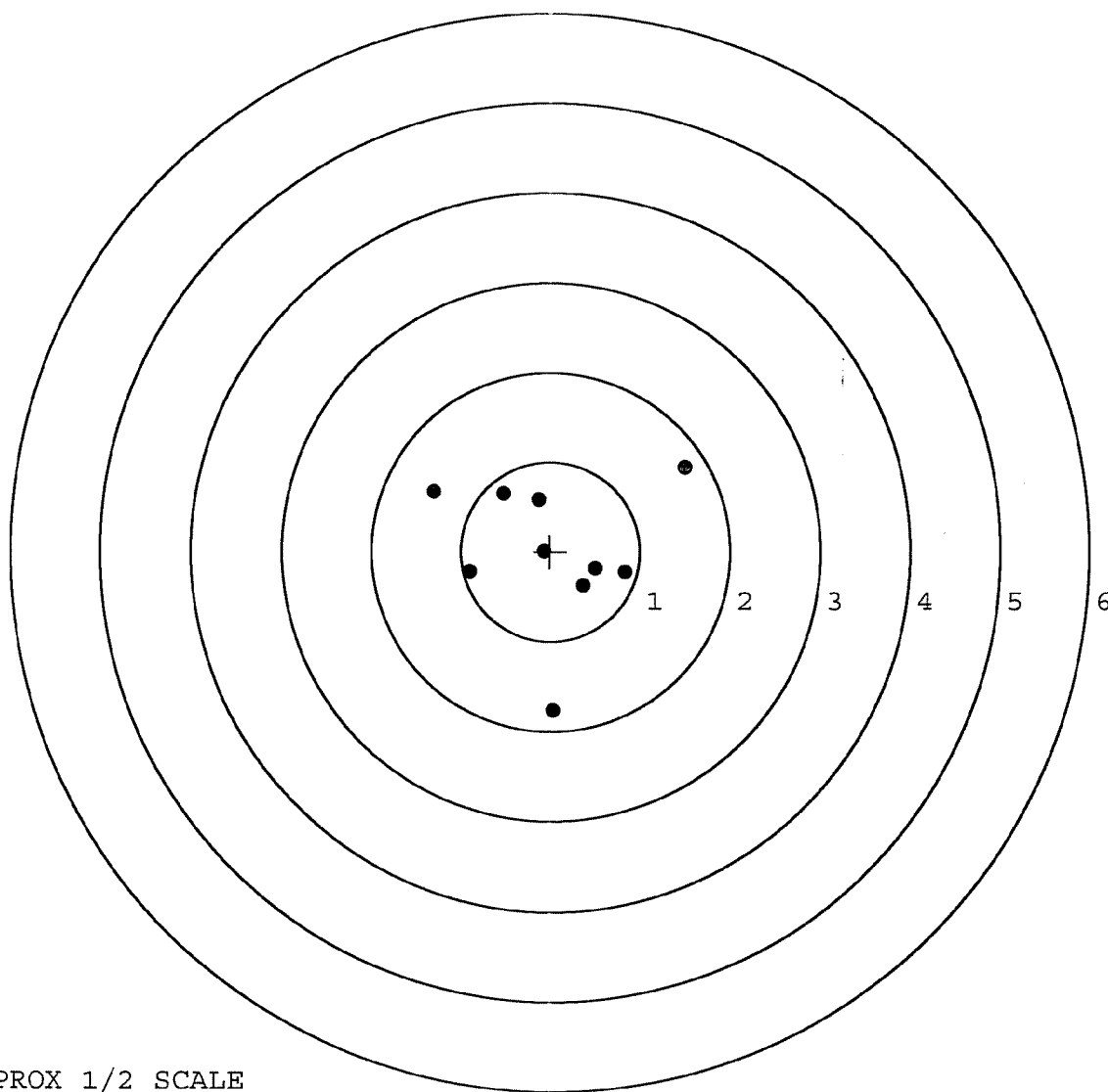


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348822.____0
TARGET NUMBER: 4
FILE DATE: 09/27/2007
FILE TIME: 05:38

POINT#	X	Y
1:	0.836	-0.229
2:	0.505	-0.191
3:	0.367	-0.386
4:	-0.072	0.005
5:	-0.901	-0.229
6:	-0.129	0.577
7:	-0.523	0.642
8:	-1.305	0.665
9:	1.499	0.942
10:	0.035	-1.777

X CENTROID: 0.031
Y CENTROID: 0.002
POA TO CENTROID: 0.031
HORZ SPREAD: 2.804
VERT SPREAD: 2.719
GROUP SPREAD: 3.088
MIN RADIUS: 0.103
MAX RADIUS: 1.779
MEAN RADIUS: 0.938
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348822. __0

TARGET NUMBER: 5

FILE DATE: 09/27/2007

FILE TIME: 05:38

POINT#	X	Y
1:	0.988	-0.039
2:	0.775	-0.335
3:	0.394	-0.292
4:	-0.111	-0.668
5:	0.012	0.506
6:	-0.878	0.374
7:	-0.601	0.114
8:	-0.021	0.078
9:	-0.411	-0.175
10:	-0.356	0.051

X CENTROID: -0.021

Y CENTROID: -0.039

POA TO CENTROID: 0.044

HORZ SPREAD: 1.866

VERT SPREAD: 1.174

GROUP SPREAD: 1.911

MIN RADIUS: 0.117

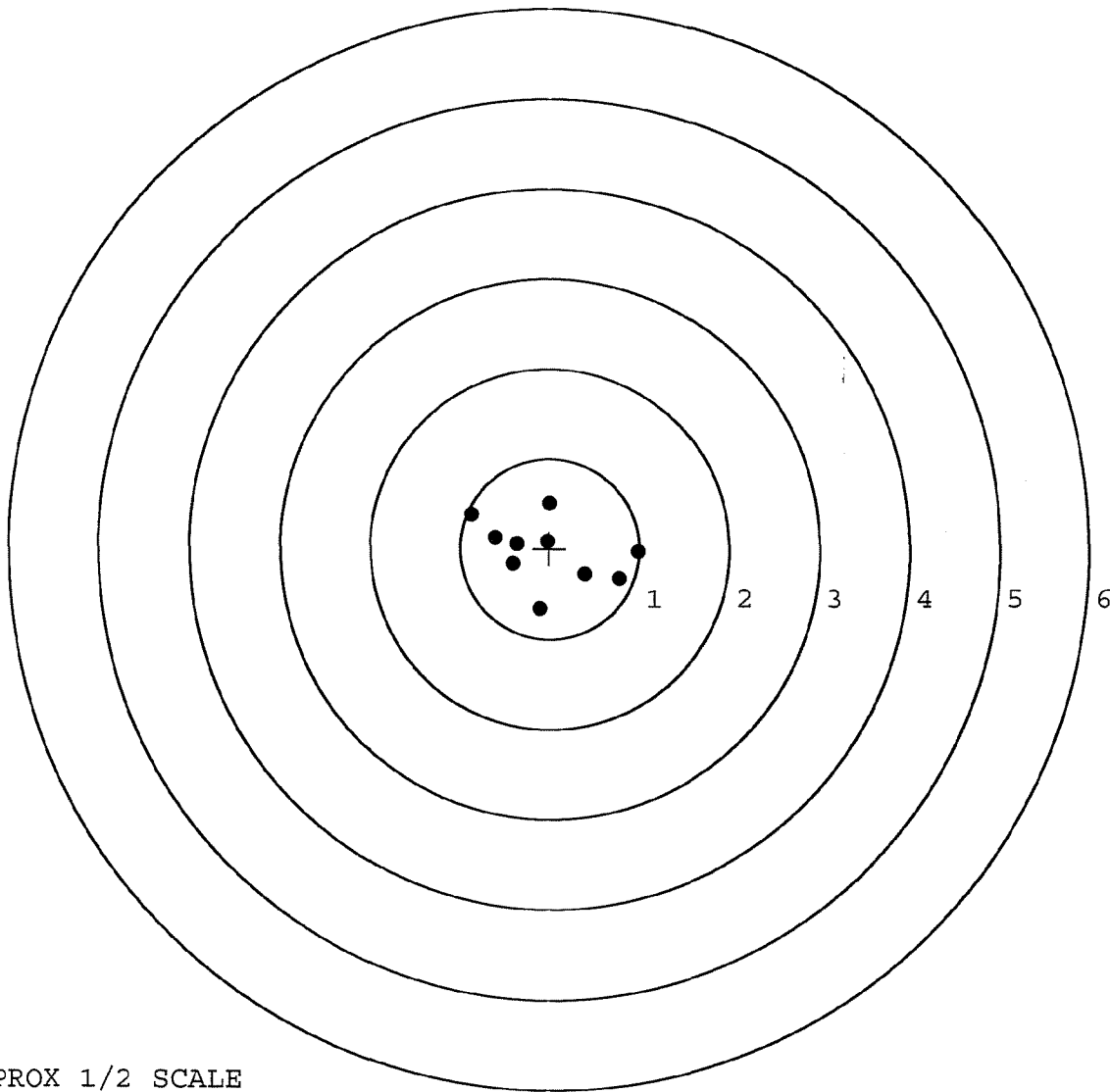
MAX RADIUS: 1.009

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE