

C6348924

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

M2400041771

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

5010 02/2000

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
 C6348924

ORDER NO.
 5716

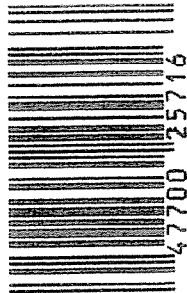
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348924

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348924

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 21 89	RW
600	Proof		7 21 89	RW
607	Check Headspace		7 21 89	RW
610	Dis-assemble Gun		7 21 89	RW
612	Magnaflux Barrel Action		7/25/89	K.R.
	Magnaflux Bolt		7/25/89	K.R.
615	Rollmark Caliber		7/25/89	Q.S.
.7	Drill and Tap Sight Holes		7/27/89	CWC
618	Polish Barrel RB		7/31/89	CWB
620	Apply Coatings (Barrel Action)		8/2/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/10/89	J. U

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/11/89	AO
	G) Safety Off Force	4	4	3			8/11/89	JA
	H) Trigger Pull Test & Retainability						8/11/89	AO
	I) Firing Pin Indent	.20	.20	.20			8/11/89	JA
	J) Assemble Stock						8/15/89	RW
	K) Assemble Swivel Studs						23 Aug 89	JA
	L) Attach Front and Rear Sight Assemblies						8/15/89	RW
	M) Iron Sight Alignment						8/15/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/15/89	RW
	O) Attach Scope to Rifle						8/15/89	JA
	P) Detach & Attach Scope 20 Times						8/15/89	JA
640	Gallery Target & Test	61 R	93 L				8-18-89	DH
	A) Time						8-18-89	DH
	B) Malfunctions						8-18-89	DH
	C) Pierced Primers						8-18-89	DH
	D) Optical Clarity of Scope						8-18-89	DH
645	Inspect for Live Ammo						8-18-89	DH
655	Final Inspection							
	A) Headspace						23 Aug 89	JS
	B) Trigger Pull	222	233	236	229	238	23 Aug 89	JS
	C) Function						23 Aug 89	JS
660	Pack						20 Sep 89	JS

Repaired Stock at Front Swivel
9/13/89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6349097

DATE 10/10/89

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	227	241	243	260	MIN. SETTING,
PULL #2	267	274	237	247	NO AVG. OF 5
PULL #3	256	240	227	246	READINGS ACCEPT-
PULL #4	254	236	244	257	ABLE LESS THAN 2#
PULL #5	219	236	240	245	
TOTAL	1223	1183	1181	1255	
AVG.	2446	2366	2362	251	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS	
PULL #1	350	320		
PULL #2	357	326		
PULL #3	355	329		
PULL #4	362	333		
PULL #5	365	336		
TOTAL	1789	1644		
AVG.	3578	3288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	421	394		415
PULL #2	430	388		423
PULL #3	405	396		422
PULL #4	422	412		397
PULL #5	427	414		408
TOTAL	2105	2004		2065
AVG.	421	4008		413

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348924
21 Aug 1989

CENTROIDAL DISTANCES

0 TO 1 .386999
1 TO 2 .462069
1 TO 3 .305367
1 TO 4 .0783901
1 TO 5 .4278

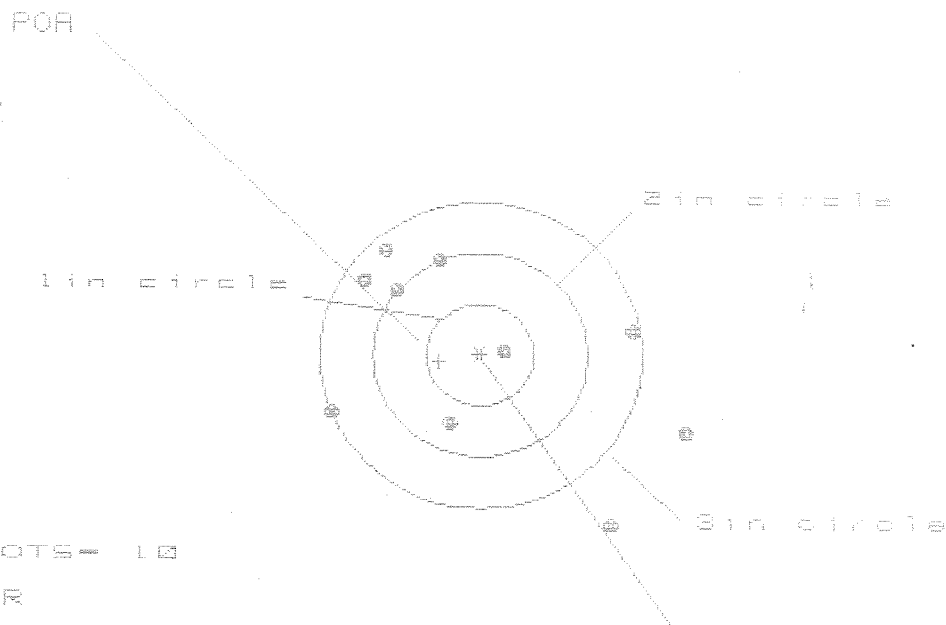
+4⁵₂ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .498
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .035
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .499228
THE AMR FOR THIS RIFLE IS: 1.08

16 Aug 1989

FILE: \PATTERNS\CENTERFIRE_PAT1\08346824

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.264

VS = 2.649

CS = 3.386

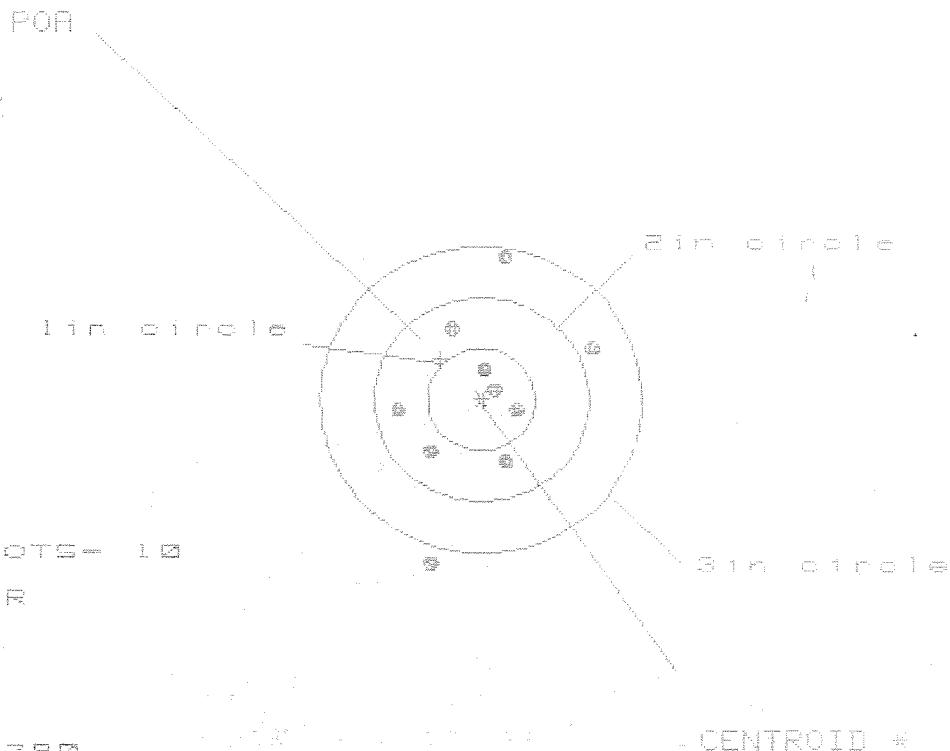
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.930	1.526	1.800
MINIMUM X	:	-1.334	-1.119	-1.945
MAXIMUM Y	:	1.033	.949	.737
MINIMUM Y	:	-1.616	-1.700	-.956
CENTROID X	:	.382	.167	-.007
CENTROID Y	:	.062	.146	.358
POA TO CENTROID in.	:	.387	.222	.358
MIN RADIUS	:	.237	.450	.540
MEAN RADIUS	:	1.259	1.137	.949
MAX RADIUS	:	2.071	2.197	1.801
HORIZONTAL SPREAD	:	3.264	2.745	2.745
VERTICAL SPREAD	:	2.649	2.649	1.693
EXTREME SPREAD	:	3.386	3.351	2.865
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/09340924

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HE= 1.790

VS= 0.004

CS= 0.079

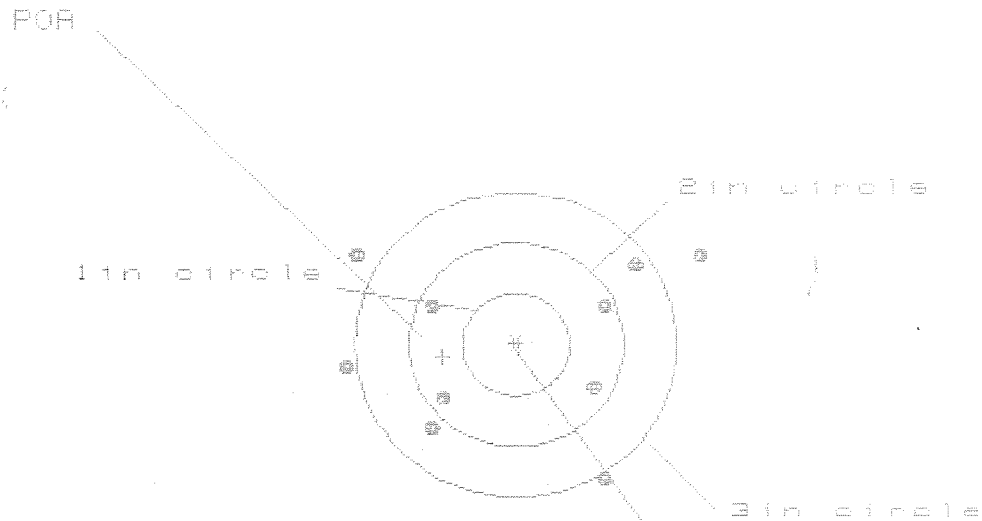
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.003	.952	.974
MINIMUM X	-.787	-.838	-.816
MAXIMUM Y	1.360	1.177	.646
MINIMUM Y	-1.644	-.738	-.591
CENTROID X	.374	.425	.403
CENTROID Y	-.400	-.217	-.364
POA TO CENTROID in.	.548	.477	.543
MIN RADIUS	.212	.080	.168
MEAN RADIUS	.782	.654	.585
MAX RADIUS	1.706	1.190	1.064
HORIZONTAL SPREAD	1.790	1.790	1.790
VERTICAL SPREAD	3.004	1.915	1.237
EXTREME SPREAD	3.079	2.019	1.865
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348924

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.298

VS= 2.243

GS= 3.501

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.737

1.273

1.117

MINIMUM X

-1.561

-1.368

-1.524

MAXIMUM Y

.915

.933

1.045

MINIMUM Y

-1.327

-1.225

-1.109

CENTROID X

.682

.489

.645

CENTROID Y

.119

.017

-.099

POA TO CENTROID in.

.692

.489

.653

MIN RADIUS

.810

.636

.691

MEAN RADIUS

1.270

1.168

1.109

MAX RADIUS

1.964

1.576

1.530

HORIZONTAL SPREAD

3.298

2.641

2.641

VERTICAL SPREAD

2.243

2.158

2.154

EXTREME SPREAD

3.501

3.094

2.856

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

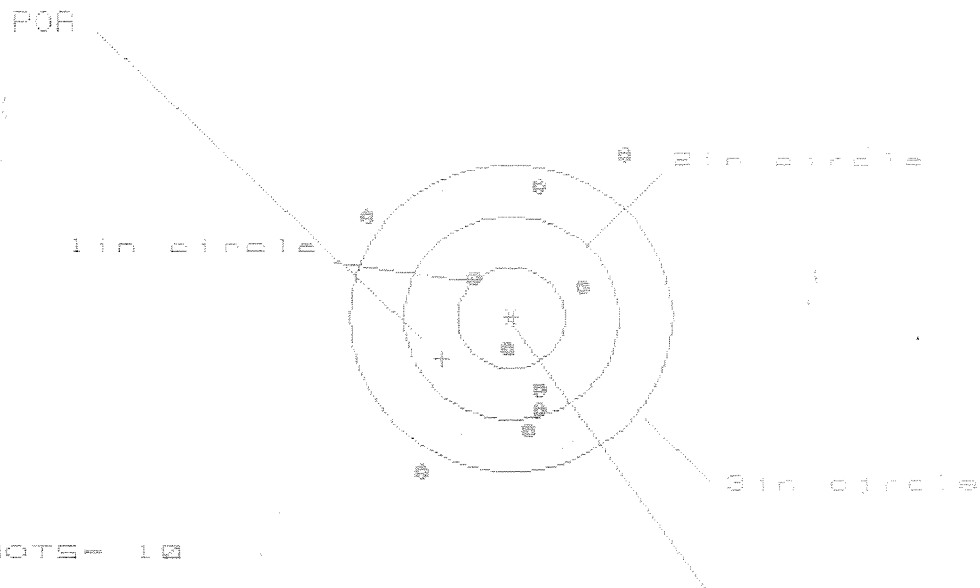
NUMBER IN THREE INCH CIRCLE =

6

18 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B924

CENTERFIRE PATTERNS # 5



+ CF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HE= 2.491

VS= 3.065

GS= 3.637

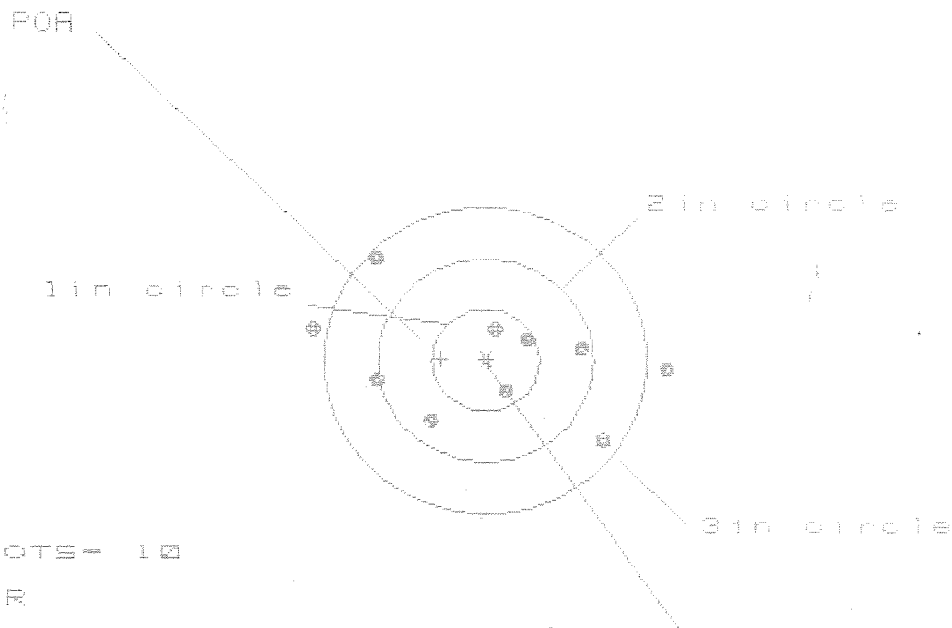
CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	.752	.594
MINIMUM X	:	-1.386	-1.264	-.888
MAXIMUM Y	:	1.582	1.441	1.589
MINIMUM Y	:	-1.483	-1.307	-1.159
CENTROID X	:	.639	.517	.574
CENTROID Y	:	.404	.228	.088
POA TO CENTROID in.	:	.756	.566	.679
MIN RADIUS	:	.306	.129	.114
MEAN RADIUS	:	1.105	.986	.848
MAX RADIUS	:	1.929	1.735	1.603
HORIZONTAL SPREAD	:	2.491	2.016	1.483
VERTICAL SPREAD	:	3.065	2.748	2.748
EXTREME SPREAD	:	3.637	2.958	2.958
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_FATT/CA948929

CENTERFIRE PATTERNS. # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.280

VS= 1.802

GS= 3.303

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.654	-1.246	-1.066
MINIMUM X	:	-1.626	-1.442	-1.047
MAXIMUM Y	:	.999	.989	1.024
MINIMUM Y	:	-.802	-.813	-.778
CENTROID X	:	.413	.229	.489
CENTROID Y	:	-.010	.000	-.035
POA TO CENTROID in.	:	.413	.229	.411
MIN RADIUS	:	.316	.402	.300
MEAN RADIUS	:	.983	.922	.815
MAX RADIUS	:	1.657	1.488	1.465
HORIZONTAL SPREAD	:	3.280	2.688	2.113
VERTICAL SPREAD	:	1.802	1.802	1.862
EXTREME SPREAD	:	3.303	2.903	2.777
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

Aims 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: **RE00038556** Serial: C6348924 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS WOGS 14 of 18 Repairman: Status: Closed 1/2/02 9:07:05 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BCD 3RD SFG A** **BCD 3RD SFG A**

Address 2: **PO Box:** **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

PFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 3818**

Fax:

Email:

Comments:

Received Condition

Fail

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

Repair Search Refresh Close

1/2/02 10:23 AM CAPS NUM NS SCFL

Start Info... Calc... Scan SW Tsr Ar... Print 10:23 AM

Serial Number: **C6348924**

Model: **700**



RE00038556

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

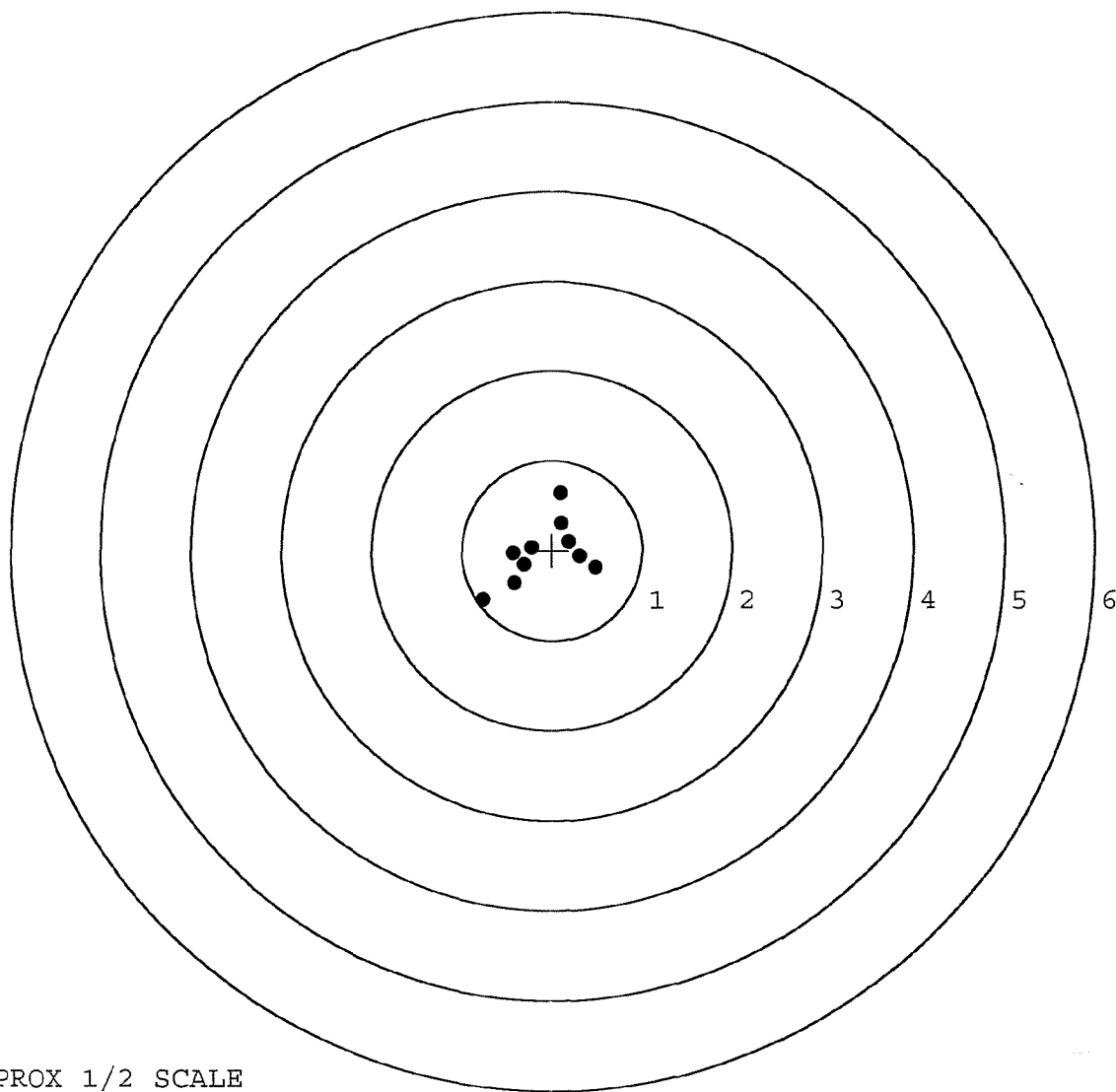
FIREARM SERIAL NUMBER / DATASET NAME: C6348924.___0
FILE DATE AND TIME: 01/11/2002 04:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	-0.046
The Average Point of Impact of the Five Target Set:	0.057
The Average Mean Radius of the Five Target Set:	0.468
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #2 to Centroid Target #1:	0.454
The Distance from Centroid Target #3 to Centroid Target #1:	0.115
The Distance from Centroid Target #4 to Centroid Target #1:	0.166
The Distance from Centroid Target #5 to Centroid Target #1:	0.145

SERIAL NUMBER: C6348924. __0
TARGET NUMBER: 1
FILE DATE: 01/11/2002
FILE TIME: 04:27

	POINT#	X	Y
	1:	-0.764	-0.553
	2:	-0.420	-0.369
	3:	-0.308	-0.165
	4:	-0.431	-0.038
X CENTROID:	5:	-0.228	0.033
Y CENTROID:	6:	0.094	0.636
POA TO CENTROID:	7:	0.106	0.306
HORZ SPREAD:	8:	0.183	0.094
VERT SPREAD:	9:	0.311	-0.062
GROUP SPREAD:	10:	0.481	-0.191
MIN RADIUS:		0.145	
MAX RADIUS:		0.847	
MEAN RADIUS:		0.445	
# IN 1 IN DIAMETER:		7	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348924. 0

TARGET NUMBER: 2

FILE DATE: 01/11/2002

FILE TIME: 04:27

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

1:	-0.391	0.904
----	--------	-------

2:	-0.310	-0.697
----	--------	--------

3:	0.208	-0.485
----	-------	--------

4:	0.011	-0.327
----	-------	--------

5:	0.231	-0.182
----	-------	--------

6:	-0.046	-0.102
----	--------	--------

7:	0.700	-0.711
----	-------	--------

8:	0.914	-0.928
----	-------	--------

9:	0.860	-0.753
----	-------	--------

10:	0.096	-0.198
-----	-------	--------

X CENTROID: 0.227

Y CENTROID: -0.348

POA TO CENTROID: 0.416

HORZ SPREAD: 1.305

VERT SPREAD: 1.832

GROUP SPREAD: 2.249

MIN RADIUS: 0.138

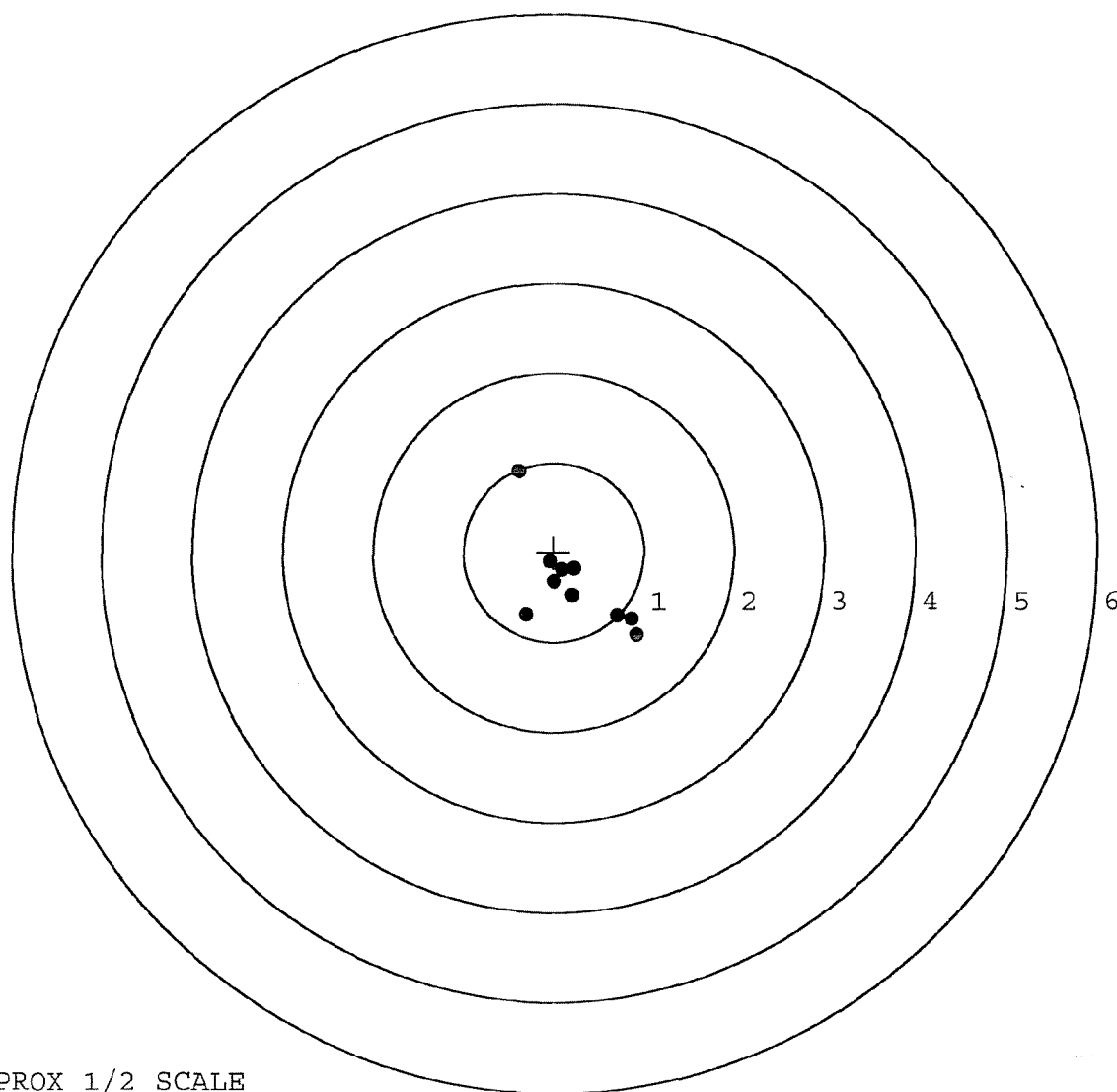
MAX RADIUS: 1.396

MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 5

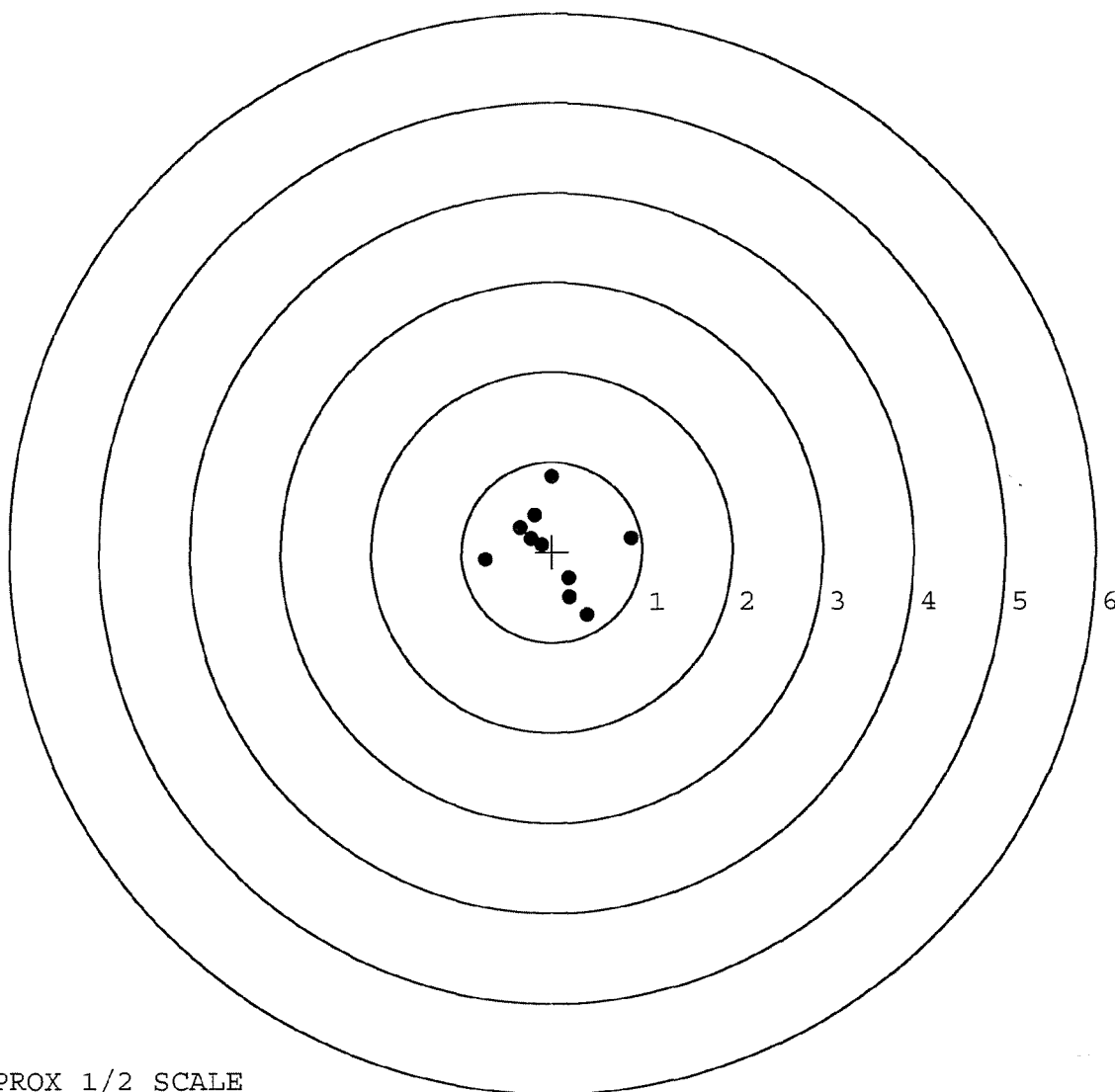
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348924. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.879	0.149
FILE DATE: 01/11/2002	2:	0.388	-0.697
FILE TIME: 04:27	3:	0.195	-0.501
	4:	0.190	-0.287
X CENTROID: 0.001	5:	-0.738	-0.090
Y CENTROID: 0.030	6:	0.001	0.837
POA TO CENTROID: 0.030	7:	-0.194	0.404
HORZ SPREAD: 1.617	8:	-0.360	0.264
VERT SPREAD: 1.534	9:	-0.240	0.145
GROUP SPREAD: 1.635	10:	-0.115	0.074
MIN RADIUS: 0.124			
MAX RADIUS: 0.886			
MEAN RADIUS: 0.544			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348924. __0

TARGET NUMBER: 4

FILE DATE: 01/11/2002

FILE TIME: 04:27

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

1:	-0.524	0.408
----	--------	-------

2:	-0.480	0.226
----	--------	-------

3:	-0.295	0.083
----	--------	-------

4:	0.005	0.523
----	-------	-------

5:	0.145	0.359
----	-------	-------

6:	0.518	0.189
----	-------	-------

7:	0.262	0.165
----	-------	-------

8:	0.117	-0.104
----	-------	--------

9:	0.045	-0.393
----	-------	--------

10:	0.210	-0.423
-----	-------	--------

X CENTROID: 0.000

Y CENTROID: 0.103

POA TO CENTROID: 0.103

HORZ SPREAD: 1.042

VERT SPREAD: 0.946

GROUP SPREAD: 1.109

MIN RADIUS: 0.238

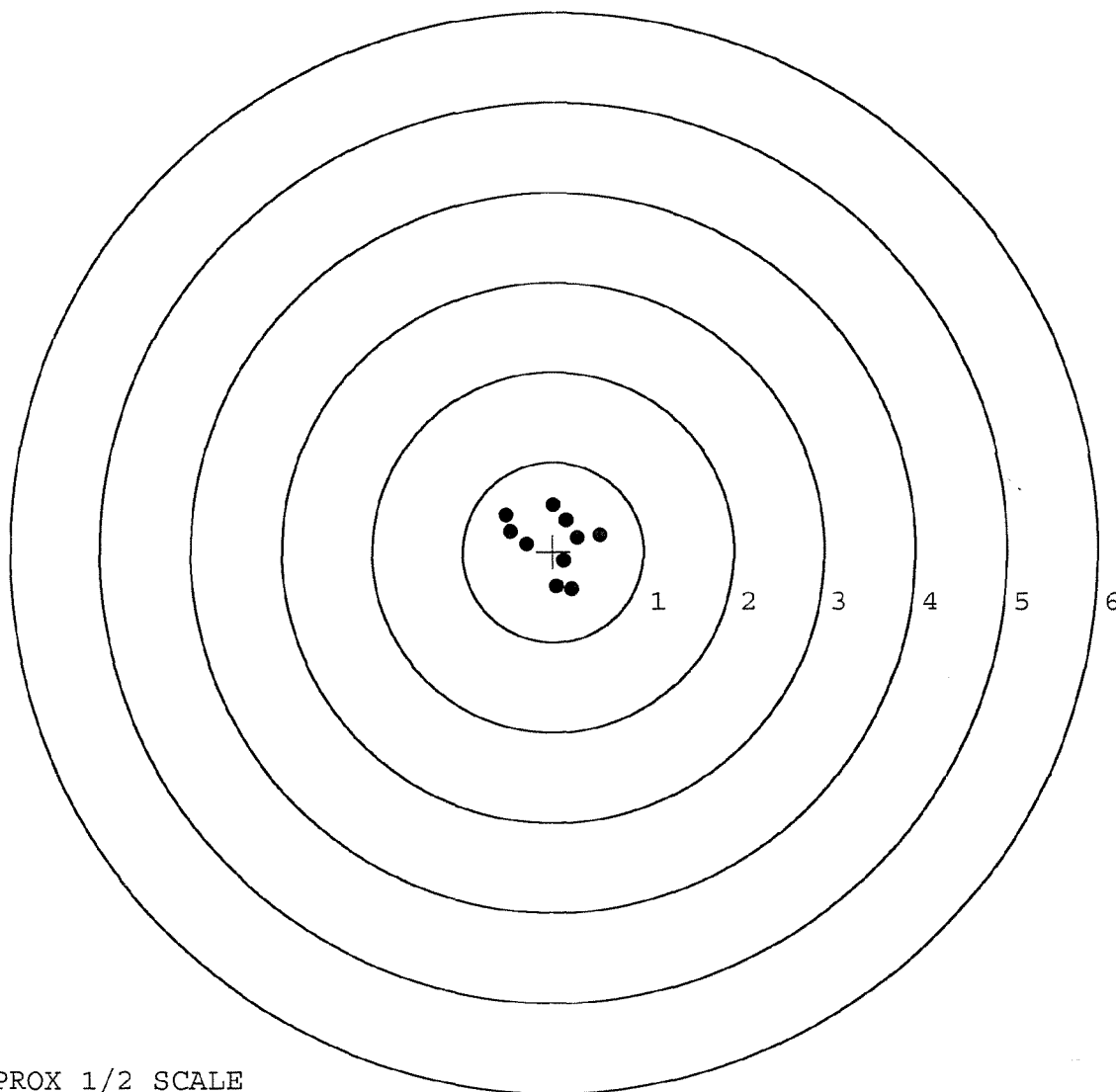
MAX RADIUS: 0.606

MEAN RADIUS: 0.421

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348924.____0

TARGET NUMBER: 5

FILE DATE: 01/11/2002

FILE TIME: 04:27

POINT#	X	Y
1:	-0.310	0.634
2:	-0.497	0.114
3:	-0.252	-0.224
4:	0.489	-0.618
5:	0.539	0.194
6:	0.338	0.129
7:	0.119	0.182
8:	0.002	-0.022
9:	0.151	-0.088
10:	-0.177	-0.150

X CENTROID: 0.040

Y CENTROID: 0.015

POA TO CENTROID: 0.043

HORZ SPREAD: 1.036

VERT SPREAD: 1.252

GROUP SPREAD: 1.485

MIN RADIUS: 0.053

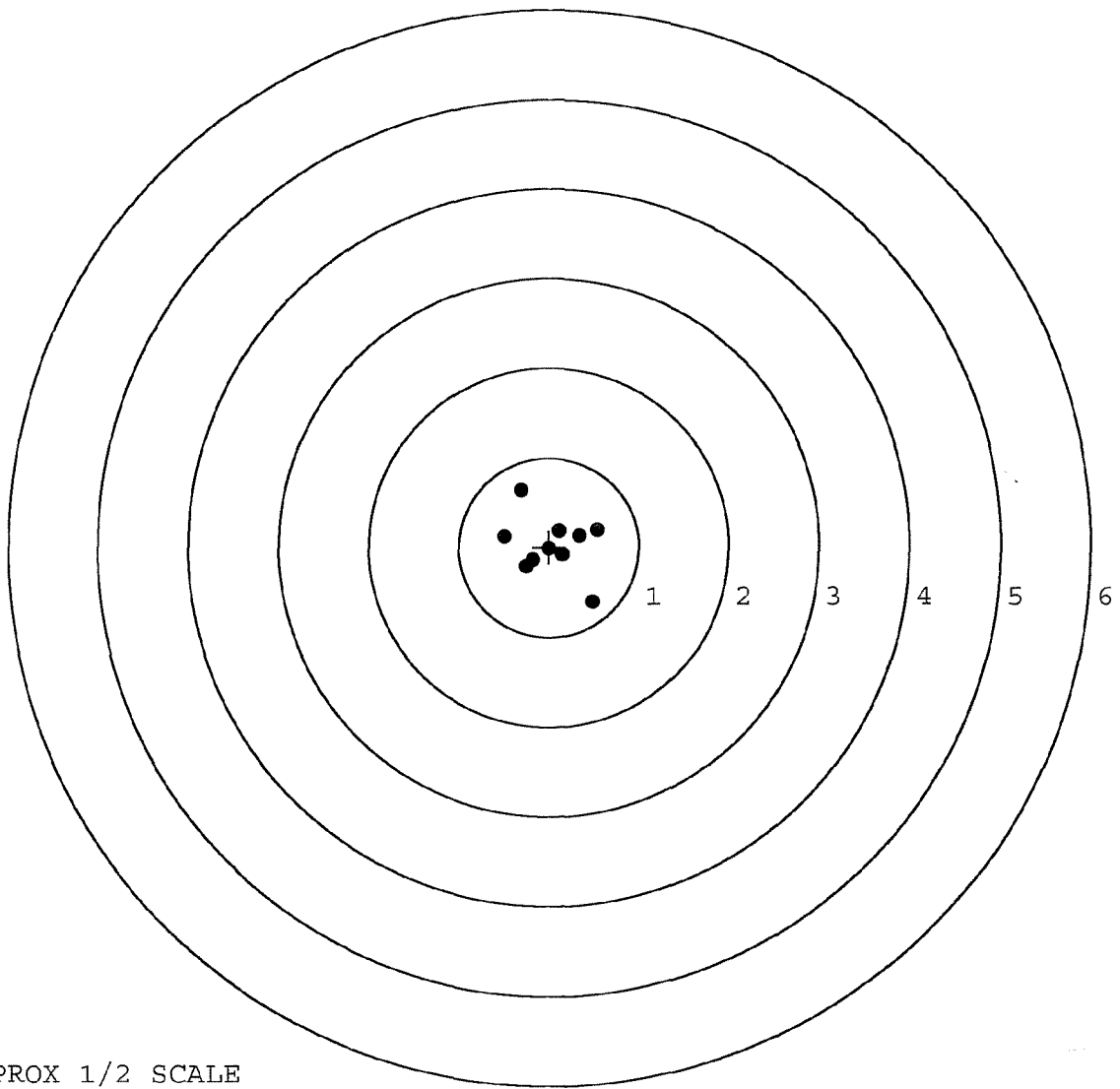
MAX RADIUS: 0.776

MEAN RADIUS: 0.392

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>R38556</u>			
SERIAL NUMBER <u>C6348924</u>			
LOG-IN DATE <u>1/2/02</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1/2/02	RW
560 A	RE-BARREL AT CUSTOM SHOP	1/3/02	BWT
B	DRILL AND TAP	1/3/02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AL
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	OPERATOR <u>AL</u>	
615	ROLLMARK CALIBER	1-7-02	AB
618	ROTO-BLAST	1/7	SO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	PTL
B	TRIGGER PULL TEST	↑	
C	SAFETY "ON" FORCE	NA	
D	SAFETY "OFF" FORCE	↓	
E	FIRING PIN INDENT		
640	TARGET	1-11-02	AC
655	FINAL INSPECT	1-12-02	PTL
660	PACK	1-13-02	PTL
		SHIP DATE	
		QAR INSPECTION DATE	