

C6225483

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington[®]

Remington®



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

MODEL 700™ M24

SERIAL NO.

C6225483

ORDER NO.

5716

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

20



5716 C6225483

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225483

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		4/22/88	WPC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-12-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/20/89	RW
	C) Inspect Ejector Hole for Chamfer		1/20/89	RW
	D) Oil Firing Pin Ass'y		1/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/20/89	JS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	6	5	5			25 Jan 89	JS
	G) Safety Off Force	3	3	3			25 Jan 89	JS
	H) Trigger Pull Test & Retainability						20 Jan 89	JS
	I) Firing Pin Indent	.0205	.0205	.021			25 Jan 89	JS
	J) Assemble Stock						1/26/89	RW
	K) Assemble Swivel Studs						31 Jan 89	JS
	L) Attach Front and Rear Sight Assemblies						1/26/89	RW
	M) Iron Sight Alignment						1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						27 Jan 89	JS
640	Gallery Target & Test	55 R	100 L				1-28-89	A
	A) Time						"	A
	B) Malfunctions			NONE			"	A
	C) Pierced Primers			NONE			"	A
	D) Optical Clarity of Scope			OK			"	A
645	Inspect for Live Ammo			NONE			"	A
655	Final Inspection							
	A) Headspace						31 Jan 89	JS
	B) Trigger Pull	2.25	2.29	2.27	2.26	2.25	31 Jan 89	JS
	C) Function						31 Jan 89	JS
660	Pack						27 Jan 89	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. 6225453

DATE 4/10/90

TESTER PR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.34	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.18	2.17	
PULL #3	2.39	2.31	2.27	
PULL #4	2.35	2.29	2.09	
PULL #5	2.26	2.30	2.19	
TOTAL	11.78	11.42	10.96	
AVG.	2.36	2.28	2.19	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.14	3.01	
PULL #2	3.15	3.10	
PULL #3	3.14	3.11	
PULL #4	3.16	3.11	
PULL #5	3.06	3.09	
TOTAL	15.65	15.42	
AVG.	3.13	3.08	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.10		
PULL #2	4.12	4.19		
PULL #3	4.12	4.20		
PULL #4	4.16	4.18		
PULL #5	4.11	4.15		
TOTAL	20.66	20.82		
AVG.	4.13	4.16		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225483
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.218692
1 TO	2	.686493
1 TO	3	.145344
1 TO	4	.0596657
1 TO	5	.824416

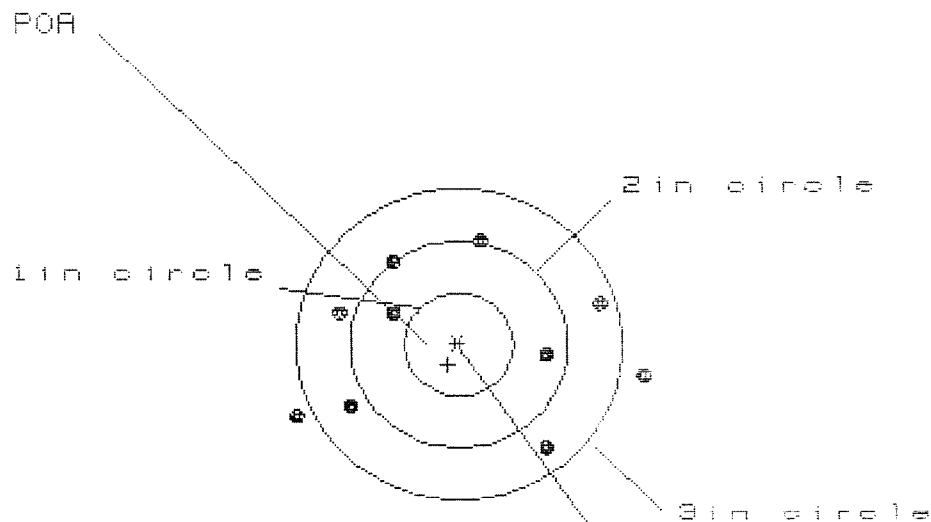
4
0 5 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .223
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.089
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .246104
THE AMR FOR THIS RIFLE IS: 1.015

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C62254B3

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 3.207

VS= 1.956

GS= 3.233

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.660	1.488	1.345
MINIMUM X	:	-1.547	-1.276	-1.090
MAXIMUM Y	:	.957	.877	.828
MINIMUM Y	:	-.999	-1.079	-1.128
CENTROID X	:	.099	.271	.085
CENTROID Y	:	.195	.275	.324
POA TO CENTROID in.	:	.219	.386	.335
MIN RADIUS	:	.650	.640	.585
MEAN RADIUS	:	1.179	1.108	1.030
MAX RADIUS	:	1.707	1.539	1.411
HORIZONTAL SPREAD	:	3.207	2.764	2.435
VERTICAL SPREAD	:	1.956	1.956	1.956
EXTREME SPREAD	:	3.233	2.838	2.531
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C62254B3

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.397

VS= 2.581

GS= 2.596

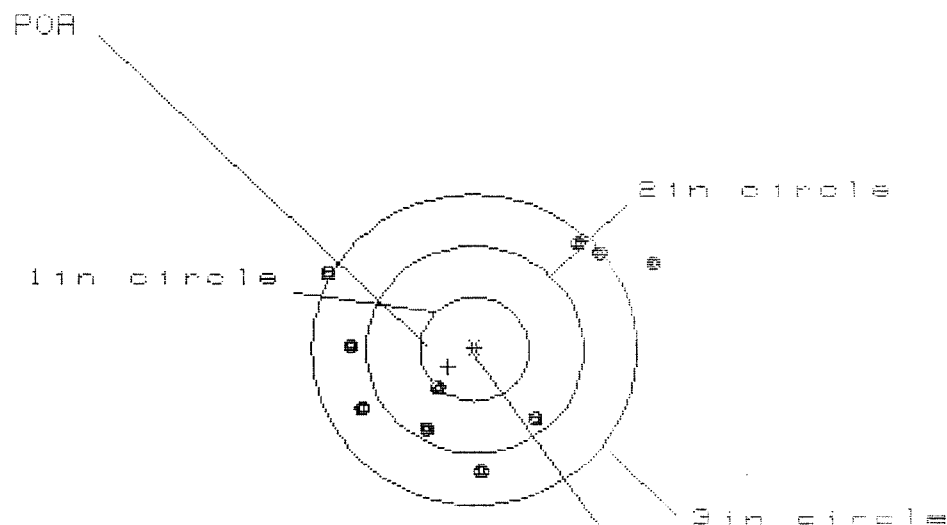
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.786	.733	.701
MINIMUM X	:	-.611	-.664	-.696
MAXIMUM Y	:	1.158	1.000	.853
MINIMUM Y	:	-1.423	-.751	-.627
CENTROID X	:	.073	.126	.158
CENTROID Y	:	-.491	-.333	-.458
POA TO CENTROID in.	:	.496	.356	.484
MIN RADIUS	:	.035	.176	.073
MEAN RADIUS	:	.772	.696	.629
MAX RADIUS	:	1.501	1.032	1.101
HORIZONTAL SPREAD	:	1.397	1.397	1.397
VERTICAL SPREAD	:	2.581	1.751	1.479
EXTREME SPREAD	:	2.596	1.829	1.829
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225483

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.936

VS= 2.205

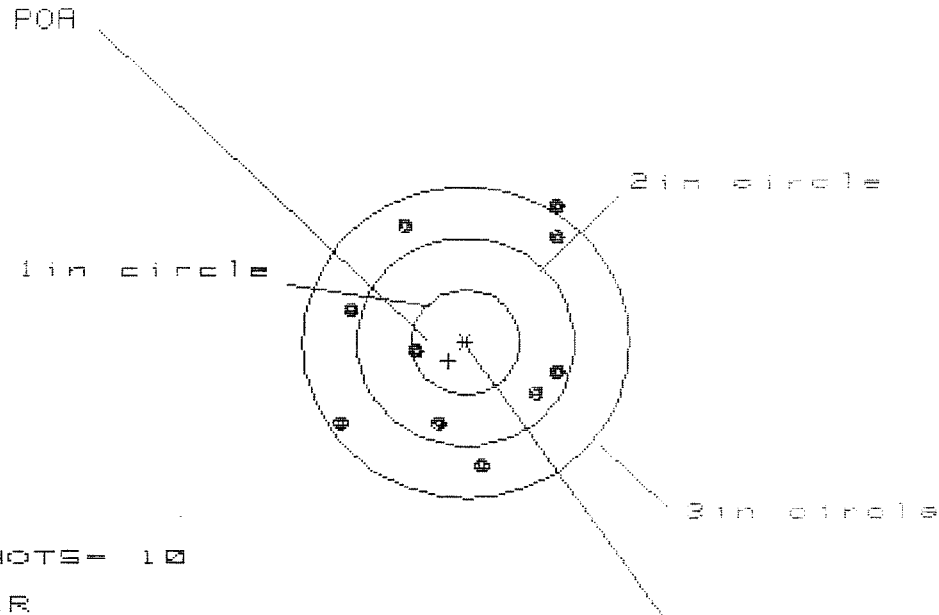
GS= 3.002

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.621
MINIMUM X	-1.315
MAXIMUM Y	1.014
MINIMUM Y	-1.191
CENTROID X	.242
CENTROID Y	.169
POA TO CENTROID in.	.295
MIN RADIUS	.505
MEAN RADIUS	1.202
MAX RADIUS	1.813
HORIZONTAL SPREAD	2.936
VERTICAL SPREAD	2.205
EXTREME SPREAD	3.002
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/062254B3

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.056

VS= 2.438

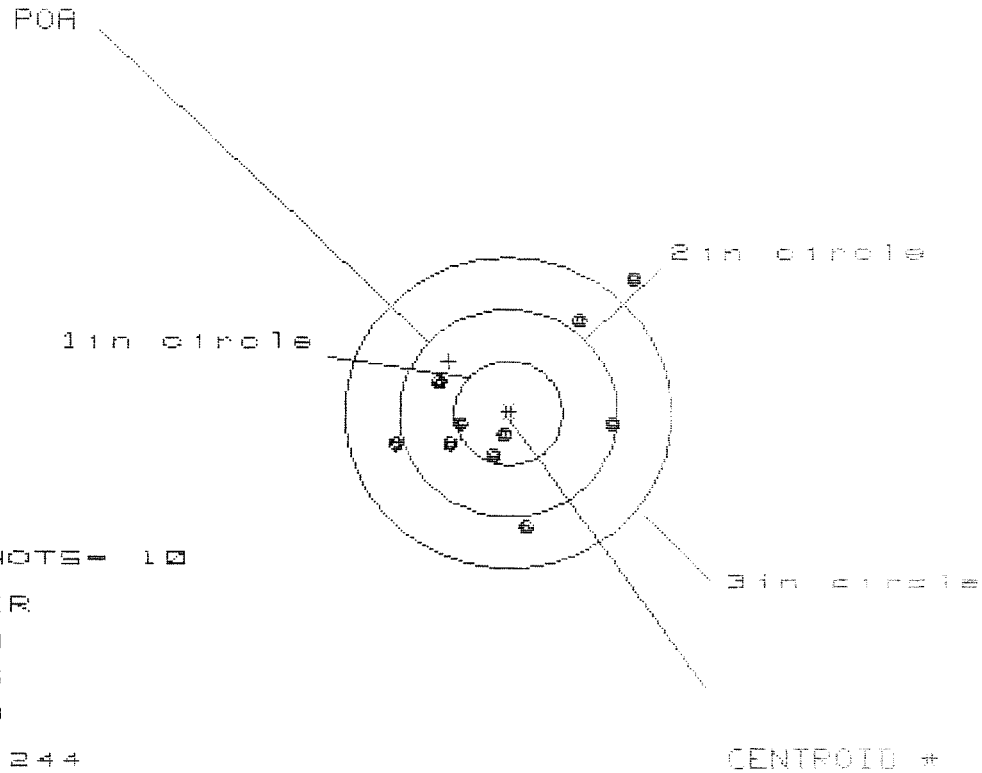
GS= 2.874

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.886	.981	.846
MINIMUM X	:	-1.170	-1.075	-1.100
MAXIMUM Y	:	1.271	1.228	1.150
MINIMUM Y	:	-1.167	-1.026	-1.104
CENTROID X	:	.157	.062	.197
CENTROID Y	:	.181	.040	.118
POA TO CENTROID in.	:	.240	.074	.230
MIN RADIUS	:	.443	.332	.469
MEAN RADIUS	:	1.068	.987	.961
MAX RADIUS	:	1.532	1.481	1.335
HORIZONTAL SPREAD	:	2.056	2.056	1.946
VERTICAL SPREAD	:	2.438	2.254	2.254
EXTREME SPREAD	:	2.874	2.691	2.349
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225483

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.244

VS= 2.409

GS= 2.761

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.038	.919
MINIMUM X	:	-1.084	-.955	-.666
MAXIMUM Y	:	1.334	.997	.981
MINIMUM Y	:	-1.075	-.927	-.943
CENTROID X	:	.544	.415	.534
CENTROID Y	:	-.499	-.647	-.631
POA TO CENTROID in.	:	.738	.769	.827
MIN RADIUS	:	.223	.117	.092
MEAN RADIUS	:	.852	.689	.667
MAX RADIUS	:	1.768	1.289	1.204
HORIZONTAL SPREAD	:	2.244	1.993	1.585
VERTICAL SPREAD	:	2.409	1.924	1.924
EXTREME SPREAD	:	2.761	2.098	1.998
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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: RE00153050

Serial: C6225483 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989

Repairman:

Status:

Closed 10/9/2008 10:13:27 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: GSC 7TH SFG

GSC 7TH SFG

Address 1: BLDG E-3928 77TH SFWAY

BLDG E-3928 77TH SFWAY

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

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
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/14/2008

9:46 AM

CAPS

NUM

INS

SCRL

Serial
Number:

C6225483

Model M24 SWS



RE00153050

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

R & E NUMBER 153050
SERIAL NUMBER C6225483
LOG-IN DATE 10-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-16-08	RT
505	RE-BARREL	10-21-08	RT
560	ASSEMBLE	10-21-08	RT
600	PROOF	10-21-08	L.P.D.
605	CHECK HEADSPACE	10-21-08	L.P.D.
610	DIS-ASSEMBLE GUN	10-21-08	L.P.D.
612	MAGNAFLUX	10-21-08	(Signature)
510	DRILL AND TAP	10-22-08	SP
615	ROLLMARK CALIBER	10-24-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-29	~
625	FINAL ASSEMBLY	10-30-08	RT
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-31-08	TC
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.27 2.28 2.25 2.27 2.29	
680	F) SAFETY ON FORCE	3.5 3.5 3.5	10-31-08 L.P.D.
	G) SAFETY OFF FORCE	5.0 5.0 4.0	10-31-08 L.P.D.
	I) FIRING PIN INDENT	.021 -.021 .021	10-31-08 L.P.D.
690	PACK		11/6/08 Fry

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225483.__0

FILE DATE AND TIME: 10/31/2008 13:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.547
The Distance from POA to Centroid Target #1:	0.063
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.417
The Distance from Centroid Target #4 to Centroid Target #1:	0.089
The Distance from Centroid Target #5 to Centroid Target #1:	0.358

SERIAL NUMBER: C6225483. __0

TARGET NUMBER: 1

FILE DATE: 10/31/2008

FILE TIME: 13:24

POINT#	X	Y
1:	0.997	0.513
2:	0.529	0.588
3:	-0.256	0.546
4:	-0.269	0.085
5:	-0.418	0.040
6:	-0.723	-0.406
7:	-0.509	-0.784
8:	-0.157	-0.348
9:	0.170	-0.385
10:	0.688	-0.477

X CENTROID: 0.005

Y CENTROID: -0.063

POA TO CENTROID: 0.063

HORZ SPREAD: 1.720

VERT SPREAD: 1.372

GROUP SPREAD: 1.988

MIN RADIUS: 0.311

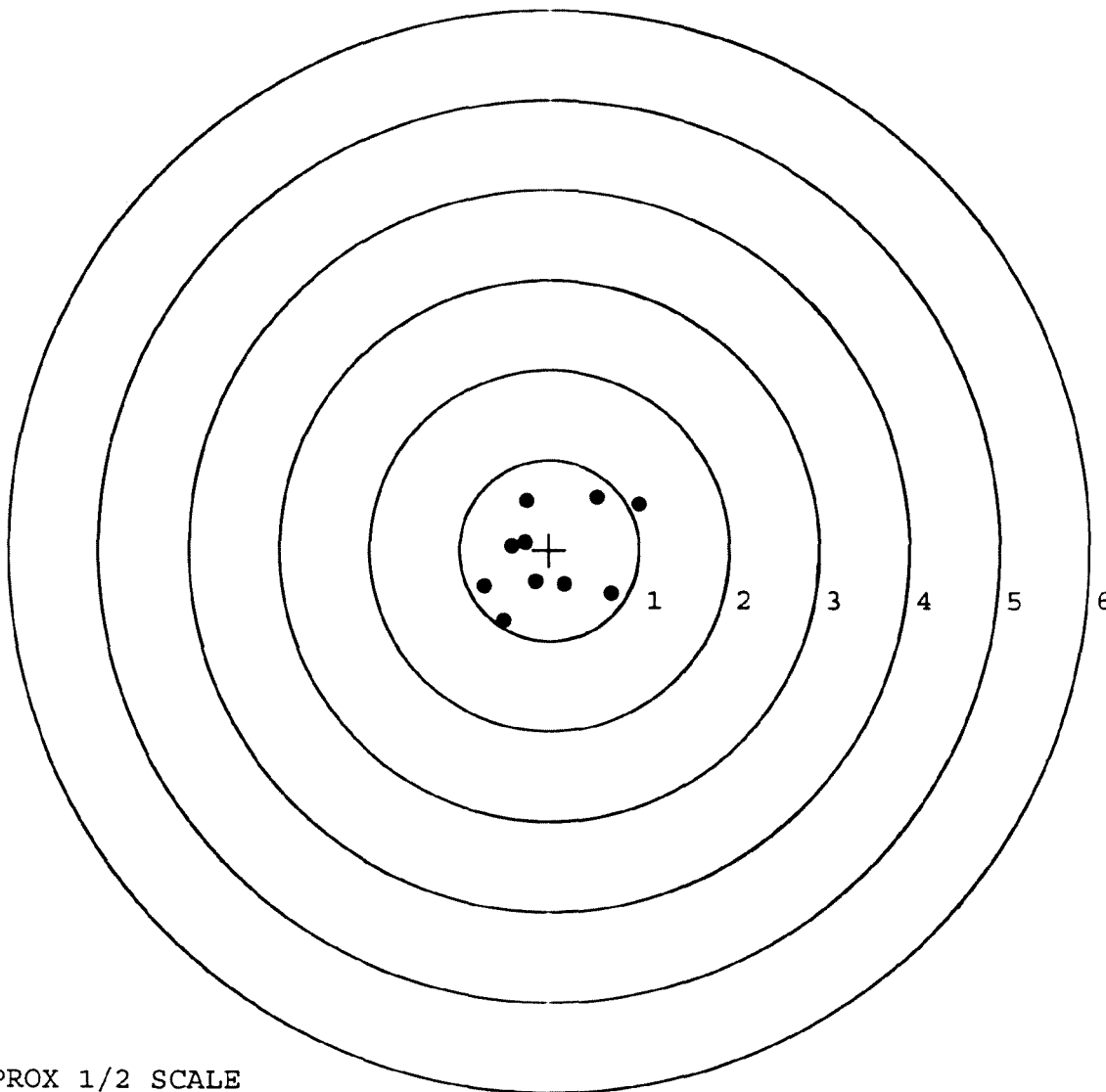
MAX RADIUS: 1.147

MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225483. __0

TARGET NUMBER: 2

FILE DATE: 10/31/2008

FILE TIME: 13:24

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

1:	-0.697	-0.972
----	--------	--------

2:	-0.367	-0.235
----	--------	--------

3:	-0.468	0.164
----	--------	-------

4:	-0.355	0.555
----	--------	-------

5:	-0.227	0.566
----	--------	-------

6:	0.482	0.313
----	-------	-------

7:	0.489	0.118
----	-------	-------

8:	0.858	0.308
----	-------	-------

9:	0.592	-0.285
----	-------	--------

10:	0.787	-0.530
-----	-------	--------

X CENTROID: 0.109

Y CENTROID: 0.000

POA TO CENTROID: 0.109

HORZ SPREAD: 1.555

VERT SPREAD: 1.538

GROUP SPREAD: 2.014

MIN RADIUS: 0.397

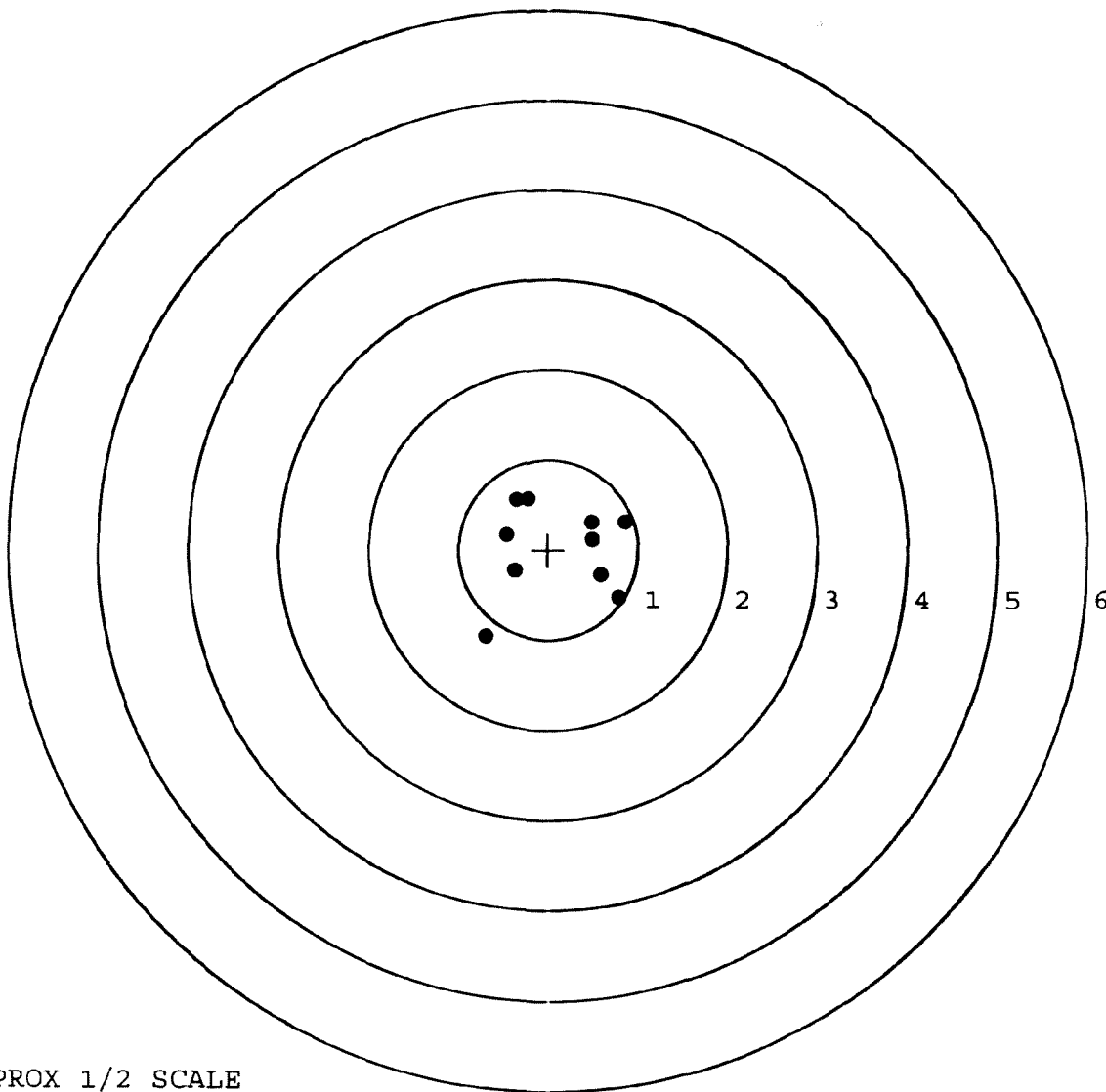
MAX RADIUS: 1.263

MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225483. __0

TARGET NUMBER: 3

FILE DATE: 10/31/2008

FILE TIME: 13:24

POINT#	X	Y
1:	0.896	-0.334
2:	0.435	-0.545
3:	0.096	-0.727
4:	0.004	-0.522
5:	-0.181	-0.255
6:	-0.263	-0.553
7:	-0.540	-0.586
8:	-0.732	-0.520
9:	-0.888	-0.415
10:	-0.581	0.073

X CENTROID: -0.175

Y CENTROID: -0.438

POA TO CENTROID: 0.472

HORZ SPREAD: 1.784

VERT SPREAD: 0.800

GROUP SPREAD: 1.786

MIN RADIUS: 0.144

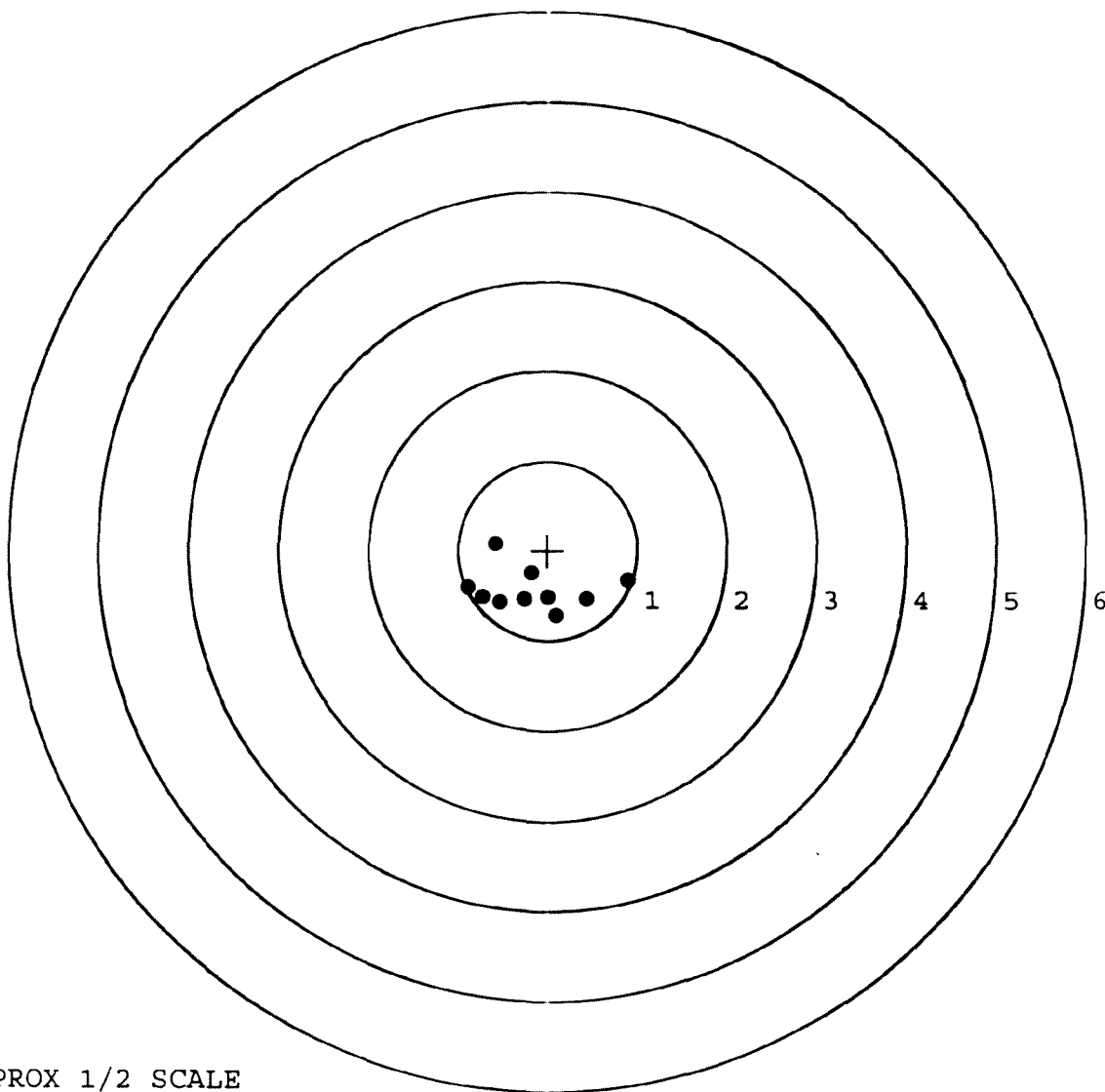
MAX RADIUS: 1.076

MEAN RADIUS: 0.494

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225483. __0

TARGET NUMBER: 4

FILE DATE: 10/31/2008

FILE TIME: 13:24

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

1:	0.707	0.031
----	-------	-------

2:	0.081	0.573
----	-------	-------

3:	-0.125	0.397
----	--------	-------

4:	-0.410	-0.074
----	--------	--------

5:	-0.711	-0.325
----	--------	--------

6:	-0.226	-0.214
----	--------	--------

7:	-0.078	-0.294
----	--------	--------

8:	0.072	-0.302
----	-------	--------

9:	0.240	-0.565
----	-------	--------

10:	0.034	-0.617
-----	-------	--------

X CENTROID: -0.042

Y CENTROID: -0.139

POA TO CENTROID: 0.145

HORZ SPREAD: 1.418

VERT SPREAD: 1.190

GROUP SPREAD: 1.462

MIN RADIUS: 0.159

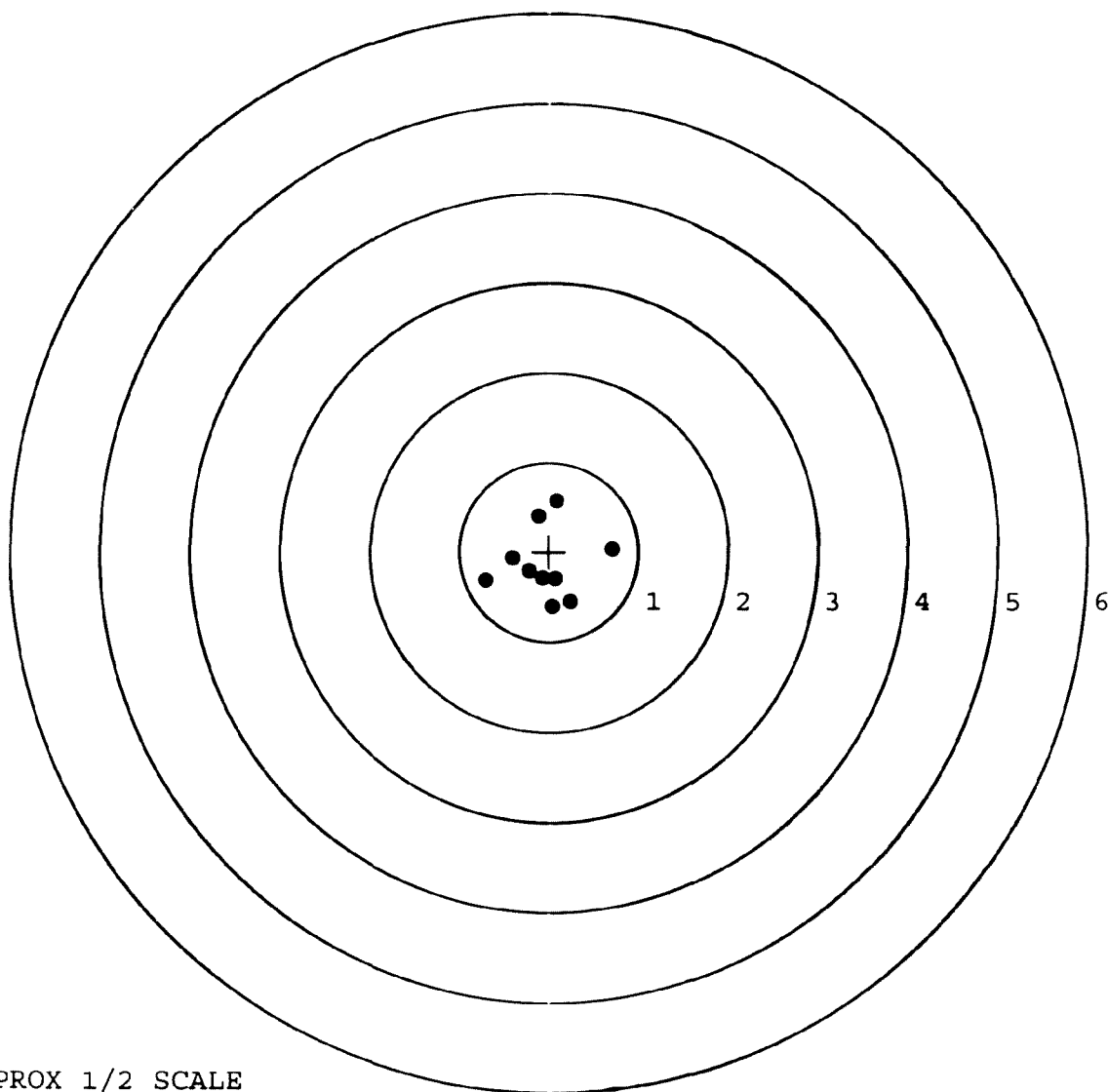
MAX RADIUS: 0.768

MEAN RADIUS: 0.465

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225483. __0

TARGET NUMBER: 5

FILE DATE: 10/31/2008

FILE TIME: 13:24

POINT#	X	Y
1:	0.080	-0.563
2:	-0.535	-0.035
3:	-0.174	0.043
4:	0.253	0.097
5:	0.372	0.306
6:	0.089	0.381
7:	-0.146	0.485
8:	-0.016	0.626
9:	0.238	0.875
10:	0.371	0.708

X CENTROID: 0.053

Y CENTROID: 0.292

POA TO CENTROID: 0.297

HORZ SPREAD: 0.907

VERT SPREAD: 1.438

GROUP SPREAD: 1.447

MIN RADIUS: 0.096

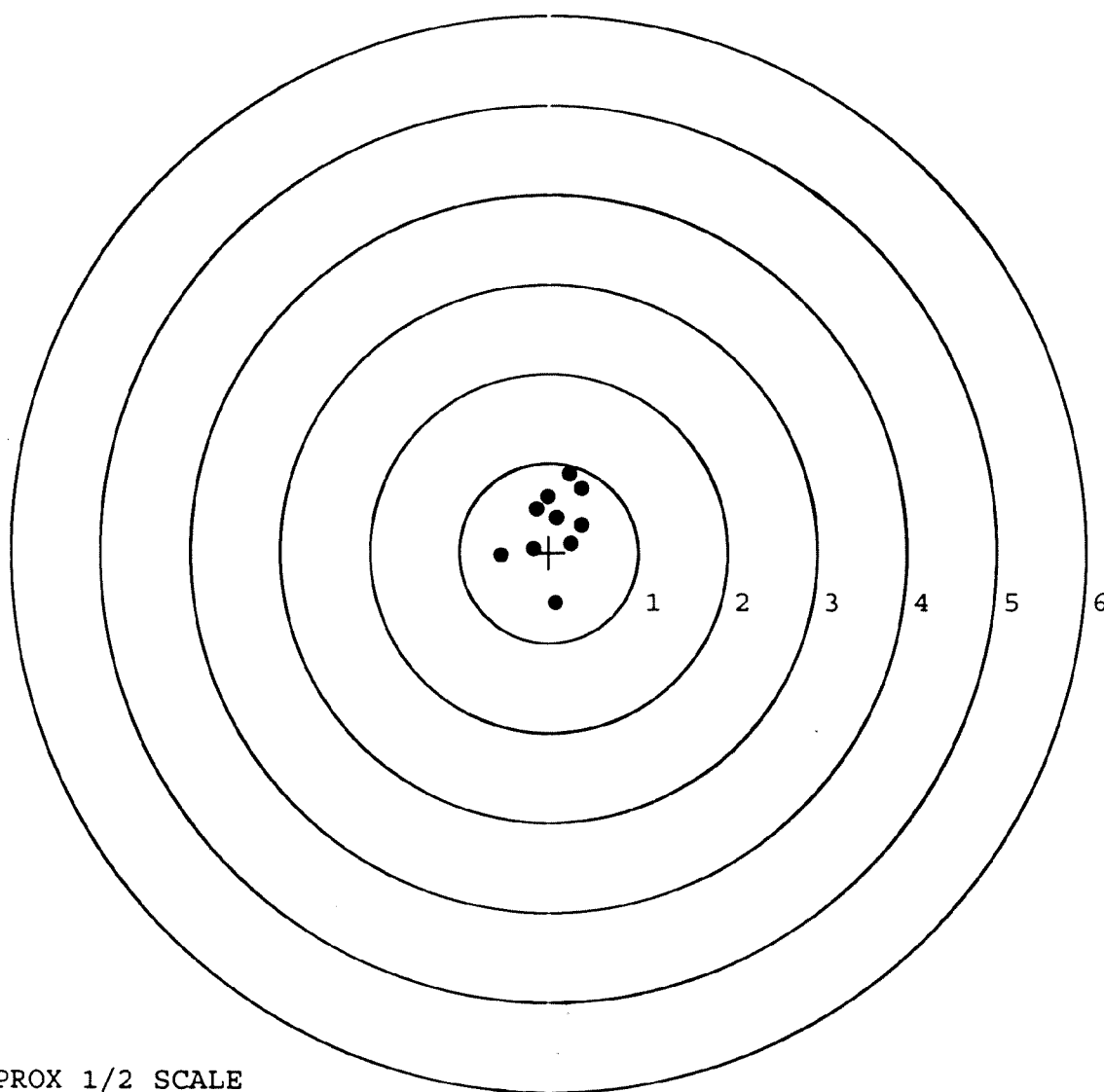
MAX RADIUS: 0.856

MEAN RADIUS: 0.431

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE