

C6611740

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.





Remington		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611740	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			
 5716 C6611740			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611740

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 18	91	FB
618	Polish Barrel	1 18	91	WB
620	Apply Coatings (Barrel Action)		2-12-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-26-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	.5	5 $\frac{3}{4}$			2-26-91	DH
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{3}{4}$			2-26-91	DH
	H) Trigger Pull Test & Retainability						2-26-91	DH
	I) Firing Pin Indent	.021	.021	.021			2-26-91	DH
	J) Assemble Stock						2/26/91	KA
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/26/91	KA
	M) Iron Sight Alignment						2/26/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/26/91	KA
	O) Attach Scope to Rifle						2/26/91	KA
	P) Detach & Attach Scope 20 Times						2/26/91	KA
640	Gallery Target & Test						2-28-91	DH
	A) Time						2-28-91	DH
	B) Malfunctions						2-28-91	DH
	C) Pierced Primers						2-28-91	DH
	D) Optical Clarity of Scope						2-28-91	DH
645	Inspect for Live Ammo						2-28-91	DH
655	Final Inspection						3/12/91	WLB
	A) Headspace							
	B) Trigger Pull	2.29	2.24	2.27	2.27	2.22	3-1-91	WLB
	C) Function						3/12/91	WLB
660	Pack						3-10-91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611740

DATE 7-26-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.31	2.56	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.35	2.58	2.24	
PULL #3	2.51	2.24	2.63	2.27	
PULL #4	2.50	2.27	2.63	2.27	
PULL #5	2.47	2.25	2.65	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.08		
PULL #2	3.03	3.02		
PULL #3	3.04	3.05		
PULL #4	3.05	3.01		
PULL #5	3.04	3.02		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.34		4.19
PULL #2	4.15	4.11		4.18
PULL #3	4.12	4.11		4.19
PULL #4	4.12	4.12		4.22
PULL #5	4.15	4.11		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611740
28 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.294083
1 TO	2	.112294
1 TO	3	.200871
1 TO	4	.427401
1 TO	5	.538488

1/2 <---- POI

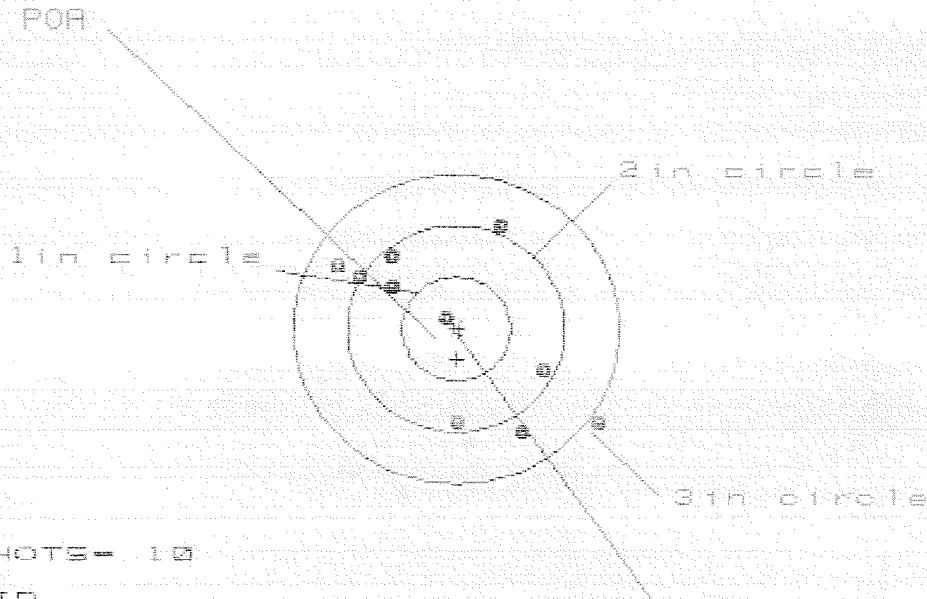
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .117
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .204727

THE AMR FOR THIS RIFLE IS: 1.046

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0611740

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.459

VS = 2.006

GS = 2.917

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.333

.995

.873

MINIMUM X

:

-1.126

-.978

-.864

MAXIMUM Y

:

.964

.862

.930

MINIMUM Y

:

-1.042

-1.144

-1.076

CENTROID X

:

-.007

-.155

-.033

CENTROID Y

:

.294

.396

.328

POA TO CENTROID in.

:

.294

.426

.330

MIN RADIUS

:

.110

.089

.067

MEAN RADIUS

:

.984

.881

.856

MAX RADIUS

:

1.620

1.362

1.241

HORIZONTAL SPREAD

:

2.459

1.973

1.737

VERTICAL SPREAD

:

2.006

2.006

2.006

EXTREME SPREAD

:

2.917

2.409

2.163

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

26 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611740

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 1.359

VS= 3.046

GS= 3.189

CENTROID *

PATTERN #

:

2

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.609

.649

.592

MINIMUM X

:

-.760

-.720

-.787

MAXIMUM Y

:

1.575

1.218

1.056

MINIMUM Y

:

-1.471

-1.296

-1.009

CENTROID X

:

.046

.006

.073

CENTROID Y

:

.195

.020

.192

POA TO CENTROID in.

:

.200

.021

.196

MIN RADIUS

:

.330

.256

.349

MEAN RADIUS

:

.884

.786

.705

MAX RADIUS

:

1.616

1.404

1.206

HORIZONTAL SPREAD

:

1.369

1.369

1.369

VERTICAL SPREAD

:

3.046

2.514

2.065

EXTREME SPREAD

:

3.189

2.781

2.141

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

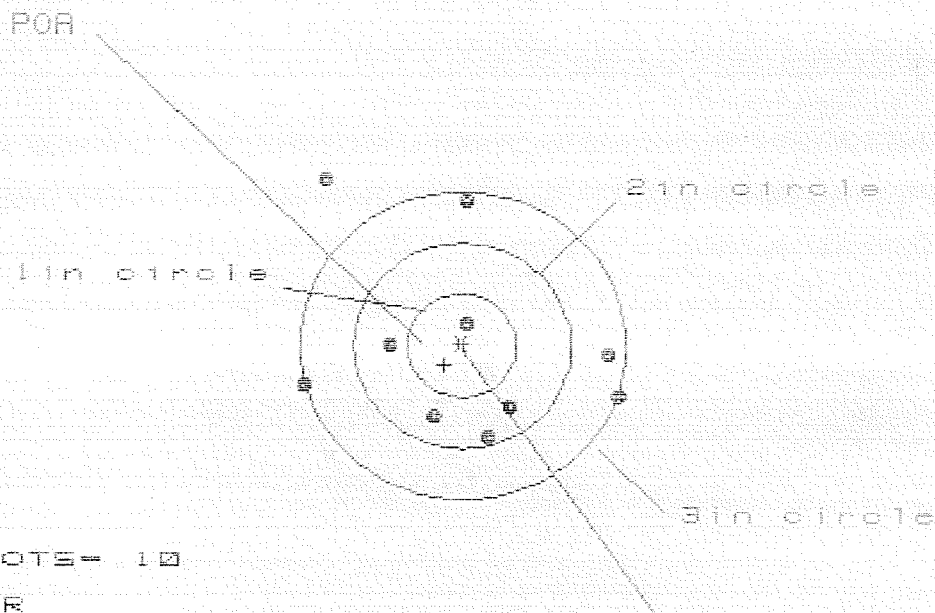
NUMBER IN THREE INCH CIRCLE =

8

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511740

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.914

VS = 2.496

GS = 3.426

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.437	1.301	1.099
MINIMUM X	-1.477	-1.613	-1.951
MAXIMUM Y	1.617	1.544	1.513
MINIMUM Y	-.879	-.699	-.730
CENTROID X	.163	.299	.501
CENTROID Y	.187	.007	.038
POA TO CENTROID in.	.248	.299	.502
MIN RADIUS	.203	.368	.420
MEAN RADIUS	1.097	.968	.881
MAX RADIUS	2.030	1.632	1.550
HORIZONTAL SPREAD	2.914	2.914	2.050
VERTICAL SPREAD	2.496	2.243	2.243
EXTREME SPREAD	3.426	2.916	2.381
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511740

CENTERFIRE PATTERNS # 4

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 3.912

VS= 4.425

GS= 4.667

PATTERN #

4

SHOTS (BEST BF)	10	9	8
MAXIMUM X	1.406	.888	.719
MINIMUM X	-1.506	-1.350	-.813
MAXIMUM Y	2.767	1.251	1.179
MINIMUM Y	-1.658	-1.351	-1.423
CENTROID X	.357	.201	.370
CENTROID Y	.070	-.237	-.166
POB TO CENTROID in.	.364	.311	.405
MIN RADIUS	.080	.329	.185
MEAN RADIUS	1.151	.940	.850
MAX RADIUS	3.103	1.501	1.503
HORIZONTAL SPREAD	2.912	2.238	1.532
VERTICAL SPREAD	4.425	2.602	2.602
EXTREME SPREAD	4.667	2.658	2.603
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611740

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.421

VS= 2.761

GS= 3.098

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.212	1.125	1.192
MINIMUM X	-1.209	-1.296	-1.229
MAXIMUM Y	1.416	1.228	1.079
MINIMUM Y	-1.345	-1.188	-1.069
CENTROID X	.281	.368	.301
CENTROID Y	-.161	-.318	-.169
POR TO CENTROID in.	.324	.486	.346
MIN RADIUS	.430	.490	.419
MEAN RADIUS	1.116	1.063	1.008
MAX RADIUS	1.619	1.303	1.385
HORIZONTAL SPREAD	2.421	2.421	2.421
VERTICAL SPREAD	2.761	2.416	2.148
EXTREME SPREAD	3.098	2.488	2.470
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0035117
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: **RE00152539**
Serial: C6611740 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1991

Repairman:

Verify Repair

Status:

Closed 10/2/2008 10:48:02 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **CAMP ROBERTS MATES****CAMP ROBERTS MATES**Address 1: **EAST GARRISON BLDG 25021****EAST GARRISON BLDG 25021**

Address 2: PO Box:

PO Box:

City: **SAN MIGUEL****SAN MIGUEL**State: **CA** Zip Code: **93451**Country: **US**State: **CA** Zip Code: **93451**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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/3/2008

12:44 PM

CAPS

NUM

INS

SCR

start

6 M.

Co...

7 M.

Mis...

SA...

Arc...

Arc...

Arc...

Arc...

12:44 PM

Serial Number: **C6611740**

Model: **M24 SWS**

RE00152539

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

R & E NUMBER 152539
 SERIAL NUMBER 06061740
 LOG-IN DATE 10-2-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-20-08	RTZ
505	RE-BARREL	10-21-08	RTZ
560	ASSEMBLE	10-21-08	RTZ
600	PROOF	10-21-08	RTZ
605	CHECK HEADSPACE	10-21-08	RTZ
610	DIS-ASSEMBLE GUN	10-21-08	RTZ
612	MAGNAFLUX	10-24-08	RTZ
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	RTZ
640	FUNCTION TEST AND	11-3-08	TC
650	TARGET	10-31-08	TC
	MALFUNCTION BAC	CORRECTION	11-3-08
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-31-08	RTZ
	A) HEADSPACE	11-3-08	RTZ
	B) TRIGGER PULL	2.66 2.64 2.64 2.62 2.61	10-31-08
680	F) SAFETY ON FORCE	3.0 3.5 4.0	11-3-08
	G) SAFETY OFF FORCE	3.0 3.0 3.0	11-3-08
	I) FIRING PIN INDENT	.022 .022 .022	11-3-08
690	PACK		11/6/08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611740.___0
FILE DATE AND TIME: 10/31/2008 13:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

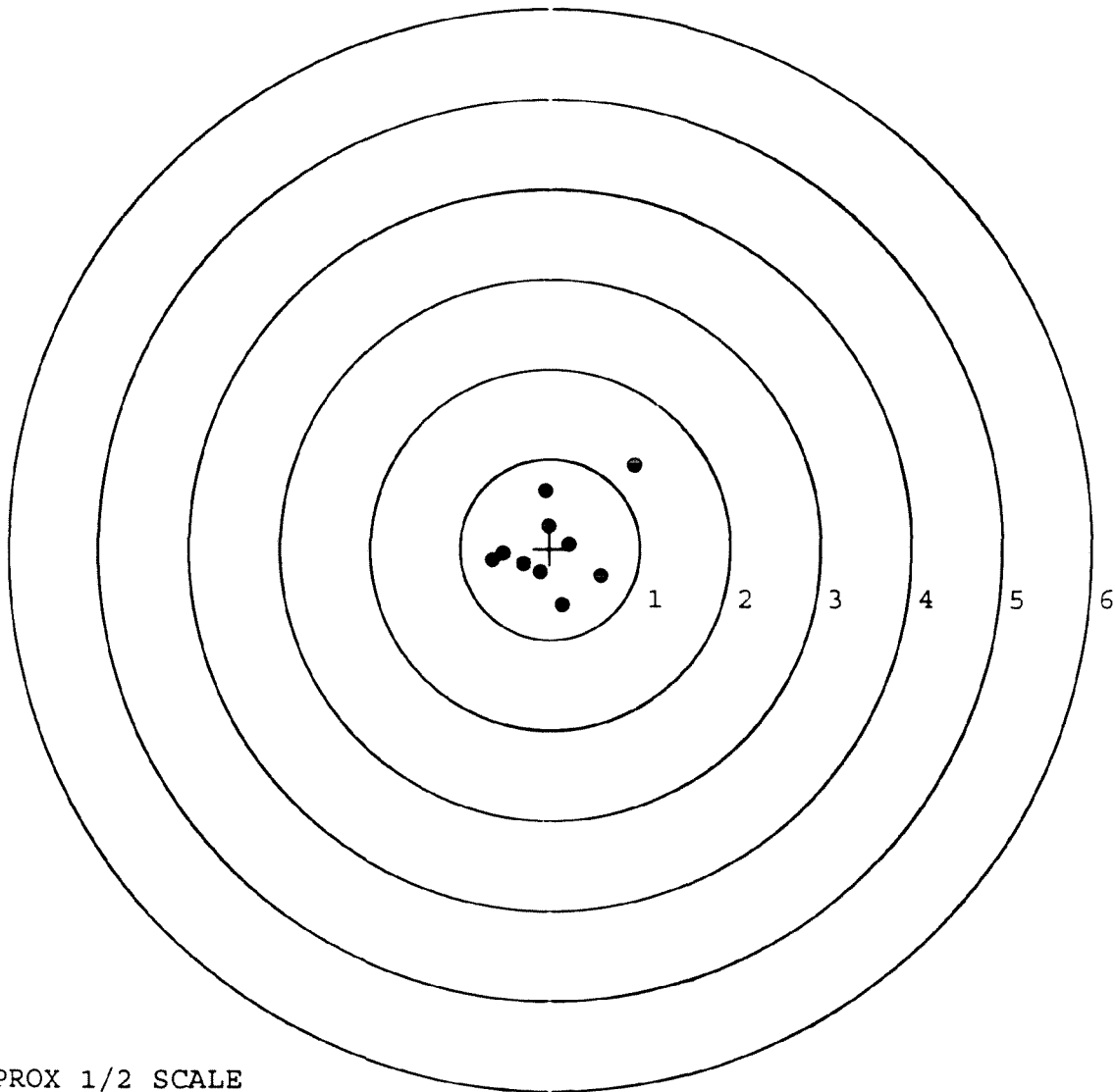
The Average X Centroid of the Five Target Set:	-0.073
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.577
The Distance from POA to Centroid Target #1:	0.038
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.230
The Distance from Centroid Target #4 to Centroid Target #1:	0.197
The Distance from Centroid Target #5 to Centroid Target #1:	0.286

BARBER - M24 0035120

SERIAL NUMBER: C6611740. __0
 TARGET NUMBER: 1
 FILE DATE: 10/31/2008
 FILE TIME: 13:41

POINT#	X	Y
1:	0.934	0.928
2:	-0.058	0.646
3:	-0.016	0.247
4:	0.216	0.052
5:	0.561	-0.302
6:	0.137	-0.625
7:	-0.113	-0.266
8:	-0.297	-0.171
9:	-0.523	-0.055
10:	-0.645	-0.129

X CENTROID: 0.020
 Y CENTROID: 0.033
 POA TO CENTROID: 0.038
 HORZ SPREAD: 1.579
 VERT SPREAD: 1.553
 GROUP SPREAD: 1.900
 MIN RADIUS: 0.197
 MAX RADIUS: 1.280
 MEAN RADIUS: 0.555
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611740. __0

TARGET NUMBER: 2

FILE DATE: 10/31/2008

FILE TIME: 13:41

POINT#	X	Y
1:	-0.979	0.475
2:	-0.615	0.369
3:	-0.650	-0.037
4:	-0.830	-0.756
5:	-0.335	-0.684
6:	-0.193	-0.145
7:	0.276	-0.629
8:	0.517	-0.277
9:	0.461	0.067
10:	0.169	0.466

X CENTROID: -0.218

Y CENTROID: -0.115

POA TO CENTROID: 0.246

HORZ SPREAD: 1.496

VERT SPREAD: 1.231

GROUP SPREAD: 1.674

MIN RADIUS: 0.039

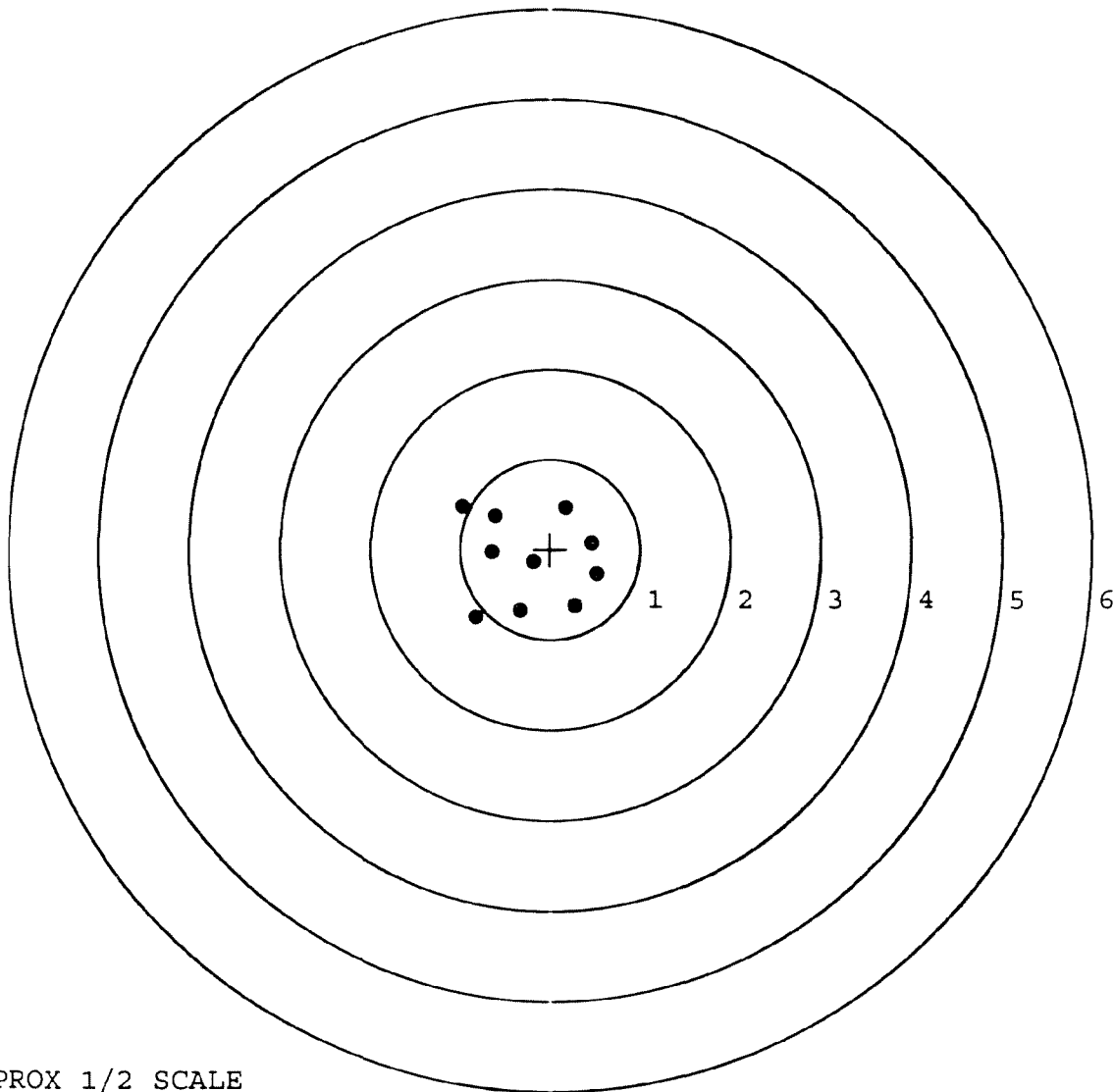
MAX RADIUS: 0.963

MEAN RADIUS: 0.640

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

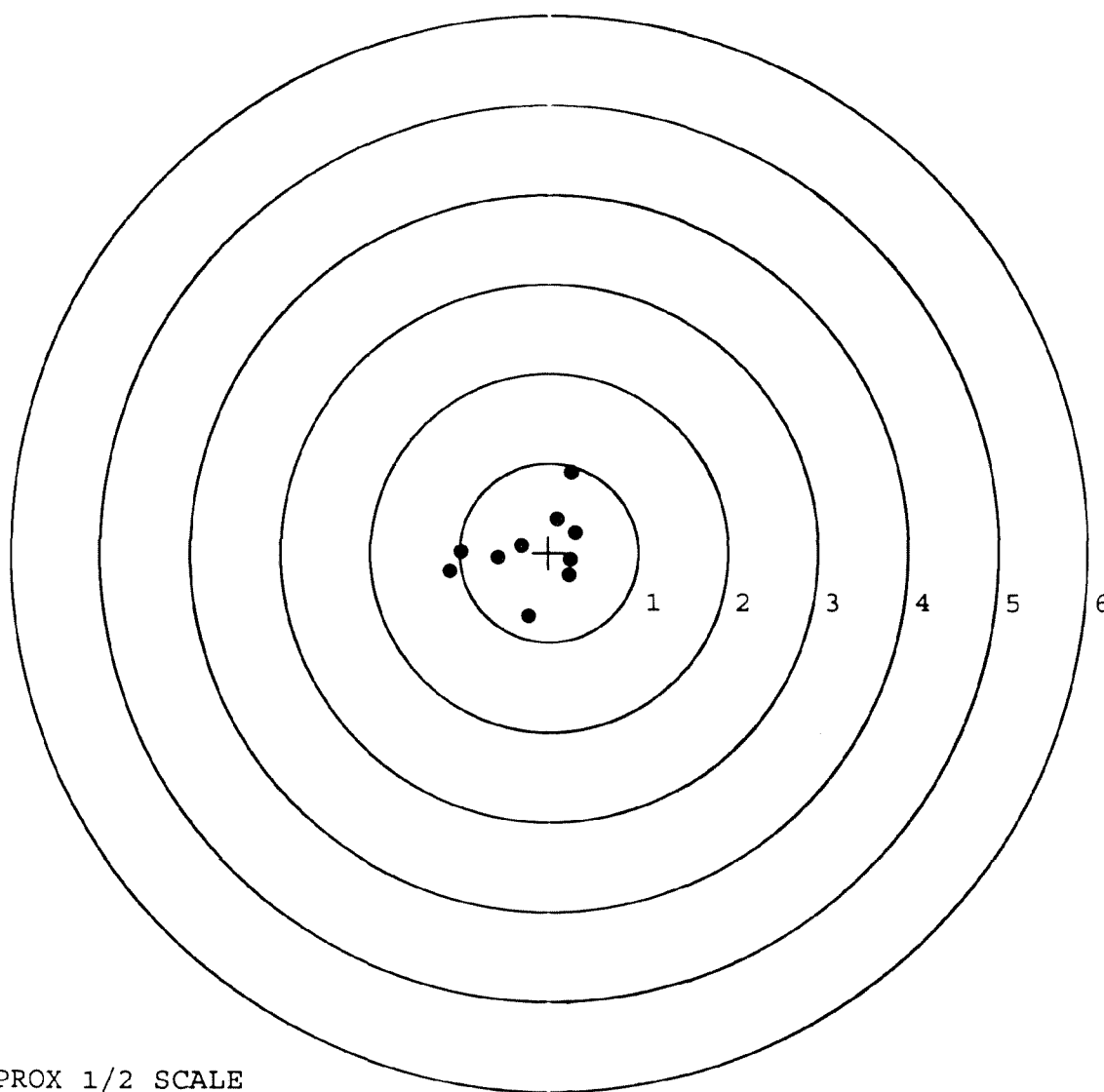


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611740. __0
 TARGET NUMBER: 3
 FILE DATE: 10/31/2008
 FILE TIME: 13:41

POINT#	X	Y
1:	0.254	0.894
2:	0.089	0.378
3:	0.288	0.223
4:	0.244	-0.084
5:	0.229	-0.259
6:	-0.229	-0.718
7:	-0.310	0.078
8:	-0.573	-0.061
9:	-0.982	0.007
10:	-1.111	-0.214

X CENTROID: -0.210
 Y CENTROID: 0.024
 POA TO CENTROID: 0.212
 HORZ SPREAD: 1.399
 VERT SPREAD: 1.612
 GROUP SPREAD: 1.758
 MIN RADIUS: 0.113
 MAX RADIUS: 0.986
 MEAN RADIUS: 0.591
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



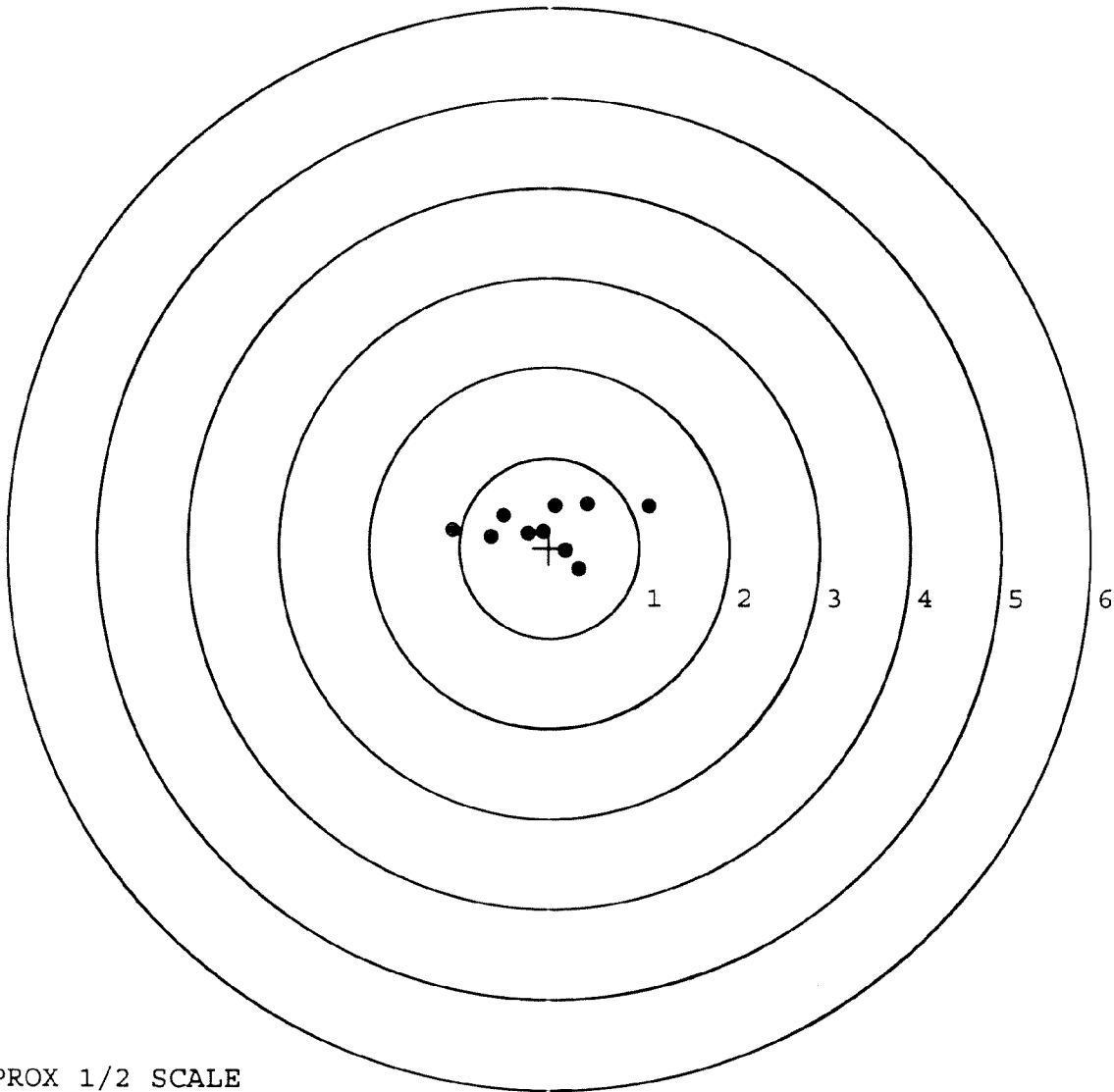
TARGET APPROX 1/2 SCALE

BARBER - M24 0035123

SERIAL NUMBER: C6611740. __0
 TARGET NUMBER: 4
 FILE DATE: 10/31/2008
 FILE TIME: 13:41

POINT#	X	Y
1:	-1.075	0.197
2:	-0.653	0.121
3:	-0.510	0.360
4:	-0.240	0.161
5:	-0.067	0.186
6:	0.073	0.468
7:	0.181	-0.027
8:	0.331	-0.239
9:	0.420	0.491
10:	1.112	0.471

X CENTROID: -0.043
 Y CENTROID: 0.219
 POA TO CENTROID: 0.223
 HORZ SPREAD: 2.187
 VERT SPREAD: 0.730
 GROUP SPREAD: 2.204
 MIN RADIUS: 0.041
 MAX RADIUS: 1.182
 MEAN RADIUS: 0.530
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

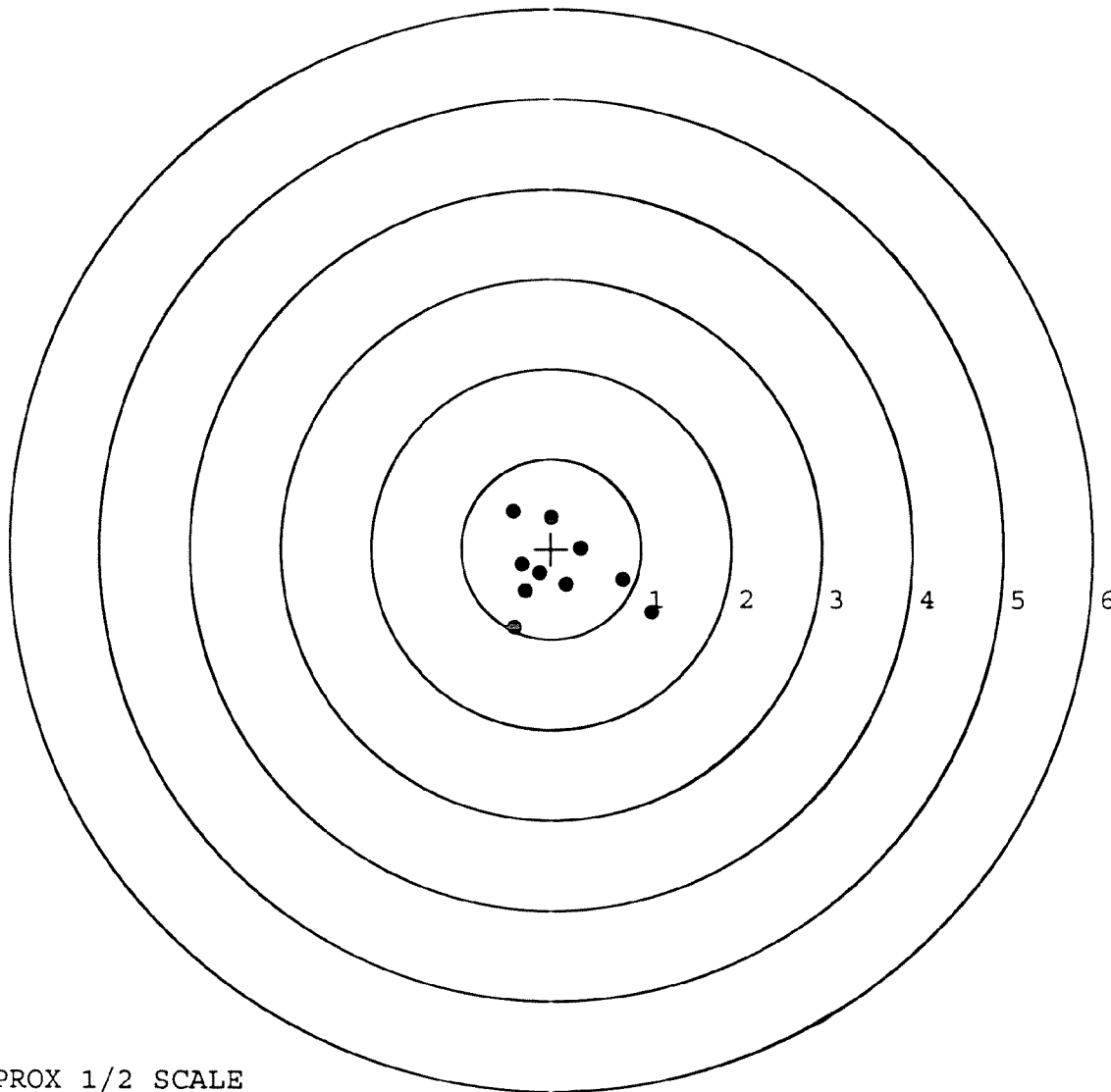


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611740. __0
 TARGET NUMBER: 5
 FILE DATE: 10/31/2008
 FILE TIME: 13:41

POINT#	X	Y
1:	1.117	-0.706
2:	0.799	-0.344
3:	0.332	0.010
4:	0.006	0.356
5:	-0.421	0.419
6:	-0.327	-0.180
7:	-0.132	-0.267
8:	0.167	-0.397
9:	-0.293	-0.468
10:	-0.410	-0.880

X CENTROID: 0.084
 Y CENTROID: -0.246
 POA TO CENTROID: 0.260
 HORZ SPREAD: 1.538
 VERT SPREAD: 1.299
 GROUP SPREAD: 1.906
 MIN RADIUS: 0.173
 MAX RADIUS: 1.131
 MEAN RADIUS: 0.570
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE