

C6523351

MODEL 700™ N24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00127255

Serial: C6523351 Model M24 SWS Center Fire

Repairman:

Verify Repair

High Priority

Status:

Closed 3/27/2007 9:29:37 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CPT ELLIOTT, SCOTT

CPT ELLIOTT, SCOTT

Address 1: B CO 1-64 AR

B CO 1-64 AR

Address 2: PO Box:

PO Box:

City: FT. STEWART

FT. STEWART

State: GA Zip Code: 31314

Country: US

State: GA Zip Code: 31314

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
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/27/2007

12:35 PM

CAPS

NUM

INS

SCRL



12:35 PM

Serial Number: C6523351

Model: M24 SWS



RE00127255

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523351.___0
FILE DATE AND TIME: 04/13/2007 00:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.156
The Distance from Centroid Target #2 to Centroid Target #1:	0.175
The Distance from Centroid Target #3 to Centroid Target #1:	0.440
The Distance from Centroid Target #4 to Centroid Target #1:	0.075
The Distance from Centroid Target #5 to Centroid Target #1:	0.159

SERIAL NUMBER: C6523351. 0

TARGET NUMBER: 1

FILE DATE: 04/13/2007

FILE TIME: 00:07

X CENTROID: -0.125

Y CENTROID: 0.093

POA TO CENTROID: 0.156

HORZ SPREAD: 1.699

VERT SPREAD: 1.782

GROUP SPREAD: 1.840

MIN RADIUS: 0.203

MAX RADIUS: 1.253

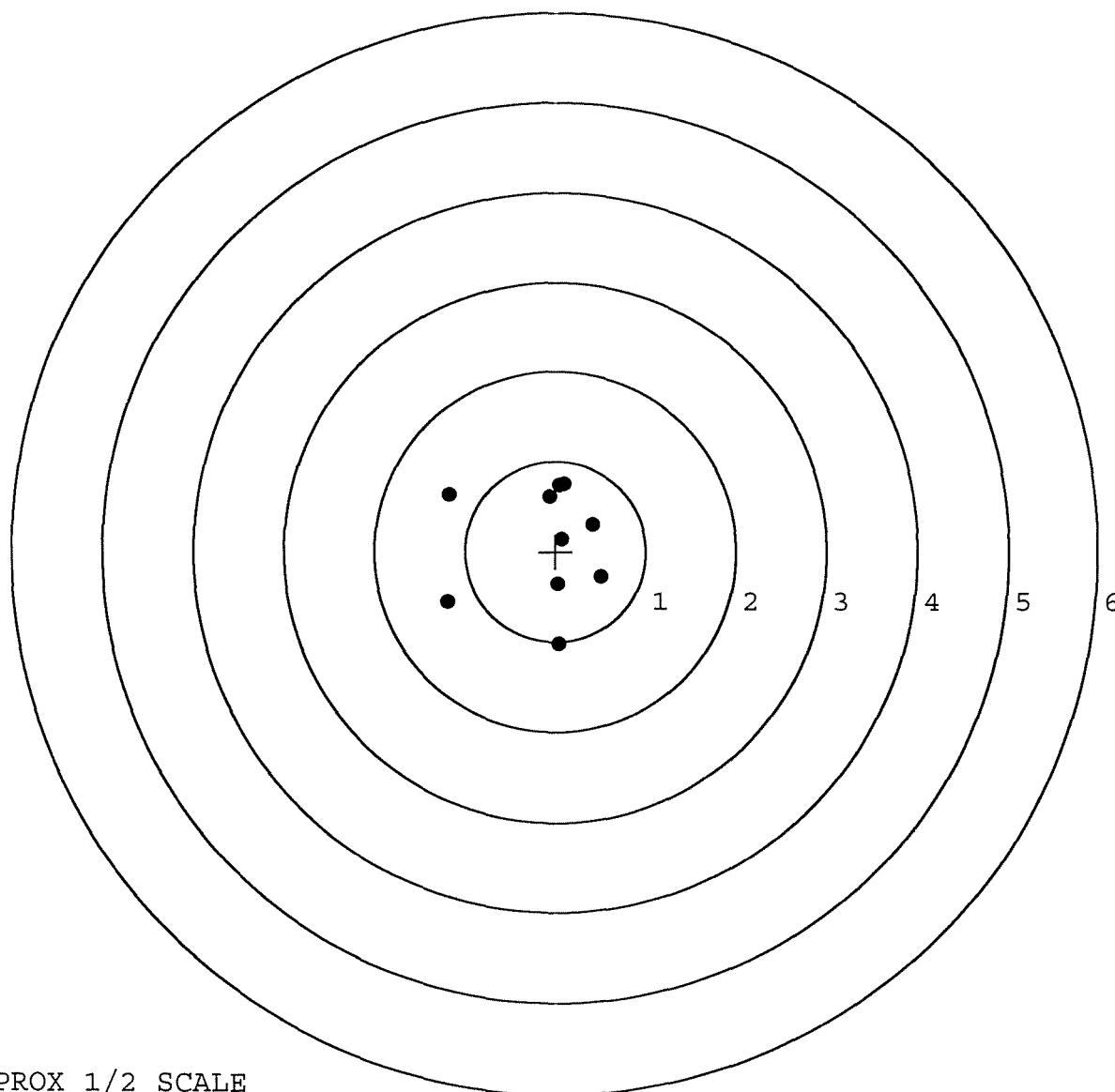
MEAN RADIUS: 0.744

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.069	0.610
2:	0.095	0.752
3:	0.073	0.140
4:	0.409	0.300
5:	0.506	-0.281
6:	0.026	-0.364
7:	0.037	-1.030
8:	-1.193	-0.562
9:	-1.178	0.629
10:	0.045	0.734

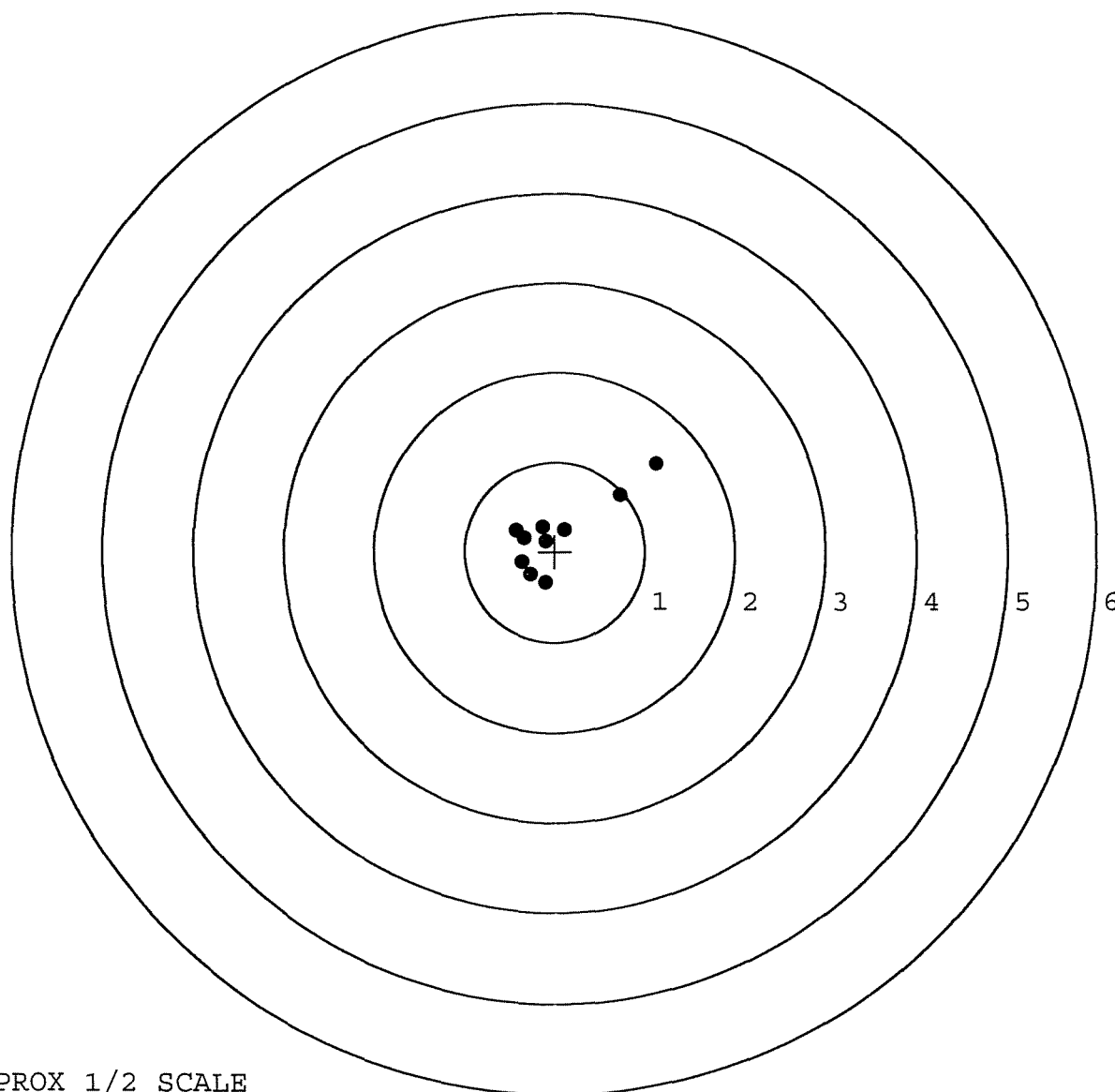


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523351. __0
TARGET NUMBER: 2
FILE DATE: 04/13/2007
FILE TIME: 00:07

X CENTROID: 0.019
Y CENTROID: 0.193
POA TO CENTROID: 0.194
HORZ SPREAD: 1.560
VERT SPREAD: 1.334
GROUP SPREAD: 1.876
MIN RADIUS: 0.098
MAX RADIUS: 1.365
MEAN RADIUS: 0.504
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.139	0.276
2:	-0.428	0.241
3:	-0.371	-0.120
4:	-0.107	-0.351
5:	0.102	0.246
6:	0.726	0.639
7:	1.132	0.983
8:	-0.103	0.114
9:	-0.345	0.158
10:	-0.274	-0.259

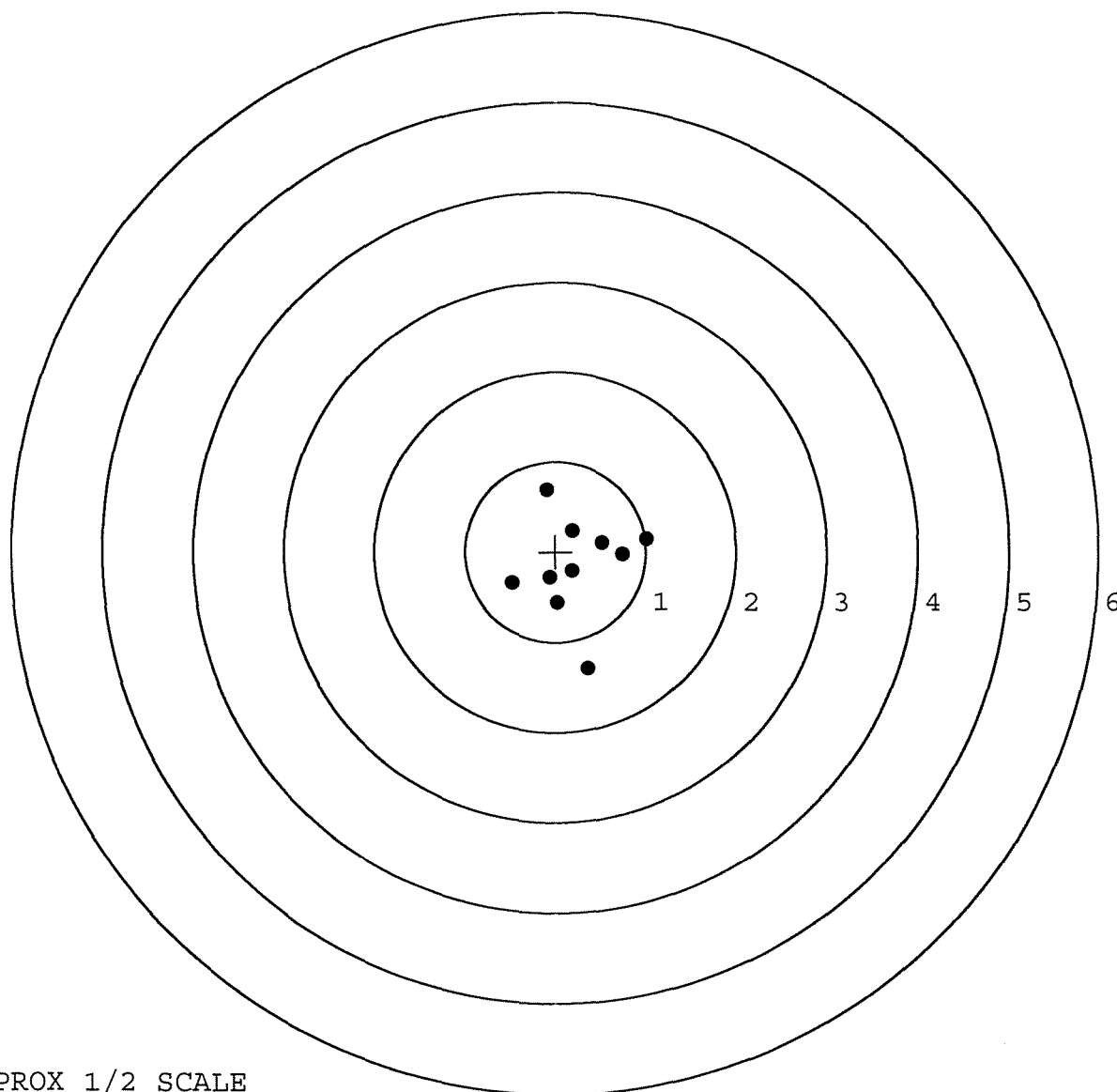


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523351. __0
 TARGET NUMBER: 3
 FILE DATE: 04/13/2007
 FILE TIME: 00:07

X CENTROID: 0.236
 Y CENTROID: -0.159
 POA TO CENTROID: 0.285
 HORZ SPREAD: 1.492
 VERT SPREAD: 1.980
 GROUP SPREAD: 2.033
 MIN RADIUS: 0.079
 MAX RADIUS: 1.142
 MEAN RADIUS: 0.581
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.103	0.686
2:	0.183	0.231
3:	0.517	0.103
4:	0.746	-0.031
5:	1.011	0.144
6:	0.182	-0.217
7:	-0.071	-0.290
8:	0.018	-0.570
9:	-0.481	-0.351
10:	0.360	-1.294



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523351. 0

TARGET NUMBER: 4

FILE DATE: 04/13/2007

FILE TIME: 00:07

X CENTROID: -0.079

Y CENTROID: 0.152

POA TO CENTROID: 0.171

HORZ SPREAD: 1.458

VERT SPREAD: 1.036

GROUP SPREAD: 1.509

MIN RADIUS: 0.221

MAX RADIUS: 0.849

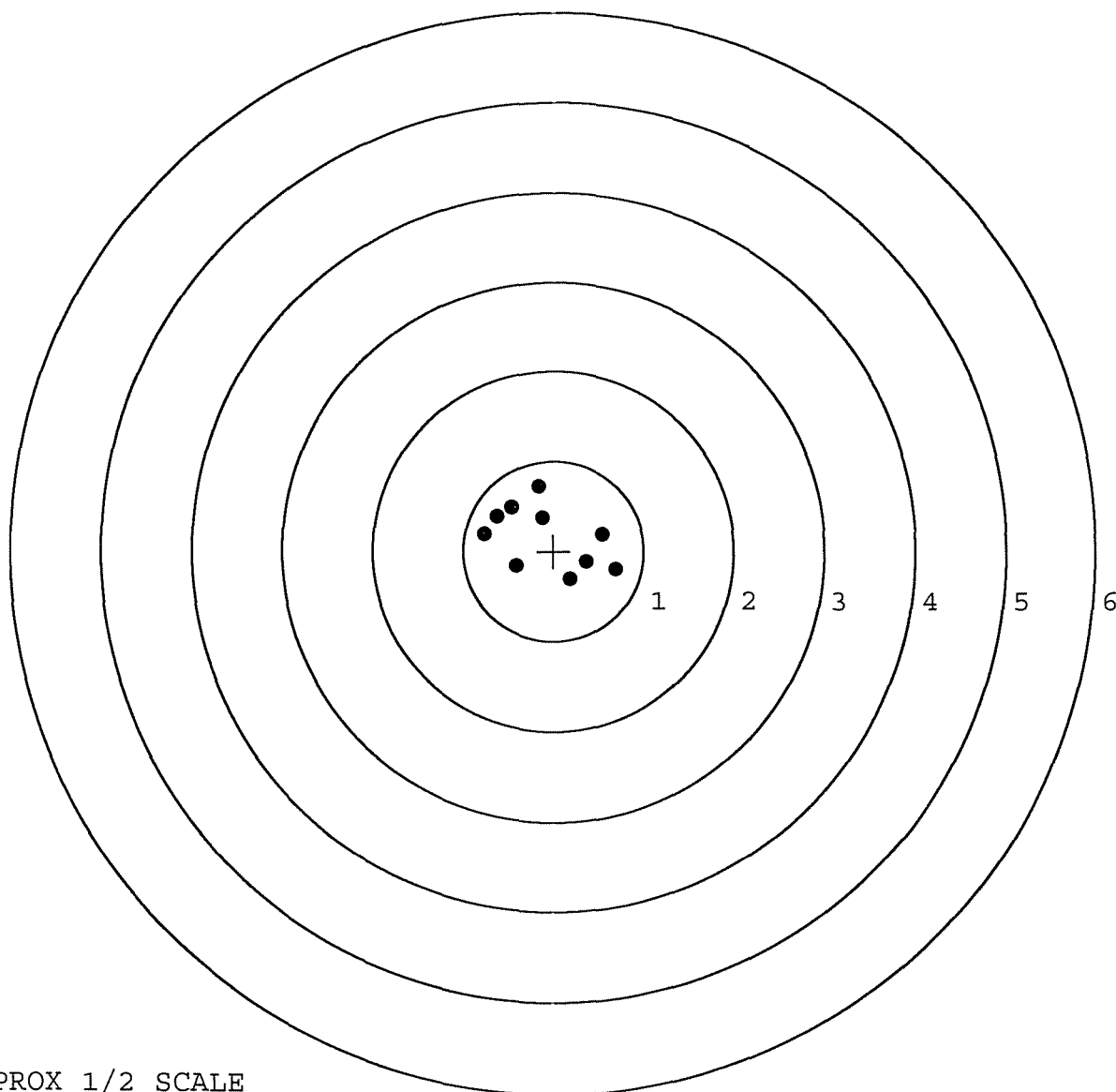
MEAN RADIUS: 0.559

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.765	0.189
2:	-0.629	0.382
3:	-0.468	0.483
4:	-0.169	0.718
5:	-0.130	0.367
6:	-0.416	-0.168
7:	0.186	-0.318
8:	0.362	-0.121
9:	0.546	0.187
10:	0.693	-0.201



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523351. __0

TARGET NUMBER: 5

FILE DATE: 04/13/2007

FILE TIME: 00:07

X CENTROID: -0.215

Y CENTROID: -0.039

POA TO CENTROID: 0.218

HORZ SPREAD: 3.465

VERT SPREAD: 1.483

GROUP SPREAD: 3.466

MIN RADIUS: 0.225

MAX RADIUS: 1.798

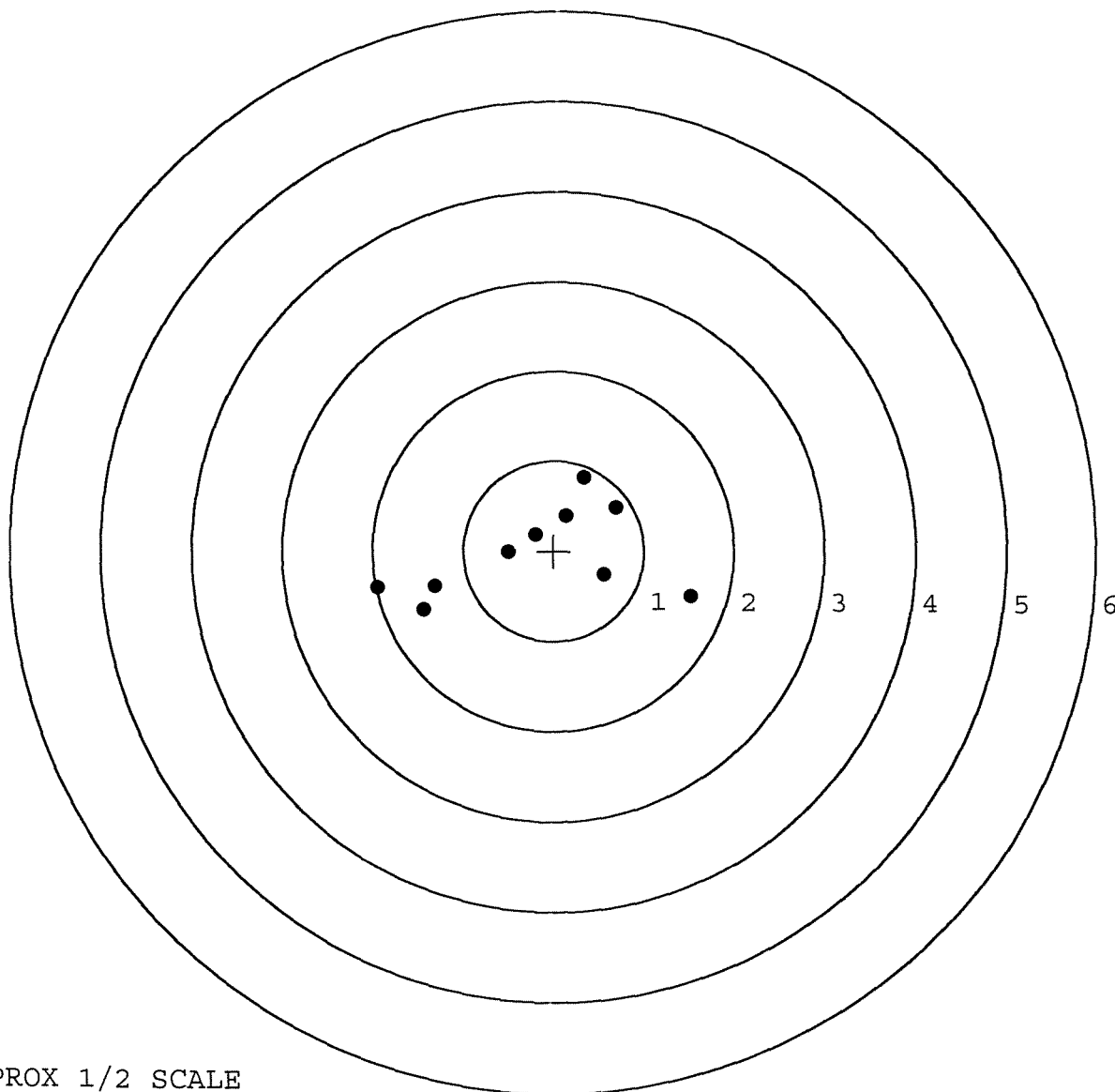
MEAN RADIUS: 1.002

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.208	0.186
2:	0.137	0.388
3:	0.332	0.814
4:	0.690	0.488
5:	0.562	-0.255
6:	1.524	-0.496
7:	-1.313	-0.401
8:	-1.430	-0.669
9:	-1.941	-0.423
10:	-0.502	-0.019



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		127255	
SERIAL NUMBER		C652.3351	
LOG-IN DATE		3-27-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-2-07	RTZ
505	RE-BARREL	4-3-07	RTZ
560	ASSEMBLE	4-3-07	RTZ
600	PROOF	4-3-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-3-07 TRW
610	DIS-ASSEMBLE GUN	APR 05 2007	4-4-07 RTZ
612	MAGNAFLUX	OPERATOR <u>CRD</u>	4-3-07 APD
510	DRILL AND TAP		4-4-07 TRW
615	ROLLMARK CALIBER		4-5-07 CIN
618	ROTO-BLAST		4-5-07 LB
620	APPLY COATINGS		4/9/07 BS
625	FINAL ASSEMBLY		4-12-07 RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	4/13/07 non
650	TARGET	<u>PASS</u> FAIL	4/12/07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		4/25/07 non
	A) HEADSPACE	<u>PASS</u> FAIL	4/25/07 non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.53 2.62 2.62 2.78 2.76 4-23-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 6.75 6.5 4-23-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 2.5 2.25 4-23-07 TRW
	I) FIRING PIN INDENT	.020	.0235 .023 .023 4-23-07 TRW
690	PACK		4-27-07 DA

BARBER - M24 M2400026545

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523351DATE 3-12-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.72	2.63		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.72	2.75		
PULL #3	2.59	2.65	2.69		
PULL #4	2.33	2.68	2.53		
PULL #5	2.44	2.58	2.67		
TOTAL	12.51	13.35	13.27		
AVG.	2.50	2.67	2.65		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.05		
PULL #2	3.11	3.08		
PULL #3	3.11	3.10		
PULL #4	3.12	3.07		
PULL #5	3.21	3.23		
TOTAL	15.75	15.53		
AVG.	3.15	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.08		4.07
PULL #2	4.25	4.03		4.06
PULL #3	4.21	4.11		3.91
PULL #4	4.12	4.17		4.04
PULL #5	4.01	4.05		4.07
TOTAL	20.81	20.44		20.15
AVG.	4.16	4.08		4.03

CENTROIDAL DISTANCE CALCULATIONS
FOP RIFLE # C6523351
22 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.8722
1 TO	2	.342667
1 TO	3	.225249
1 TO	4	.315184
1 TO	5	.228239

53
+

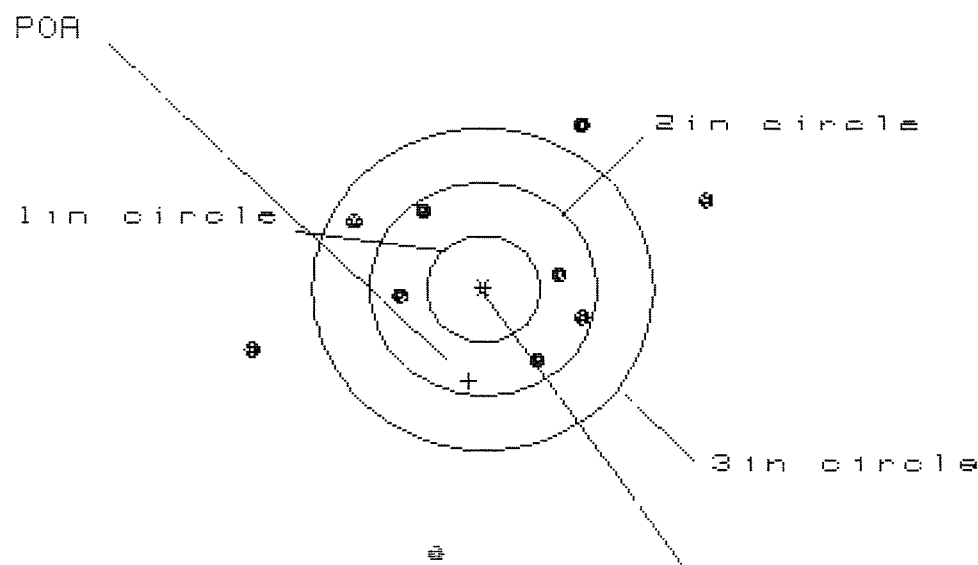
+ :----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .143
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .95
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .960702
THE AMR FOR THIS RIFLE IS: 1.028

22 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06523351

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 6

HS= 3.964

VS= 3.994

GS= 4.218

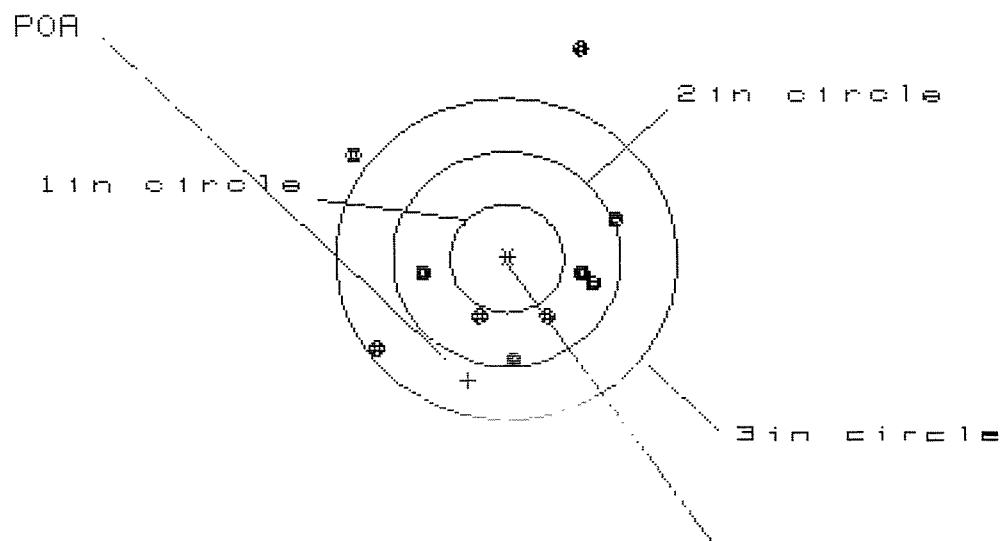
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.935	1.884	1.624
MINIMUM X	:	-2.029	-2.080	-1.404
MAXIMUM Y	:	1.577	1.308	1.201
MINIMUM Y	:	-2.417	-.902	-1.009
CENTROID X	:	.133	.184	.444
CENTROID Y	:	.862	1.131	1.238
POA TO CENTROID in.	:	.872	1.146	1.315
MIN RADIUS	:	.674	.610	.401
MEAN RADIUS	:	1.379	1.239	1.095
MAX RADIUS	:	2.461	2.250	1.688
HORIZONTAL SPREAD	:	3.964	3.964	3.028
VERTICAL SPREAD	:	3.994	2.210	2.210
EXTREME SPREAD	:	4.218	4.212	3.036
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8523351

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 2.314

VS= 2.892

ES= 3.329

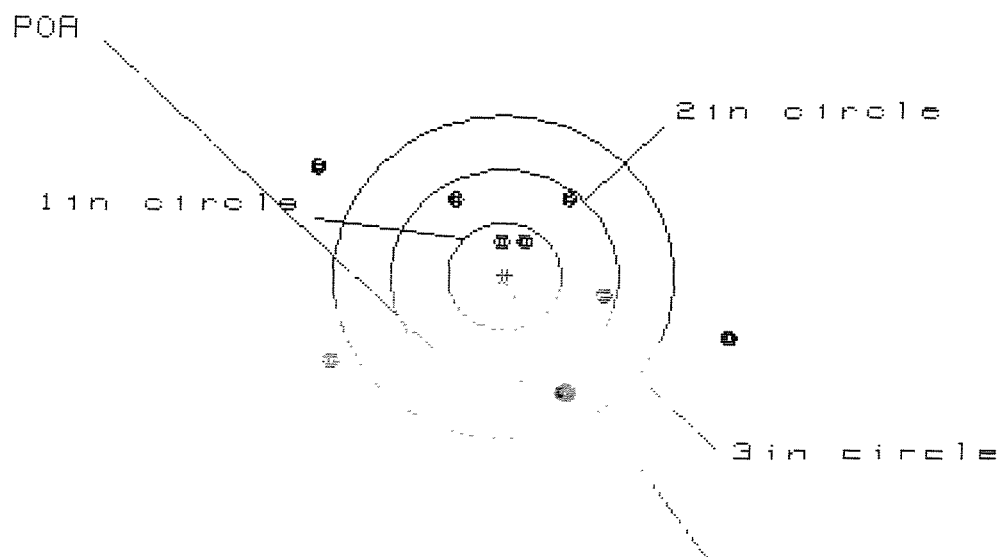
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.985	1.060	.903
MINIMUM X	:	-1.329	-1.254	-1.177
MAXIMUM Y	:	1.977	1.220	.786
MINIMUM Y	:	-.915	-.695	-.543
CENTROID X	:	.344	.269	.426
CENTROID Y	:	1.132	.912	.760
POA TO CENTROID in.	:	1.183	.951	.871
MIN RADIUS	:	.575	.344	.309
MEAN RADIUS	:	1.057	.888	.728
MAX RADIUS	:	2.091	1.749	1.266
HORIZONTAL SPREAD	:	2.314	2.314	2.080
VERTICAL SPREAD	:	2.892	1.915	1.329
EXTREME SPREAD	:	3.329	2.428	2.428
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 7

HS= 3.591

VS= 2.013

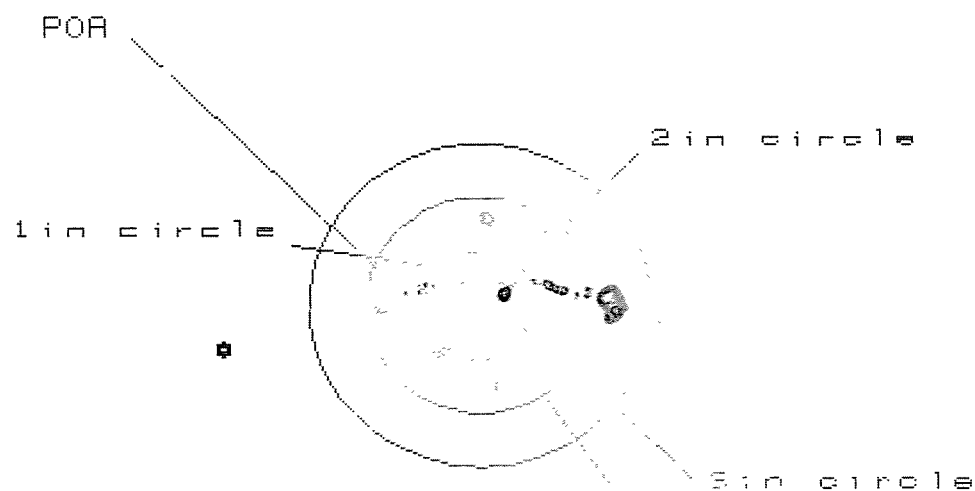
GS= 3.940

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.968	1.103	.927
MINIMUM X	:	-1.623	-1.404	-1.488
MAXIMUM Y	:	1.043	.979	.792
MINIMUM Y	:	-.969	-1.034	-.911
CENTROID X	:	.329	.110	.286
CENTROID Y	:	.973	1.038	.915
POA TO CENTROID in.	:	1.027	1.043	.959
MIN RADIUS	:	.288	.258	.338
MEAN RADIUS	:	1.061	.958	.839
MAX RADIUS	:	2.051	1.712	1.635
HORIZONTAL SPREAD	:	3.591	2.507	2.415
VERTICAL SPREAD	:	2.013	2.013	1.703
EXTREME SPREAD	:	3.940	2.804	2.550
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 8

HS= 3.784

VS= 1.199

GS= 3.790

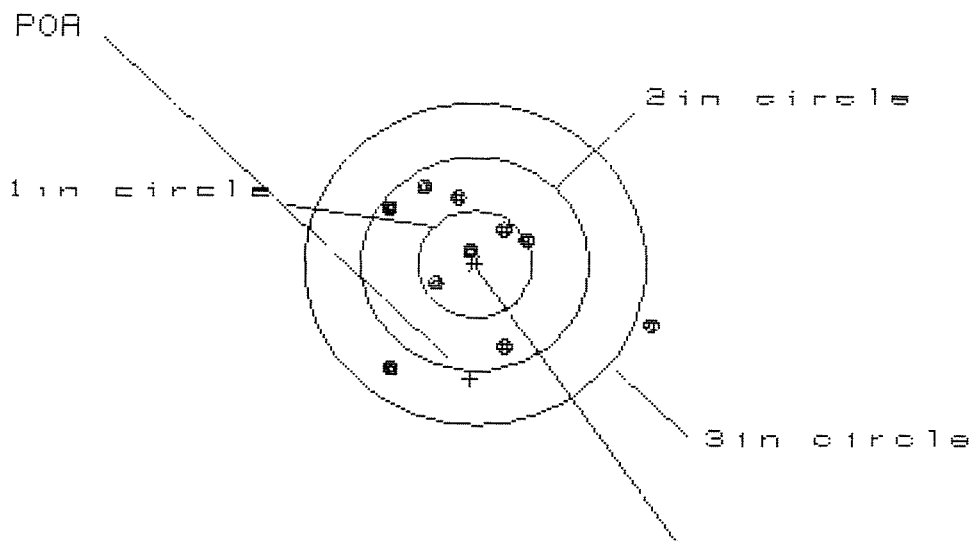
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.493	1.239	.629
MINIMUM X	:	-2.291	-1.084	-.929
MAXIMUM Y	:	.771	.729	.703
MINIMUM Y	:	-.428	-.470	-.496
CENTROID X	:	-.142	.112	-.043
CENTROID Y	:	.708	.750	.776
POA TO CENTROID in.	:	.723	.758	.777
MIN RADIUS	:	.285	.247	.343
MEAN RADIUS	:	.903	.714	.646
MAX RADIUS	:	2.321	1.257	.930
HORIZONTAL SPREAD	:	3.784	2.323	1.558
VERTICAL SPREAD	:	1.199	1.199	1.199
EXTREME SPREAD	:	3.790	2.331	1.636
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jan 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS= 2.262

VS= 1.708

GS= 2.497

CENTROID #



PATTERN #	:			
SHOTS (BEST OF)	:			
MAXIMUM X	:			.730
MINIMUM X	:			.503
MAXIMUM Y	:			.571
MINIMUM Y	:	-1.950	1.011	-1.933
CENTROID X	:	.051	-.121	-.054
CENTROID Y	:	1.075	1.136	1.262
POA TO CENTROID in.	:	1.077	1.142	1.263
MIN RADIUS	:	.112	.122	.103
MEAN RADIUS	:	.742	.626	.536
MAX RADIUS	:	1.643	1.146	1.004
HORIZONTAL SPREAD	:	2.262	1.137	1.133
VERTICAL SPREAD	:	1.708	1.708	1.504
EXTREME SPREAD	:	2.497	1.728	1.666
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523351

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/4/96	Jw
	G) Safety Off Force	6 3	3	3			5/4/96	Jw
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.78	2.78	2.79	2.76	2.79	5/4/96	Jw
	C) Function							
660	Pack							

Remington[®]

MODEL 700TM M24

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

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

SERIAL NO.
C6523351

ORDER NO.
5716

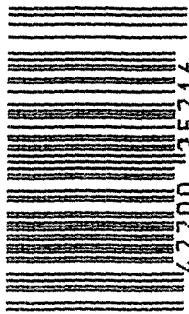
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6523351

LPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523351

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9 90		RW
600	Proof	10 9 90		RW
607	Check Headspace	10 9 90		RW
610	Dis-assemble Gun	10 9 90		RW
612	Magnaflux Barrel Action		10/17/90	KP
	Magnaflux Bolt		10/17/90	KP
615	Rollmark Caliber		10/17/90	GL
617	Drill and Tap Sight Holes		10/18/90	FB
618	Polish Barrel RWB		10/19/90	WB
620	Apply Coatings (Barrel Action)		10/19/90	AA
	Apply Coating (Bolt)		10/19/90	AA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-12-90	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/12/90	W.B.
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/12/90	W.B.
	H) Trigger Pull Test & Retainability						11-12-90	JH
	I) Firing Pin Indent	.0215	.0215	.0215			11/12/90	W.B.
	J) Assemble Stock						11/14/90	RW
	K) Assemble Swivel Studs						11-19-90	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/90	RW
	M) Iron Sight Alignment						11/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/14/90	RW
	O) Attach Scope to Rifle						11/14/90	RW
	P) Detach & Attach Scope 20 Times						11/14/90	RW
640	Gallery Target & Test						11-16-90	AC
	A) Time						11-16-90	AC
	B) Malfunctions						11-16-90	AC
	C) Pierced Primers						11-16-90	AC
	D) Optical Clarity of Scope						11-16-90	AC
645	Inspect for Live Ammo						11-16-90	AC
655	Final Inspection							
	A) Headspace						11-19-90	D/H
	B) Trigger Pull	2.24	2.31	2.25	2.32	2.29	11-19-90	D/H
	C) Function						11-19-90	D/H
660	Pack						12-17-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523351DATE 11-12-90TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.23	2.24	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.20	2.31	2.78	
PULL #3	2.31	2.24	2.25	2.76	
PULL #4	2.32	2.48	2.32	2.76	
PULL #5	2.29	2.38	2.29	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.24		
PULL #2	3.23	3.26		
PULL #3	3.25	3.21		
PULL #4	3.21	3.17		
PULL #5	3.21	3.15		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.18		4.33
PULL #2	4.38	4.42		4.31
PULL #3	4.31	4.38		4.35
PULL #4	4.33	4.38		4.28
PULL #5	4.33	4.33		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523351
16 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.187779
1 TO	2	.183984
1 TO	3	.223271
1 TO	4	.2222
1 TO	5	.277418

3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0744
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .075591
THE AMR FOR THIS RIFLE IS: .9112

16 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS= 1.585

VS= 2.771

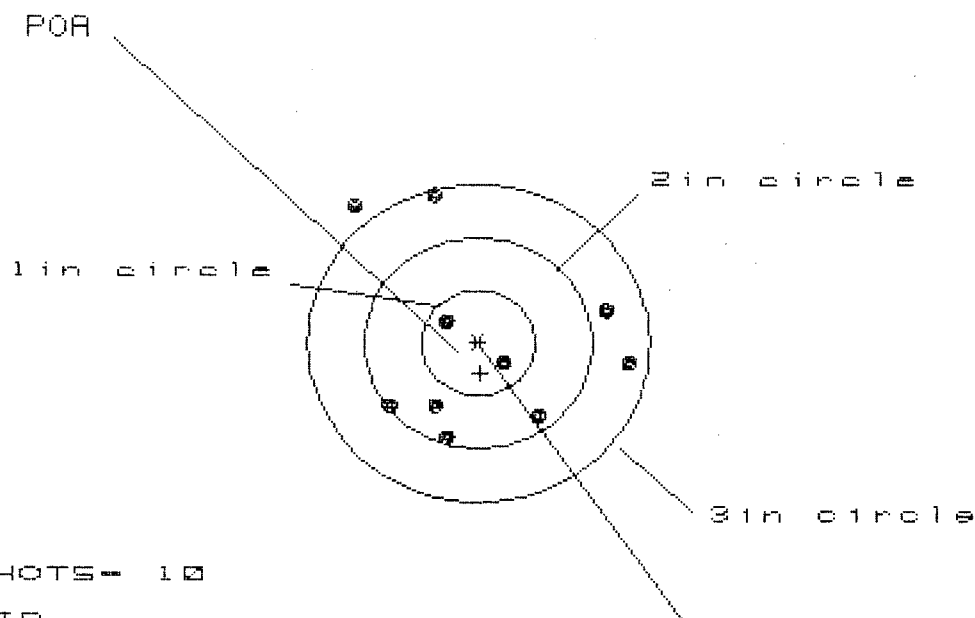
GS= 2.792

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.973	.971	.883
MINIMUM X	:	-.612	-.614	-.492
MAXIMUM Y	:	.982	.783	.652
MINIMUM Y	:	-1.789	-1.049	-1.115
CENTROID X	:	.106	.108	-.014
CENTROID Y	:	.155	.354	.485
POA TO CENTROID in.	:	.188	.370	.485
MIN RADIUS	:	.630	.434	.363
MEAN RADIUS	:	.962	.828	.707
MAX RADIUS	:	1.789	1.429	1.116
HORIZONTAL SPREAD	:	1.585	1.585	1.375
VERTICAL SPREAD	:	2.771	1.832	1.767
EXTREME SPREAD	:	2.792	2.264	1.791
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

16 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.437

VS = 2.329

GS = 2.829

CENTROID *

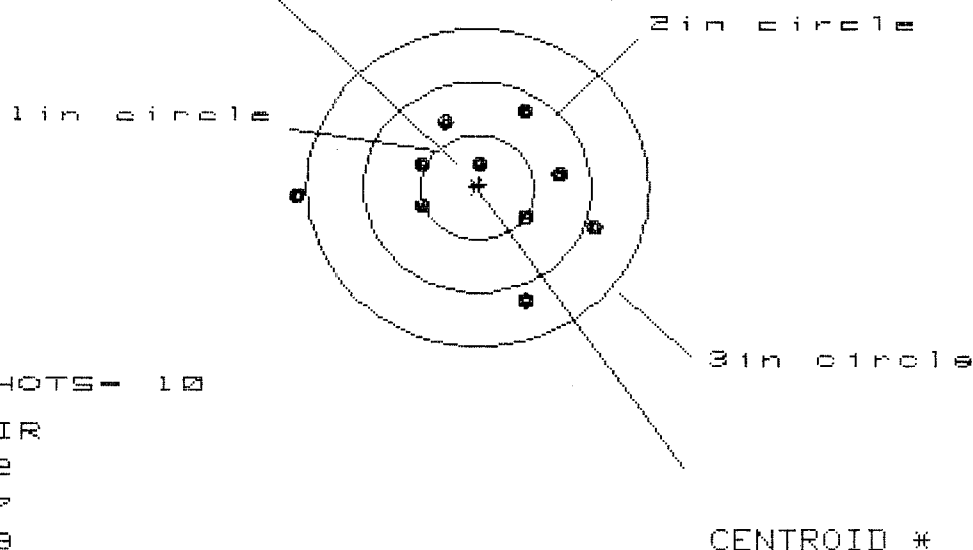
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.365	1.246	1.186
MINIMUM X	:	-1.072	-.883	-.943
MAXIMUM Y	:	1.403	1.544	.634
MINIMUM Y	:	-.926	-.785	-.593
CENTROID X	:	-.019	.100	.160
CENTROID Y	:	.290	.149	-.044
POA TO CENTROID in.	:	.290	.180	.165
MIN RADIUS	:	.277	.093	.122
MEAN RADIUS	:	.978	.869	.752
MAX RADIUS	:	1.656	1.616	1.197
HORIZONTAL SPREAD	:	2.437	2.129	2.129
VERTICAL SPREAD	:	2.329	2.329	1.227
EXTREME SPREAD	:	2.829	2.336	2.176
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Nov 1998

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.584

VS= 1.786

GS= 2.603

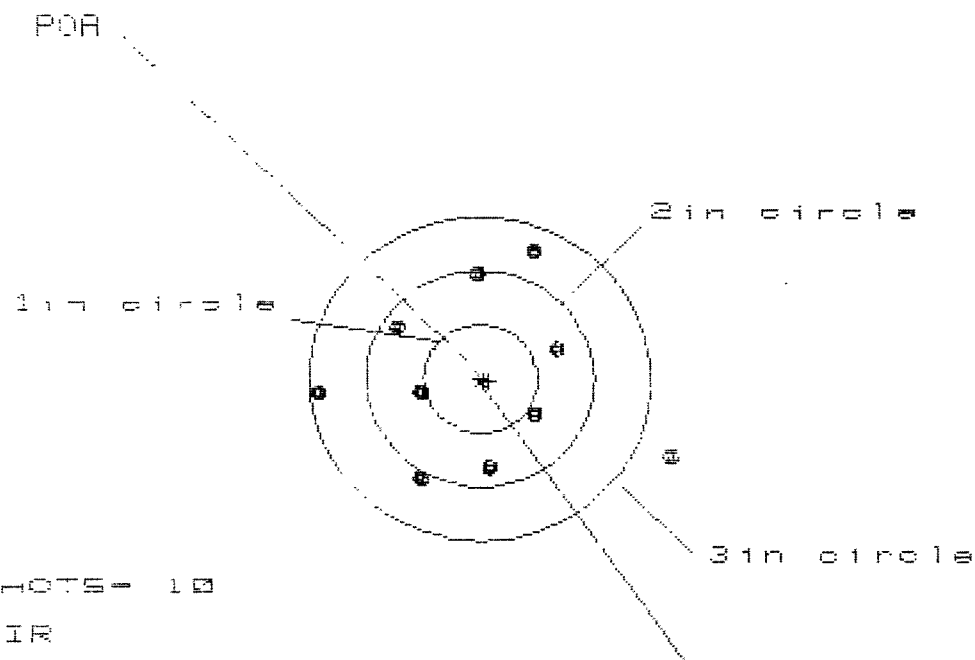
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.798	.823
MINIMUM X	:	-1.607	-.702	-.677
MAXIMUM Y	:	.690	.681	.543
MINIMUM Y	:	-1.096	-1.105	-.537
CENTROID X	:	-.019	.160	.135
CENTROID Y	:	-.030	-.021	.117
POA TO CENTROID in.	:	.035	.161	.178
MIN RADIUS	:	.250	.296	.179
MEAN RADIUS	:	.788	.683	.606
MAX RADIUS	:	1.609	1.123	.983
HORIZONTAL SPREAD	:	2.584	1.500	1.500
VERTICAL SPREAD	:	1.786	1.786	1.080
EXTREME SPREAD	:	2.603	1.826	1.628
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Nov 1998

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

CE= 3.048

VE= 2.135

ES= 3.111

CENTROID *

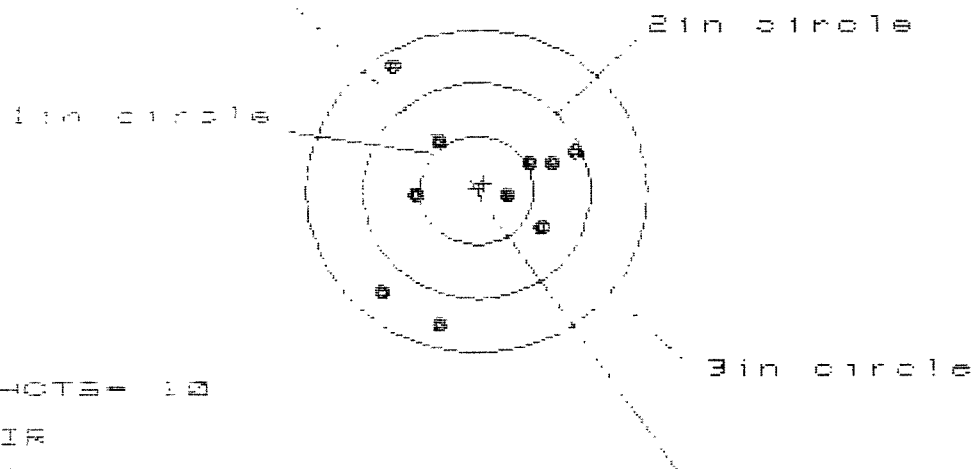
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.624	.805	.649
MINIMUM X	-1.424	-1.244	-.713
MAXIMUM Y	1.224	1.146	1.127
MINIMUM Y	-.911	-.989	-1.098
CENTROID X	-.072	-.252	-.096
CENTROID Y	.022	.099	.118
POA TO CENTROID in.	.075	.271	.152
MIN RADIUS	.539	.406	.550
MEAN RADIUS	1.010	.914	.854
MAX RADIUS	1.767	1.320	1.293
HORIZONTAL SPREAD	3.048	2.049	1.257
VERTICAL SPREAD	2.135	2.135	2.135
EXTREME SPREAD	3.111	2.359	2.359
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

15 NOV 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6523351

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS = 10

IN CIR

1IN = 1

2IN = 7

3IN = 10

CE = 1.889

SE = 2.391

DE = 3.421

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.839	.761	.710
MINIMUM X	-.850	-.928	-.979
MAXIMUM Y	1.124	.624	.481
MINIMUM Y	-1.267	-1.142	-.987
CENTROID X	-.063	.015	.086
CENTROID Y	-.065	-.190	-.047
OFF TO CENTROID in.	.091	.191	.091
MIN RADIUS	.282	.238	.154
MEAN RADIUS	.818	.754	.673
MAX RADIUS	1.327	1.241	1.370
HORIZONTAL SPREAD	1.689	1.689	1.639
VERTICAL SPREAD	2.391	1.766	1.448
EXTREME SPREAD	2.421	2.144	2.144
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	