

[illegible]

Model	Size	Time
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Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

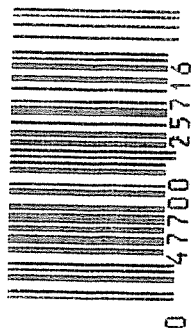
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6522344	ORDER NO. 5716
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LPC



INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522344
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.2664
1 TO	2	.715388
1 TO	3	.345774
1 TO	4	.457739
1 TO	5	.395103

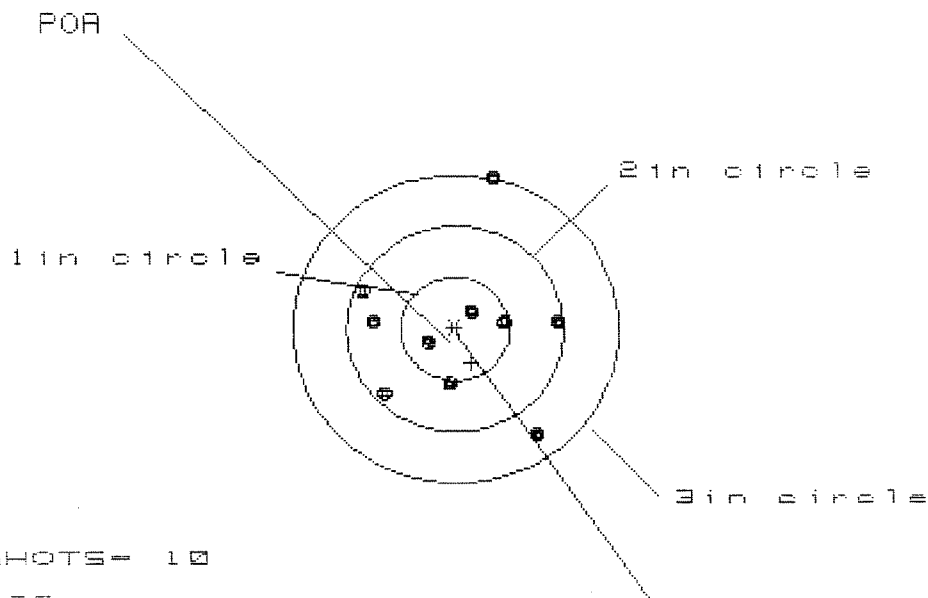
$\frac{5}{2} \times 4$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0546
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0546033
THE AMR FOR THIS RIFLE IS: .9278

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522344.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.760

VS= 2.576

GS= 2.596

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.914
MINIMUM X	-.846
MAXIMUM Y	1.519
MINIMUM Y	-1.057
CENTROID X	-.146
CENTROID Y	.325
POA TO CENTROID in.	.356
MIN RADIUS	.254
MEAN RADIUS	.793
MAX RADIUS	1.568
HORIZONTAL SPREAD	1.760
VERTICAL SPREAD	2.576
EXTREME SPREAD	2.596
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522344.1.1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 1.976

VS= 3.343

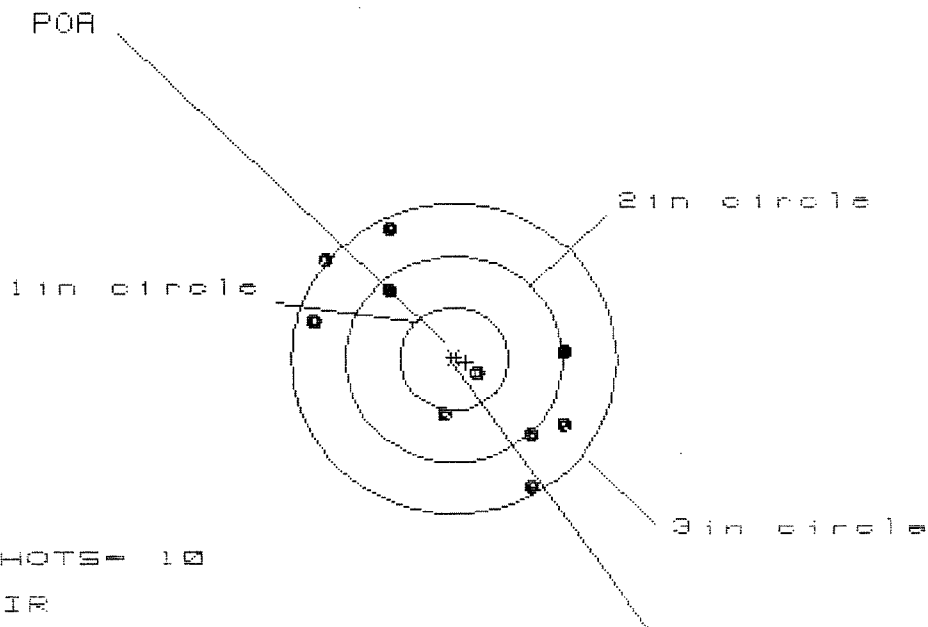
GS= 3.383

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.946	1.061
MINIMUM X	:	-1.016	-1.030	-.915
MAXIMUM Y	:	1.463	1.254	1.052
MINIMUM Y	:	-1.880	-1.617	-.880
CENTROID X	:	.508	.522	.407
CENTROID Y	:	-.190	.019	.221
POA TO CENTROID in.	:	.542	.522	.463
MIN RADIUS	:	.299	.248	.259
MEAN RADIUS	:	1.078	.952	.813
MAX RADIUS	:	1.885	1.862	1.227
HORIZONTAL SPREAD	:	1.976	1.976	1.976
VERTICAL SPREAD	:	3.343	2.871	1.932
EXTREME SPREAD	:	3.383	2.923	2.286
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522344.1.1

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.330

VS= 2.538

GS= 2.849

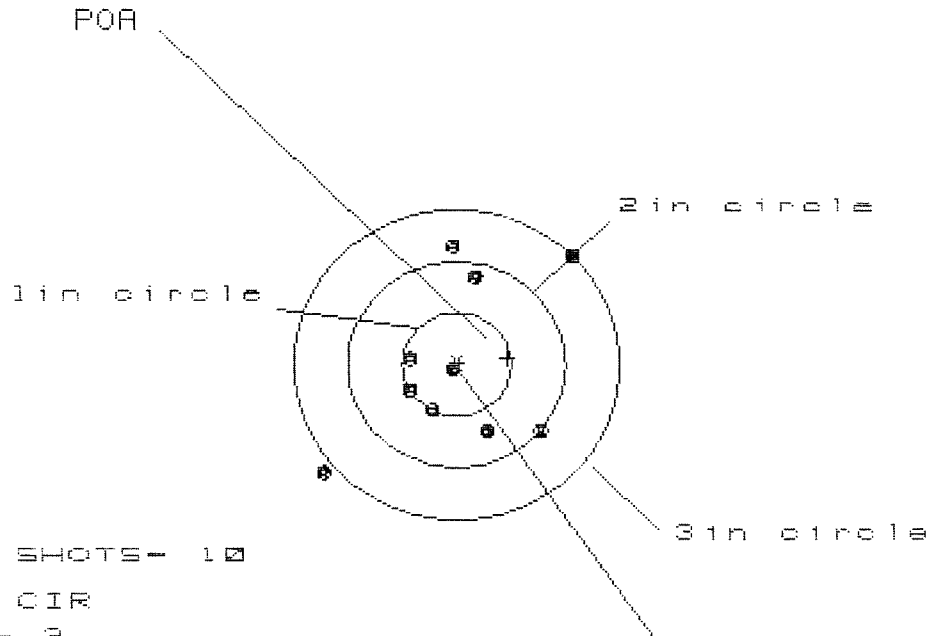
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	.906	.982
MINIMUM X	:	-1.288	-1.424	-1.348
MAXIMUM Y	:	1.270	1.375	1.229
MINIMUM Y	:	-1.268	-1.163	-.752
CENTROID X	:	-.109	.026	-.050
CENTROID Y	:	.034	-.071	.075
POA TO CENTROID in.	:	.115	.075	.090
MIN RADIUS	:	.300	.129	.285
MEAN RADIUS	:	1.071	.979	.961
MAX RADIUS	:	1.537	1.556	1.393
HORIZONTAL SPREAD	:	2.330	2.330	2.330
VERTICAL SPREAD	:	2.538	2.538	1.981
EXTREME SPREAD	:	2.949	2.867	2.534
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522344.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.283

VS= 2.164

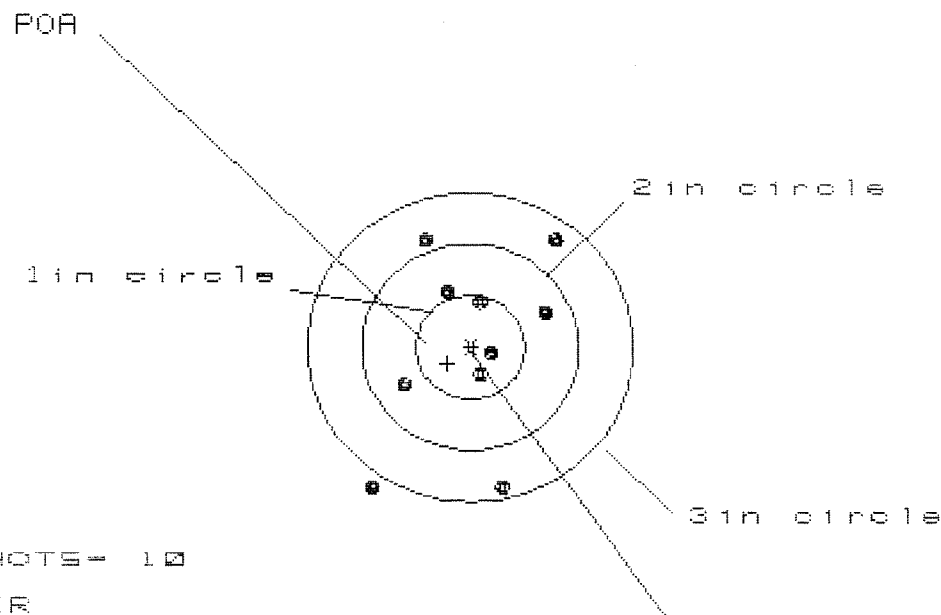
GS= 3.119

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	.926	.787
MINIMUM X	:	-1.221	-.579	-.463
MAXIMUM Y	:	1.122	1.006	1.127
MINIMUM Y	:	-1.042	-.797	-.676
CENTROID X	:	-.469	-.333	-.449
CENTROID Y	:	-.056	.060	-.061
POA TO CENTROID in.	:	.472	.338	.453
MIN RADIUS	:	.062	.239	.079
MEAN RADIUS	:	.844	.792	.669
MAX RADIUS	:	1.606	1.339	1.128
HORIZONTAL SPREAD	:	2.283	1.505	1.250
VERTICAL SPREAD	:	2.164	1.803	1.803
EXTREME SPREAD	:	3.119	2.035	1.934
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522344.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.677

VS= 2.478

GS= 2.935

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.747	.644	.664
MINIMUM X	:	-.930	-.716	-.696
MAXIMUM Y	:	1.078	.927	.733
MINIMUM Y	:	-1.401	-1.551	-.692
CENTROID X	:	.213	.316	.296
CENTROID Y	:	.160	.310	.504
POA TO CENTROID in.	:	.266	.443	.584
MIN RADIUS	:	.230	.206	.062
MEAN RADIUS	:	.853	.738	.613
MAX RADIUS	:	1.641	1.560	.981
HORIZONTAL SPREAD	:	1.677	1.360	1.360
VERTICAL SPREAD	:	2.478	2.478	1.425
EXTREME SPREAD	:	2.935	2.575	1.955
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTROIDAL DISTANCES

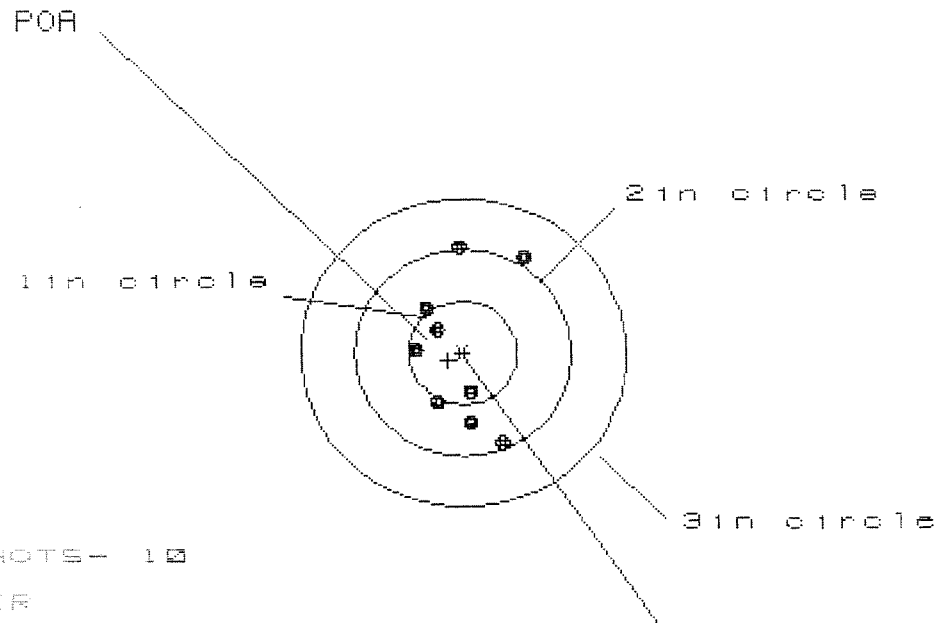
Ø TO	1	.156525
1 TO	2	.0174829
1 TO	3	.218488
1 TO	4	.512149
1 TO	5	.42457

5
3
4 <----POR

6 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522344.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

MS= 1.021

VS= 1.688

GS= 1.624

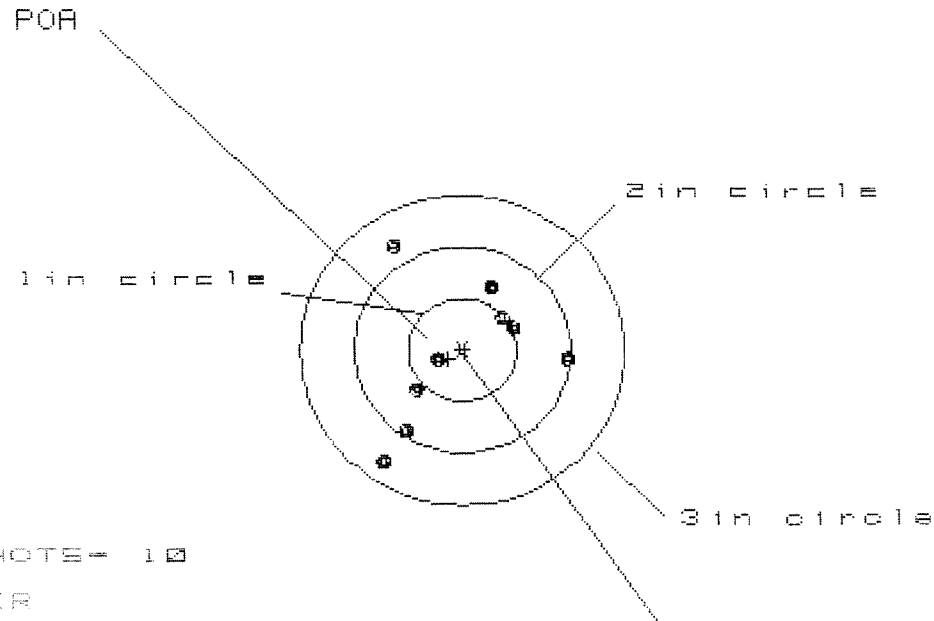
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.605	.442	.451
MINIMUM X	-.416	-.349	-.340
MAXIMUM Y	1.027	1.136	.656
MINIMUM Y	-.861	-.752	-.610
CENTROID X	.140	.073	.064
CENTROID Y	.070	-.039	-.181
EXTREME X (FEET)	.157	.083	.192
EXTREME Y (FEET)	.319	.246	.132
MS (FEET)	.625	.532	.420
MS (INCHES)	1.150	1.138	.759
VS (FEET)	1.021	.791	.791
VS (INCHES)	1.888	1.438	1.438
EXTREME (FEET)	1.624	1.924	1.451
NUMBER IN ONE INCH CIRCLE	=	5	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6522344.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.745

VS = 2.164

GS = 2.168

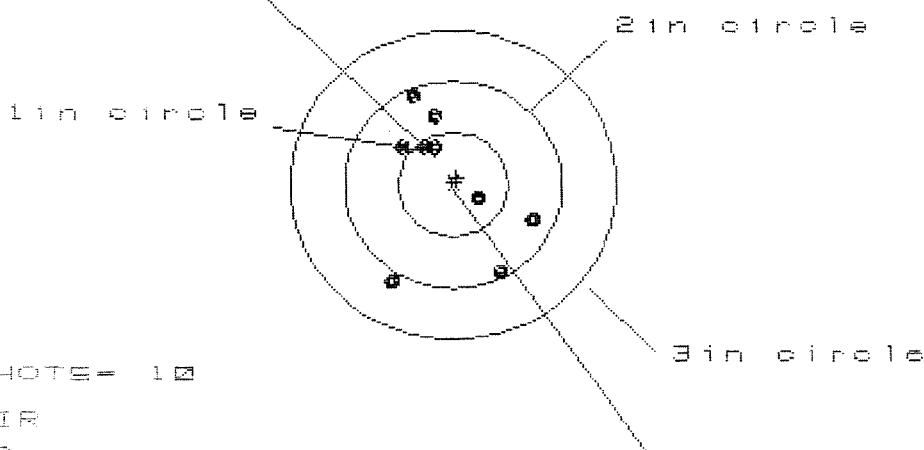
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.011	.929	.844
MINIMUM X	:	-.734	-.686	-.736
MAXIMUM Y	:	1.040	.916	.622
MINIMUM Y	:	-1.123	-.907	-.793
CENTROID X	:	.131	.213	.298
CENTROID Y	:	.085	.210	.096
POA TO CENTROID	:	.156	.299	.313
MIN RADIUS	:	.259	.336	.347
REPR RAD	:	.759	.668	.603
NR RAD	:	1.342	1.144	1.082
HORIZONTAL SPREAD	:	1.745	1.615	1.580
VERTICAL SPREAD	:	2.164	1.823	1.415
EXTREME SPREAD	:	2.168	1.961	1.732
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

6 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522344.1

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.346

VS= 1.786

GS= 1.866

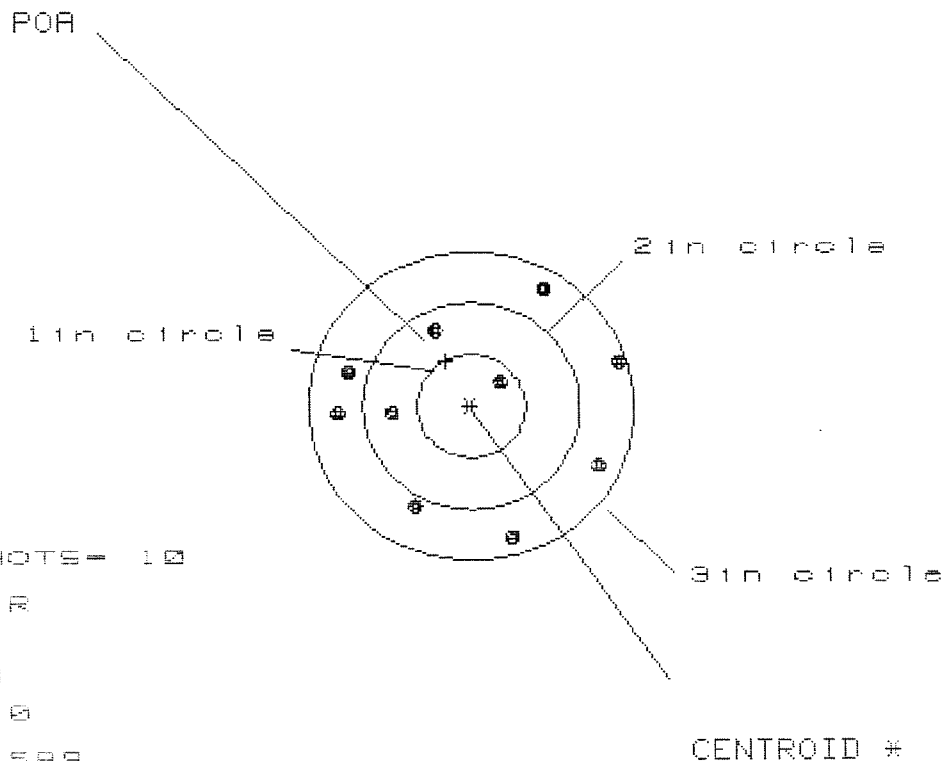
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.756	.690	.635
MINIMUM X	-.590	-.538	-.593
MAXIMUM Y	.870	.769	.613
MINIMUM Y	-.910	-.899	-.803
CENTROID X	-.031	.035	.090
CENTROID Y	-.066	.035	-.061
FOR TO CENTROID	.073	.049	.109
MIN RADII	.253	.290	.179
MEAN RADII	.697	.642	.612
MAX RADII	1.084	.987	.877
HORIZONTAL SPREAD	1.346	1.228	1.228
VERTICAL SPREAD	1.786	1.668	1.416
EXTREME SPREAD	1.866	1.869	1.565
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	10	

6 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522344.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.589

VS= 2.367

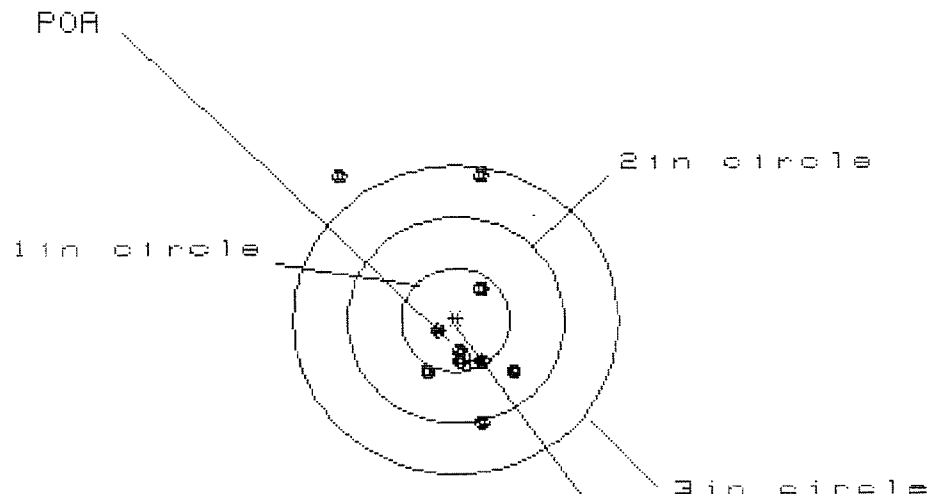
GS= 2.654

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.383	1.279	1.385
MINIMUM X	-1.206	-1.052	-.946
MAXIMUM Y	1.142	1.196	.953
MINIMUM Y	-1.225	-1.171	-1.022
CENTROID X	.231	.077	-.029
CENTROID Y	-.434	-.488	-.637
POA TO CENTROID in	.492	.494	.638
MIN RADIUS	.392	.549	.512
MEAN RADIUS	1.088	1.022	.952
MAX RADIUS	1.464	1.470	1.423
HORIZONTAL SPREAD	2.589	2.331	2.331
VERTICAL SPREAD	2.367	2.367	1.975
EXTREME SPREAD	2.654	2.466	2.394
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	10	

6 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522344.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.568

VS= 2.411

GS= 2.721

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.548	.435	.445
MINIMUM X	-1.020	-.398	-.388
MAXIMUM Y	1.441	1.550	.687
MINIMUM Y	-.970	-.809	-.616
CENTROID X	-.132	-.019	-.029
CENTROID Y	.396	.235	.042
POR TO CENTROID in.	.417	.236	.051
MIN RADIUS	.189	.145	.095
MEAN RADIUS	.722	.546	.367
MAX RADIUS	1.766	1.552	.706
HORIZONTAL SPREAD	1.568	.833	.833
VERTICAL SPREAD	2.411	2.359	1.303
EXTREME SPREAD	2.721	2.359	1.303
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

MOD. _____ GA. CAL. _____ GUN # 6522344

#	TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
		1st	Mag holds just 4 Rds not 5	KS
		2nd	OK Now ADJ'D Box	KS
		3rd	OK	
		4th		
			FUNCTION	Rev 1

RD 6654

Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522344

DATE 8/23/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.75	2.11	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.16	2.11	2.37	
PULL #3	2.14	2.10	2.49	2.45	
PULL #4	2.25	2.15	2.43	2.43	
PULL #5	2.10	2.24	2.40	2.48	
TOTAL	11.10	10.80	11.54	12.22	
AVG.	2.22	2.16	2.308	2.444	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.22		
PULL #2	3.28	3.20		
PULL #3	3.18	3.21		
PULL #4	3.17	3.14		
PULL #5	3.22	3.26		
TOTAL	16.29	16.03		
AVG.	3.258	3.206		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.22		4.11
PULL #2	4.22	4.14		4.19
PULL #3	4.19	4.25		4.19
PULL #4	4.25	4.21		4.23
PULL #5	4.25	4.20		4.26
TOTAL	21.18	21.02		20.98
AVG.	4.236	4.204		4.196

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522344

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	6/24/90	KH
600	Proof		6/24/90	KH
607	Check Headspace		6/24/90	KH
610	Dis-assemble Gun		6/24/90	KH
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	GS
617	Drill and Tap Sight Holes		7/11/90	LB
618	Polish Barrel AB		7/13/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/90	KS
	C) Inspect Ejector Hole for Chamfer		8/1/90	KS
	D) Oil Firing Pin Ass'y		8/1/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/1/90	JK
	G) Safety Off Force	3	3	3			8/1/90	JK
	H) Trigger Pull Test & Retainability						8/23/90	JK
	I) Firing Pin Indent	.021 .022	.021 .022	.021 .022			8/1/90	JK
	J) Assemble Stock						8/2/90	KS
	K) Assemble Swivel Studs						8/2/90	KS
	L) Attach Front and Rear Sight Assemblies						8/2/90	KS
	M) Iron Sight Alignment						8/2/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/2/90	KS
	O) Attach Scope to Rifle						8/2/90	KS
	P) Detach & Attach Scope 20 Times						8/2/90	KS
640	Gallery Target & Test						8-1-90	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						8-6-90	KJ
655	Final Inspection							
	A) Headspace						8/23/90	JK
	B) Trigger Pull	2.49	2.37	2.45	2.43	2.48	8/23/90	JK
	C) Function						8/23/90	JK
660	Pack						9-18-90	JK

2.39

2.38

2.39

2.39

2.39