

06522352

MODEL 700™ M24

Model 515™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

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

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

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

SERIAL NO. C6522352

ORDER NO. 5716

01

5716 C6522352

UPC

0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522352
12 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.260969
1 TO	2	.203902
1 TO	3	.192416
1 TO	4	.336621
1 TO	5	.470545

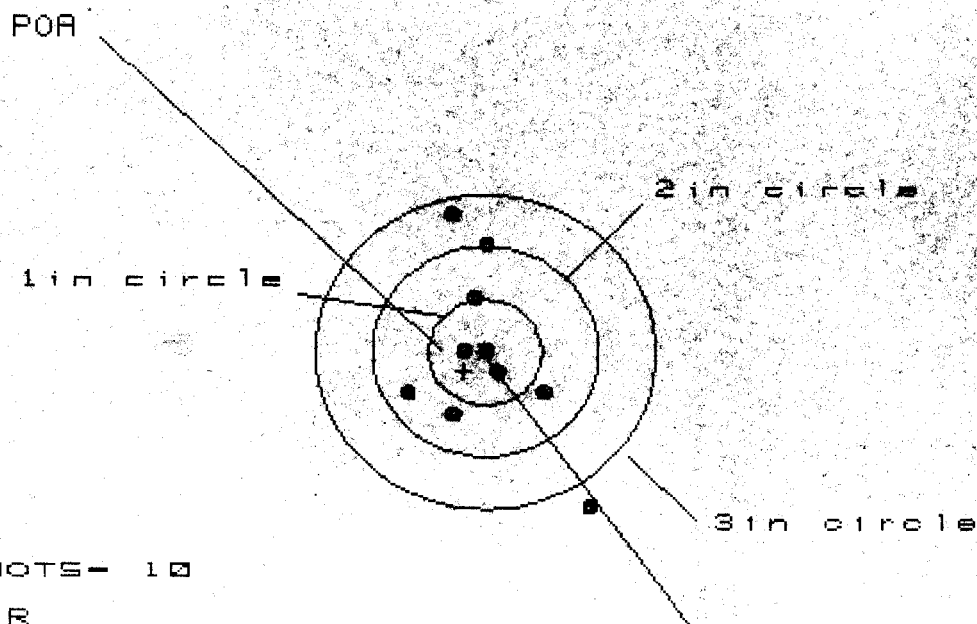
✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1794
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0434
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104575
THE AMR FOR THIS RIFLE IS: 1.058

11 Sep 1990

FILE: PATTERNING/CENTERFIRE_PATT/C6522352

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 9

HS - 1.648

VS - 2.799

GS - 3.053

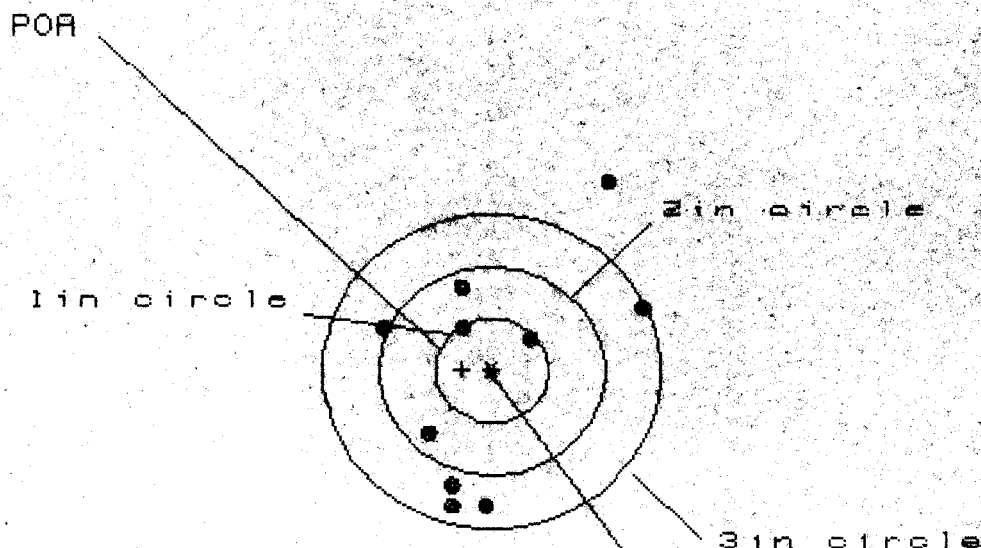
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.923	.650	.626
MINIMUM X	-.725	-.622	-.646
MAXIMUM Y	1.348	1.187	1.004
MINIMUM Y	-1.451	-.767	-.618
CENTROID X	.188	.085	.109
CENTROID Y	.181	.342	.193
POA TO CENTROID in.	.260	.352	.222
MIN RADIUS	.080	.180	.142
MEAN RADIUS	.737	.633	.533
MAX RADIUS	1.720	1.203	1.008
HORIZONTAL SPREAD	1.648	1.272	1.272
VERTICAL SPREAD	2.799	1.954	1.622
EXTREME SPREAD	3.053	1.954	1.650
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

11 Sep 1998

FILE: PATTERNING/CENTERFIRE_PATT/C6522352

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 9

HS- 2.279

VS- 3.152

GS- 3.449

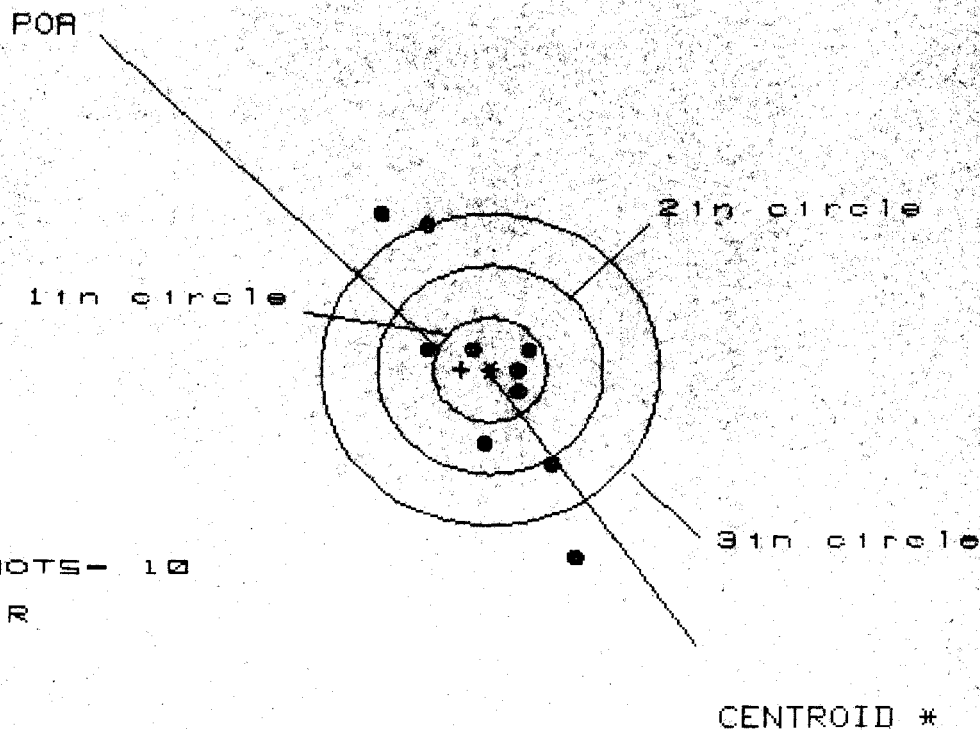
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	1.465	.637
MINIMUM X	:	-.935	-.814	-.631
MAXIMUM Y	:	1.826	1.054	1.151
MINIMUM Y	:	-1.326	-1.123	-1.026
CENTROID X	:	.262	.141	-.042
CENTROID Y	:	-.009	-.212	-.309
POA TO CENTROID in.	:	.262	.255	.311
MIN RADIUS	:	.422	.598	.411
MEAN RADIUS	:	1.102	.973	.861
MAX RADIUS	:	2.125	1.656	1.154
HORIZONTAL SPREAD	:	2.279	2.279	1.268
VERTICAL SPREAD	:	3.152	2.177	2.177
EXTREME SPREAD	:	3.449	2.517	2.179
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CB522352

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 7

HS= 1.670

VS= 3.281

GS= 3.682

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.747	.649	.543
MINIMUM X	-.923	-.840	-.554
MAXIMUM Y	1.517	1.321	1.403
MINIMUM Y	-1.764	-1.052	-.887
CENTROID X	.256	.173	.278
CENTROID Y	.001	.197	.032
POA TO CENTROID in.	.256	.263	.280
MIN RADIUS	.271	.116	.268
MEAN RADIUS	.885	.778	.643
MAX RADIUS	1.916	1.566	1.509
HORIZONTAL SPREAD	1.670	1.489	1.098
VERTICAL SPREAD	3.281	2.373	2.290
EXTREME SPREAD	3.682	2.801	2.540
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

11 Sep 1998

FILE: PATTERNING/CENTERFIRE_PATT/C6582352

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.154

VS= 1.942

GS= 3.263

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.799	1.491	1.346
MINIMUM X	:	-1.355	-1.155	-.967
MAXIMUM Y	:	1.050	1.044	.932
MINIMUM Y	:	-.892	-.898	-.919
CENTROID X	:	.221	.021	.166
CENTROID Y	:	-.154	-.148	-.036
POA TO CENTROID in.	:	.270	.150	.170
MIN RADIUS	:	.512	.549	.539
MEAN RADIUS	:	1.138	1.041	.995
MAX RADIUS	:	1.800	1.768	1.586
HORIZONTAL SPREAD	:	3.154	2.646	2.313
VERTICAL SPREAD	:	1.942	1.942	1.851
EXTREME SPREAD	:	3.263	3.227	2.727
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

11 Sep 1990

FILE: PATTERNING/CENTERFIRE_PATT/C8522352

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 5

HS = 3.470

VS = 4.380

GS = 4.391

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.815	1.728	1.580
MINIMUM X	:	-1.655	-1.742	-1.890
MAXIMUM Y	:	2.060	1.802	.974
MINIMUM Y	:	-2.320	-.797	-.572
CENTROID X	:	-.030	.057	.205
CENTROID Y	:	-.236	.022	-.204
POA TO CENTROID in.	:	.238	.061	.289
MIN RADIUS	:	.540	.728	.605
MEAN RADIUS	:	1.429	1.330	1.163
MAX RADIUS	:	2.448	2.156	2.126
HORIZONTAL SPREAD	:	3.470	3.470	3.470
VERTICAL SPREAD	:	4.380	2.599	1.545
EXTREME SPREAD	:	4.391	3.580	3.580
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6527352

DATE 9/10/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.35	2.39	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.37	2.29	2.44	
PULL #3	2.20	2.35	2.38	2.45	
PULL #4	2.29	2.33	2.38	2.47	
PULL #5	2.27	2.39	2.34	2.42	
TOTAL	11.57	11.79	11.78	12.22	
AVG.	2.31	2.36	2.36	2.444	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.21		
PULL #2	3.18	3.25		
PULL #3	3.20	3.30		
PULL #4	3.22	3.23		
PULL #5	3.17	3.19		
TOTAL	15.88	16.18		
AVG.	3.18	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.14		4.15
PULL #2	4.05	4.21		4.21
PULL #3	4.07	4.10		4.29
PULL #4	4.11	4.11		4.14
PULL #5	4.08	4.13		4.24
TOTAL	20.38	20.79		20.03
AVG.	4.08	4.16		4.21

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6522352

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	8/13/90	KS
600	Proof		8/13/90	KS
607	Check Headspace		8/13/90	KS
610	Dis-assemble Gun		8/13/90	KS
612	Magnaflux Barrel Action		8/16	KCR
	Magnaflux Bolt		8/16	KCR
615	Rollmark Caliber		8/16	GL
617	Drill and Tap Sight Holes		8/16/90	WB
618	Polish Barrel <i>RB</i>		8/16/90	WB
620	Apply Coatings (Barrel Action)		8/31/90	JA
	Apply Coating (Bolt)			
625	Final Assembly		9/10/90	WB
	A) Clean inside of Bolt Assembly		9/10/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/10/90	WB
	C) Inspect Ejector Hole for Chamfer		9/10/90	WB
	D) Oil Firing Pin Ass'y		9/10/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/10/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/10/90	WB
	H) Trigger Pull Test & Retainability						9/10/90	WB
	I) Firing Pin Indent	.023	.023	.023			9/10/90	WB
	J) Assemble Stock						9/10/90	KS
	K) Assemble Swivel Studs						9/15/90	928
	L) Attach Front and Rear Sight Assemblies						9/10/90	KS
	M) Iron Sight Alignment						9/10/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/10/90	KS
	O) Attach Scope to Rifle						9/14/90	KS
	P) Detach & Attach Scope 20 Times						9/10/90	KS
640	Gallery Target & Test						9/11/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9/11/90	NF
655	Final Inspection							
	A) Headspace						9/15/90	928
	B) Trigger Pull	2.44	2.44	2.45	2.47	2.42	9-14-90	921
	C) Function						9/15/90	928
660	Pack						9/30/90	NF