

C6649260

MODEL 700™ H24

Model **545**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

M2400067085

CONFIDENTIAL -SUBJECT TO PROTECTIVE ORDER

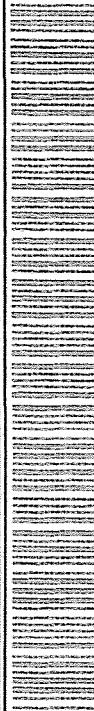
Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

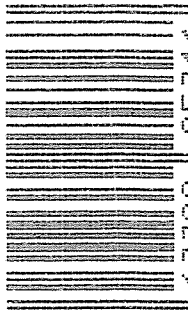
SERIAL NO. C6649260	ORDER NO. 5716
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649260

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649260

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 91		RW
600	Proof	6 25 91		RW
607	Check Headspace	6 25 91		RW
610	Dis-assemble Gun	6 25 91		RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	GS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	1/11
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/91	JH

Op. #	Op. Name	Readings					Date	Init
625 cont.	F) Safety On Force	5	5	5			9/4/91	SH
	G) Safety Off Force	3	3	3			9/4/91	SH
	H) Trigger Pull Test & Retainability						9/4/91	SH
	I) Firing Pin Indent	.021	.0215	.0215			9/4/91	SH
	J) Assemble Stock						9/4/91	RW
	K) Assemble Swivel Studs						9-9-91	AC
	L) Attach Front and Rear Sight Assemblies						9/4/91	RW
	M) Iron Sight Alignment						9/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/4/91	RW
	O) Attach Scope to Rifle						9/4/91	RW
	P) Detach & Attach Scope 20 Times						9/4/91	RW
640	Gallery Target & Test						9-4-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						9-4-91	NE
655	Final Inspection							
	A) Headspace						9-9-91	AC
	B) Trigger Pull	2.63	2.56	2.64	2.58	2.62	9-6-91	SH
	C) Function						9-9-91	AC
660	Pack						9-7-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C-6649260
DATE 9/4/91
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.52	2.45	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.56	2.48	2.56	
PULL #3	2.57	2.48	2.50	2.64	
PULL #4	2.57	2.46	2.44	2.58	
PULL #5	2.63	2.46	2.40	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.22		
PULL #2	3.32	3.23		
PULL #3	3.29	3.24		
PULL #4	3.26	3.25		
PULL #5	3.26	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.40		4.41
PULL #2	4.28	4.41		4.35
PULL #3	4.35	4.39		4.33
PULL #4	4.37	4.32		4.36
PULL #5	4.38	4.34		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649260
4 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.04245
1 TO	2	.200232
1 TO	3	.329074
1 TO	4	.0606383
1 TO	5	.427874

s^2 <----POA

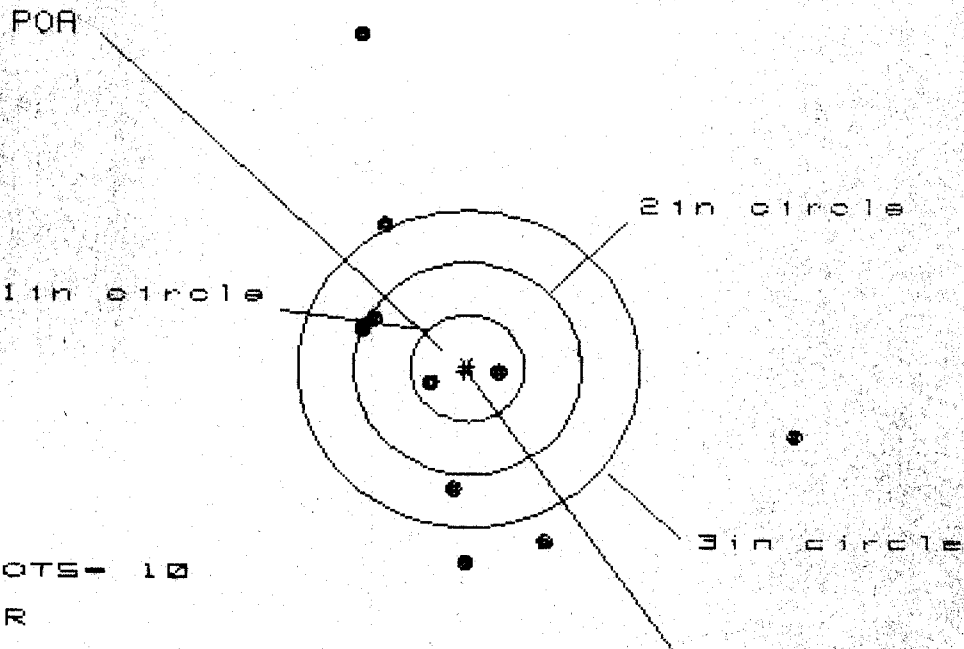
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.023
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0425516
THE POI FOR THIS RIFLE IS: 1.17

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649260

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 3.805

VS= 4.944

GS= 5.375

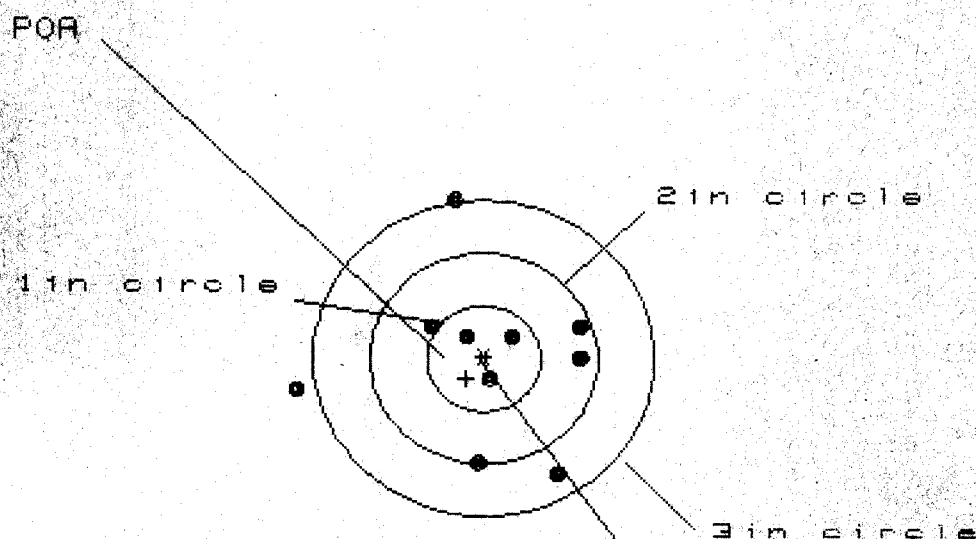
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.860	2.755	.942
MINIMUM X	:	-.945	-1.016	-.672
MAXIMUM Y	:	3.145	1.767	1.729
MINIMUM Y	:	-1.799	-1.449	-1.487
CENTROID X	:	.029	.134	-.210
CENTROID Y	:	.031	-.319	-.281
POA TO CENTROID in.	:	.043	.346	.351
MIN RADIUS	:	.288	.403	.153
MEAN RADIUS	:	1.504	1.298	1.048
MAX RADIUS	:	3.284	2.771	1.785
HORIZONTAL SPREAD	:	3.805	3.771	1.614
VERTICAL SPREAD	:	4.944	3.216	3.216
EXTREME SPREAD	:	5.375	4.104	3.332
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			5	

4 Sep 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.553

VS= 2.618

GS= 2.770

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.693	.633
MINIMUM X	:	-1.674	-.640	-.700
MAXIMUM Y	:	1.408	1.457	.493
MINIMUM Y	:	-1.130	-1.161	-.979
CENTROID X	:	.152	.338	.398
CENTROID Y	:	.189	.220	.038
POA TO CENTROID in.	:	.243	.403	.400
MIN RADIUS	:	.232	.227	.258
MEAN RADIUS	:	.873	.768	.680
MAX RADIUS	:	1.697	1.534	1.045
HORIZONTAL SPREAD	:	2.553	1.333	1.333
VERTICAL SPREAD	:	2.618	2.618	1.472
EXTREME SPREAD	:	2.770	2.770	1.766
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649260

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 1.976

VS = 3.072

GS = 3.082

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.991	.957	.617
MINIMUM X	-.985	-1.019	-.899
MAXIMUM Y	1.050	1.232	1.102
MINIMUM Y	-1.222	-1.016	-.862
CENTROID X	.022	.056	-.064
CENTROID Y	-.298	-.504	-.658
POA TO CENTROID in.	.299	.507	.661
MIN RADIUS	.540	.440	.406
MEAN RADIUS	1.049	.912	.812
MAX RADIUS	1.875	1.560	1.422
HORIZONTAL SPREAD	1.976	1.976	1.516
VERTICAL SPREAD	3.072	2.248	1.964
EXTREME SPREAD	3.082	2.729	2.102
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649260

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 1.732

VS= 4.068

GS= 4.088

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.818

.820

.771

-.914

-.912

-.961

2.120

1.053

.839

-1.948

-1.713

-1.363

.015

.013

.062

-.028

-.263

-.049

.032

.264

.079

.531

.658

.514

1.143

1.045

.915

2.120

1.757

1.386

1.732

1.732

1.732

4.068

2.766

2.202

4.088

2.876

2.283

0

5

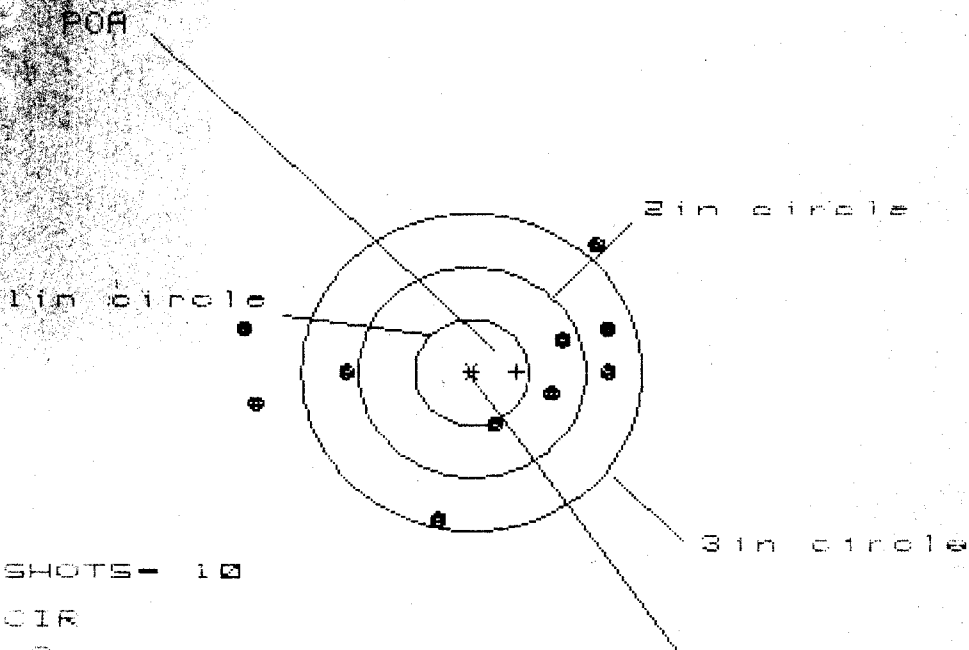
8

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FILE:/PATTERNING/CENTERFIRE_PATT/C8649260

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.246

VS= 2.670

GS= 3.354

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	.991	.729
MINIMUM X	:	-2.029	-2.100	-1.560
MAXIMUM Y	:	1.237	1.279	1.250
MINIMUM Y	:	-1.433	-1.391	-1.419
CENTROID X	:	-.397	-.171	.091
CENTROID Y	:	-.009	-.051	-.022
AGE TO CENTROID (X)	:	.397	.179	.094
AGE TO CENTROID (Y)	:	.558	.483	.289
MEAN RADIIUS	:	1.279	1.131	.931
MAX RADIIUS	:	2.064	2.112	1.605
HORIZONTAL SPREAD	:	3.246	3.091	2.289
VERTICAL SPREAD	:	2.670	2.670	2.670
EXTREME SPREAD	:	3.354	3.354	3.007
COUNT IN ONE INCH CIRCLE	=		0	
COUNT IN TWO INCH CIRCLE	=		3	
COUNT IN THREE INCH CIRCLE	=		7	