

C6611719

MODEL 700™ M24

Model **S&S**™

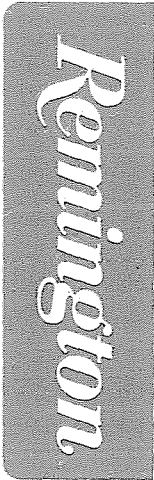
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
MODEL 700™ H24

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

DU PONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6611719

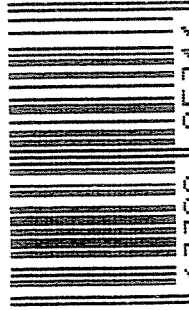
ORDER NO.
5716

46

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611719

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	KR
615	Rollmark Caliber	APR	2 1991	LS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/17/91	SM

op. #	BARBER M24 0034754	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/17/91	JK
	G) Safety Off Force	3	3	3			4/17/91	JK
	H) Trigger Pull Test & Retainability						4/17/91	JK
	I) Firing Pin Indent	0226	0225	022			4/17/91	JK
	J) Assemble Stock						4/24/91	RW
	K) Assemble Swivel Studs						5-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/24/91	RW
	M) Iron Sight Alignment						4/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/24/91	RW
	O) Attach Scope to Rifle						4/24/91	RW
	P) Detach & Attach Scope 20 Times						4/24/91	RW
640	Gallery Target & Test						4-24-91	D/H
	A) Time						4-24-91	D/H
	B) Malfunctions						4-24-91	D/H
	C) Pierced Primers						4-24-91	D/H
	D) Optical Clarity of Scope						4-24-91	D/H
645	Inspect for Live Ammo						4-24-91	D/H
655	Final Inspection							
	A) Headspace						5-1-91	D/H
	B) Trigger Pull	2.49	2.51	2.55	2.57	2.60	4/26/91	JK
	C) Function						5-1-91	D/H
660	Pack						6-19-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611719

DATE 4/17/91

TESTER J21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.20	2.35	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.31	2.33	2.51	
PULL #3	2.38	2.24	2.35	2.55	
PULL #4	2.36	2.35	2.28	2.57	
PULL #5	2.34	2.32	2.30	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.35		
PULL #2	3.50	3.37		
PULL #3	3.38	3.41		
PULL #4	3.34	3.41		
PULL #5	3.43	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.41		4.41
PULL #2	4.22	4.39		4.27
PULL #3	4.36	4.39		4.42
PULL #4	4.46	4.29		4.51
PULL #5	4.45	4.48		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611719
24 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.252517
1 TO	2	.38444
1 TO	3	.454763
1 TO	4	.570919
1 TO	5	.138571

314 <----POA
42

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .116165

THE AMR FOR THIS RIFLE IS: 1.016

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611719

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.188

VS = 3.605

GS = 3.665

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.085	1.012	1.003
MINIMUM X	-1.103	-1.176	-1.185
MAXIMUM Y	1.825	1.627	.976
MINIMUM Y	-1.780	-1.156	-.952
CENTROID X	.249	.322	.331
CENTROID Y	.042	.240	.036
POA TO CENTROID in.	.252	.401	.333
MIN RADIUS	.302	.095	.282
MEAN RADIUS	.995	.865	.767
MAX RADIUS	1.897	1.629	1.188
HORIZONTAL SPREAD	2.188	2.188	2.188
VERTICAL SPREAD	3.605	2.783	1.928
EXTREME SPREAD	3.665	2.795	2.200
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611719

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.346

VS= 2.374

GS= 3.390

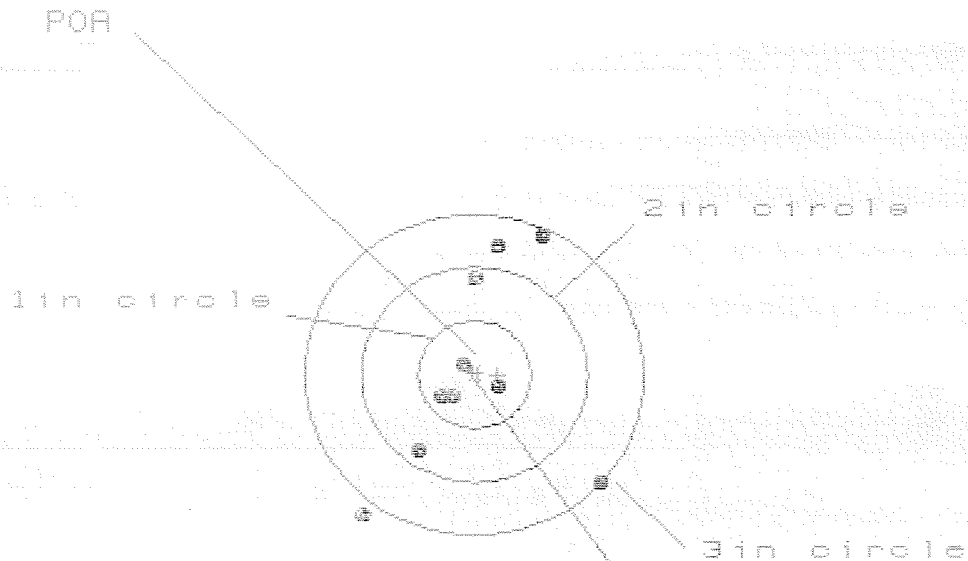
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.060	.781	.851
MINIMUM X	-1.286	-1.058	-.988
MAXIMUM Y	1.570	1.589	.911
MINIMUM Y	-.804	-.785	-.587
CENTROID X	.064	-.164	-.234
CENTROID Y	-.295	-.314	-.512
POA TO CENTROID in.	.302	.354	.563
MIN RADIUS	.128	.161	.245
MEAN RADIUS	1.052	.926	.811
MAX RADIUS	2.066	1.682	1.151
HORIZONTAL SPREAD	3.346	1.839	1.839
VERTICAL SPREAD	2.374	2.374	1.498
EXTREME SPREAD	3.390	2.530	2.171
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611713

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.089

VS= 2.546

GS= 3.009

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.070	.957	.591
MINIMUM X	-1.019	-.650	-.530
MAXIMUM Y	1.258	1.115	.978
MINIMUM Y	-1.287	-1.103	-.981
CENTROID X	-.204	-.091	-.211
CENTROID Y	.002	.146	.283
POA TO CENTROID in.	.204	.172	.353
MIN RADIUS	.126	.198	.197
MEAN RADIUS	.853	.787	.699
MAX RADIUS	1.642	1.460	1.142
HORIZONTAL SPREAD	2.089	1.607	1.121
VERTICAL SPREAD	2.546	2.218	1.959
EXTREME SPREAD	3.009	2.359	2.257
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811719

CENTERFIRE PATTERNS

4

POA

2in circle

1in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.473

VS= 2.727

GS= 3.232

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.811

.626

.584

MINIMUM X

-1.662

-.914

-.835

MAXIMUM Y

1.308

1.381

1.213

MINIMUM Y

-1.419

-1.346

-1.068

CENTROID X

-.241

-.056

-.135

CENTROID Y

-.251

-.324

-.156

POA TO CENTROID in.

.348

.329

.206

MIN RADIUS

.171

.167

.040

MEAN RADIUS

.975

.863

.766

MAX RADIUS

1.789

1.484

1.268

HORIZONTAL SPREAD

2.473

1.540

1.419

VERTICAL SPREAD

2.727

2.727

2.281

EXTREME SPREAD

3.232

2.932

2.426

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611719

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.415

VS= 2.558

GS= 3.427

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.384	1.158	1.172
MINIMUM X	-2.031	-1.185	-1.040
MAXIMUM Y	1.026	1.084	1.192
MINIMUM Y	-1.532	-1.474	-1.367
CENTROID X	.178	.404	.259
CENTROID Y	-.077	-.135	-.242
POA TO CENTROID in.	.194	.426	.355
MIN RADIUS	.313	.348	.174
MEAN RADIUS	1.203	1.099	1.021
MAX RADIUS	2.096	1.484	1.402
HORIZONTAL SPREAD	3.415	2.343	2.212
VERTICAL SPREAD	2.558	2.558	2.558
EXTREME SPREAD	3.427	2.698	2.585
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		