

C6636019

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

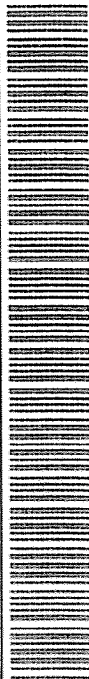
Remington
MODEL 700™ H24

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

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

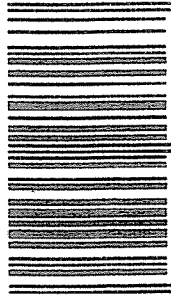
SERIAL NO. C6636019	20
ORDER NO. 5716	

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



5716 C6636019

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636019

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8 9 1	5/1/91	KS
	Magnaflux Bolt	5 8 9 1	5/1/91	KS
615	Rollmark Caliber		5/1/91	GS
617	Drill and Tap Sight Holes	5 15 9 1	5/1/91	KS
618	Polish Barrel	5 15 9 1	5/1/91	KS
620	Apply Coatings (Barrel Action)		5-31-91	KS
	Apply Coating (Bolt)		5-31-91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		6-6-91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-6-91	KS
	C) Inspect Ejector Hole for Chamfer		6-6-91	KS
	D) Oil Firing Pin Ass'y		6-6-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-7-91	KS

op. #	BARBER - M24 0036746	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-7-91	JH
	G) Safety Off Force	4	4	4			6-7-91	JH
	H) Trigger Pull Test & Retainability						6-7-91	JH
	I) Firing Pin Indent	1.0205	.0225	.0225			6-7-91	JH
	J) Assemble Stock						6-7-91	KS
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						6-7-91	KS
	M) Iron Sight Alignment						6-7-91	KS
	N) Detach Front & Rear Sights & place in numbered container						6-7-91	KS
	O) Attach Scope to Rifle						6-7-91	KS
	P) Detach & Attach Scope 20 Times						6-7-91	KS
640	Gallery Target & Test						6-10-91	DH
	A) Time						6-10-91	DH
	B) Malfunctions						6-10-91	DH
	C) Pierced Primers						6-10-91	DH
	D) Optical Clarity of Scope						6-10-91	DH
645	Inspect for Live Ammo						6-10-91	DH
655	Final Inspection							
	A) Headspace						6-13-91	A
	B) Trigger Pull	2.69	2.70	2.75	2.70	2.69	6-13-91	JH
	C) Function						6-13-91	AC
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636019

DATE 6-7-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.52	2.49	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.54	2.52	2.70	
PULL #3	2.25	2.52	2.50	2.75	
PULL #4	2.49	2.53	2.55	2.70	
PULL #5	2.59	2.54	2.58	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.40		
PULL #2	3.50	3.32		
PULL #3	3.45	3.29		
PULL #4	3.40	3.27		
PULL #5	3.36	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	4.34	4.21		4.16
PULL #2	4.31	4.20		4.50
PULL #3	4.31	4.19		4.46
PULL #4	4.25	4.18		4.47
PULL #5	4.21	4.20		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636019
10 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.418374
1 TO	2	.50852
1 TO	3	.0970052
1 TO	4	.434839
1 TO	5	.266242

$\frac{d}{c} +$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1494
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1802
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .234078
THE AMR FOR THIS RIFLE IS: 1.023

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CSS36013

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 3.187

VS= 1.991

GS= 3.469

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.925	.736	.639
MINIMUM X	-1.262	-1.048	-1.145
MAXIMUM Y	.727	.794	.645
MINIMUM Y	-1.264	-1.197	-1.007
CENTROID X	.101	-.113	-.016
CENTROID Y	.406	.339	.480
POA TO CENTROID in.	.419	.357	.489
MIN RADIUS	.209	.076	.118
MEAN RADIUS	.892	.765	.643
MAX RADIUS	2.020	1.428	1.146
HORIZONTAL SPREAD	3.187	1.784	1.784
VERTICAL SPREAD	1.991	1.991	1.452
EXTREME SPREAD	3.469	2.502	1.827
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636019

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 0

2 in - 6

3 in - 9

HS - 1.644

VS - 3.940

GS - 4.032

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.786
MINIMUM X	:	-.858
MAXIMUM Y	:	.942
MINIMUM Y	:	-2.998
CENTROID X	:	.124
CENTROID Y	:	-.102
POA TO CENTROID in.	:	.161
MIN RADIUS	:	.625
MEAN RADIUS	:	1.103
MAX RADIUS	:	3.036
HORIZONTAL SPREAD	:	1.644
VERTICAL SPREAD	:	3.940
EXTREME SPREAD	:	4.032
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	9

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636019

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 3.124

VS= 3.227

GS= 3.761

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.445	1.258	1.219
MINIMUM X	:	-1.679	-1.269	-1.308
MAXIMUM Y	:	1.522	1.333	1.149
MINIMUM Y	:	-1.705	-1.554	-1.388
CENTROID X	:	.100	.287	.326
CENTROID Y	:	.309	.498	.332
POR TO CENTROID in.	:	.325	.575	.465
MIN RADIUS	:	.132	.187	.137
MEAN RADIUS	:	1.102	.910	.927
MAX RADIUS	:	2.393	1.744	1.618
HORIZONTAL SPREAD	:	3.124	2.527	2.527
VERTICAL SPREAD	:	3.227	2.887	2.537
EXTREME SPREAD	:	3.761	2.926	2.873
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08835019

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 3.094

VS= 2.289

GS= 3.555

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.974	.739	.786
MINIMUM X	:	-2.120	-.797	-.756
MAXIMUM Y	:	1.090	.960	.873
MINIMUM Y	:	-1.199	-1.329	-1.209
CENTROID X	:	.432	.667	.620
CENTROID Y	:	.124	.254	.134
POA TO CENTROID in.	:	.449	.714	.634
MIN RADIUS	:	.433	.570	.596
MEAN RADIUS	:	1.091	.895	.897
MAX RADIUS	:	2.422	1.422	1.296
HORIZONTAL SPREAD	:	3.094	1.536	1.536
VERTICAL SPREAD	:	2.289	2.289	2.082
EXTREME SPREAD	:	3.555	2.438	2.236
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8838013

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.190

VS= 2.583

GS= 2.655

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.022
MINIMUM X	-1.168
MAXIMUM Y	1.492
MINIMUM Y	-1.091
CENTROID X	-.010
CENTROID Y	.164
POA TO CENTROID in.	.164
MIN RADIUS	.308
MEAN RADIUS	.925
MAX RADIUS	1.492
HORIZONTAL SPREAD	2.190
VERTICAL SPREAD	2.583
EXTREME SPREAD	2.655
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	10