

C6636335

MODEL 700TM M24

Model SWS TM

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.

Remington

Remington®

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.

DU PONT
REG. U.S. PAT. & T.M. OFF.

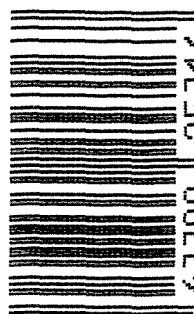
SERIAL NO.
C6636335

ORDER NO.
5716



5716 C6636335

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636335

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	K.S.
600	Proof		5/3/91	K.S.
607	Check Headspace		5/3/91	K.S.
610	Dis-assemble Gun		5/3/91	K.S.
612	Magnaflux Barrel Action	5 8 0 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		G.B.
617	Drill and Tap Sight Holes	5 15 9 1		F.B.
618	Polish Barrel	5 15 9 1		W.B.
620	Apply Coatings (Barrel Action)		5/29/91	THA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/91	K.S.
	C) Inspect Ejector Hole for Chamfer		6/4/91	K.S.
	D) Oil Firing Pin Ass'y		6/4/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		6-5/91	Jll

Op. #	BARBER NM24 0033179	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-5-91	JH
	G) Safety Off Force	3	3	3			6-5-91	JH
	H) Trigger Pull Test & Retainability						6-5-91	JH
	I) Firing Pin Indent	.0225	.0225	.0225			6-5-91	JH
	J) Assemble Stock						6/5/91	KS
	K) Assemble Swivel Studs						6-14-91	JH
	L) Attach Front and Rear Sight Assemblies						6/5/91	KS
	M) Iron Sight Alignment						6/5/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/5/91	KS
	O) Attach Scope to Rifle						6/5/91	KS
	P) Detach & Attach Scope 20 Times						6/5/91	KS
640	Gallery Target & Test						6/6/91	KT
	A) Time						c.i.	KT
	B) Malfunctions						c.i.	KT
	C) Pierced Primers						c.i.	KT
	D) Optical Clarity of Scope						c.i.	KT
645	Inspect for Live Ammo						6/6/91	KT
655	Final Inspection							
	A) Headspace						6-14-91	JH
	B) Trigger Pull	2.65	2.70	2.69	2.75	2.68	6-13-91	JH
	C) Function						6-14-91	JH
660	Pack						6-19-91	NE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636335

DATE 6-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.29	2.30	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.28	2.20	2.70	
PULL #3	2.41	2.22	2.22	2.69	
PULL #4	2.27	2.31	2.31	2.75	
PULL #5	2.38	2.18	2.30	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.63	3.58		
PULL #2	3.35	3.54		
PULL #3	3.64	3.62		
PULL #4	3.27	3.64		
PULL #5	3.38	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.30		4.16
PULL #2	4.52	4.36		4.40
PULL #3	4.36	4.37		4.46
PULL #4	4.50	4.38		4.23
PULL #5	4.22	4.27		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636335
6 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.199249
1 TO	2	.313193
1 TO	3	.115434
1 TO	4	.445063
1 TO	5	.188162

4
Amm

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0238
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0984
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101237

THE AMR FOR THIS RIFLE IS: 1.056

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6596335

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.349

VS = 4.460

GS = 4.837

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.788	1.028	1.042
MINIMUM X	-1.561	-1.362	-1.348
MAXIMUM Y	2.525	2.310	1.763
MINIMUM Y	-1.935	-1.126	-0.838
CENTROID X	-0.060	-0.259	-0.273
CENTROID Y	-0.190	0.025	-0.263
POA TO CENTROID in.	0.199	0.260	0.379
MIN RADIUS	0.330	0.183	0.186
MEAN RADIUS	1.402	1.263	1.084
MAX RADIUS	2.635	2.312	1.768
HORIZONTAL SPREAD	3.349	2.390	2.390
VERTICAL SPREAD	4.460	3.436	2.601
EXTREME SPREAD	4.837	3.549	2.683
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C863B335

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 3.228

VS = 1.436

GS = 3.340

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.853	1.325	1.179
MINIMUM X	:	-1.375	-1.169	-1.578
MAXIMUM Y	:	.551	.599	.553
MINIMUM Y	:	-.885	-.837	-.882
CENTROID X	:	.119	-.087	.059
CENTROID Y	:	.067	.019	.065
POA TO CENTROID in.	:	.137	.089	.087
MIN RADIUS	:	.164	.184	.123
MEAN RADIUS	:	.834	.658	.607
MAX RADIUS	:	1.905	1.340	1.205
HORIZONTAL SPREAD	:	3.228	2.494	1.757
VERTICAL SPREAD	:	1.436	1.436	1.436
EXTREME SPREAD	:	3.340	2.500	1.780
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08696335

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.140

VS = 3.689

GS = 4.081

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.742	1.586	1.610
MINIMUM X	:	-1.398	-0.931	-0.907
MAXIMUM Y	:	1.828	1.621	1.284
MINIMUM Y	:	-1.861	-1.859	-1.657
CENTROID X	:	.026	.182	.158
CENTROID Y	:	-.267	-.061	-.263
POA TO CENTROID in.	:	.269	.191	.307
MIN RADIUS	:	.445	.518	.554
MEAN RADIUS	:	1.425	1.301	1.264
MAX RADIUS	:	2.328	1.957	1.774
HORIZONTAL SPREAD	:	3.140	2.517	2.517
VERTICAL SPREAD	:	3.689	3.480	2.941
EXTREME SPREAD	:	4.081	3.505	3.234
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

6 Jun 1991

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CENTERFIRE PATTERNS

4

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 = 2.512

VS = 2.603

GS = 2.807

CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.536	1.240	1.281
MINIMUM X	-.976	-.806	-.765
MAXIMUM Y	1.526	1.490	.748
MINIMUM Y	-1.077	-1.113	-.926
CENTROID X	.000	-.170	-.211
CENTROID Y	.251	.287	.101
POA TO CENTROID in.	.251	.333	.234
MIN RADIUS	.317	.392	.228
MEAN RADIUS	.957	.885	.771
MAX RADIUS	1.569	1.526	1.311
HORIZONTAL SPREAD	2.512	2.046	2.046
VERTICAL SPREAD	2.603	2.603	1.675
EXTREME SPREAD	2.807	2.807	2.305
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

6 Jun 1991

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 9

HS= 1.058

VS= 2.930

GS= 2.950

PATTERN #

13

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.400	.392	.405
MINIMUM X	-.658	-.614	-.601
MAXIMUM Y	.974	.757	.700
MINIMUM Y	-1.956	-.804	-.709
CENTROID X	.034	-.010	-.023
CENTROID Y	-.353	-.136	-.231
POA TO CENTROID in.	.355	.137	.232
MIN RADIUS	.240	.208	.201
MEAN RADIUS	.664	.495	.447
MAX RADIUS	1.996	.822	.733
HORIZONTAL SPREAD	1.058	1.006	1.006
VERTICAL SPREAD	2.930	1.561	1.409
EXTREME SPREAD	2.950	1.563	1.440
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	9		