

C6636333

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.



Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

SERIAL NO.
C6636333

ORDER NO.
5716

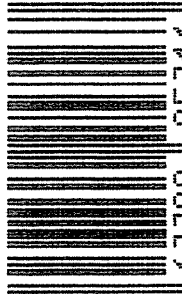
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6636333

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636333

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action	5 8 9 1		KCR
	Magnaflux Bolt	5 8 9 1		KCR
615	Rollmark Caliber	5 8 9 1		GB
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-29-91	JS
	Apply Coating (Bolt)		5-29-91	JS
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/91	KS
	C) Inspect Ejector Hole for Chamfer		6/4/91	KS
	D) Oil Firing Pin Ass'y		6/4/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-10-91	JS

op. #	BARBER - M24 0033157	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-10-91	JH
	G) Safety Off Force	4	4	4			6-10-91	JH
	H) Trigger Pull Test & Retainability						6-10-91	JH
	I) Firing Pin Indent	1022	1022	1022			6-10-91	JH
	J) Assemble Stock						6/10/91	KS
	K) Assemble Swivel Studs						6-12-91	A
	L) Attach Front and Rear Sight Assemblies						6/10/91	KS
	M) Iron Sight Alignment						6/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/10/91	KS
	O) Attach Scope to Rifle						6/10/91	KS
	P) Detach & Attach Scope 20 Times						6/10/91	KS
640	Gallery Target & Test						6-11-91	DH
	A) Time						6-11-91	DH
	B) Malfunctions						6-11-91	DH
	C) Pierced Primers						6-11-91	DH
	D) Optical Clarity of Scope						6-11-91	DH
645	Inspect for Live Ammo						6-11-91	DH
655	Final Inspection							
	A) Headspace						6-12-91	K
	B) Trigger Pull	2.30	2.20	2.15	2.15	2.17	6-12-91	JH
	C) Function						6-12-91	K
660	Pack						6/20/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636333

DATE 6-10-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.55	2.50	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.42	2.50	2.20	
PULL #3	2.54	2.37	2.49	2.15	
PULL #4	2.65	2.53	2.50	2.15	
PULL #5	2.60	2.53	2.47	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.62		
PULL #2	3.55	3.60		
PULL #3	3.56	3.60		
PULL #4	3.60	3.56		
PULL #5	3.61	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.48		4.48
PULL #2	4.42	4.49		4.29
PULL #3	4.49	4.44		4.53
PULL #4	4.38	4.48		4.48
PULL #5	4.41	4.51		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636333
10 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.304532
1 TO	2	.174642
1 TO	3	.375281
1 TO	4	.323872
1 TO	5	.648588

531 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0342
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.11
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115194
THE AMR FOR THIS RIFLE IS: .9086

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8836333

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.061

VS= 2.462

GS= 3.508

PATTERN #

1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	1.071	1.039
MINIMUM X	:	-1.791	-1.455	-1.321
MAXIMUM Y	:	1.190	1.155	.991
MINIMUM Y	:	-1.272	-1.307	-1.321
CENTROID X	:	.254	.453	.319
CENTROID Y	:	-.168	-.133	.031
POR TO CENTROID in.	:	.305	.472	.321
MIN RADIUS	:	.528	.432	.451
MEAN RADIUS	:	1.208	1.108	1.026
MAX RADIUS	:	1.919	1.837	1.630
HORIZONTAL SPREAD	:	3.061	2.526	2.360
VERTICAL SPREAD	:	2.462	2.462	2.312
EXTREME SPREAD	:	3.508	3.508	2.787
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/C663B333

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.495

VS= 1.242

GS= 2.654

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.162	1.261	1.110
MINIMUM X	-1.334	-1.205	-1.979
MAXIMUM Y	.712	.349	.335
MINIMUM Y	-.530	-.451	-.465
CENTROID X	.120	-.009	.142
CENTROID Y	-.056	-.135	-.121
POA TO CENTROID in.	.133	.135	.186
MIN RADIUS	.280	.178	.234
MEAN RADIUS	.783	.702	.635
MAX RADIUS	1.362	1.305	1.156
HORIZONTAL SPREAD	2.496	2.466	2.089
VERTICAL SPREAD	1.242	.800	.800
EXTREME SPREAD	2.654	2.507	2.117
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/06B36333

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.253

VS= 2.088

CS= 2.294

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.925	.777	.707
MINIMUM X	-1.328	-.868	-.938
MAXIMUM Y	1.038	1.026	.696
MINIMUM Y	-1.050	-1.062	-.933
CENTROID X	-.106	.042	.112
CENTROID Y	-.062	-.050	-.179
POA TO CENTROID in.	.122	.065	.211
MIN RADIUS	.599	.452	.423
MEAN RADIUS	.892	.820	.759
MAX RADIUS	1.332	1.169	1.127
HORIZONTAL SPREAD	2.253	1.645	1.645
VERTICAL SPREAD	2.088	2.088	1.629
EXTREME SPREAD	2.294	2.128	1.947
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/C66688333

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HE = 3.137

VS = 2.146

GS = 3.166

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.968	1.079	1.009
MINIMUM X	-1.169	-.950	-1.020
MAXIMUM Y	.945	.987	.843
MINIMUM Y	-1.201	-1.159	-1.115
CENTROID X	-.018	-.237	-.167
CENTROID Y	-.051	-.093	.052
POA TO CENTROID in.	.054	.255	.175
MIN RADIUS	.198	.029	.160
MEAN RADIUS	.943	.794	.725
MAX RADIUS	2.005	1.285	1.167
HORIZONTAL SPREAD	3.137	2.029	2.029
VERTICAL SPREAD	2.146	2.146	1.957
EXTREME SPREAD	3.166	2.239	2.140
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

01 Jun 1991

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CENTERFIRE PATTERNS

5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HE = 1.371

VS = 2.818

GS = 3.628

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.478

.378

.393

MINIMUM X

-.893

-.338

-.323

MAXIMUM Y

1.233

1.057

.524

MINIMUM Y

-1.585

-.868

-.736

CENTROID X

-.391

-.291

-.306

CENTROID Y

-.213

-.037

-.169

POB TO CENTROID in.

.445

.294

.350

MIN RADIUS

.167

.224

.216

MEAN RADIUS

.717

.568

.500

MAX RADIUS

1.819

1.064

.803

HORIZONTAL SPREAD

1.371

.716

.716

VERTICAL SPREAD

2.818

1.925

1.260

EXTREME SPREAD

3.628

1.978

1.274

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9