

C6636006

MODEL 700™ M24

Model **SMS**™

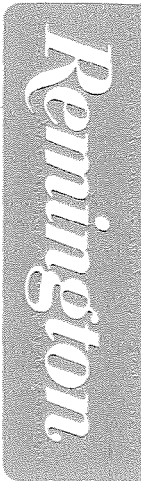
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ H24

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

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

SERIAL NO. C6636006

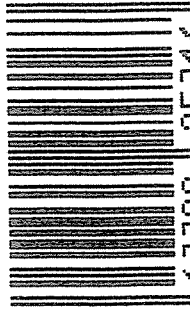
ORDER NO. 5716

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



5716 C6636006

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636006

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2 9 1		RW
600	Proof	5 2 9 1		RW
607	Check Headspace		5 1	RW
610	Dis-assemble Gun	5 2 9 1		RW
612	Magnaflux Barrel Action	5 2 9 1		KCD
	Magnaflux Bolt	5 2 9 1		KCD
615	Rollmark Caliber			CS
617	Drill and Tap Sight Holes	5 15 9 1		FB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-29-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/30/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	RW
	C) Inspect Ejector Hole for Chamfer		5/30/91	RW
	D) Oil Firing Pin Ass'y		5/30/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/31/91	JP

op. #	BARBER M24 0036585	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/31/91	JK
	G) Safety Off Force	3	3	3			5/31/91	JK
	H) Trigger Pull Test & Retainability						5/31/91	JK
	I) Firing Pin Indent	.022	.022	.022			5/31/91	JK
	J) Assemble Stock						5/31/91	RW
	K) Assemble Swivel Studs						6-3-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/31/91	RW
	M) Iron Sight Alignment						5/31/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/31/91	RW
	O) Attach Scope to Rifle						5/31/91	RW
	P) Detach & Attach Scope 20 Times						5/31/91	RW
640	Gallery Target & Test						6-1-91	AC
	A) Time						6-1-91	AC
	B) Malfunctions						6-1-91	AC
	C) Pierced Primers						6-1-91	AC
	D) Optical Clarity of Scope						6-1-91	AC
645	Inspect for Live Ammo						6-1-91	AC
655	Final Inspection							
	A) Headspace						6-3-91	D/H
	B) Trigger Pull	2.20	2.21	2.26	2.23	2.28	6/3/91	JK
	C) Function						6-3-91	D/H
660	Pack						6-20-91	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636006

DATE 5/31/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.38	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.39	2.41	2.21	
PULL #3	2.30	2.36	2.39	2.26	
PULL #4	2.30	2.40	2.35	2.23	
PULL #5	2.23	2.34	2.38	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.65	3.70		
PULL #2	3.59	3.68		
PULL #3	3.52	3.71		
PULL #4	3.60	3.67		
PULL #5	3.36	3.70		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.51		4.31
PULL #2	4.32	4.39		4.34
PULL #3	4.12	4.46		4.29
PULL #4	4.20	4.37		4.32
PULL #5	4.20	4.28		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636006
1 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.175026
1 TO	2	.197231
1 TO	3	.384606
1 TO	4	.334628
1 TO	5	.32195

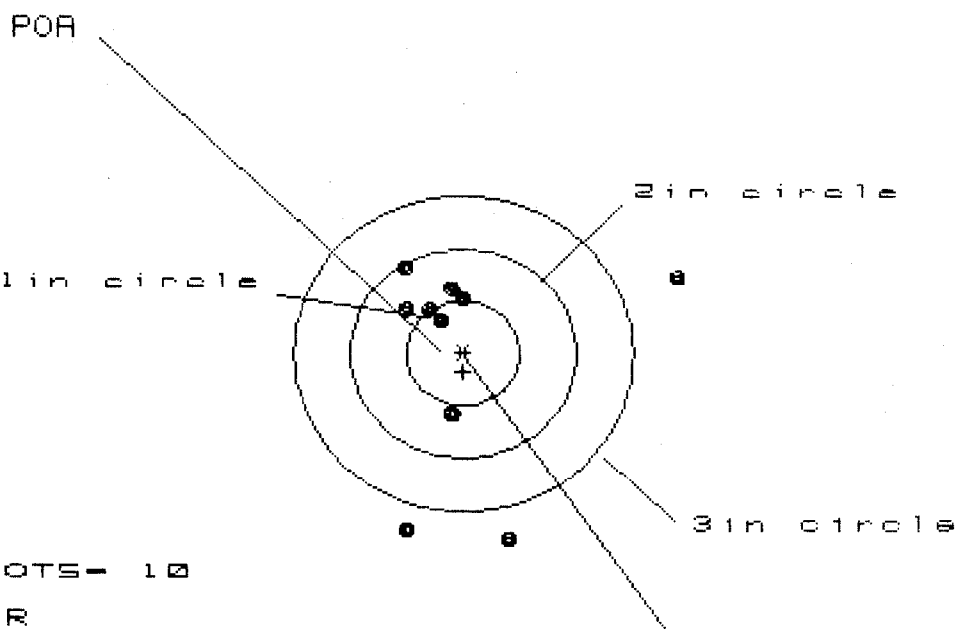
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .166
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0096
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166277
THE AMR FOR THIS RIFLE IS: 1.023

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636006

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in = 7

HS= 2.429

VS= 2.636

GS= 3.415

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.879	.624	.243
MINIMUM X	-.550	-.341	-.264
MAXIMUM Y	.861	.947	.736
MINIMUM Y	-1.775	-1.689	-1.752
CENTROID X	.003	-.206	-.284
CENTROID Y	.175	.089	.300
POA TO CENTROID in.	.175	.224	.413
MIN RADIUS	.395	.400	.192
MEAN RADIUS	.984	.855	.638
MAX RADIUS	2.032	1.800	1.772
HORIZONTAL SPREAD	2.429	.965	.506
VERTICAL SPREAD	2.636	2.636	2.488
EXTREME SPREAD	3.415	2.778	2.490
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636006

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in = 9

HS= 2.603

VS= 2.644

GS= 2.659

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.139	.956
MINIMUM X	:	-1.405	-1.464	-.623
MAXIMUM Y	:	1.040	.862	.876
MINIMUM Y	:	-1.604	-1.098	-1.084
CENTROID X	:	.079	.138	.321
CENTROID Y	:	-.007	.171	.157
POA TO CENTROID in.	:	.079	.220	.358
MIN RADIUS	:	.368	.394	.452
MEAN RADIUS	:	.956	.857	.766
MAX RADIUS	:	1.691	1.469	1.157
HORIZONTAL SPREAD	:	2.603	2.603	1.579
VERTICAL SPREAD	:	2.644	1.960	1.960
EXTREME SPREAD	:	2.659	2.634	1.967
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jun 1991

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS = 2.833

VS = 3.002

GS = 3.263

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.492	1.614	1.186
MINIMUM X	:	-1.341	-1.219	-1.017
MAXIMUM Y	:	1.139	.932	1.047
MINIMUM Y	:	-1.863	-.918	-.802
CENTROID X	:	.312	.190	-.012
CENTROID Y	:	-.054	.153	.037
POA TO CENTROID in.	:	.317	.244	.039
MIN RADIUS	:	.636	.605	.605
MEAN RADIUS	:	1.241	1.117	.993
MAX RADIUS	:	2.163	1.859	1.402
HORIZONTAL SPREAD	:	2.833	2.833	2.203
VERTICAL SPREAD	:	3.002	1.850	1.850
EXTREME SPREAD	:	3.263	3.263	2.574
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636006

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 7

HS= 3.204

VS= 1.883

GS= 3.456

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.209	1.018
MINIMUM X	:	-1.795	-1.528	-.923
MAXIMUM Y	:	.861	.813	.679
MINIMUM Y	:	-1.022	-1.070	-.723
CENTROID X	:	.129	.329	.520
CENTROID Y	:	-.135	-.087	.047
POA TO CENTROID in.	:	.187	.340	.522
MIN RADIUS	:	.257	.203	.257
MEAN RADIUS	:	.959	.824	.681
MAX RADIUS	:	1.847	1.865	1.224
HORIZONTAL SPREAD	:	3.204	2.737	1.941
VERTICAL SPREAD	:	1.883	1.883	1.402
EXTREME SPREAD	:	3.456	3.322	2.012
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

1 Jun 1991

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.854

VS = 2.114

GS = 2.982

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.370	1.233
MINIMUM X	:	-1.273	-1.098	-.891
MAXIMUM Y	:	1.214	1.251	1.188
MINIMUM Y	:	-.899	-.863	-.926
CENTROID X	:	.307	.132	.269
CENTROID Y	:	.069	.032	.095
POA TO CENTROID in.	:	.315	.135	.285
MIN RADIUS	:	.272	.293	.300
MEAN RADIUS	:	.973	.886	.842
MAX RADIUS	:	1.614	1.417	1.285
HORIZONTAL SPREAD	:	2.854	2.468	2.124
VERTICAL SPREAD	:	2.114	2.114	2.114
EXTREME SPREAD	:	2.982	2.613	2.450
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	