

06636020

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

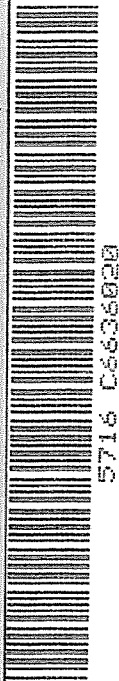
Order No. 5716

*Includes 1 in chamber.



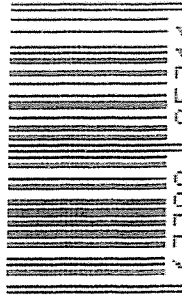
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Remington REG. U.S. PAT. & TM. OFF.		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6636020	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.			



5716 C6636020

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636020

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/23/91	K.S.
600	Proof		4/23/91	K.S.
607	Check Headspace		4/23/91	K.S.
610	Dis-assemble Gun		4/23/91	K.S.
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber		3 1	GR
617	Drill and Tap Sight Holes	5 15 9 1		F.S.
618	Polish Barrel	5 15 9 1		W.S.
620	Apply Coatings (Barrel Action)		5-31-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6-6-91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-6-91	K.S.
	C) Inspect Ejector Hole for Chamfer		6-6-91	K.S.
	D) Oil Firing Pin Ass'y		6-6-91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		6-10-91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-10-91	SH
	G) Safety Off Force	4	4	4			6-10-91	SH
	H) Trigger Pull Test & Retainability						6-10-91	SH
	I) Firing Pin Indent	.0225	.0225	.0225			6-10-91	SH
	J) Assemble Stock						6-10-91	
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						6-10-91	
	M) Iron Sight Alignment						6-10-91	
	N) Detach Front & Rear Sights & place in numbered container						6-10-91	
	O) Attach Scope to Rifle						6-10-91	
	P) Detach & Attach Scope 20 Times						6-10-91	
640	Gallery Target & Test						6-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-11-91	AF
655	Final Inspection							
	A) Headspace						6-13-91	A
	B) Trigger Pull	2.23	2.22	2.22	2.23	2.24	6-13-91	SH
	C) Function						6-13-91	A
660	Pack						6-19-91	AF

MOD. _____ GA. CAL. _____ GUN # 6020

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
NF	1st	Ejector Sticks & Safe Binds	KS
	6/11		
	2nd		
	2nd	Ejector polished and stock filed	KS
	3rd	100 Rd test OK June 12, 1991 AC	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	100 Rd test June 12 1991 OK	AS
TEST <i>AC</i>		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6636020

DATE 6-10-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.54	2.55	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.53	2.48	2.22	
PULL #3	2.59	2.49	2.53	2.22	
PULL #4	2.48	2.51	2.58	2.23	
PULL #5	2.54	2.59	2.58	2.24	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.30		
PULL #2	3.40	3.27		
PULL #3	3.38	3.33		
PULL #4	3.25	3.35		
PULL #5	3.30	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.64	4.24		4.34
PULL #2	4.57	4.56		4.15
PULL #3	4.52	4.58		4.21
PULL #4	4.43	4.36		4.13
PULL #5	4.46	4.40		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636020
12 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.151078
1 TO	2	.331789
1 TO	3	.140132
1 TO	4	.359201
1 TO	5	.421627

$\frac{1}{5}$ <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2328
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1098
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .257394
THE AMR FOR THIS RIFLE IS: 1.172

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636020

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 0

2in - 2

3in = 8

HS= 2.980

VS= 2.966

GS= 3.318

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.313	1.128	1.103
MINIMUM X	:	-1.667	-1.175	-1.200
MAXIMUM Y	:	1.863	1.976	1.452
MINIMUM Y	:	-1.103	-0.990	-1.743
CENTROID X	:	.018	.203	.320
CENTROID Y	:	-.150	-.263	-.509
POA TO CENTROID in.	:	.151	.332	.556
MIN RADIUS	:	.843	.817	.869
MEAN RADIUS	:	1.297	1.196	1.042
MAX RADIUS	:	1.952	1.986	1.507
HORIZONTAL SPREAD	:	2.980	2.303	2.563
VERTICAL SPREAD	:	2.966	2.966	2.196
EXTREME SPREAD	:	3.318	3.007	2.466
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	8		

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6836020

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 5

HS= 3.708

VS= 2.017

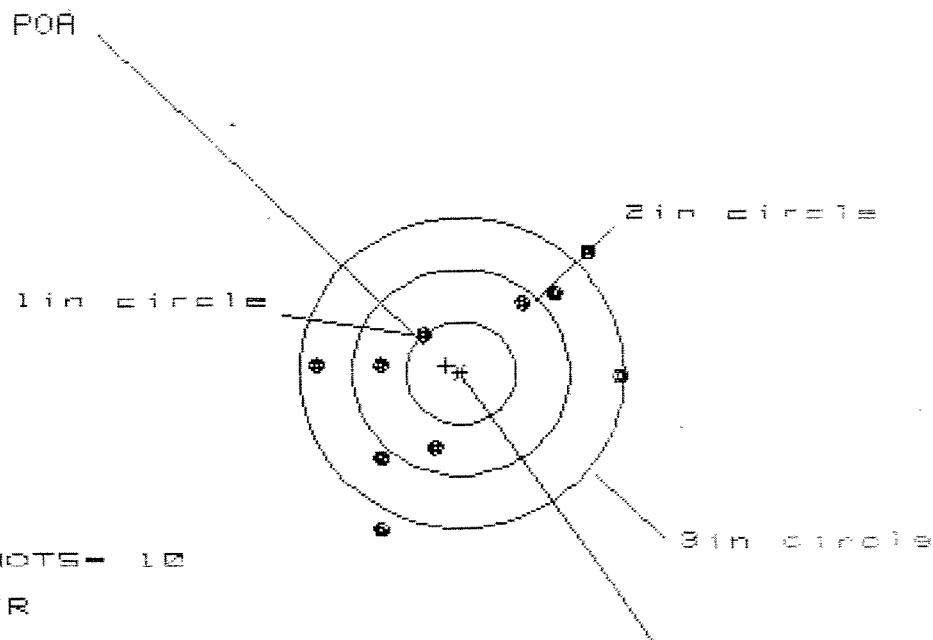
GS= 3.815

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.711	1.538	1.312
MINIMUM X	:	-1.997	-1.806	-1.541
MAXIMUM Y	:	.810	.691	.655
MINIMUM Y	:	-1.207	-1.326	-1.362
CENTROID X	:	.298	.107	.333
CENTROID Y	:	.028	.147	.183
POA TO CENTROID in.	:	.299	.182	.380
MIN RADIUS	:	.212	.320	.368
MEAN RADIUS	:	1.346	1.260	1.185
MAX RADIUS	:	2.017	1.830	1.615
HORIZONTAL SPREAD	:	3.708	3.344	2.953
VERTICAL SPREAD	:	2.017	2.017	2.017
EXTREME SPREAD	:	3.815	3.474	3.057
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6836020

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.772

VS= 2.679

GS= 3.257

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.377	1.512
MINIMUM X	:	-1.317	-1.395	-1.260
MAXIMUM Y	:	1.181	1.014	.708
MINIMUM Y	:	-1.498	-.980	-.853
CENTROID X	:	.137	.215	.080
CENTROID Y	:	-.076	.091	-.036
POA TO CENTROID in.	:	.156	.233	.088
MIN RADIUS	:	.448	.407	.382
MEAN RADIUS	:	1.112	1.041	.967
MAX RADIUS	:	1.655	1.477	1.514
HORIZONTAL SPREAD	:	2.772	2.772	2.772
VERTICAL SPREAD	:	2.679	1.994	1.561
EXTREME SPREAD	:	3.257	2.774	2.774
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5536020

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.758

VS= 3.058

GS= 3.276

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.945	.627	.511
MINIMUM X	-.814	-.709	-.725
MAXIMUM Y	1.073	.852	.857
MINIMUM Y	-1.985	-1.561	-.857
CENTROID X	.305	.201	.217
CENTROID Y	-.366	-.145	.050
POA TO CENTROID in.	.477	.248	.223
MIN RADIUS	.153	.103	.298
MEAN RADIUS	.933	.745	.627
MAX RADIUS	2.199	1.566	.858
HORIZONTAL SPREAD	1.758	1.936	1.296
VERTICAL SPREAD	3.058	2.413	1.514
EXTREME SPREAD	3.276	2.413	1.525
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6535020

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 0

2 in - 4

3 in = 9

HS= 3.549

VS= 1.403

GS= 3.549

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.478
MINIMUM X	-2.071
MAXIMUM Y	.558
MINIMUM Y	-.845
CENTROID X	.406
CENTROID Y	.015
POA TO CENTROID in.	.406
MIN RADIUS	.585
MEAN RADIUS	1.171
MAX RADIUS	2.077
HORIZONTAL SPREAD	3.549
VERTICAL SPREAD	1.403
EXTREME SPREAD	3.549
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	9