

C6611768

MODEL 700™ M24

Model SWS™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



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

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

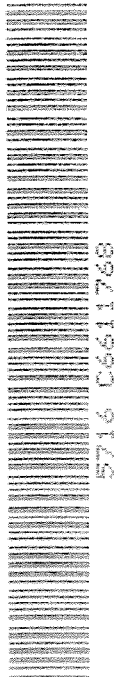
DUPONT

MODEL 700TM H24

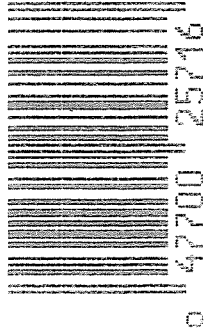
SERIAL NO.
C6611768

ORDER NO.
5716

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611768

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY ADJUST	1 10 91	RW
600	Proof		1 10 91	RW
607	Check Headspace		1 10 91	RW
610	Dis-assemble Gun		1 10 91	RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LL.
617	Drill and Tap Sight Holes		1 17 91	FB
618	Polish Barrel		1 17 91	WB
620	Apply Coatings (Barrel Action)		2-12-91	FA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/8/91	ML

op. #	BARBER - M24 0035631 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/9/91	JW
	G) Safety Off Force	4	4	4			3/9/91	JW
	H) Trigger Pull Test & Retainability						3/8/91	JW
	I) Firing Pin Indent	.0225	.0225	.0225			3/9/91	JW
	J) Assemble Stock						3/9/91	RW
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/9/91	RW
	M) Iron Sight Alignment						3/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/91	RW
	O) Attach Scope to Rifle						3/9/91	RW
	P) Detach & Attach Scope 20 Times						3/9/91	RW
640	Gallery Target & Test						3/9/91	D/H
	A) Time							KJ
	B) Malfunctions							FS
	C) Pierced Primers							KL
	D) Optical Clarity of Scope							KL
645	Inspect for Live Ammo						3/9/91	KJ
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.31	2.20	2.34	2.35	2.22	3/11/91	JW
	C) Function						3-11-91	D/H
660	Pack						3-11-91	AS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611768

DATE 3-8-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.39	2.28	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.41	2.30	2.20	
PULL #3	2.49	2.46	2.37	2.34	
PULL #4	2.43	2.44	2.40	2.35	
PULL #5	2.42	2.30	2.41	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.44		
PULL #2	3.33	3.45		
PULL #3	3.41	3.41		
PULL #4	3.41	3.39		
PULL #5	3.40	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.47		4.49
PULL #2	4.15	4.48		4.48
PULL #3	4.15	4.47		4.47
PULL #4	4.49	4.46		4.50
PULL #5	4.50	4.47		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611768
9 Mar 1991

CENTROIDAL DISTANCES

0 TO 1	.0366742
1 TO 2	.155081
1 TO 3	.356923
1 TO 4	.190536
1 TO 5	.138539

✚ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0458
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.113
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .121929
THE RADIUS FOR THIS RIFLE IS: 1.168

9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611768

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.238

VS= 2.944

GS= 2.946

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.177	1.059	1.055
MINIMUM X	:	-1.061	-1.066	-1.070
MAXIMUM Y	:	1.485	1.363	1.053
MINIMUM Y	:	-1.459	-1.581	-1.410
CENTROID X	:	.016	.134	.138
CENTROID Y	:	.033	.155	-.016
POA TO CENTROID in.	:	.037	.205	.139
MIN RADIUS	:	.591	.603	.675
MEAN RADIUS	:	1.092	1.029	.987
MAX RADIUS	:	1.525	1.583	1.412
HORIZONTAL SPREAD	:	2.238	2.125	2.125
VERTICAL SPREAD	:	2.944	2.944	2.463
EXTREME SPREAD	:	2.946	2.946	2.472
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

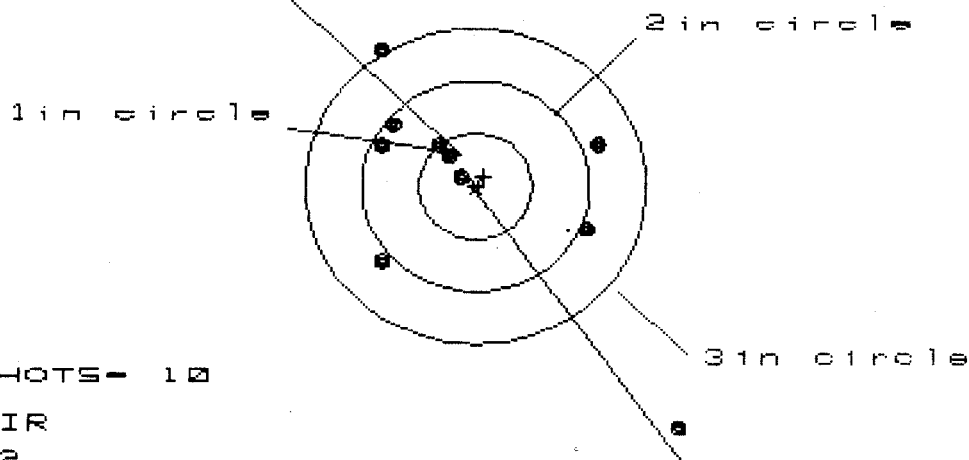
9 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611768

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS- 2.580

VS- 3.511

GS- 4.348

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.771	1.295	1.221
MINIMUM X	:	-.809	-.613	-.687
MAXIMUM Y	:	1.248	.997	.432
MINIMUM Y	:	-2.263	-.939	-.815
CENTROID X	:	-.073	-.269	-.195
CENTROID Y	:	-.094	.157	.033
POA TO CENTROID in.	:	.119	.312	.197
MIN RADIUS	:	.190	.062	.067
MEAN RADIUS	:	1.052	.733	.701
MAX RADIUS	:	2.873	1.347	1.241
HORIZONTAL SPREAD	:	2.580	1.908	1.908
VERTICAL SPREAD	:	3.511	1.936	1.247
EXTREME SPREAD	:	4.348	2.419	2.173
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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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 = 1

2 in = 3

3 in = 3

HS= 3.381

VS= 4.066

GS= 4.598

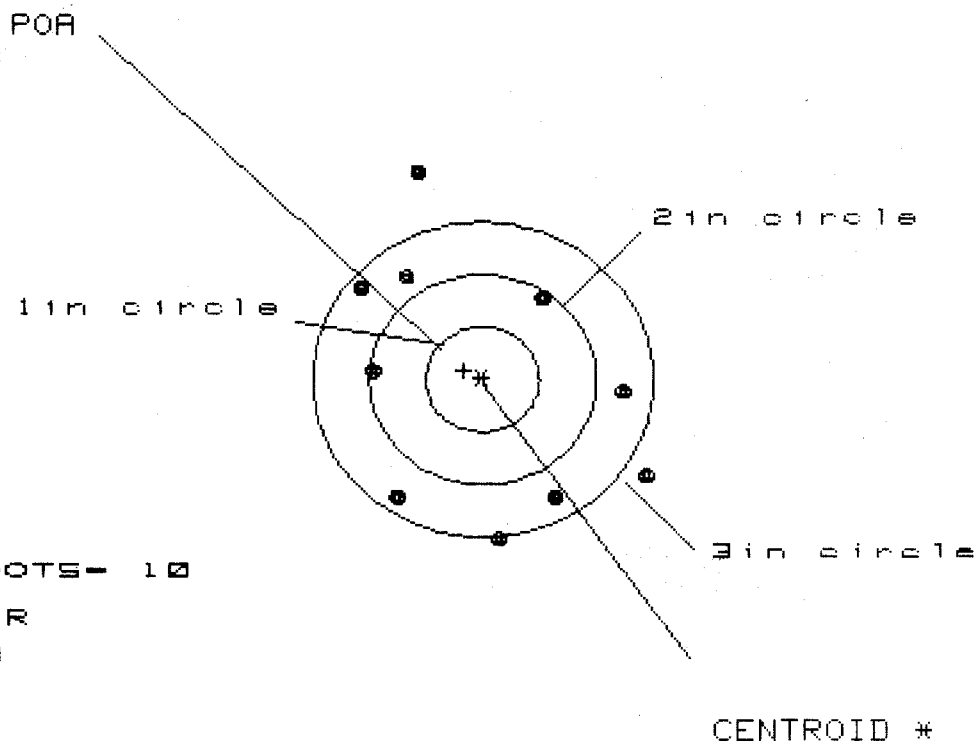
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.659	1.632
MINIMUM X	:	-1.875	-1.722	-1.514
MAXIMUM Y	:	1.925	1.687	1.628
MINIMUM Y	:	-2.141	-2.366	-2.155
CENTROID X	:	.053	-.100	-.308
CENTROID Y	:	-.322	-.084	-.295
POA TO CENTROID in.	:	.327	.131	.427
MIN RADIUS	:	.497	.636	.592
MEAN RADIUS	:	1.666	1.545	1.443
MAX RADIUS	:	2.546	2.417	2.174
HORIZONTAL SPREAD	:	3.381	3.381	3.146
VERTICAL SPREAD	:	4.066	4.053	3.783
EXTREME SPREAD	:	4.598	4.591	3.850
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	3		

9 Mar 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 2.512

VS= 3.474

GS= 3.540

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	1.387	1.347
MINIMUM X	:	-1.066	-1.125	-.952
MAXIMUM Y	:	2.002	1.171	1.089
MINIMUM Y	:	-1.472	-1.250	-1.333
CENTROID X	:	.164	.223	.050
CENTROID Y	:	-.087	-.309	-.226
POA TO CENTROID in.	:	.186	.381	.232
MIN RADIUS	:	.933	1.016	.856
MEAN RADIUS	:	1.350	1.257	1.208
MAX RADIUS	:	2.071	1.565	1.384
HORIZONTAL SPREAD	:	2.512	2.512	2.299
VERTICAL SPREAD	:	3.474	2.421	2.421
EXTREME SPREAD	:	3.540	3.060	2.633
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	8		

9 Mar 1991

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.563

VS= 2.305

GS= 2.785

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.880	.549	.476
MINIMUM X	:	-.683	-.585	-.394
MAXIMUM Y	:	1.251	.916	.802
MINIMUM Y	:	-1.054	-.915	-.792
CENTROID X	:	.069	-.029	.044
CENTROID Y	:	-.095	-.234	-.120
POA TO CENTROID in.	:	.117	.236	.127
MIN RADIUS	:	.134	.092	.151
MEAN RADIUS	:	.682	.584	.504
MAX RADIUS	:	1.530	1.086	.893
HORIZONTAL SPREAD	:	1.563	1.134	.870
VERTICAL SPREAD	:	2.305	1.831	1.594
EXTREME SPREAD	:	2.785	1.850	1.617
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		