

C6611520

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
MODEL 700TM H24

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

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

SERIAL NO.
C6611520

ORDER NO.
5716

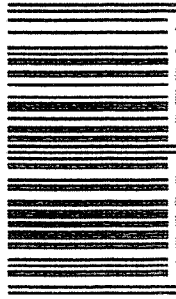
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611520

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611520

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	RW
600	Proof	3 25	91	RW
607	Check Headspace	3 25	91	RW
610	Dis-assemble Gun	3 25	91	RW
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	U
615	Rollmark Caliber	3 28	91	LS
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	TH

op. #	BARBER - M24 0078171 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-9-91	A-
	G) Safety Off Force	3	2	3			5-9-91	A
	H) Trigger Pull Test & Retainability						5/8/91	JK
	I) Firing Pin Indent	.022	.021	.022			5-9-91	AC
	J) Assemble Stock						5/9/91	RW
	K) Assemble Swivel Studs						5-18-91	A
	L) Attach Front and Rear Sight Assemblies						5/9/91	RW
	M) Iron Sight Alignment						5/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/9/91	RW
	O) Attach Scope to Rifle						5/9/91	RW
	P) Detach & Attach Scope 20 Times						5/9/91	RW
640	Gallery Target & Test						5-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-11-91	AF
655	Final Inspection							
	A) Headspace						5-18-91	A
	B) Trigger Pull	261	261	257	255	261	5/13/91	JK
	C) Function						5-18-91	A
660	Pack						6-18-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 26611520

DATE 5/8/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.46	2.50	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.49	2.46	2.61	
PULL #3	2.23	2.54	2.40	2.57	
PULL #4	2.42	2.48	2.40	2.55	
PULL #5	2.49	2.48	2.47	2.61	
TOTAL					
AVG.					

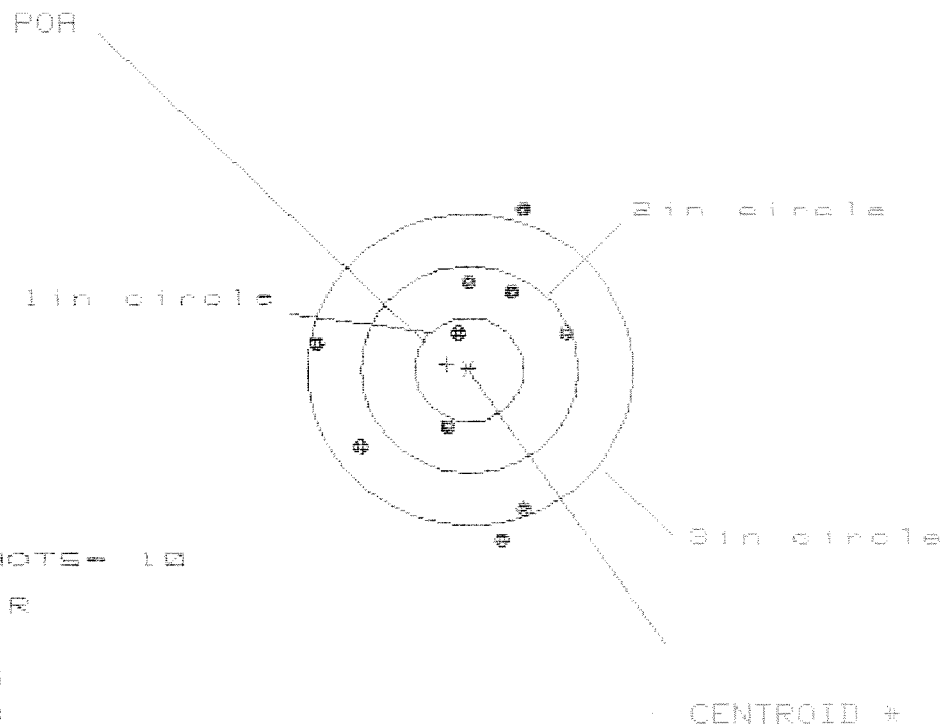
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.41		
PULL #2	3.39	3.32		
PULL #3	3.19	3.41		
PULL #4	3.40	3.38		
PULL #5	3.38	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.38		4.41
PULL #2	4.24	4.15		4.38
PULL #3	4.36	4.40		4.43
PULL #4	4.40	4.43		4.44
PULL #5	4.40	4.42		4.40
TOTAL				
AVG.				

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611520

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.336

VS= 3.192

GS= 3.198

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	.984	1.031
MINIMUM X	-1.408	-1.352	-1.305
MAXIMUM Y	1.593	1.059	.881
MINIMUM Y	-1.599	-1.422	-1.316
CENTROID X	.206	.150	.103
CENTROID Y	-.055	-.232	-.054
POA TO CENTROID in.	.213	.276	.116
MIN RADIUS	.401	.406	.396
MEAN RADIUS	1.113	1.052	.976
MAX RADIUS	1.672	1.470	1.459
HORIZONTAL SPREAD	2.336	2.336	2.336
VERTICAL SPREAD	3.192	2.481	2.197
EXTREME SPREAD	3.198	2.548	2.504
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 1.742

VS = 2.924

GS = 2.924

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	1.004	1.075
MINIMUM X	:	-.773	-.738	-.667
MAXIMUM Y	:	1.242	1.056	.884
MINIMUM Y	:	-1.681	-1.374	-1.147
CENTROID X	:	-.037	-.072	-.143
CENTROID Y	:	-.078	.108	.280
POA TO CENTROID in.	:	.087	.130	.314
MIN RADIUS	:	.661	.489	.317
MEAN RADIUS	:	1.065	.958	.846
MAX RADIUS	:	1.711	1.488	1.348
HORIZONTAL SPREAD	:	1.742	1.742	1.742
VERTICAL SPREAD	:	2.924	2.430	2.031
EXTREME SPREAD	:	2.924	2.430	2.090
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.546

VS= 2.024

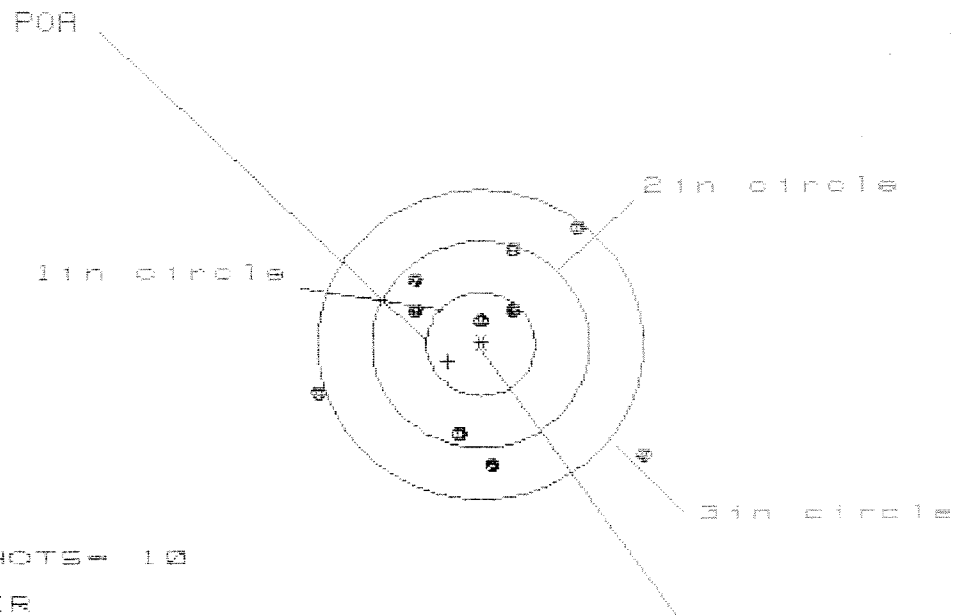
GS= 3.029

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.477
MINIMUM X	-1.169
MAXIMUM Y	1.114
MINIMUM Y	-.910
CENTROID X	.156
CENTROID Y	-.182
POA TO CENTROID in.	.240
MIN RADIUS	.157
MEAN RADIUS	.871
MAX RADIUS	1.734
HORIZONTAL SPREAD	2.646
VERTICAL SPREAD	2.024
EXTREME SPREAD	3.029
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.992

VS = 2.322

GS = 3.058

CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.463
MINIMUM X	-1.529
MAXIMUM Y	1.178
MINIMUM Y	-1.144
CENTROID X	.302
CENTROID Y	.168
POA TO CENTROID IN.	.345
MIN RADIUS	.214
MEAN RADIUS	1.007
MAX RADIUS	1.812
HORIZONTAL SPREAD	2.992
VERTICAL SPREAD	2.322
EXTREME SPREAD	3.058
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS

5

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 3.276

VS = 2.625

GS = 3.058

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.149	1.054	1.028
MINIMUM X	-1.127	-1.222	-1.090
MAXIMUM Y	1.419	.662	.571
MINIMUM Y	-1.206	-1.049	-1.140
CENTROID X	.076	.172	.040
CENTROID Y	-.080	-.237	-.146
POR TO CENTROID in.	.111	.293	.152
MIN RADIUS	.321	.339	.250
MEAN RADIUS	.930	.845	.774
MAX RADIUS	1.659	1.375	1.310
HORIZONTAL SPREAD	2.276	2.276	2.118
VERTICAL SPREAD	2.625	1.711	1.711
EXTREME SPREAD	3.058	2.651	2.151
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	