

C6611672

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]

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

MODEL 700TM H24

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

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

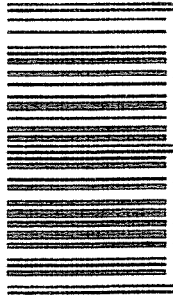
SERIAL NO.
C6611672

ORDER NO.
5716

20

5716 C6611672

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611672

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	K.R.
	Magnaflux Bolt		11	K.R.
615	Rollmark Caliber		3/27/91	L.B.
617	Drill and Tap Sight Holes		APR 3 1991	L.B.
618	Polish Barrel		APR 3 1991	W.B.
620	Apply Coatings (Barrel Action)		4-12/91	W.B.
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/26/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/26/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/26/91	K.S.
	D) Oil Firing Pin Ass'y		4/26/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		4/30/91	W.B.

op. #	BARBER - M24 0034127	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	5/1/91	JK		
	G) Safety Off Force	4	4	4	5/1/91	JK		
	H) Trigger Pull Test & Retainability				4/30/91	JK		
	I) Firing Pin Indent	10215	10215	10215	5/1/91	JK		
	J) Assemble Stock				5/2/91	KS		
	K) Assemble Swivel Studs				5-1-91	DH		
	L) Attach Front and Rear Sight Assemblies				5/2/91	KS		
	M) Iron Sight Alignment				5/2/91	KS		
	N) Detach Front & Rear Sights & place in numbered container				5/2/91	KS		
	O) Attach Scope to Rifle				5/2/91	KS		
	P) Detach & Attach Scope 20 Times				5/2/91	KS		
640	Gallery Target & Test				5-3-91	DH		
	A) Time				5-3-91	DH		
	B) Malfunctions				5-3-91	DH		
	C) Pierced Primers				5-3-91	DH		
	D) Optical Clarity of Scope				5-3-91	DH		
645	Inspect for Live Ammo				5-3-91	DH		
655	Final Inspection				5-1-91	DH		
	A) Headspace							
	B) Trigger Pull	2.32	2.26	2.27	2.29	2.32	5/9/91	JK
	C) Function						5-1-91	DH
660	Pack						6-18-91	KS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C667167

DATE 4/30/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.27	2.30	2.32	MIN. SETTING NO AVG. QF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.25	2.30	2.26	
PULL #3	2.25	2.19	2.35	2.27	
PULL #4	2.30	2.29	2.38	2.29	
PULL #5	2.29	2.27	2.28	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.34		
PULL #2	3.29	3.34		
PULL #3	3.28	3.36		
PULL #4	3.39	3.35		
PULL #5	3.30	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.28		4.27
PULL #2	4.33	4.27		4.39
PULL #3	4.28	4.34		4.34
PULL #4	4.34	4.38		4.37
PULL #5	4.34	4.25		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611672
3 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0501597
1 TO	2	.280856
1 TO	3	.224439
1 TO	4	.38937
1 TO	5	.316901

43 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1174
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.085
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144941
THE AMR FOR THIS RIFLE IS: .9218

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611672

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.032

VS = 3.016

GS = 3.143

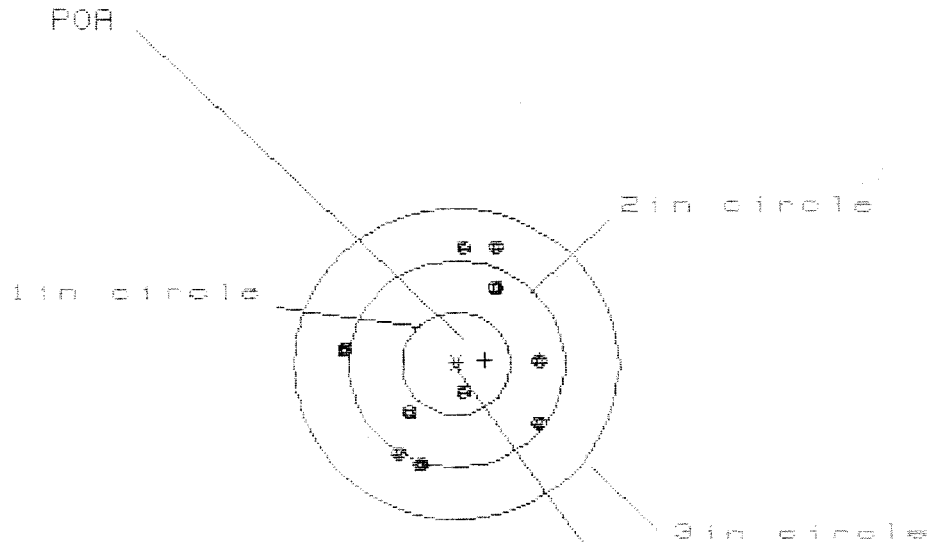
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.774	1.717	1.476
MINIMUM X	-1.258	-1.315	-1.100
MAXIMUM Y	.869	.630	.602
MINIMUM Y	-2.147	-.559	-.587
CENTROID X	.004	.061	-.154
CENTROID Y	.050	.289	.317
POA TO CENTROID in.	.050	.295	.353
MIN RADIUS	.408	.405	.190
MEAN RADIUS	1.053	.895	.741
MAX RADIUS	2.207	1.732	1.477
HORIZONTAL SPREAD	3.032	3.032	2.576
VERTICAL SPREAD	3.016	1.189	1.189
EXTREME SPREAD	3.143	3.043	2.576
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611672

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 1.752

VS = 2.060

GS = 2.171

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.763	.802	.816
MINIMUM X	:	-.989	-.950	-.936
MAXIMUM Y	:	1.115	1.228	.984
MINIMUM Y	:	-.945	-.821	-.667
CENTROID X	:	-.264	-.303	-.317
CENTROID Y	:	-.034	-.158	-.311
POA TO CENTROID in.	:	.266	.341	.444
MIN RADIUS	:	.322	.225	.145
MEAN RADIUS	:	.874	.820	.737
MAX RADIUS	:	1.167	1.233	1.057
HORIZONTAL SPREAD	:	1.752	1.752	1.752
VERTICAL SPREAD	:	2.060	2.049	1.651
EXTREME SPREAD	:	2.171	2.091	1.885
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811672

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 2.093

VS = 3.289

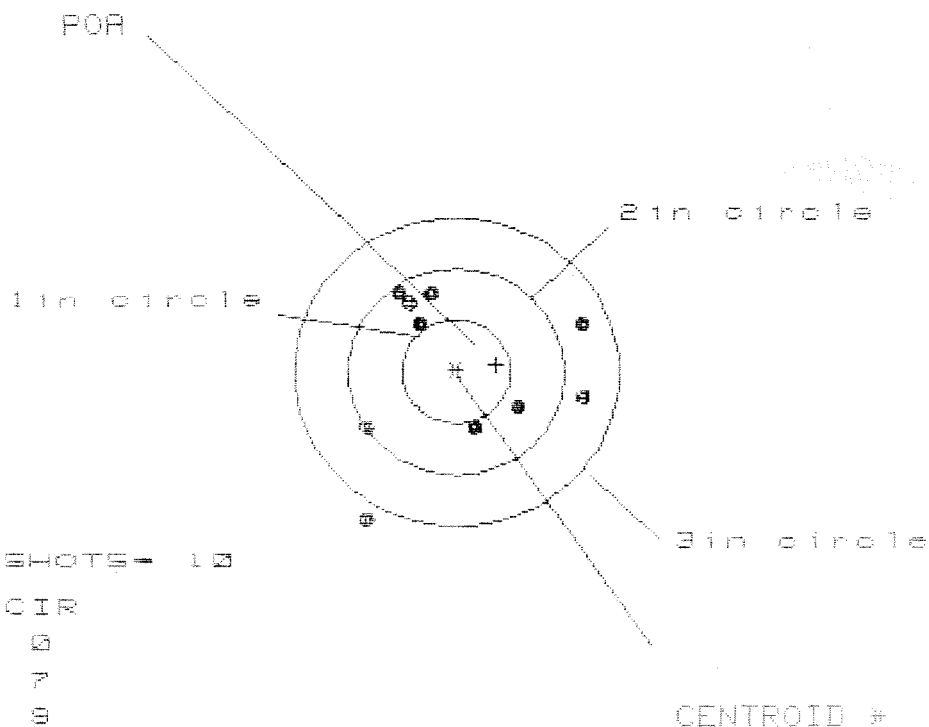
GS = 3.565

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.503	1.453	.913
MINIMUM X	:	-.590	-.640	-.458
MAXIMUM Y	:	.943	.683	.730
MINIMUM Y	:	-2.346	-.892	-.845
CENTROID X	:	.142	.192	.010
CENTROID Y	:	-.127	.133	.086
POA TO CENTROID in.	:	.190	.234	.087
MIN RADIUS	:	.147	.409	.257
MEAN RADIUS	:	.923	.752	.626
MAX RADIUS	:	2.389	1.501	.931
HORIZONTAL SPREAD	:	2.093	2.093	1.371
VERTICAL SPREAD	:	3.289	1.575	1.575
EXTREME SPREAD	:	3.565	2.388	1.684
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811672

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 7

3 in = 9

HS = 2.024

VS = 2.232

GS = 2.713

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.192	1.103	1.238
MINIMUM X	-.832	-.921	-.786
MAXIMUM Y	.789	.629	.663
MINIMUM Y	-1.443	-.683	-.649
CENTROID X	-.368	-.279	-.414
CENTROID Y	-.065	.095	.061
POR TO CENTROID in.	.374	.295	.418
MIN RADIUS	.562	.549	.474
MEAN RADIUS	.947	.852	.802
MAX RADIUS	1.650	1.181	1.297
HORIZONTAL SPREAD	2.024	2.024	2.024
VERTICAL SPREAD	2.232	1.312	1.312
EXTREME SPREAD	2.713	2.297	2.040
NUMBER IN ONE INCH CIRCLE =		9	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11672

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 1.8880

VS = 2.576

GS = 2.620

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.929
MINIMUM X	-.951
MAXIMUM Y	.996
MINIMUM Y	-1.581
CENTROID X	-.101
CENTROID Y	-.249
POA TO CENTROID in.	.269
MIN RADIUS	.037
MEAN RADIUS	.812
MAX RADIUS	1.643
HORIZONTAL SPREAD	1.888
VERTICAL SPREAD	2.576
EXTREME SPREAD	2.620
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9