

C6349178

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

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

MODEL 700TM H24

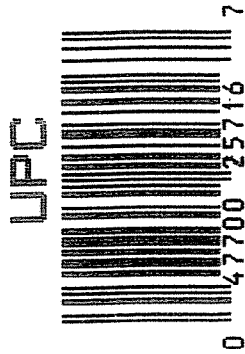
SERIAL NO.
C6349178

ORDER NO.
5716

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

Ø1

5716 C6349178



Replaced

GUN SERIAL # *C6349178*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	<i>12-20</i>	<i>89</i>	<i>Rw</i>
600	Proof	<i>12-20</i>	<i>89</i>	<i>A</i>
607	Check Headspace	<i>12-20</i>	<i>89</i>	<i>A</i>
610	Dis-assemble Gun	<i>12-20</i>	<i>89</i>	<i>Rw</i>
612	Magnaflux Barrel Action	<i>1-5-90</i>		<i>KCR</i>
	Magnaflux Bolt	<i>1-5-90</i>		
615	Rollmark Caliber		<i>1/3/90</i>	<i>JS</i>
17	Drill and Tap Sight Holes		<i>1/8/90</i>	<i>FB</i>
618	Polish Barrel <i>RB</i>		<i>1/9/90</i>	<i>WB</i>
620	Apply Coatings (Barrel Action)		<i>1-15-90</i>	<i>TH</i>
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		<i>1/17/90</i>	<i>Rw</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>1/17/90</i>	<i>Rw</i>
	C) Inspect Ejector Hole for Chamfer		<i>1/17/90</i>	<i>Rw</i>
	D) Oil Firing Pin Ass'y		<i>1/17/90</i>	<i>Rw</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>2/5/90</i>	<i>JS</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-25-90	RL
	G) Safety Off Force	3	3	3			1-29-90	RL
	H) Trigger Pull Test & Retainability						25/1/90	RL
	I) Firing Pin Indent	.023	.0225	.022			1-25-90	RL
	J) Assemble Stock						1/26/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						2/27/90	WB
	P) Detach & Attach Scope 20 Times						2/27/90	WB
640	Gallery Target & Test						2/28/90	DH
	A) Time						2/28/90	DH
	B) Malfunctions						2/28/90	DH
	C) Pierced Primers						2/28/90	DH
	D) Optical Clarity of Scope						2/28/90	DH
645	Inspect for Live Ammo						2/28/90	DH
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.76	2.74	2.75	2.80	2.75	3/13/90	GS
	C) Function						3/13/90	WB
660	Pack						20 MAR 90	RL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349178

DATE 25 Jun 80

TESTER JPS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.75	2.08	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.51	2.04	2.74	
PULL #3	2.55	2.46	2.14	2.75	
PULL #4	2.44	2.29	2.21	2.80	
PULL #5	2.40	2.22	2.18	2.75	
TOTAL	12.54	12.03	10.65		
AVG.	2.508	2.406	2.13		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	2.75		
PULL #2	3.03	2.65		
PULL #3	3.10	2.76		
PULL #4	2.71	2.98		
PULL #5	2.83	2.65		
TOTAL	14.86	13.79		
AVG.	2.972	2.758		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.85		4.05
PULL #2	3.95	3.79		3.66
PULL #3	3.86	3.69		4.33
PULL #4	3.72	3.75		4.35
PULL #5	3.98	3.67		4.28
TOTAL	19.57	18.75		20.67
AVG.	3.914	3.75		4.134

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349178
28 Feb 1998

CENTROIDAL DISTANCES

0 TO	1	.262937
1 TO	2	.130231
1 TO	3	.422204
1 TO	4	.770499
1 TO	5	.305792

4
5
5 (----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0594
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .256571

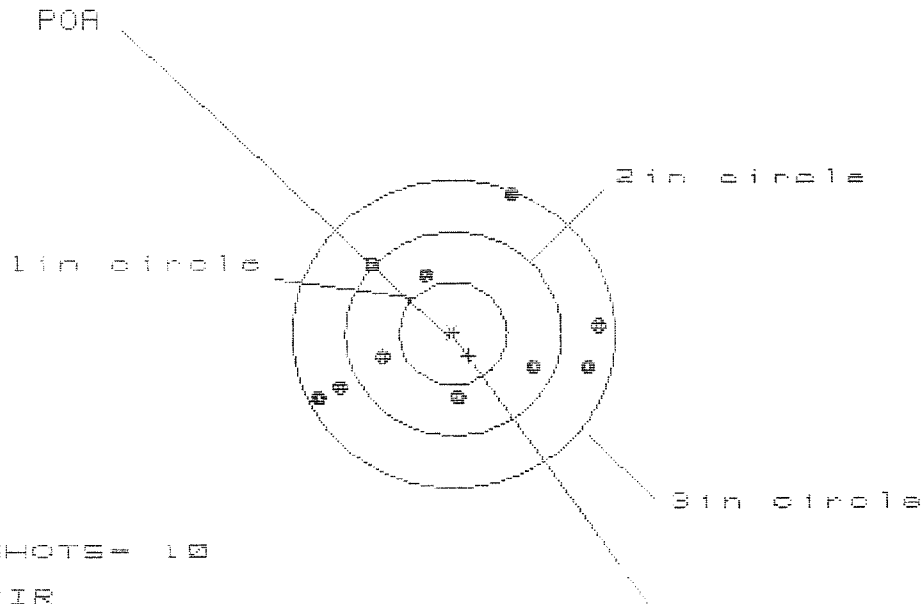
THE AMR FOR THIS RIFLE IS: .9174

26 Feb 1998

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CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 10

HS = 2.592

VS = 1.928

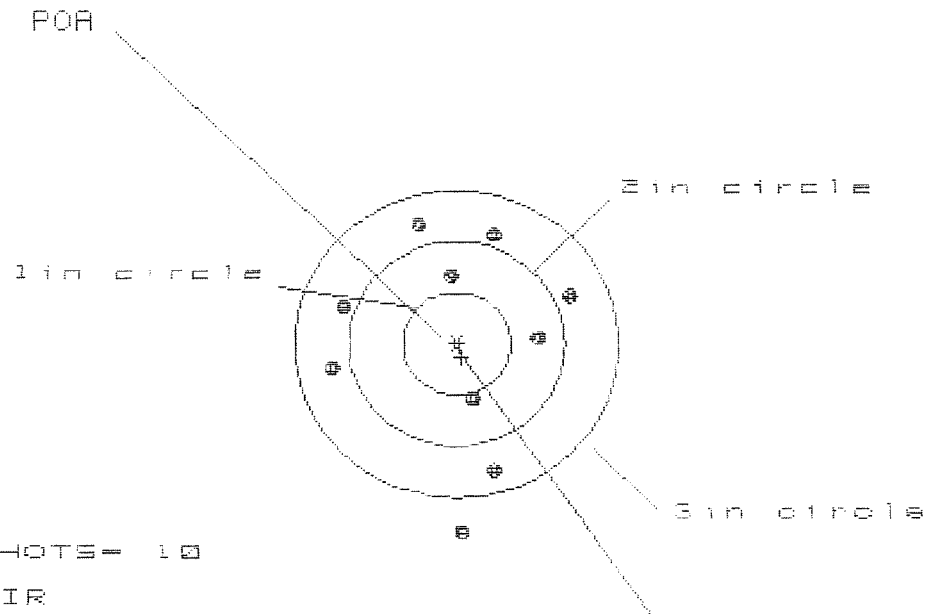
GS = 2.667

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.360	1.423	1.276
MINIMUM X	-1.232	-1.169	-1.175
MAXIMUM Y	1.336	.784	.729
MINIMUM Y	-.592	-.444	-.479
CENTROID X	-.144	-.207	-.061
CENTROID Y	.220	.072	.127
POA TO CENTROID in.	.263	.219	.141
MIN RADIUS	.579	.449	.479
MEAN RADIUS	1.029	.964	.928
MAX RADIUS	1.450	1.434	1.283
HORIZONTAL SPREAD	2.592	2.592	2.452
VERTICAL SPREAD	1.928	1.228	1.208
EXTREME SPREAD	2.667	2.667	2.520
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

28 Feb 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 9

HS= 2.163

VS= 2.963

GS= 2.987

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	1.028	1.078
MINIMUM X	:	-1.137	-1.135	-1.093
MAXIMUM Y	:	1.175	.977	.792
MINIMUM Y	:	-1.788	-1.475	-.921
CENTROID X	:	-.048	-.050	-.092
CENTROID Y	:	.132	.330	.515
POA TO CENTROID in.	:	.140	.334	.523
MIN RADIUS	:	.555	.474	.296
MEAN RADIUS	:	1.081	.977	.878
MAX RADIUS	:	1.788	1.512	1.231
HORIZONTAL SPREAD	:	2.163	2.163	2.163
VERTICAL SPREAD	:	2.963	2.452	1.713
EXTREME SPREAD	:	2.987	2.548	2.261
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1998

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CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.982

VS= 1.715

GS= 2.017

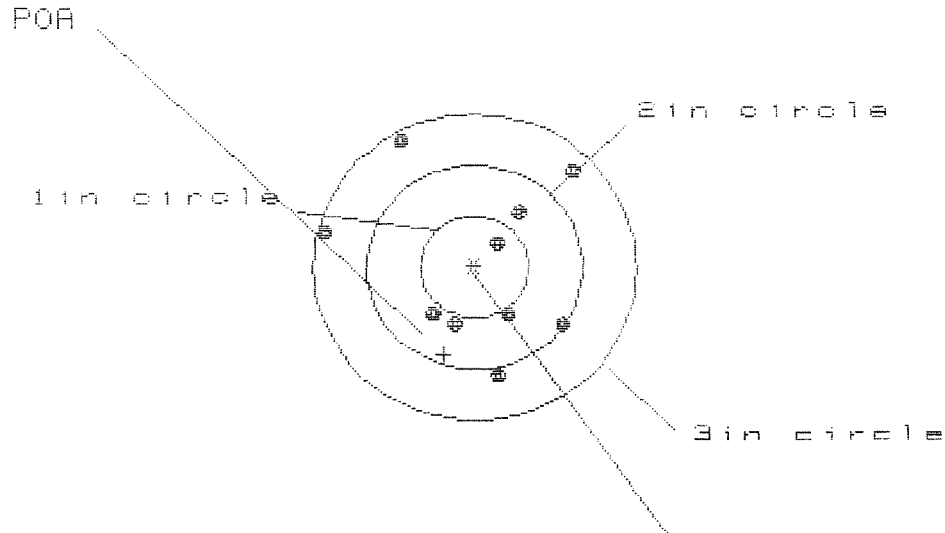
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.913
MINIMUM X	-1.069
MAXIMUM Y	.946
MINIMUM Y	-.769
CENTROID X	.040
CENTROID Y	-.160
POR TO CENTROID in.	.165
MIN RADIUS	.094
MEAN RADIUS	.679
MAX RADIUS	1.155
HORIZONTAL SPREAD	1.982
VERTICAL SPREAD	1.715
EXTREME SPREAD	2.017
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

28 Feb 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.212

VS= 2.319

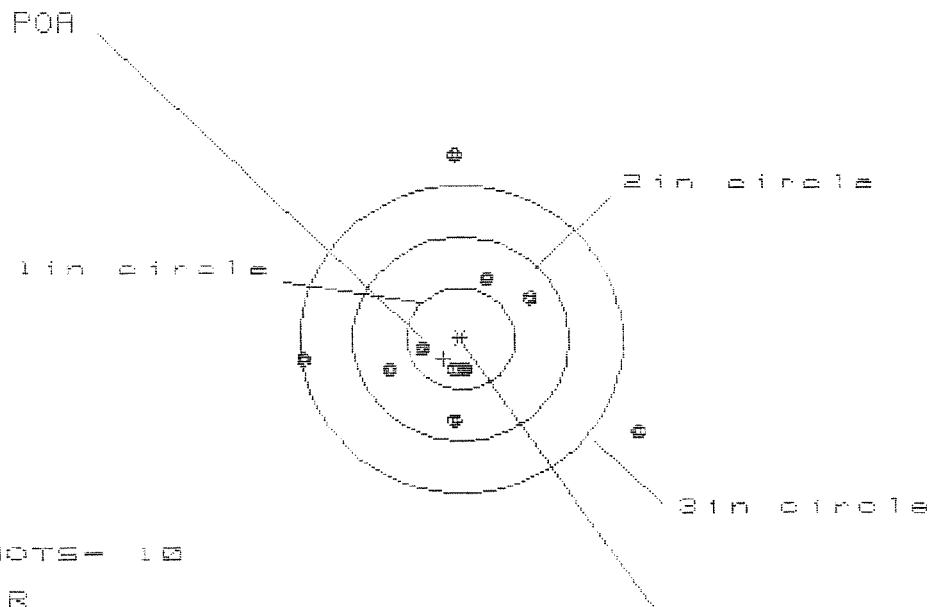
GS= 2.493

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.862	.780	.601
MINIMUM X	-1.350	-1.432	-1.696
MAXIMUM Y	1.227	1.051	1.116
MINIMUM Y	-1.092	-.955	-.890
CENTROID X	.288	.370	.549
CENTROID Y	.858	.721	.656
POA TO CENTROID in.	.905	.811	.856
MIN RADIUS	.297	.363	.272
MEAN RADIUS	.897	.810	.700
MAX RADIUS	1.432	1.525	1.267
HORIZONTAL SPREAD	2.212	2.212	1.297
VERTICAL SPREAD	2.319	2.006	2.006
EXTREME SPREAD	2.493	2.376	2.120
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

28 Feb 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.072

VS= 2.703

GS= 3.174

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.631	.869	.887
MINIMUM X	-1.441	-1.259	-1.241
MAXIMUM Y	1.834	1.737	.719
MINIMUM Y	-.869	-.948	-.631
CENTROID X	.161	-.021	-.039
CENTROID Y	.198	.295	.077
POA TO CENTROID in.	.255	.295	.087
MIN RADIUS	.275	.236	.135
MEAN RADIUS	.901	.798	.609
MAX RADIUS	1.848	1.744	1.247
HORIZONTAL SPREAD	3.072	2.128	2.128
VERTICAL SPREAD	2.703	2.585	1.349
EXTREME SPREAD	3.174	2.585	2.226
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	