

C6611442

MODEL 700™ M24

Model **S&S**™

Action _____

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.

Remington



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

MODEL 700TM M24

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

29

SERIAL NO.
C6611442

ORDER NO.
5716



5716 C6611442

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611442

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	APR	3 1991	KB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4/19/91	AK
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	KS
	C) Inspect Ejector Hole for Chamfer		4/24/91	KS
	D) Oil Firing Pin Ass'y		4/24/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/25/91	KL

op. #	BARBER - M24 0076928	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/29/91	SL
	G) Safety Off Force	3	3	3			4/29/91	SL
	H) Trigger Pull Test & Retainability						4/25/91	SL
	I) Firing Pin Indent	.0235	.0235	.0235			4/29/91	SL
	J) Assemble Stock						4/24/91	1-S
	K) Assemble Swivel Studs						5-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/24/91	1-S
	M) Iron Sight Alignment						4/29/91	1-S
	N) Detach Front & Rear Sights & place in numbered container						4/29/91	1-S
	O) Attach Scope to Rifle						4/29/91	1-S
	P) Detach & Attach Scope 20 Times						4/29/91	1-S
640	Gallery Target & Test						4-29-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4/29/91	NF
655	Final Inspection							
	A) Headspace						5-11-91	D/H
	B) Trigger Pull	256	251	256	252	257	5/11/91	SL
	C) Function						5-11-91	D/H
660	Pack						6-11-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO.

C661148.2

DATE 4/25/94 (P)

TESTER J. H. (H)

V. 11/05/16/94

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.56	2.40	2.56	MIN. SETTING,
PULL #2	2.21	2.49	2.38	2.57	IND. AVG. OF 5
PULL #3	2.21	2.51	2.54	2.56	READINGS ACCEPT-
PULL #4	2.41	2.48	2.50	2.52	ABLE LESS THAN 2#
PULL #5	2.36	2.57	2.50	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.48	3.35			
PULL #2	3.59	3.66			
PULL #3	3.60	3.57			
PULL #4	3.54	3.66			
PULL #5	3.54	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	4.17	4.30		4.33
PULL #2	4.25	4.18		4.33
PULL #3	4.22	4.30		4.28
PULL #4	4.24	4.29		4.35
PULL #5	4.15	4.30		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611442
29 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.300533
1 TO	2	.22642
1 TO	3	.199484
1 TO	4	.171747
1 TO	5	.307313

50 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0986
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142298

THE AMR FOR THIS RIFLE IS: .8488

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611442

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.468

VS = 2.174

GS = 2.523

CENTROID *

PATTERN #

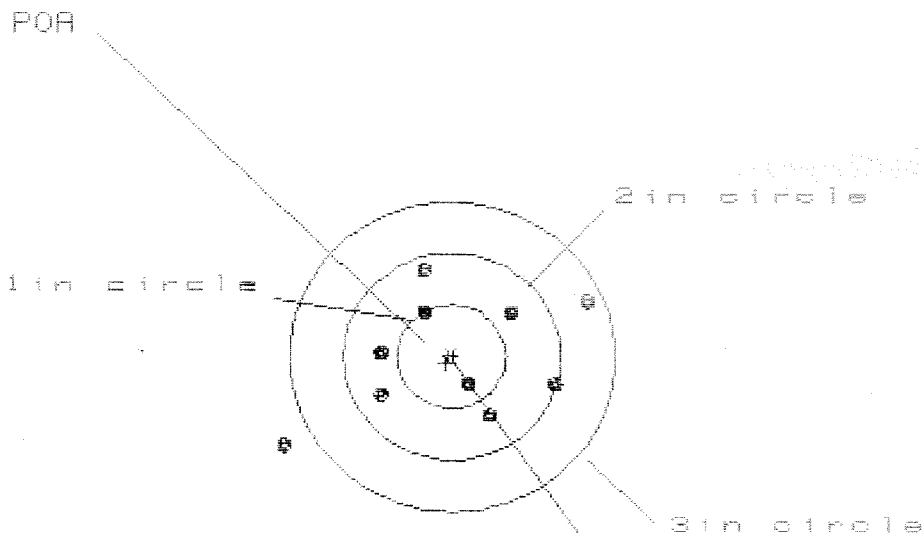
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.663	.640	.668
MINIMUM X	-.804	-.620	-.540
MAXIMUM Y	.980	.981	.832
MINIMUM Y	-1.194	-1.193	-.726
CENTROID X	.268	.084	.004
CENTROID Y	.136	.135	.284
POA TO CENTROID in.	.301	.159	.284
MIN RADIUS	.214	.172	.156
MEAN RADIUS	.805	.679	.579
MAX RADIUS	1.664	1.354	.868
HORIZONTAL SPREAD	2.468	1.260	1.208
VERTICAL SPREAD	2.174	2.174	1.558
EXTREME SPREAD	2.523	2.369	1.706
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS = 2.802

VS = 1.657

GS = 3.139

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.291	1.123	.937
MINIMUM X	-1.511	-.862	-.722
MAXIMUM Y	.816	.722	.783
MINIMUM Y	-.841	-.705	-.644
CENTROID X	.053	.221	.081
CENTROID Y	.065	.159	.098
POA TO CENTROID in.	.084	.272	.127
MIN RADIUS	.310	.366	.328
MEAN RADIUS	.861	.758	.684
MAX RADIUS	1.730	1.222	.975
HORIZONTAL SPREAD	2.802	1.985	1.659
VERTICAL SPREAD	1.657	1.427	1.427
EXTREME SPREAD	3.139	2.106	1.678
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
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 = 2

2 in = 5

3 in = 8

HS= 3.183

VS= 1.239

GS= 3.183

PATTERN #

3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.611	1.261	1.087
MINIMUM X	:	-1.572	-1.393	-1.229
MAXIMUM Y	:	.513	.531	.559
MINIMUM Y	:	-.726	-.708	-.680
CENTROID X	:	.131	-.048	.126
CENTROID Y	:	-.009	-.026	-.054
POA TO CENTROID in.	:	.131	.054	.137
MIN RADIUS	:	.448	.411	.467
MEAN RADIUS	:	.987	.930	.839
MAX RADIUS	:	1.618	1.411	1.378
HORIZONTAL SPREAD	:	3.183	2.654	2.316
VERTICAL SPREAD	:	1.239	1.239	1.239
EXTREME SPREAD	:	3.183	2.673	2.366
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.336

VS= 2.167

GS= 2.875

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.179	.906	.833
MINIMUM X	:	-1.157	-1.025	-1.098
MAXIMUM Y	:	.975	.628	.492
MINIMUM Y	:	-1.192	-1.083	-.668
CENTROID X	:	.097	-.035	.038
CENTROID Y	:	.120	.011	.147
POA TO CENTROID in.	:	.154	.036	.151
MIN RADIUS	:	.360	.235	.372
MEAN RADIUS	:	.810	.726	.646
MAX RADIUS	:	1.531	1.228	1.285
HORIZONTAL SPREAD	:	2.336	1.931	1.931
VERTICAL SPREAD	:	2.167	1.711	1.160
EXTREME SPREAD	:	2.875	2.177	2.136
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 12

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 1.992

VS = 1.915

GS = 2.516

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.933	.815	.676
MINIMUM X	:	-1.059	-1.115	-1.063
MAXIMUM Y	:	.722	.589	.618
MINIMUM Y	:	-1.194	-.450	-.421
CENTROID X	:	-.036	.082	.221
CENTROID Y	:	.181	.313	.284
POA TO CENTROID in.	:	.184	.324	.360
MIN RADIUS	:	.268	.098	.126
MEAN RADIUS	:	.781	.654	.564
MAX RADIUS	:	1.596	1.138	1.063
HORIZONTAL SPREAD	:	1.992	1.930	1.739
VERTICAL SPREAD	:	1.915	1.039	1.039
EXTREME SPREAD	:	2.516	1.930	1.757
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	