

C6611499

MODEL 700™ M24

Model **SMS**™

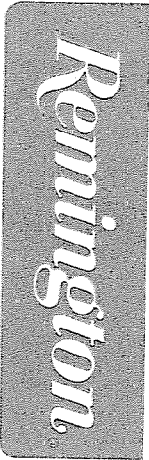
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®  REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6611499
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611499

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611499

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		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	APR	3 1991	LS
618	Polish Barrel	APR	3 1991	LS
620	Apply Coatings (Barrel Action)		4-19-91	LS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/91	LS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	LS
	C) Inspect Ejector Hole for Chamfer		5/1/91	LS
	D) Oil Firing Pin Ass'y		5/1/91	LS
	E) Adjust Trigger Pull to Min Setting and Stake		5-16-91	JS

BARBER - M24 ~~0077898~~ **M2400077915**

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611499

DATE 5-16-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.49	2.48	2.50	MIN. SETTING,
PULL #2	2.39	2.43	2.35	2.52	NO AVG. OF 5
PULL #3	2.50	2.25	2.39	2.42	READINGS ACCEPT-
PULL #4	2.44	2.48	2.40	2.51	ABLE LESS THAN 2#
PULL #5	2.46	2.44	2.45	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.36		
PULL #2	3.48	3.40		
PULL #3	3.51	3.49		
PULL #4	3.50	3.41		
PULL #5	3.48	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.30		4.33
PULL #2	4.35	4.38		4.34
PULL #3	4.26	4.26		4.43
PULL #4	4.34	4.32		4.39
PULL #5	4.21	4.35		4.39
TOTAL				
AVG.				

BBL GROVES WIDE
MAY BE TOSSED OUT
at INSP. Ya get what
we have to work with

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611499
17 May 1991

CENTROIDAL DISTANCES

0 TO	1	.292318
1 TO	2	.779776
1 TO	3	.783516
1 TO	4	.471653
1 TO	5	.652854

$\frac{4^3}{1+2+5}$ (----FOR

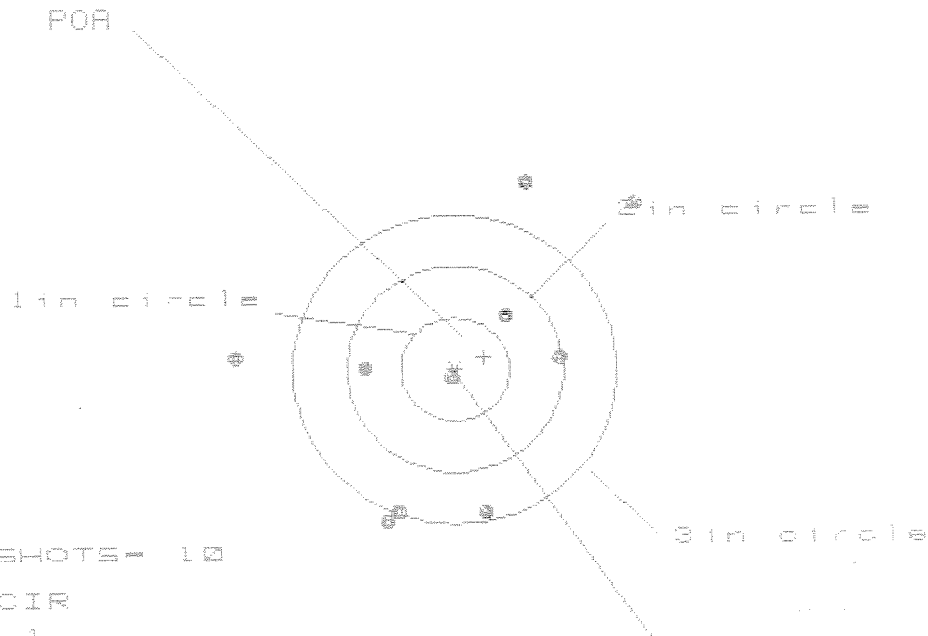
THE AVERAGE X-COORDINATE IS 100.000
THE AVERAGE Y-COORDINATE IS 100.000
THE RESULTING AVERAGE IS 100.000

AND FOR THIS RIFLE IS 100.000

17 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611499

CENTERFIRE PATTERNS # 1



CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.684	1.185	.957
MINIMUM X	-2.087	-1.828	-1.859
MAXIMUM Y	1.898	1.998	2.002
MINIMUM Y	-1.477	-1.295	-1.233
CENTROID X	-1.263	-1.454	-1.230
CENTROID Y	-1.119	-1.301	-1.150
POA TO CENTROID in.	1.241	1.340	1.411
MIN RADIUS	1.093	1.187	1.111
MEAN RADIUS	1.347	1.225	1.177
MAX RADIUS	2.351	2.178	2.121
HORIZONTAL SPREAD	3.691	3.003	2.978
VERTICAL SPREAD	3.285	3.287	3.175
EXTREME SPREAD	3.963	3.516	3.412
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 6		

17 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611499

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS = 3.071

VS = 2.466

CS = 3.467

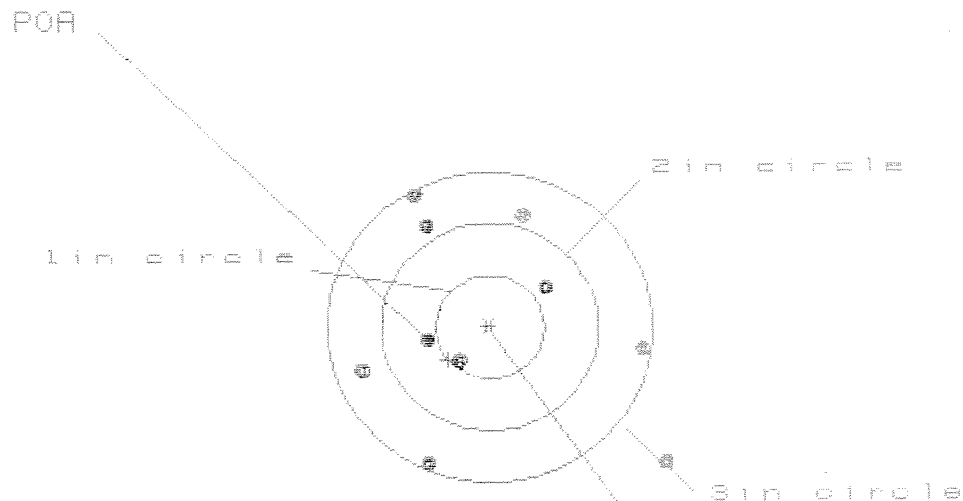
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.856	1.215	1.112
MINIMUM X	-1.215	-1.009	-1.112
MAXIMUM Y	1.202	1.122	1.039
MINIMUM Y	-1.204	-1.284	-1.143
CENTROID X	.453	.282	.385
CENTROID Y	.076	.156	.016
POB TO CENTROID in.	.494	.322	.385
MIN RADIUS	.145	.077	.120
MEAN RADIUS	1.017	.863	.805
MAX RADIUS	1.990	1.392	1.204
HORIZONTAL SPREAD	3.071	2.224	2.224
VERTICAL SPREAD	2.466	2.406	2.183
EXTREME SPREAD	3.467	2.737	2.329
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	6	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS = 2.836

VS = 2.612

GS = 3.468

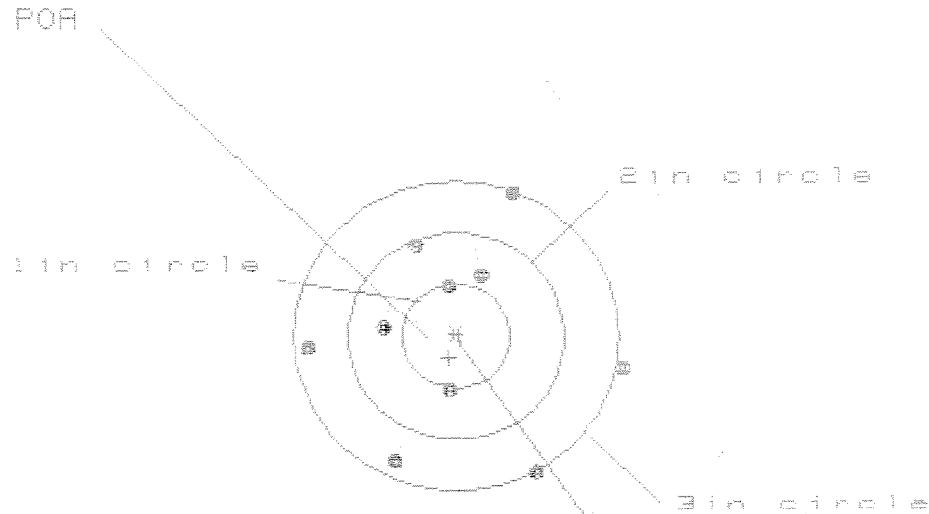
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.623	1.643	.904
MINIMUM X	-1.213	-1.033	-.827
MAXIMUM Y	1.262	1.112	1.069
MINIMUM Y	-1.350	-1.483	-1.526
CENTROID X	.386	.286	.090
CENTROID Y	.314	.464	.597
POA TO CENTROID in.	.497	.507	.507
MIN RADIUS	.363	.422	.307
MEAN RADIUS	1.156	1.018	.914
MAX RADIUS	2.111	1.680	1.542
HORIZONTAL SPREAD	2.836	2.676	1.731
VERTICAL SPREAD	2.612	2.595	2.595
EXTREME SPREAD	3.468	2.687	2.596
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.835

VS= 2.723

GS= 2.855

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.488	1.544	.951
MINIMUM X	-1.347	-1.291	-1.098
MAXIMUM Y	1.432	1.036	1.022
MINIMUM Y	-1.291	-1.131	-1.145
CENTROID X	.069	.019	-.100
CENTROID Y	.212	.052	.066
POA TO CENTROID in.	.223	.054	.192
MIN RADIUS	.458	.317	.398
MEAN RADIUS	1.039	.988	.853
MAX RADIUS	1.520	1.548	1.488
HORIZONTAL SPREAD	2.835	2.835	2.049
VERTICAL SPREAD	2.723	2.167	2.167
EXTREME SPREAD	2.855	2.837	2.404
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/08611499

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 4.096

VS= 2.776

GS= 4.778

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.555	.881	.724
MINIMUM X	-1.541	-1.257	-1.572
MAXIMUM Y	1.144	.963	1.044
MINIMUM Y	-1.632	-1.677	-1.596
CENTROID X	.286	.002	.159
CENTROID Y	-.466	-.285	-.366
POA TO CENTROID in.	.547	.285	.389
MIN RADIUS	.148	.285	.162
MEAN RADIUS	1.145	.850	.792
MAX RADIUS	3.032	1.994	1.753
HORIZONTAL SPREAD	4.096	2.138	1.296
VERTICAL SPREAD	2.776	2.640	2.640
EXTREME SPREAD	4.778	3.156	2.676
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		