

C6648952

MODEL 700™ M24

Model **SAS**

™

Action

Barrel Length

Capacity

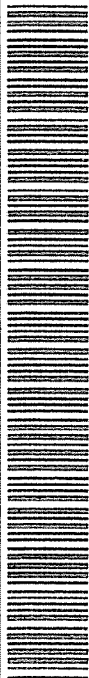
Order No.

5716

*Includes 1 in chamber.

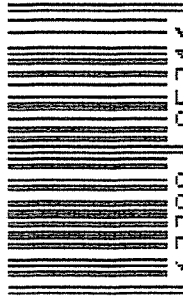
Remington

Remington® MODEL 700™ H24 MADE IN LION, 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.
DU PONT REG. U.S. PAT. & T.M. OFF.		SERIAL NO. C6648952
20		ORDER NO. 5716



5716 C6648952

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648952

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		JUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	KB
618	Polish Barrel		8/24/91	KB
620	Apply Coatings (Barrel Action)		8/29/91	LS
	Apply Coating (Bolt)		8/29/91	LS
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/21/91	JH

op. #	BARBER - M24 0033705	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/21/91	JM
	G) Safety Off Force	3	3	3			8/21/91	JM
	H) Trigger Pull Test & Retainability						8/21/91	JM
	I) Firing Pin Indent	.6205	.021	.021			8/21/91	JM
	J) Assemble Stock						8/21/91	RW
	K) Assemble Swivel Studs						8-23-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/21/91	RW
	M) Iron Sight Alignment						8/21/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/21/91	RW
	O) Attach Scope to Rifle						8/21/91	RW
	P) Detach & Attach Scope 20 Times						8/21/91	RW
640	Gallery Target & Test						8/22/91	RT
	A) Time							RT
	B) Malfunctions							RT
	C) Pierced Primers							RT
	D) Optical Clarity of Scope							RT
645	Inspect for Live Ammo						8/22/91	RT
655	Final Inspection							
	A) Headspace						8-23-91	D/H
	B) Trigger Pull	2.45	2.64	2.58	2.57	2.49	8-23-91	JM
	C) Function						8-23-91	D/H
660	Pack						9-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6648952DATE 8/21/91TESTER YU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.59	2.60	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.60	2.55	2.64	
PULL #3	2.60	2.58	2.58	2.38	
PULL #4	2.57	2.59	2.62	2.57	
PULL #5	2.59	2.67	2.60	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.69	3.30		
PULL #2	3.66	3.26		
PULL #3	3.65	3.30		
PULL #4	3.65	3.22		
PULL #5	3.59	3.32		
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	4.27		4.37
PULL #2	4.39	4.29		4.36
PULL #3	4.29	4.32		4.27
PULL #4	4.31	4.33		4.33
PULL #5	4.31	4.31		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648952
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.123434
1 TO	2	.265092
1 TO	3	.397554
1 TO	4	.297069
1 TO	5	.303488

10

<----FOR

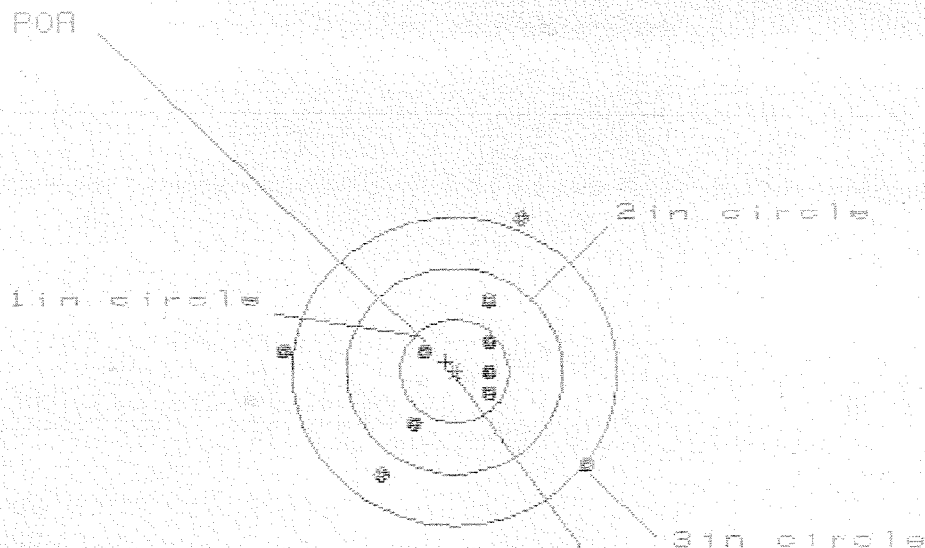
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1988
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0592
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .207427

THE AMR FOR THIS RIFLE IS: .3182

22 Aug 1991

FILE: \PATTERNING\CENTERFIRE_PATT\0664B952

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 7

CENTROID *

HS = 2.803

VS = 2.510

GS = 3.021

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.228	1.053	1.106
MINIMUM X	-1.575	-0.860	-0.807
MAXIMUM Y	1.465	1.485	1.883
MINIMUM Y	-1.045	-1.025	-0.839
CENTROID X	.080	.255	.202
CENTROID Y	-.094	-.114	-.300
POA TO CENTROID in.	.123	.280	.362
MIN RADIUS	.271	.100	.167
MEAN RADIUS	.972	.765	.687
MAX RADIUS	1.586	1.545	1.329
HORIZONTAL SPREAD	2.803	1.913	1.913
VERTICAL SPREAD	2.510	2.510	1.722
EXTREME SPREAD	3.021	2.820	1.982
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

22 Aug 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06848352

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 4

2in = 5

3in = 9

HS = 2.318

VS = 2.207

GS = 2.636

CENTROID *

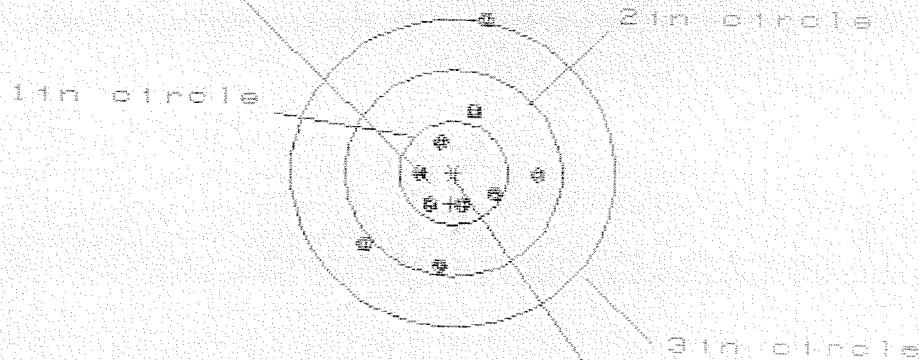
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	.941	.950
MINIMUM X	:	-1.109	-.974	-.965
MAXIMUM Y	:	1.307	1.430	.416
MINIMUM Y	:	-.900	-.777	-.599
CENTROID X	:	.145	.010	.001
CENTROID Y	:	.163	.040	-.139
POR TO CENTROID in.	:	.218	.042	.139
MIN RADIUS	:	.160	.238	.186
MEAN RADIUS	:	.821	.698	.579
MAX RADIUS	:	1.638	1.432	.990
HORIZONTAL SPREAD	:	2.318	1.915	1.915
VERTICAL SPREAD	:	2.207	2.207	1.014
EXTREME SPREAD	:	2.636	2.242	1.919
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Aug 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6B4B352

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.547

VS= 2.437

GS= 2.481

CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.782	.813	.708
MINIMUM X	-.865	-.834	-.427
MAXIMUM Y	1.525	.722	.658
MINIMUM Y	-.912	-.743	-.806
CENTROID X	.020	-.011	.094
CENTROID Y	.299	.130	.193
POA TO CENTROID in.	.300	.131	.215
MIN RADIUS	.287	.153	.171
MEAN RADIUS	.675	.553	.499
MAX RADIUS	1.550	.976	.828
HORIZONTAL SPREAD	1.647	1.647	1.135
VERTICAL SPREAD	2.437	1.465	1.465
EXTREME SPREAD	2.481	1.786	1.482
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B952

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 7

HS = 2.700

VS = 2.954

GS = 3.520

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.832

.648

.339

MINIMUM X

-.868

-.664

-.583

MAXIMUM Y

1.390

.776

.600

MINIMUM Y

-1.564

-1.410

-1.551

CENTROID X

.373

.169

.088

CENTROID Y

-.045

-.199

-.023

POR TO CENTROID in.

.375

.261

.091

MIN RADIUS

.215

.118

.282

MEAN RADIUS

.914

.757

.601

MAX RADIUS

2.300

1.552

1.558

HORIZONTAL SPREAD

2.700

1.312

.922

VERTICAL SPREAD

2.954

2.186

2.157

EXTREME SPREAD

3.520

2.294

2.152

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

7

22 Aug 1991

FILE: PATTERNING/CENTERFIRE_PATT/C654B952

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 1.794

VS = 2.333

GS = 2.619

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.070	1.128
MINIMUM X	-.652	-.675	-.617
MAXIMUM Y	1.177	1.048	.658
MINIMUM Y	-1.156	-.730	-.599
CENTROID X	.376	.448	.390
CENTROID Y	-.027	.102	-.029
POA TO CENTROID in.	.377	.459	.391
MIN RADIUS	.182	.325	.191
MEAN RADIUS	.809	.777	.688
MAX RADIUS	1.327	1.295	1.277
HORIZONTAL SPREAD	1.794	1.745	1.745
VERTICAL SPREAD	2.333	1.778	1.257
EXTREME SPREAD	2.619	2.108	2.108
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	