

FORM

UPC



0 47700 25716 7

06665838

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665838

ORDER NO.

5716

20

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



5716 C6665838

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

CC665838

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)		10-14-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/25/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/25/91	KS
	C) Inspect Ejector Hole for Chamfer		10/25/91	KS
	D) Oil Firing Pin Ass'y		10/25/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		10/28/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			10/18/91	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			10/18/91	WB
	H) Trigger Pull Test & Retainability						10/28/91	JH
	I) Firing Pin Indent	.0215	.0205	.021			10/28/91	WB
	J) Assemble Stock						10/28/91	AC
	K) Assemble Swivel Studs						10-20-91	AC
	L) Attach Front and Rear Sight Assemblies						10/28/91	KH
	M) Iron Sight Alignment						10/28/91	KH
	N) Detach Front & Rear Sights & place in numbered container						10/28/91	KH
	O) Attach Scope to Rifle						10/28/91	KH
	P) Detach & Attach Scope 20 Times						10/28/91	KH
640	Gallery Target & Test						10-28-91	AC
	A) Time						10-29-91	AC
	B) Malfunctions						10-29-91	AC
	C) Pierced Primers						10-29-91	AC
	D) Optical Clarity of Scope						10-29-91	AC
645	Inspect for Live Ammo						10-29-91	AC
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	257	251	242	242	240	10-30-91	DH
	C) Function						10-30-91	AC
660	Pack						12/8-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6665838

DATE 10/28/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.54	2.50	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.32	2.54	2.51	
PULL #3	2.63	2.53	2.44	2.42	
PULL #4	2.40	2.52	2.50	2.42	
PULL #5	2.54	2.55	2.51	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.63	3.52		
PULL #2	3.58	3.49		
PULL #3	3.57	3.50		
PULL #4	3.60	3.66		
PULL #5	3.56	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.25		4.28
PULL #2	4.63	4.42		4.31
PULL #3	4.43	4.44		4.40
PULL #4	4.42	4.37		4.29
PULL #5	4.34	4.38		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665838
29 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.104657
1 TO 2	.33388
1 TO 3	.155013
1 TO 4	.462313
1 TO 5	.0957079

45
4

-----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0646
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0682434

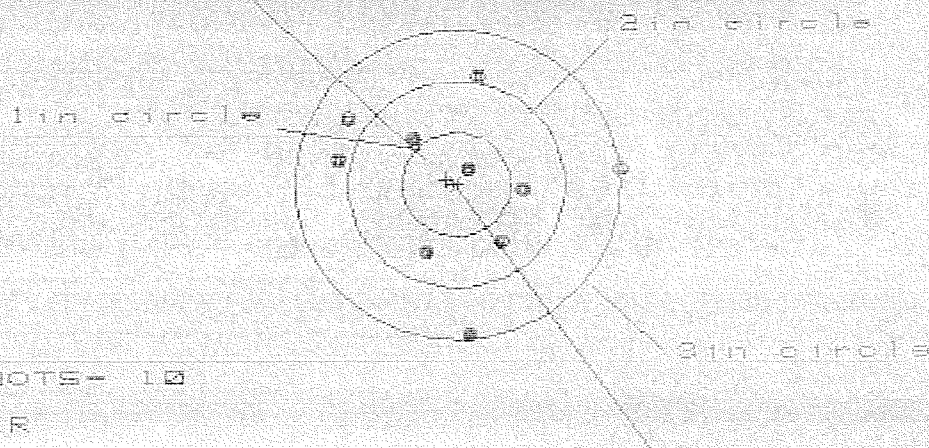
THE AMR FOR THIS RIFLE IS: 1.018

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865838

CENTERFIRE PATTERNS # 1

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.587

VS = 2.544

GS = 2.590

CENTROID #

PATTERN #

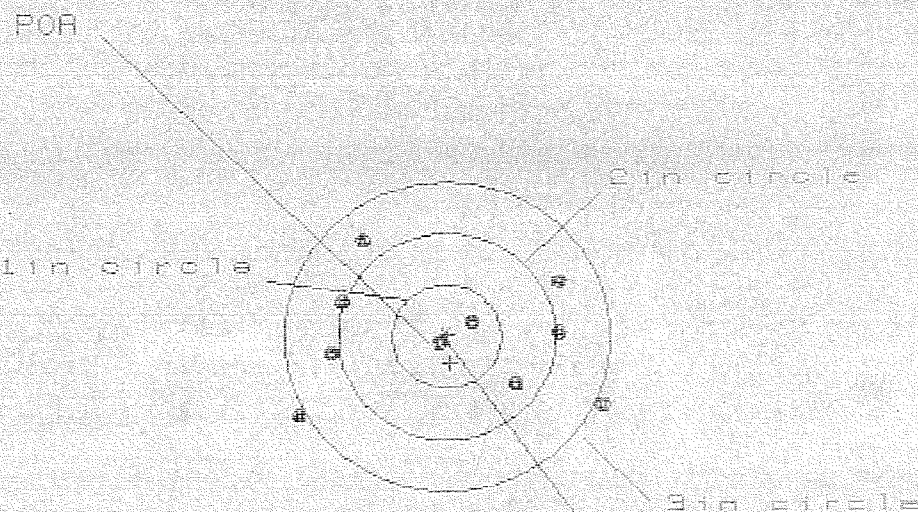
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.461	.788	.822
MINIMUM X	-1.126	-.964	-.930
MAXIMUM Y	1.090	1.108	.828
MINIMUM Y	-1.454	-1.436	-.863
CENTROID X	.093	-.069	-.103
CENTROID Y	-.048	-.066	.114
POA TO CENTROID in.	.105	.095	.154
MIN RADIUS	.155	.289	.285
MEAN RADIUS	.914	.856	.762
MAX RADIUS	1.469	1.462	.993
HORIZONTAL SPREAD	2.587	1.752	1.752
VERTICAL SPREAD	2.544	2.544	1.791
EXTREME SPREAD	2.590	2.544	1.841
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/08855838

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.832

VS= 1.705

GS= 2.834

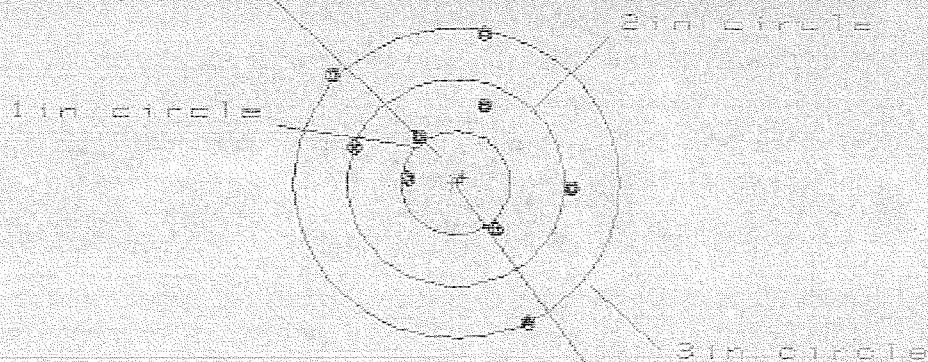
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.436	1.281	1.612
MINIMUM X	:	-1.396	-1.251	-1.091
MAXIMUM Y	:	.967	.885	.796
MINIMUM Y	:	-.738	-.718	-.592
CENTROID X	:	-.031	.124	-.036
CENTROID Y	:	.262	.344	.433
POA TO CENTROID in.	:	.263	.365	.435
MIN RADIUS	:	.103	.132	.270
MEAN RADIUS	:	.986	.901	.844
MAX RADIUS	:	1.579	1.468	1.137
HORIZONTAL SPREAD	:	2.832	2.532	2.103
VERTICAL SPREAD	:	1.705	1.603	1.388
EXTREME SPREAD	:	2.834	2.764	2.200
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.136

VS= 3.773

GS= 3.773

CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.023	1.048	.912
MINIMUM X	:	-1.113	-1.088	-1.025
MAXIMUM Y	:	1.470	1.214	1.317
MINIMUM Y	:	-2.303	-1.557	-1.454
CENTROID X	:	-.062	-.087	.048
CENTROID Y	:	-.050	.206	.103
POA TO CENTROID IN.	:	.080	.224	.114
MIN RADIUS	:	.393	.360	.511
MEAN RADIUS	:	1.109	.933	.889
MAX RADIUS	:	2.314	1.704	1.557
HORIZONTAL SPREAD	:	2.136	2.136	1.938
VERTICAL SPREAD	:	3.773	2.771	2.771
EXTREME SPREAD	:	3.773	2.973	2.800
NUMBER IN ONE INCH CIRCLE	=		1	
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

CENTROID #

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.005

VS= 1.991

GS= 3.007

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.333

1.147

.959

MINIMUM X

-1.672

-1.501

-1.972

MAXIMUM Y

1.017

.946

.815

MINIMUM Y

-.974

-1.045

-1.956

CENTROID X

-.069

.117

.305

CENTROID Y

-.481

-.410

-.279

POA TO CENTROID in.

.486

.426

.413

MIN RADIUS

.038

.230

.452

MEAN RADIUS

1.053

.966

.842

MAX RADIUS

1.791

1.829

1.354

HORIZONTAL SPREAD

3.005

2.648

1.931

VERTICAL SPREAD

1.991

1.991

1.771

EXTREME SPREAD

3.007

2.740

2.381

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

7

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685838

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.877

VS= 2.563

GS= 2.898

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.534

1.052

.746

MINIMUM X

-1.343

-1.173

-1.041

MAXIMUM Y

1.215

1.240

1.271

MINIMUM Y

-1.348

-1.323

-1.168

CENTROID X

.179

.009

-.122

CENTROID Y

-.006

-.031

-.186

POA TO CENTROID in.

.179

.032

.223

MIN RADIUS

.111

.276

.462

MEAN RADIUS

1.030

.960

.866

MAX RADIUS

1.550

1.626

1.386

HORIZONTAL SPREAD

2.877

2.225

1.787

VERTICAL SPREAD

2.563

2.563

2.439

EXTREME SPREAD

2.898

2.631

2.476

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

8