

FORM

UPC



0 47700 25716 7

C6665764

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665764

ORDER NO.

5716

20

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



5716 C6665764

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665764

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	LS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-8-91	KL
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KL
	C) Inspect Ejector Hole for Chamfer		12/3/91	KL
	D) Oil Firing Pin Ass'y		12/3/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		12-5-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12-5-91	SV
	G) Safety Off Force	2	2	3			12-5-91	SV
	H) Trigger Pull Test & Retainability						12-5-91	SV
	I) Firing Pin Indent	.0215	.0215	.021			12-5-91	SV
	J) Assemble Stock						12/5/91	SV
	K) Assemble Swivel Studs						12-9-91	AC
	L) Attach Front and Rear Sight Assemblies						12/5/91	SV
	M) Iron Sight Alignment						12/5/91	SV
	N) Detach Front & Rear Sights & place in numbered container						12/5/91	SV
	O) Attach Scope to Rifle						12/5/91	SV
	P) Detach & Attach Scope 20 Times						12/5/91	SV
640	Gallery Target & Test						12-6-91	AC
	A) Time						12-6-91	AC
	B) Malfunctions						12-6-91	AC
	C) Pierced Primers						12-6-91	AC
	D) Optical Clarity of Scope						12-6-91	AC
645	Inspect for Live Ammo						12-6-91	AC
655	Final Inspection							
	A) Headspace						12-9-91	AC
	B) Trigger Pull	241	243	247	240	237	12-7-91	D/H
	C) Function						12-9-91	AC
660	Pack						12-19-91	SV

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665764
DATE 12-5-91
TESTER. JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.39	2.30	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.34	2.38	2.43	
PULL #3	2.42	2.36	2.44	2.47	
PULL #4	2.36	2.34	2.31	2.40	
PULL #5	2.32	2.33	2.39	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.30		
PULL #2	3.36	3.31		
PULL #3	3.30	3.27		
PULL #4	3.38	3.40		
PULL #5	3.36	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.40		4.38
PULL #2	4.35	4.25		4.37
PULL #3	4.36	4.23		4.37
PULL #4	4.36	4.35		4.30
PULL #5	4.36	4.42		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665764
6 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.221371
1 TO 2	.478483
1 TO 3	.30536
1 TO 4	.187321
1 TO 5	.165303

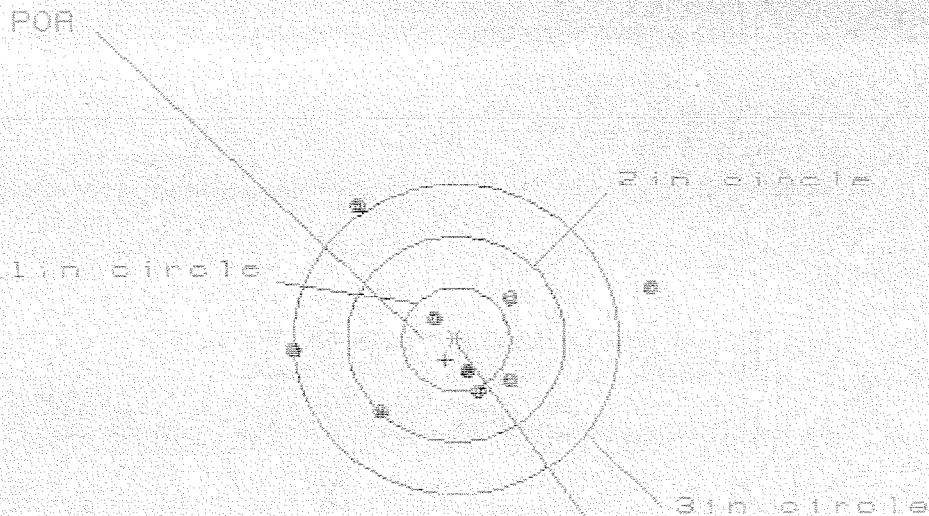
4 -----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .057
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.007
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0574262
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9308

6 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/06665764

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 3.277

VS= 2.058

GS= 3.325

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.754	.731	.647
MINIMUM X	:	-1.523	-1.328	-1.412
MAXIMUM Y	:	1.335	1.387	.650
MINIMUM Y	:	-.724	-.671	-.498
CENTROID X	:	.099	-.096	-.012
CENTROID Y	:	.198	.145	-.028
POA TO CENTROID in.	:	.221	.174	.091
MIN RADIUS	:	.279	.273	.215
MEAN RADIUS	:	.891	.801	.661
VAR. RADIUS	:	1.815	1.538	1.418
HORIZONTAL SPREAD	:	3.277	2.059	2.059
VERTICAL SPREAD	:	2.058	2.058	1.148
EXTREME SPREAD	:	3.325	2.187	2.075
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665764

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.177

VS = 3.391

GS = 3.666

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.195

1.106

1.168

MINIMUM X

-1.982

-1.071

-1.009

MAXIMUM Y

1.570

1.368

1.057

MINIMUM Y

-1.021

-1.213

-1.042

CENTROID X

-1.146

-1.057

-1.119

CENTROID Y

-1.213

-1.011

-1.182

POA TO CENTROID in.

.258

.058

.218

MIN RADIUS

.137

.1357

.175

MEAN RADIUS

1.125

1.042

.954

MAX RADIUS

1.990

1.618

1.462

HORIZONTAL SPREAD

2.177

2.177

2.177

VERTICAL SPREAD

3.391

2.581

2.099

EXTREME SPREAD

3.666

3.022

2.903

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

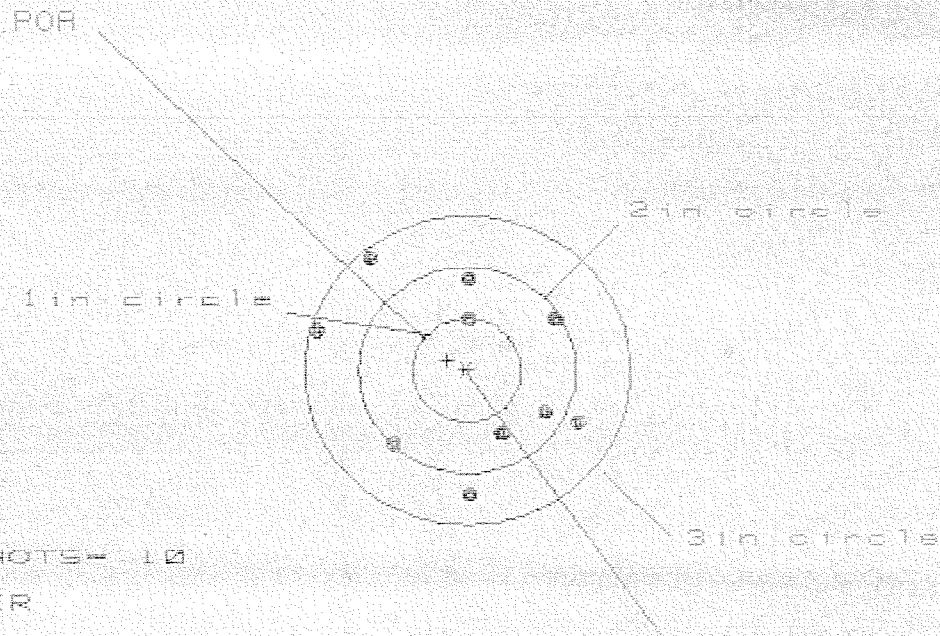
NUMBER IN THREE INCH CIRCLE =

7

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665764

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.386

VS= 2.275

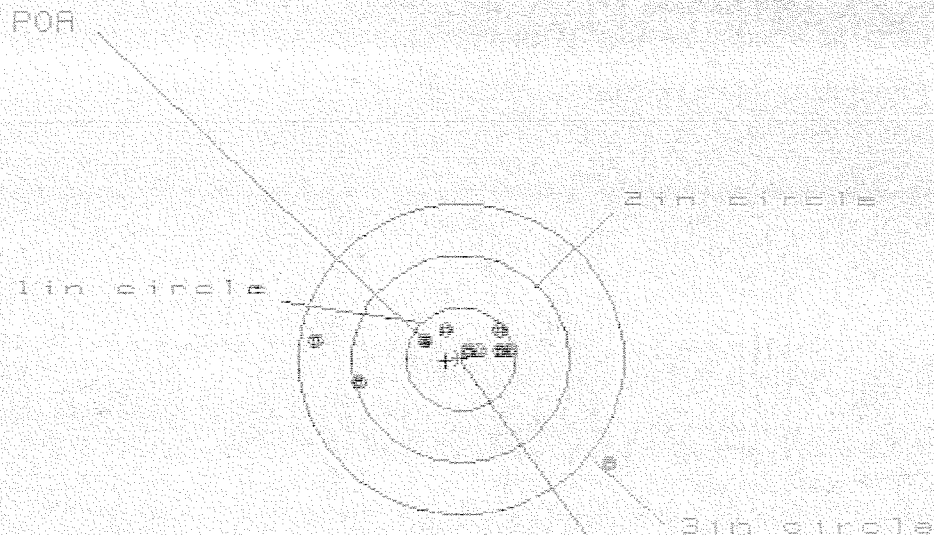
GS= 2.541

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.044
MINIMUM X	-1.342
MAXIMUM Y	1.102
MINIMUM Y	-1.173
CENTROID X	.185
CENTROID Y	-.095
POA TO CENTROID in.	.208
MIN. RADIUS	.495
MEAN RADIUS	.997
MAX. RADIUS	1.397
HORIZONTAL SPREAD	2.386
VERTICAL SPREAD	2.275
EXTREME SPREAD	2.541
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685784

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 7

2in = 8

3in = 9

HS= 2.766

VS= 1.332

GS= 3.011

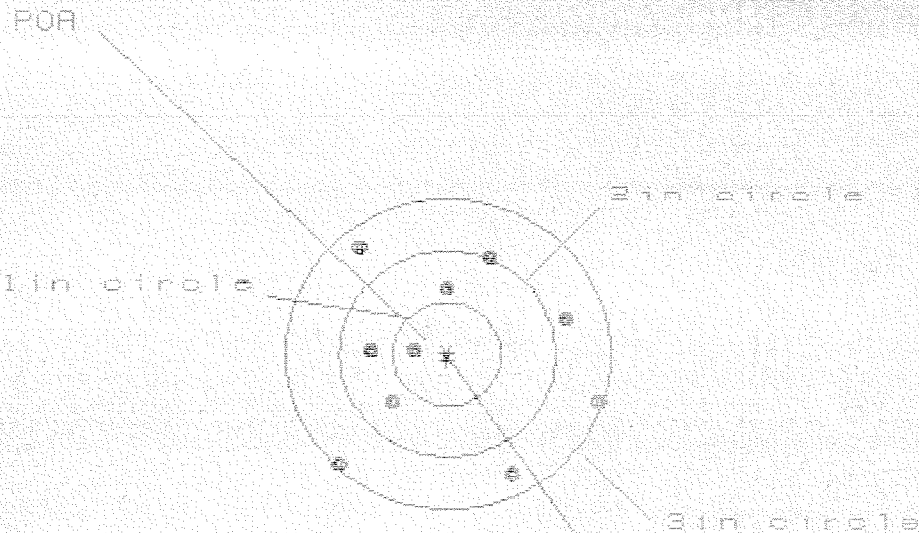
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	.584	.432
MINIMUM X	:	-1.364	-1.208	-.936
MAXIMUM Y	:	.207	.171	.174
MINIMUM Y	:	-1.045	-.350	-.347
CENTROID X	:	.139	-.017	.134
CENTROID Y	:	.015	.131	.128
POA TO CENTROID in.	:	.140	.132	.185
MIN RADIUS	:	.090	.163	.084
MEAN RADIUS	:	.635	.514	.374
MAX RADIUS	:	1.749	1.200	.990
HORIZONTAL SPREAD	:	2.766	1.792	1.069
VERTICAL SPREAD	:	1.332	.521	.521
EXTREME SPREAD	:	3.011	1.793	1.407
NUMBER IN ONE INCH CIRCLE	=		7	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08665764

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.369

VS= 2.250

GS= 2.660

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.378	1.200	1.095
MINIMUM X	-1.991	-1.838	-1.737
MAXIMUM Y	1.047	.991	.858
MINIMUM Y	-1.203	-1.259	-1.092
CENTROID X	.008	-.145	-.040
CENTROID Y	.060	.116	.249
POA TO CENTROID in.	.061	.186	.252
1IN RADIUS	.315	.154	.279
2IN RADIUS	1.006	.916	.860
3IN RADIUS	1.467	1.453	1.524
HORIZONTAL SPREAD	2.369	2.038	1.832
VERTICAL SPREAD	2.250	2.250	2.250
EXTREME SPREAD	2.660	2.628	2.628
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		