

FROM

UPC



0 47700 25716 2

06665678

*INCLUDES 1 IN CHAMBER

MODEL 700 TN M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665678

ORDER NO.

5716

20

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



5716 C6665678

ORDER 5716

MODEL 700 TM M24

UPC

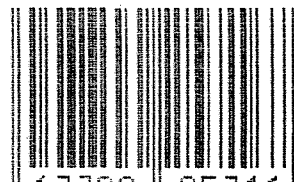
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665678

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	<i>RW</i>
600	Proof	9 26	91	<i>RW</i>
607	Check Headspace	9 26	91	<i>RW</i>
610	Dis-assemble Gun	9 26	91	<i>RW</i>
612	Magnaflux Barrel Action		SEP 30 1991	<i>KR</i>
	Magnaflux Bolt		SEP 30 1991	<i>KR</i>
615	Rollmark Caliber		SEP 30 1991	<i>LS</i>
617	Drill and Tap Sight Holes		SEP 30 1991	<i>FB</i>
618	Polish Barrel		OCT 2 1991	<i>WT</i>
620	Apply Coatings (Barrel Action)		10-13-91	<i>SA</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/13/91	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/13/91	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	<i>SA</i>

op. #	BARBER M24 0101240	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/28/91	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			10/28/91	WB
	H) Trigger Pull Test & Retainability						10/28/91	JH
	I) Firing Pin Indent	.0205	.020	.020			10/28/91	WB
	J) Assemble Stock						10/29/91	RW
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/29/91	RW
	M) Iron Sight Alignment						10/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/29/91	RW
	O) Attach Scope to Rifle						10/29/91	RW
	P) Detach & Attach Scope 20 Times						10/29/91	RW
640	Gallery Target & Test						10/29/91	K-T
	A) Time							K-T
	B) Malfunctions							K-T
	C) Pierced Primers							K-T
	D) Optical Clarity of Scope							K-T
645	Inspect for Live Ammo						10/29/91	K-T
655	Final Inspection							
	A) Headspace						10-30-91	AE
	B) Trigger Pull	2.39	2.41	2.37	2.35	2.36	10-30-91	DH
	C) Function						10-30-91	AC
660	Pack						12-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C4665678

DATE 10/28/91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.47	2.50	239	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.57	2.52	241	
PULL #3	2.64	2.54	2.53	237	
PULL #4	2.69	2.34	2.49	235	
PULL #5	2.57	2.56	2.50	236	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.50		
PULL #2	3.32	3.56		
PULL #3	3.28	3.58		
PULL #4	3.44	3.66		
PULL #5	3.42	3.55		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.68		4.22
PULL #2	4.43	4.65		4.70
PULL #3	4.66	4.46		4.58
PULL #4	4.69	4.68		4.70
PULL #5	4.42	4.69		4.70
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665678
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	1.0984
1 TO	2	.966913
1 TO	3	.95904
1 TO	4	1.01627
1 TO	5	1.38689

$\frac{5^2}{4}$
¹
₄
 $\leftarrow$ PDR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .257
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .055
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .262819
 THE AMR FOR THIS RIFLE IS: .9418

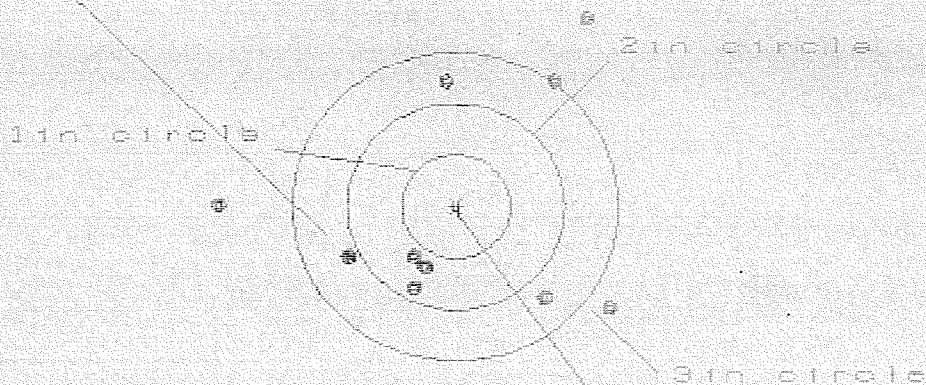
29 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C9665878

CENTERFIRE PATTERNS

1

POB



OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 6

HS = 3.631

VS = 2.787

GS = 3.827

CENTROID *

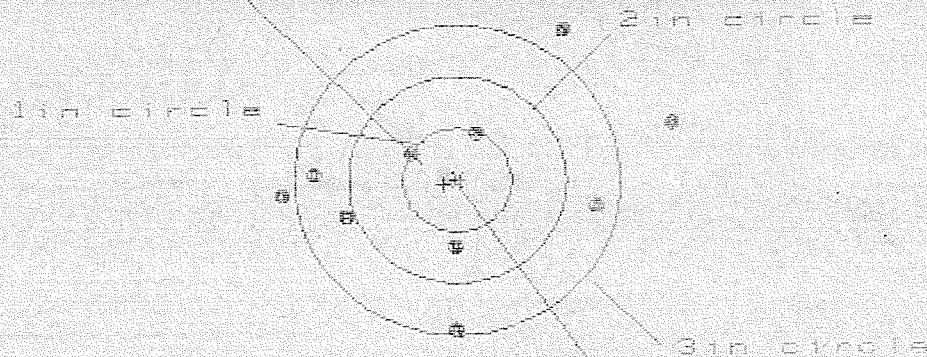
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.399	1.151	1.268
MINIMUM X	-2.232	-1.197	-1.089
MAXIMUM Y	1.792	1.799	1.423
MINIMUM Y	-0.995	-0.988	-0.763
CENTROID X	.987	1.235	1.118
CENTROID Y	.482	.475	.250
POB TO CENTROID in.	1.098	1.323	1.146
MIN RADIUS	.582	.751	.532
MEAN RADIUS	1.319	1.227	1.055
MAX RADIUS	2.232	2.025	1.632
HORIZONTAL SPREAD	3.631	2.348	2.348
VERTICAL SPREAD	2.787	2.787	2.187
EXTREME SPREAD	3.827	3.140	2.658
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665678

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 3.556

VS = 2.896

GS = 3.615

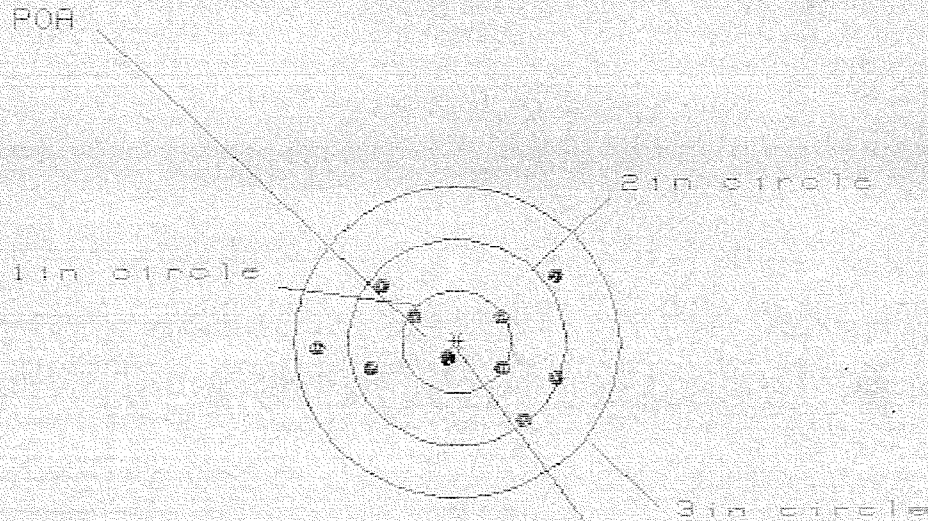
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.970	1.480	1.631
MINIMUM X	:	-1.587	-1.368	-1.217
MAXIMUM Y	:	1.467	1.528	.721
MINIMUM Y	:	-1.429	-1.368	-1.177
CENTROID X	:	.126	-.093	-.244
CENTROID Y	:	.042	-.019	-.210
POA TO CENTROID in.	:	.132	.095	.322
MIN RADIUS	:	.486	.362	.491
MEAN RADIUS	:	1.208	1.078	.948
MAX RADIUS	:	2.045	1.948	1.631
HORIZONTAL SPREAD	:	3.556	2.848	2.848
VERTICAL SPREAD	:	2.896	2.896	1.896
EXTREME SPREAD	:	3.615	3.057	2.852
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B65628

CENTERFIRE PATTERNS # 3



OF SHOTS- 10
 # IN CIR
 1 in = 4
 2 in = 8
 3 in = 10
 HS= 2.249
 VS= 1.414
 GS= 2.371

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.948	.803	.819
MINIMUM X	:	-1.300	-.904	-.804
MAXIMUM Y	:	.695	.688	.621
MINIMUM Y	:	-.719	-.726	-.640
CENTROID X	:	.088	.233	.133
CENTROID Y	:	.148	.155	.069
POA TO CENTROID in.	:	.173	.280	.149
MIN RADIUS	:	.181	.260	.129
MEAN RADIUS	:	.758	.687	.628
MAX RADIUS	:	1.302	1.058	.939
HORIZONTAL SPREAD	:	2.248	1.707	1.623
VERTICAL SPREAD	:	1.414	1.414	1.261
EXTREME SPREAD	:	2.371	1.946	1.783
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665678

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 3.140

VS= 1.780

GS= 3.421

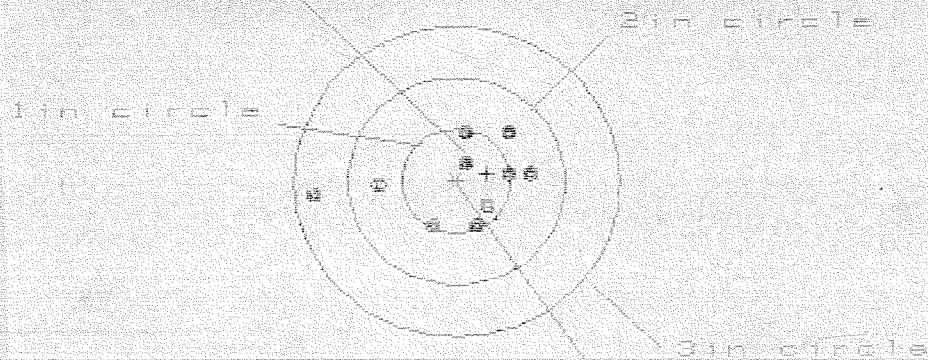
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.252	.526	.577
MINIMUM X	:	-.888	-.637	-.586
MAXIMUM Y	:	.728	.611	.466
MINIMUM Y	:	-1.052	-1.157	-.697
CENTROID X	:	.368	.117	.066
CENTROID Y	:	-.324	-.207	-.062
POA TO CENTROID in.	:	.490	.238	.090
MIN RADIUS	:	.234	.133	.089
MEAN RADIUS	:	.827	.548	.419
MAX RADIUS	:	2.486	1.228	.905
HORIZONTAL SPREAD	:	3.140	1.163	1.163
VERTICAL SPREAD	:	1.780	1.768	1.163
EXTREME SPREAD	:	3.421	1.887	1.896
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE: PATTERNING/CENTERFIRE_PATT/08885628

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

CENTROID *

HS= 1.987

VS= .933

GS= 1.998

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.706	.563	.451
MINIMUM X	:	-1.281	-.899	-.569
MAXIMUM Y	:	.474	.462	.452
MINIMUM Y	:	-.459	-.471	-.481
CENTROID X	:	-.284	-.141	-.029
CENTROID Y	:	-.073	-.061	-.051
FOR TO CENTROID in.	:	.293	.154	.059
MIN RADIUS	:	.237	.216	.185
MEAN RADIUS	:	.597	.486	.412
MAX RADIUS	:	1.286	.902	.700
HORIZONTAL SPREAD	:	1.987	1.462	.960
VERTICAL SPREAD	:	.933	.933	.933
EXTREME SPREAD	:	1.998	1.471	1.162
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	