

FURN

UPC



0 47700 25716 7

66665683

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 700TM M24**SERIAL NO.**

C6665683

ORDER NO.**5716**

20

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



5716 C6665683

ORDER 5716MODEL 700TM M24**UPC****ORDER 5716**MODEL 700TM M24**UPC**

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665683

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 91		RW
600	Proof	9 26 91		RW
607	Check Headspace	9 26 91		RW
610	Dis-assemble Gun	9 26 91		RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	PA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/18/91	JP

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/21/91	JH
	G) Safety Off Force	3	3	3			10/21/91	JH
	H) Trigger Pull Test & Retainability						10/18/91	JH
	I) Firing Pin Indent	1020	1020	1020			10/21/91	JH
	J) Assemble Stock						10/21/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/21/91	RW
	M) Iron Sight Alignment						10/21/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/21/91	RW
	O) Attach Scope to Rifle						10/21/91	RW
	P) Detach & Attach Scope 20 Times						10/21/91	RW
640	Gallery Target & Test						10-21-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10-21-91	AF
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	2.43	2.14	2.34	2.47	2.56	10-22-91	DH
	C) Function						10-22-91	AC
660	Pack						12-18-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 0-6665683

DATE 10/18/91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.58	2.56	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.32	2.50	2.14	
PULL #3	2.25	2.57	2.58	2.34	
PULL #4	2.30	2.59	2.60	2.47	
PULL #5	2.24	2.59	2.59	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.57		
PULL #2	3.45	3.40		
PULL #3	3.44	3.41		
PULL #4	3.51	3.43		
PULL #5	3.48	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.27		4.12
PULL #2	4.29	4.17		4.35
PULL #3	4.20	4.29		4.34
PULL #4	4.18	4.28		4.36
PULL #5	4.27	4.27		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665683
21 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.388022
1 TO	2	1.31358
1 TO	3	.80577
1 TO	4	.542498
1 TO	5	.760592

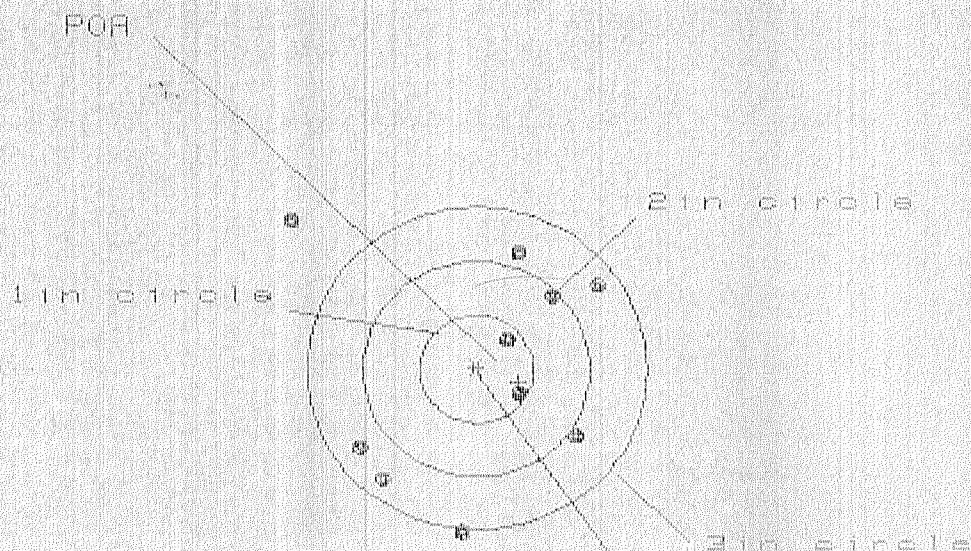
45
3 (---POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1494
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1822
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .235621
THE AMR FOR THIS RIFLE IS: .9706

21 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06665883

CENTERFIRE PATTERNS # 1



* OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 2.778

VS= 2.926

GS= 3.304

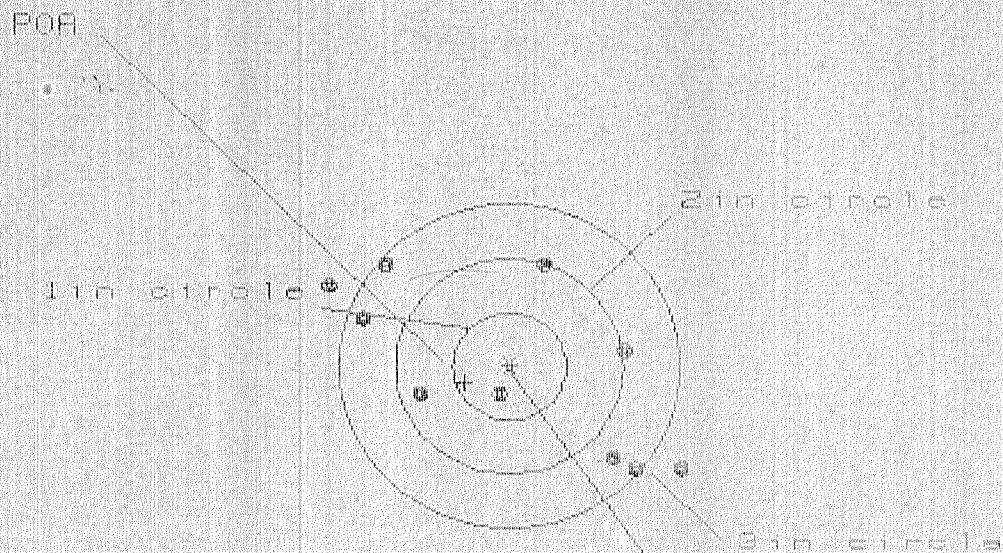
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	.924	.884
MINIMUM X	-1.669	-1.212	-1.252
MAXIMUM Y	1.385	1.197	1.024
MINIMUM Y	-1.541	-1.387	-1.078
CENTROID X	-.369	-.184	-.144
CENTROID Y	.120	-.034	.139
POA TO CENTROID in.	.388	.187	.200
MIN RADIUS	.385	.154	.234
MEAN RADIUS	1.163	1.007	.924
MAX RADIUS	2.169	1.423	1.525
HORIZONTAL SPREAD	2.778	2.136	2.136
VERTICAL SPREAD	2.926	2.584	2.102
EXTREME SPREAD	3.304	2.684	2.684
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865683

CENTERFIRE PATTERNS # 5



OF SHOTS= 12

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.027

VS= 1.931

GS= 3.457

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.461	1.287	1.067
MINIMUM X	:	-1.566	-1.428	-1.267
MAXIMUM Y	:	.950	1.034	.929
MINIMUM Y	:	-.981	-.897	-1.002
CENTROID X	:	.391	.565	.404
CENTROID Y	:	.150	.066	.171
POA TO CENTROID in.	:	.418	.569	.439
MIN RADIUS	:	.219	.273	.243
MEAN RADIUS	:	1.195	1.126	1.063
MAX RADIUS	:	1.735	1.581	1.464
HORIZONTAL SPREAD	:	3.027	2.715	2.334
VERTICAL SPREAD	:	1.931	1.931	1.931
EXTREME SPREAD	:	3.457	3.114	2.852
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

21 Oct 1991

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.394

VS= 1.456

GS= 2.438

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.033	.882	.727
MINIMUM X	:	-1.361	-1.239	-.681
MAXIMUM Y	:	.635	.622	.583
MINIMUM Y	:	-.821	-.834	-.757
CENTROID X	:	.171	.322	.477
CENTROID Y	:	.068	.081	.004
POA TO CENTROID in.	:	.184	.333	.477
MIN RADIUS	:	.252	.174	.279
MEAN RADIUS	:	.794	.715	.624
MAX RADIUS	:	1.367	1.387	.838
HORIZONTAL SPREAD	:	2.394	2.121	1.328
VERTICAL SPREAD	:	1.456	1.456	1.340
EXTREME SPREAD	:	2.438	2.237	1.617
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

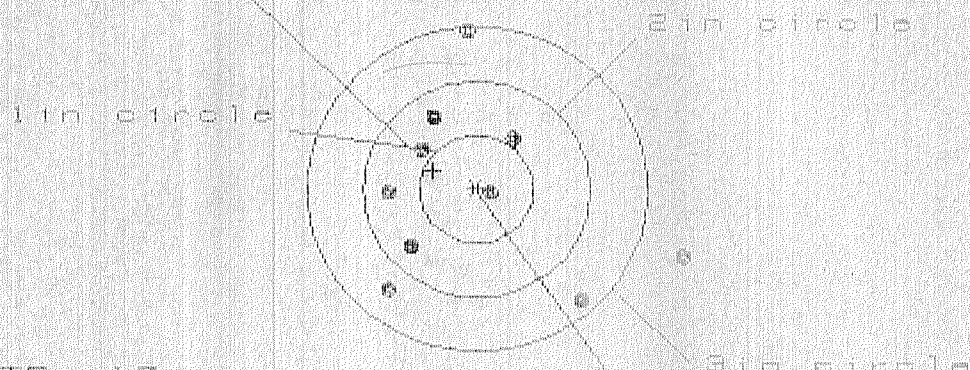
21 Oct 1991

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CENTERFIRE PATTERNS

3

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.652

VS= 2.495

GS= 2.871

CENTROID *

PATTERN #

:

3

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.845

1.090

1.102

MINIMUM X

:

-.807

-.602

-.590

MAXIMUM Y

:

1.501

1.434

.736

MINIMUM Y

:

-.994

-1.061

-.882

CENTROID X

:

.382

.177

.165

CENTROID Y

:

-.172

-.105

-.384

POA TO CENTROID in.:

.419

.206

.329

MIN RADIUS

:

.120

.335

.344

MEAN RADIUS

:

.959

.819

.746

MAX RADIUS

:

1.941

1.521

1.411

HORIZONTAL SPREAD

:

2.652

1.692

1.692

VERTICAL SPREAD

:

2.495

2.495

1.618

EXTREME SPREAD

:

2.871

2.685

2.054

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

21 Oct 1981

FILE: /PATTERNING/CENTERFIRE_PATT/C86658B3

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 4

2in = 6

3in = 9

HS = 2.094

VS = 2.405

GS = 2.784

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.054	.946	1.012
MINIMUM X	-1.040	-1.148	-1.030
MAXIMUM Y	.930	.775	.810
MINIMUM Y	-1.467	-.391	-.356
CENTROID X	.172	.280	.162
CENTROID Y	-1.077	-.914	-.949
POA TO CENTROID in.	1.091	.956	.963
MIN RADIUS	.176	.149	.160
MEAN RADIUS	.742	.620	.561
MAX RADIUS	1.761	1.193	1.070
HORIZONTAL SPREAD	2.094	2.094	2.042
VERTICAL SPREAD	2.405	1.166	1.166
EXTREME SPREAD	2.784	2.178	2.043
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	