

FORM

UPC



C6665831

*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.

C6665831

ORDER NO.

5716

20

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



5716 C6665831

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665831

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KA
600	Proof		9/26/91	KA
607	Check Headspace		9/26/91	KA
610	Dis-assemble Gun		9/26/91	KA
612	Magnaflux Barrel Action		OCT 1 0 1991	KCR
	Magnaflux Bolt		OCT 1 0 1991	KCR
615	Rollmark Caliber		OCT 1 0 1991	GB
617	Drill and Tap Sight Holes		OCT 1 5 1991	LB
618	Polish Barrel		OCT 1 5 1991	WB
620	Apply Coatings (Barrel Action)		11-7-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KA
	C) Inspect Ejector Hole for Chamfer		12/3/91	KA
	D) Oil Firing Pin Ass'y		12/3/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-4-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	6	12-4-91	SM
	G) Safety Off Force	4	4	4	4	4	12-4-91	SM
	H) Trigger Pull Test & Retainability						12-4-91	SM
	I) Firing Pin Indent	.020	.021	.021	.021	.021	12-4-91	SM
	J) Assemble Stock						12/4/91	SM
	K) Assemble Swivel Studs						12-7-91	AC
	L) Attach Front and Rear Sight Assemblies						12/4/91	SM
	M) Iron Sight Alignment						12/4/91	SM
	N) Detach Front & Rear Sights & place in numbered container						12/4/91	SM
	O) Attach Scope to Rifle						12/4/91	SM
	P) Detach & Attach Scope 20 Times						12/4/91	SM
640	Gallery Target & Test						12/4/91	KT
	A) Time						12/4/91	KT
	B) Malfunctions						12/4/91	KT
	C) Pierced Primers						12/4/91	KT
	D) Optical Clarity of Scope						12/4/91	KT
645	Inspect for Live Ammo						12/4/91	KT
655	Final Inspection						12-7-91	AC
	A) Headspace						12-7-91	AC
	B) Trigger Pull	249	250	252	252	252	12-5-91	DH
	C) Function						12-7-91	AC
660	Pack						12-11-91	V

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6665831DATE 12-4-91TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.36	2.45	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.35	2.49	2.50	
PULL #3	2.42	2.34	2.51	2.52	
PULL #4	2.27	2.34	2.38	2.52	
PULL #5	2.32	2.41	2.35	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.44		
PULL #2	3.28	3.57		
PULL #3	3.44	3.45		
PULL #4	3.33	3.37		
PULL #5	3.39	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.50		4.66
PULL #2	4.54	4.43		4.56
PULL #3	4.56	4.48		4.68
PULL #4	4.50	4.55		4.20
PULL #5	4.46	4.66		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665831
4 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.175204
1 TO 2	.0623699
1 TO 3	.203806
1 TO 4	.413948
1 TO 5	.324785

POA

19: -.0456

19: -.0256

RIFLE 19: .0561688

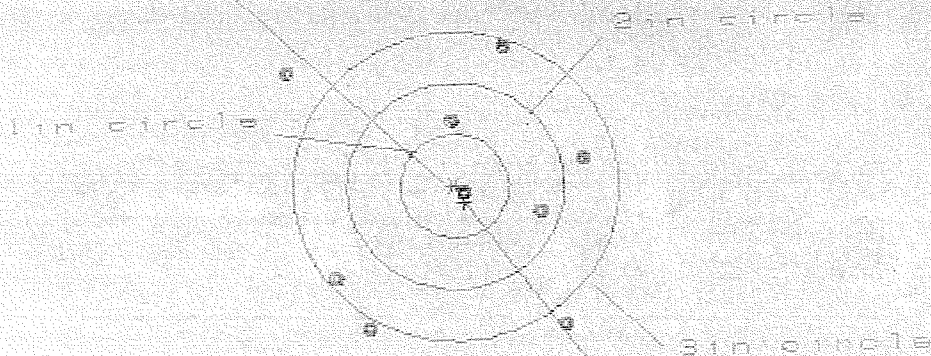
4 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8665831

CENTERFIRE PATTERNS

1

FOR



OF SHOTS = 10

IN CIR

1
4
7

CENTROID #

2.748
2.666
1.888

	10	9	8
1.248	1.049	1.154	
1.113	-1.291	-1.186	
1.084	1.446	1.294	
-1.314	-1.250	-1.403	
.092	.092	-.013	
.033	.033	.186	
.097	.097	.186	
.087	.087	.181	
1.035	1.035	.357	
1.599	1.599	1.662	
2.340	2.340	2.340	
2.696	2.696	2.696	
2.975	2.975	2.975	
7	7	7	
4	4	4	
7	7	7	

4 Oct 1991

FILE: PATTERNING/CENTERFIRE PAIT/C8565031

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIRCLE

1 in = 1

2 in = 5

3 in = 4

MEAN = 2.220

SE = 2.638

SE = 3.795

CENTROID *

PATTERN #

1.2

POINTS (BEST OF)

MAXIMUM

MINIMUM

MAXIMUM

MINIMUM

CENTROID X

CENTROID Y

AVG TO CENTROID

1 in RADIUS

2 in RADIUS

3 in RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

DIAGN. SPREAD

NUMBER IN ONE

NUMBER IN TWO

NUMBER IN THREE

10

1.469

-1.751

1.190

-1.440

-.091

.097

.134

.094

1.162

2.063

3.220

2.638

3.795

=

=

=

9

1.203

-1.587

1.029

-1.217

-.255

.258

.363

.323

1.058

1.711

2.790

2.246

3.225

1

5

7

8

1.004

-1.749

1.079

-1.167

-.056

.208

.216

.174

.953

1.758

2.753

2.246

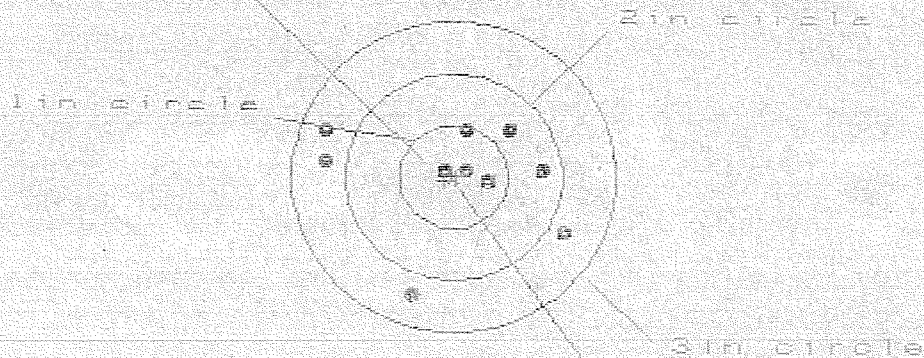
2.926

4 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06065081

CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 10

HS= 2.180

VS= 1.590

GE= 2.366

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.972	.840	.673
MINIMUM X	-1.288	-1.340	-1.644
MAXIMUM Y	.460	.508	.537
MINIMUM Y	-1.133	-1.090	-1.061
CENTROID X	.085	.218	.385
CENTROID Y	.037	-.011	-.040
POB TO CENTROID IN.	.094	.218	.387
MIN RADIUS	.085	.146	.053
MEAN RADIUS	.728	.652	.553
MAX RADIUS	1.264	1.360	1.242
HORIZONTAL SPREAD	2.180	2.180	1.317
VERTICAL SPREAD	1.590	1.590	1.598
EXTREME SPREAD	2.366	2.295	1.804
NUMBER IN ONE INCH CIRCLE =	4	4	4
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	10	10	10

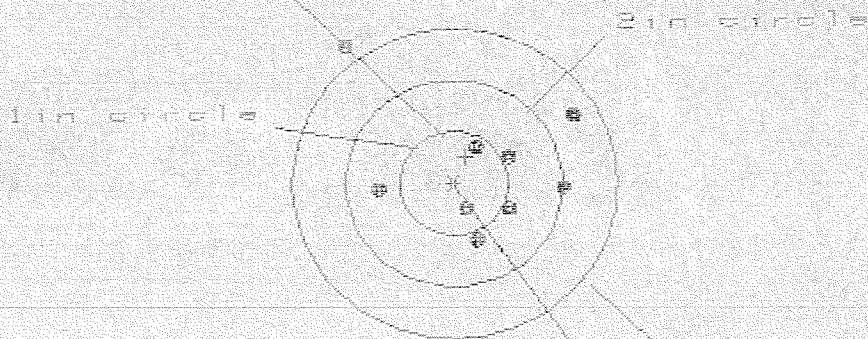
4 Dec 1991

FILE: PATTERNING/CENTERFIRE PATT/C6685031

CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.020

VS= 2.881

CS= 3.723

CENTROID

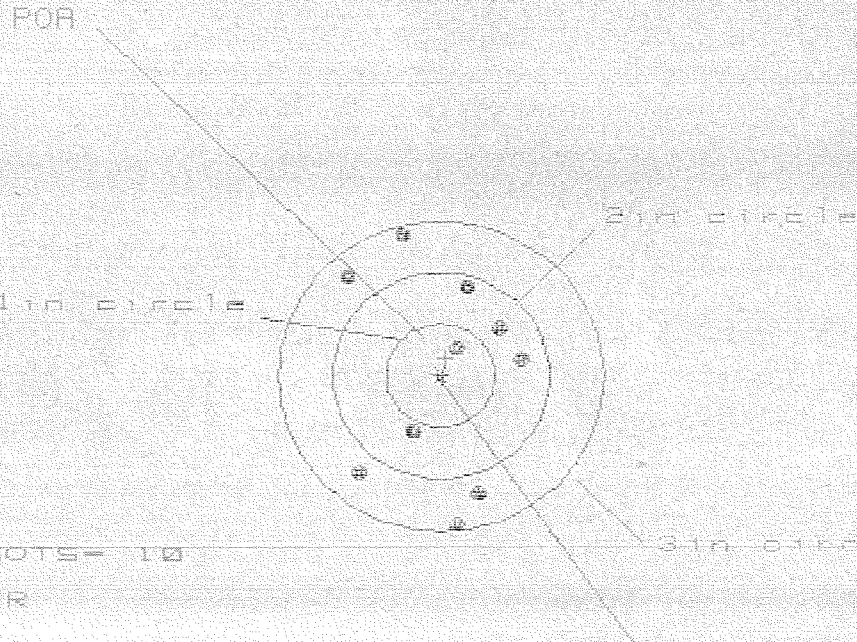
PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.085	.869	.715
MINIMUM X	-1.935	-1.235	-1.072
MAXIMUM Y	1.377	1.210	.666
MINIMUM Y	-1.584	-.679	-.528
CENTROID X	-.106	.109	.263
CENTROID Y	-.255	-.088	-.239
FOR TO CENTROID in.	.276	.140	.355
MIN RADIUS	.221	.170	.235
MEAN RADIUS	.952	.738	.576
AMP RADIUS	2.451	1.728	1.072
HORIZONTAL SPREAD	3.020	2.104	1.787
VERTICAL SPREAD	3.881	1.809	1.194
EXTREME SPREAD	3.720	2.542	1.918
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

4 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C86685831

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 1.557

VS= 2.835

CS= 2.888

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.734	.753	.714
MINIMUM X	-.833	-.814	-.853
MAXIMUM Y	1.656	1.192	.969
MINIMUM Y	-1.479	-1.286	-1.137
CENTROID X	-.044	-.063	-.024
CENTROID Y	-.165	-.001	-.158
POB TO CENTROID IN.	.171	.063	.152
MIN RADIUS	.338	.229	.314
MEAN RADIUS	.902	.903	.863
MAX RADIUS	1.489	1.358	1.291
HORIZONTAL SPREAD	1.567	1.567	1.567
VERTICAL SPREAD	2.835	2.478	2.106
EXTREME SPREAD	2.888	2.582	2.435
NUMBER IN ONE INCH CIRCLE =	1	5	10
NUMBER IN TWO INCH CIRCLE =	5	10	10
NUMBER IN THREE INCH CIRCLE =	10	10	10