

FROM

UPC



0 47700 25716 7

C6665993

*INCLUDES 1 INCHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665993

ORDER NO.
5716

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

20



5716 C6665993

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 #

C6665993

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	YK
600	Proof		9/30/91	YK
607	Check Headspace		9/30/91	YK
610	Dis-assemble Gun		9/30/91	YK
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	YK
617	Drill and Tap Sight Holes		OCT 8 1991	YK
618	Polish Barrel		10/14/91	YK
620	Apply Coatings (Barrel Action)		11-1-91	YK
	Apply Coating (Bolt)			YK
625	Final Assembly A) Clean inside of Bolt Assembly		11/14/91	YK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/91	YK
	C) Inspect Ejector Hole for Chamfer		11/14/91	YK
	D) Oil Firing Pin Ass'y		11/14/91	YK
	E) Adjust Trigger Pull to Min Setting and Stake		11-15-91	YK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/15/91	JK
	G) Safety Off Force	3	3	3			11/15/91	JK
	H) Trigger Pull Test & Retainability						11-15-91	JK
	I) Firing Pin Indent	.0205	.0205	.0205			11/15/91	JK
	J) Assemble Stock						11/22/91	JK
	K) Assemble Swivel Studs						11-22-91	AC
	L) Attach Front and Rear Sight Assemblies						11/22/91	JK
	M) Iron Sight Alignment						11/22/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/22/91	JK
	O) Attach Scope to Rifle						11/22/91	JK
	P) Detach & Attach Scope 20 Times						11/22/91	JK
640	Gallery Target & Test						11-25-91	DH
	A) Time						11-25-91	DH
	B) Malfunctions						11-25-91	DH
	C) Pierced Primers						11-25-91	DH
	D) Optical Clarity of Scope						11-25-91	DH
645	Inspect for Live Ammo						11-25-91	DH
655	Final Inspection							
	A) Headspace						11-27-91	K
	B) Trigger Pull	2.43	2.51	2.54	2.57	2.55	11-26-91	DH
	C) Function						11-27-91	K
660	Pack						12-15-91	V

SWS TRIGGER PULL TEST

STAG

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

SERIAL NO C-6665993

DATE 11-15-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.41	2.27	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.33	2.30	2.51	
PULL #3	2.27	2.33	2.35	2.54	
PULL #4	2.26	2.31	2.44	2.57	
PULL #5	2.42	2.29	2.28	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.48		
PULL #2	3.51	3.46		
PULL #3	3.55	3.48		
PULL #4	3.43	3.45		
PULL #5	3.44	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.48		4.25
PULL #2	4.31	4.57		4.28
PULL #3	4.36	4.60		4.22
PULL #4	4.45	4.26		4.32
PULL #5	4.46	4.25		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665993
25 Nov 1991

CENTROIDAL DISTANCES

Ø TO	1	.124579
1 TO	2	.101843
1 TO	3	.255877
1 TO	4	.286439
1 TO	5	.437413

9045

<----FOR

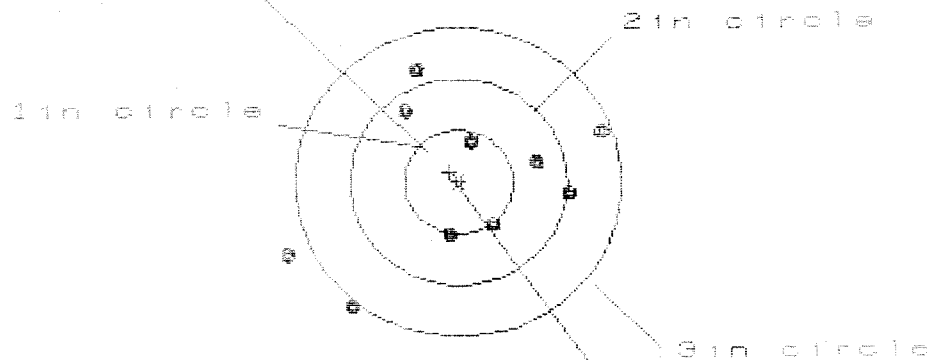
ATE FOR THIS RIFLE IS: -.0158
FOR THIS RIFLE IS: .0376
RADIUS FOR THIS RIFLE IS: .0407948
. . . .9768

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665993

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIRCLE

1in = 1

2in = 5

3in = 8

HE= 2.925

VE= 2.207

GS= 2.169

CENTROID #

PATTERN #				
SHOTS TEST OF	10	9	8	
VELOCITY	1.323	1.144	.995	
ANGLE	-1.512	-1.191	-.836	
SPREAD	1.046	.970	.816	
STRENGTH	-1.161	-1.237	-.750	
STRENGTH	.084	.263	.412	
STRENGTH	-.092	-.016	.138	
STRENGTH	.125	.264	.435	
STRENGTH	.453	.361	.284	
STRENGTH	1.001	.883	.736	
STRENGTH	1.751	1.717	1.086	
STRENGTH	2.935	2.335	1.831	
STRENGTH	2.207	2.207	1.566	
STRENGTH	3.169	2.872	1.872	
STRENGTH		1		
STRENGTH		5		
STRENGTH		8		

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685993

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 8

HS= 2.379

VS= 2.906

GS= 3.064

PATTERN #

2

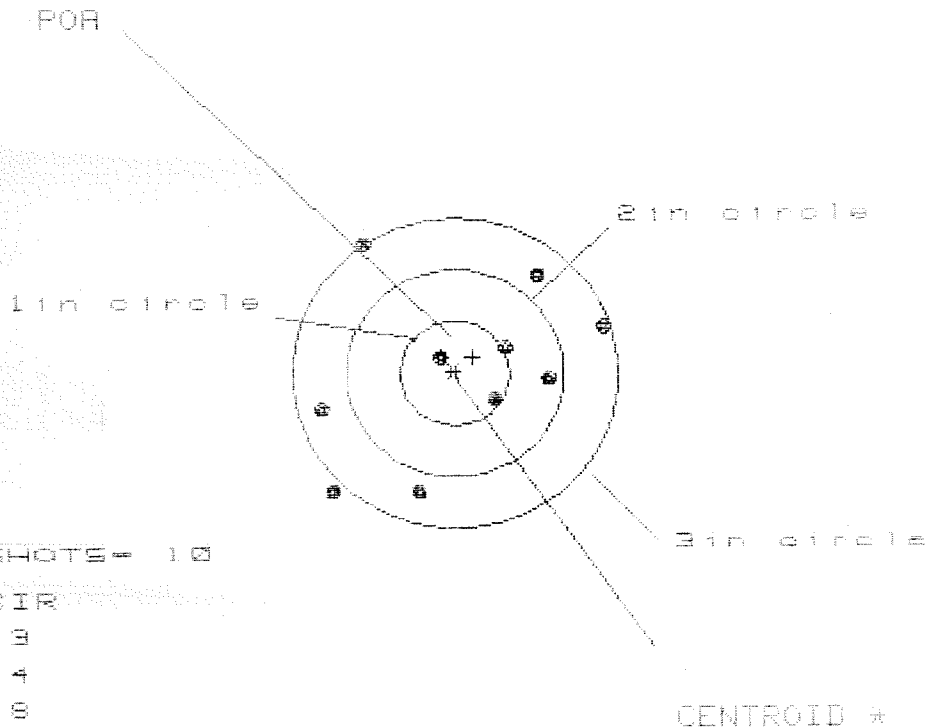
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.873	.824	.630
MINIMUM X	-1.506	-1.555	-.969
MAXIMUM Y	1.400	1.232	1.158
MINIMUM Y	-1.506	-1.033	-1.107
CENTROID X	-.012	.037	.231
CENTROID Y	-.058	.110	.184
POA TO CENTROID in.	.059	.116	.295
MIN RADIUS	.670	.528	.477
MEAN RADIUS	1.030	.939	.825
MAX RADIUS	1.569	1.665	1.194
HORIZONTAL SPREAD	2.379	2.379	1.599
VERTICAL SPREAD	2.906	2.265	2.265
EXTREME SPREAD	3.064	2.738	2.271
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06565993

CENTERFIRE PATTERNS

3



* OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 3

HS= 2.570

VS= 2.453

GS= 3.020

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.369

1.238

1.117

MINIMUM X

-1.202

-1.332

-1.453

MAXIMUM Y

1.272

1.140

.939

MINIMUM Y

-1.181

-1.312

-1.169

CENTROID X

-.164

-.033

.088

CENTROID Y

-.155

-.024

-.167

FOR TO CENTROID in.

.226

.041

.186

MIN RADIUS

.185

.239

.273

MEAN RADIUS

1.025

.927

.833

MAX RADIUS

1.669

1.493

1.488

HORIZONTAL SPREAD

2.570

2.570

2.570

VERTICAL SPREAD

2.453

2.452

2.108

EXTREME SPREAD

3.020

2.683

2.683

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

8

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685993

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.025

VS= 2.181

GS= 2.182

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.295

.980

.876

MINIMUM X

-.731

-.587

-.611

MAXIMUM Y

1.098

1.136

.631

MINIMUM Y

-1.093

-1.045

-.903

CENTROID X

-.090

-.234

-.210

CENTROID Y

.148

.110

-.032

POA TO CENTROID in.

.174

.259

.212

MIN RADIUS

.244

.097

.133

MEAN RADIUS

.715

.606

.532

MAX RADIUS

1.341

1.153

1.080

HORIZONTAL SPREAD

2.026

1.487

1.487

VERTICAL SPREAD

2.181

2.181

1.534

EXTREME SPREAD

2.182

2.182

1.052

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665993

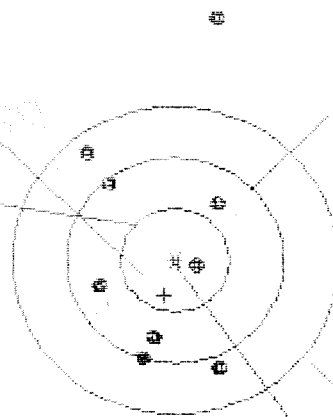
CENTERFIRE PATTERNS # 5

FOR

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.853

VS= 3.996

GS= 4.059

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.097	1.140	.606
MINIMUM X	:	-.766	-.723	-.580
MAXIMUM Y	:	2.375	1.345	1.175
MINIMUM Y	:	-1.621	-1.357	-.981
CENTROID X	:	.103	.060	-.083
CENTROID Y	:	.345	.081	.251
FOR TO CENTROID IN.	:	.360	.101	.264
MIN RADIUS	:	.175	.304	.358
MEAN RADIUS	:	1.113	.940	.831
MAX RADIUS	:	2.406	1.773	1.311
HORIZONTAL SPREAD	:	1.863	1.863	1.186
VERTICAL SPREAD	:	3.996	2.702	2.156
EXTREME SPREAD	:	4.059	3.282	2.461
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	