

UPC

UPC



6665956

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TH M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665956

ORDER NO.

5716

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



5716 C6665956

ORDER 5716

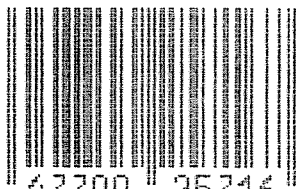
MODEL 700 TM M24

UPC

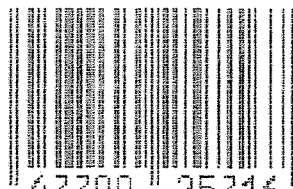
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665956

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KL
600	Proof		9/25/91	KL
607	Check Headspace		9/25/91	KL
610	Dis-assemble Gun		9/25/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KL
	C) Inspect Ejector Hole for Chamfer		10/18/91	KL
	D) Oil Firing Pin Ass'y		10/18/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/21/91	KL

op. #	BARBER - M24 0104460	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/4	6	6 1/2			10-22-91	DH
	G) Safety Off Force	2 1/4	2 1/2	2 3/4			10-22-91	DH
	H) Trigger Pull Test & Retainability						10/21/91	JL
	I) Firing Pin Indent	1.020	1.020	1.020			10-22-91	DH
	J) Assemble Stock						11/22/91	KE
	K) Assemble Swivel Studs						10-30-91	K
	L) Attach Front and Rear Sight Assemblies						10/22/91	KE
	M) Iron Sight Alignment						10/22/91	KE
	N) Detach Front & Rear Sights & place in numbered container						10/22/91	KE
	O) Attach Scope to Rifle						10/22/91	KE
	P) Detach & Attach Scope 20 Times						10/22/91	KE
640	Gallery Target & Test						10-23-91	AC
	A) Time						10-23-91	AC
	B) Malfunctions						10-23-91	AC
	C) Pierced Primers						10-23-91	AC
	D) Optical Clarity of Scope						10-23-91	AC
645	Inspect for Live Ammo						10-23-91	AC
655	Final Inspection							
	A) Headspace						10-30-91	K
	B) Trigger Pull	262	252	268	268	262	10-24-91	DH
	C) Function						10-30-91	AC
660	Pack						12-17-91	VF

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

SERIAL NO C-6665956
DATE 10/21/91
TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.32	2.39	262	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.20	2.44	252	
PULL #3	2.63	2.38	2.46	268	
PULL #4	2.52	2.41	2.48	268	
PULL #5	2.35	2.41	2.48	262	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.53		
PULL #2	3.60	3.23		
PULL #3	3.65	3.54		
PULL #4	3.64	3.23		
PULL #5	3.41	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.67	4.30		4.44
PULL #2	4.42	4.33		4.26
PULL #3	4.54	4.44		4.33
PULL #4	4.64	4.33		4.26
PULL #5	4.42	4.26		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # D6663956
24 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.154829
1 TO	2	.306646
1 TO	3	.0425441
1 TO	4	.0240832
1 TO	5	.268794

#5 x ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1512
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152083
THE RMR FOR THIS RIFLE IS: .859

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665956

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.157

VS= 3.129

GS= 3.238

CENTROID #

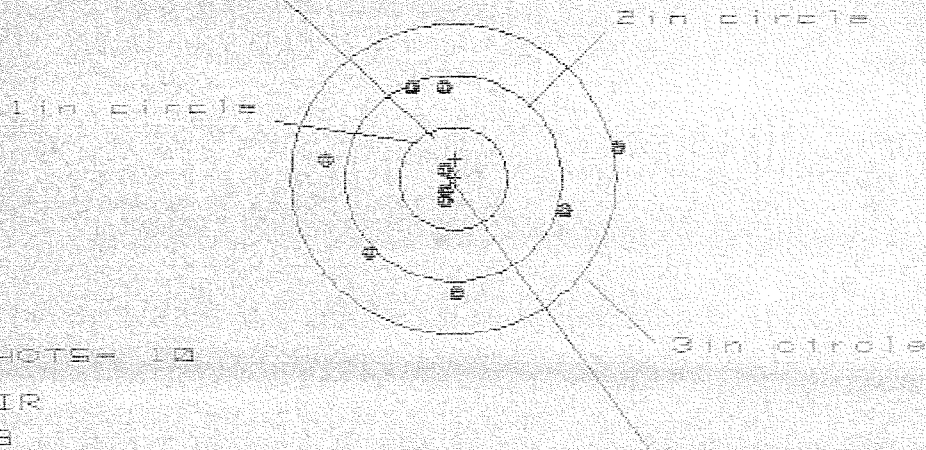
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.780	.701	.540
MINIMUM X	-1.377	-1.290	-.516
MAXIMUM Y	2.008	.857	.914
MINIMUM Y	-1.121	-.897	-.840
CENTROID X	.136	.049	.210
CENTROID Y	.074	-.150	-.207
POA TO CENTROID in.	.154	.157	.295
MIN RADIUS	.271	.285	.154
MEAN RADIUS	.885	.709	.612
MAX RADIUS	2.155	1.370	1.053
HORIZONTAL SPREAD	2.157	1.991	1.056
VERTICAL SPREAD	3.129	1.754	1.754
EXTREME SPREAD	3.238	2.411	1.905
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665956

CENTERFIRE PATTERNS # 2

POH



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.723

VS= 2.012

GS= 2.723

CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.511	1.208	1.078
MINIMUM X	-1.212	-1.044	-1.744
MAXIMUM Y	.919	.948	.977
MINIMUM Y	-1.093	-1.064	-1.035
CENTROID X	-.020	-.188	-.058
CENTROID Y	-.190	-.219	-.248
POH TO CENTROID in.	.191	.289	.255
MIN RADIUS	.113	.108	.046
MEAN RADIUS	.830	.736	.679
MAX RADIUS	1.533	1.237	1.103
HORIZONTAL SPREAD	2.723	2.252	1.822
VERTICAL SPREAD	2.012	2.012	2.012
EXTREME SPREAD	2.723	2.307	2.017
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5665956

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.721

VS= 1.605

GS= 2.722

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.175	1.003	.730
MINIMUM X	-1.546	-1.011	-.886
MAXIMUM Y	.829	.807	.788
MINIMUM Y	-.776	-.798	-.817
CENTROID X	.099	.271	.146
CENTROID Y	.053	.075	.094
POA TO CENTROID in.	.112	.281	.173
MIN RADIUS	.379	.219	.344
MEAN RADIUS	.865	.766	.735
MAX RADIUS	1.559	1.020	.992
HORIZONTAL SPREAD	2.721	2.014	1.616
VERTICAL SPREAD	1.605	1.605	1.605
EXTREME SPREAD	2.722	2.014	1.722
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

24 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6665956

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HS= 1.646

VS= 2.901

GS= 3.088

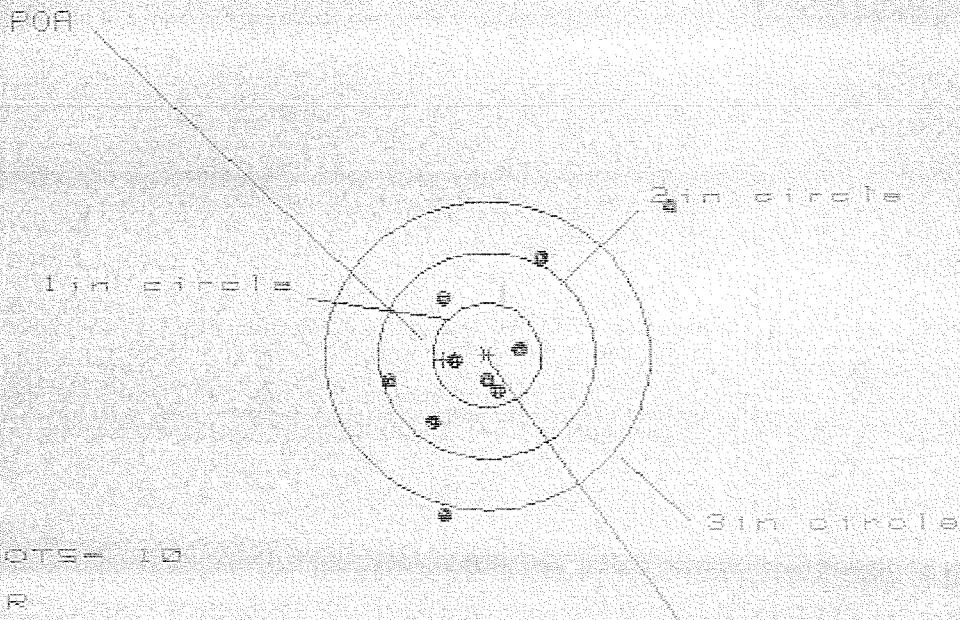
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.698	.708	.590
MINIMUM X	:	-.948	-.938	-.563
MAXIMUM Y	:	1.648	1.371	1.238
MINIMUM Y	:	-1.253	-1.070	-.884
CENTROID X	:	.138	.128	.246
CENTROID Y	:	.098	-.085	.048
POA TO CENTROID in	:	.169	.154	.250
MIN RADIUS	:	.227	.061	.209
MEAN RADIUS	:	.887	.755	.694
MAX RADIUS	:	1.651	1.423	1.245
HORIZONTAL SPREAD	:	1.646	1.646	1.153
VERTICAL SPREAD	:	2.901	2.441	2.122
EXTREME SPREAD	:	3.088	2.728	2.123
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

24 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\C8665956

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.554

VS= 2.983

GS= 3.665

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.679	.651	.618
MINIMUM X	-1.875	-.688	-.721
MAXIMUM Y	1.484	1.078	.911
MINIMUM Y	-1.499	-1.334	-.648
CENTROID X	.483	.216	.249
CENTROID Y	.043	-.122	.045
POA TO CENTROID in.	.405	.248	.253
MIN RADIUS	.223	.110	.138
MEAN RADIUS	.828	.632	.546
MAX RADIUS	2.241	1.360	1.101
HORIZONTAL SPREAD	2.554	1.339	1.339
VERTICAL SPREAD	2.983	2.412	1.559
EXTREME SPREAD	3.665	2.580	1.824
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		