

FORM

UPC



C6665971

*INCLUDES 1 IN CHAMBER

CAPACITY*

5716

ORDER NO.

RAPID LENGTH

MODEL 700 TM M24

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24****SERIAL NO.****C6665971****ORDER NO.****5716**

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

20



5716 C6665971

ORDER 5716
MODEL 700™ M24
UPC

0 47700 25716 7

ORDER 5716
MODEL 700™ M24
UPC

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665971

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GB
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-91	KA
	Apply Coating (Bolt)		11-91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/5/91	KA
	C) Inspect Ejector Hole for Chamfer		11/5/91	KA
	D) Oil Firing Pin Ass'y		11/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-91	KA

op. #	NAME BARBER - M24 0104615	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-6-91	SW
	G) Safety Off Force	3	3	3			11-6-91	SW
	H) Trigger Pull Test & Retainability						11-6-91	SW
	I) Firing Pin Indent	.020	.020	.0205			11-6-91	SW
	J) Assemble Stock						11/6/91	SW
	K) Assemble Swivel Studs						11-20-91	K
	L) Attach Front and Rear Sight Assemblies						11/6/91	SW
	M) Iron Sight Alignment						11/6/91	SW
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	SW
	O) Attach Scope to Rifle						11/6/91	SW
	P) Detach & Attach Scope 20 Times						11/6/91	SW
640	Gallery Target & Test						11-11-91	VF
	A) Time						"	VF
	B) Malfunctions						"	VF
	C) Pierced Primers						"	VF
	D) Optical Clarity of Scope						"	VF
645	Inspect for Live Ammo						11-11-91	VF
655	Final Inspection							
	A) Headspace						11-20-91	AC
	B) Trigger Pull	2.63	2.67	2.70	2.66	2.68	11-13-91	AC
	C) Function						11-20-91	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-6665971DATE 11-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.58	2.55	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.58	2.44	2.67	
PULL #3	2.54	2.59	2.58	2.70	
PULL #4	2.40	2.59	2.58	2.66	
PULL #5	2.57	2.60	2.60	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.33		
PULL #2	3.62	3.56		
PULL #3	3.59	3.58		
PULL #4	3.62	3.61		
PULL #5	3.45	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	4.42	4.20		4.58
PULL #2	4.42	4.30		4.54
PULL #3	4.42	4.68		4.65
PULL #4	4.38	4.45		4.65
PULL #5	4.33	4.35		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665971
11 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.158534
1 TO	2	.118596
1 TO	3	.135163
1 TO	4	.423803
1 TO	5	.100896

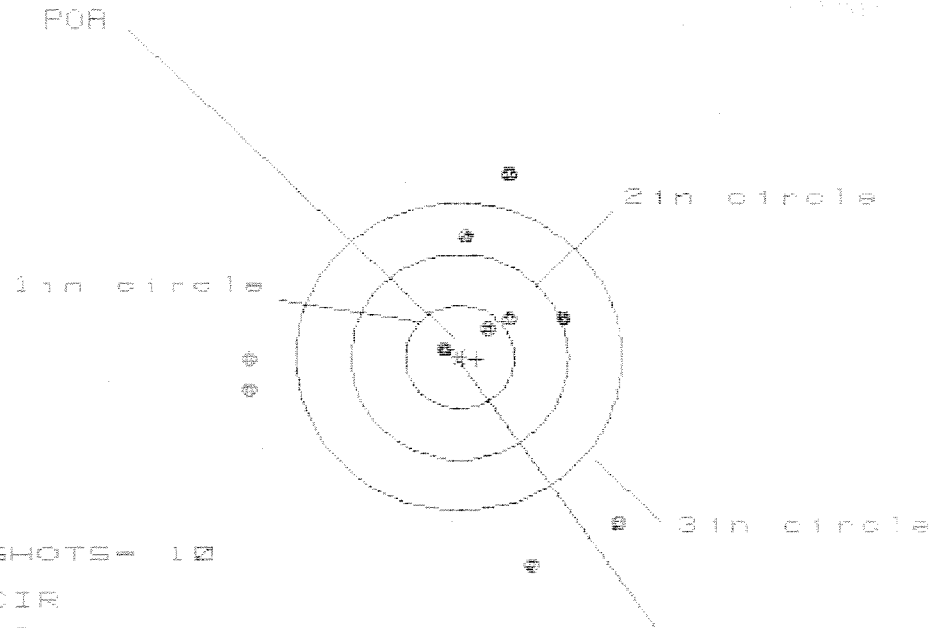
0.1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0724
THE RESULTING AVERAGE FOR RADIUS FOR THIS RIFLE IS: .0821413
THE MAX FOR THIS RIFLE IS: 1.003

11 Nov 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06653971

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 2.423

VS= 3.853

GS= 3.859

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.431	1.077	1.180
MINIMUM X	-1.992	-1.833	-1.730
MAXIMUM Y	1.815	1.631	1.353
MINIMUM Y	-2.038	-2.222	-1.803
CENTROID X	-1.157	-1.316	-1.419
CENTROID Y	.022	.206	.484
FOR TO CENTROID in.	.159	.377	.640
MIN RADIUS	.196	.094	.381
MEAN RADIUS	1.346	1.228	1.097
MAX RADIUS	2.186	2.368	1.892
HORIZONTAL SPREAD	3.423	2.910	2.910
VERTICAL SPREAD	3.853	3.853	2.156
EXTREME SPREAD	3.859	3.853	3.241
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685971

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.991

VS= 3.291

GS= 3.302

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.988	1.027	1.053
MINIMUM X	-1.011	-.964	-.938
MAXIMUM Y	1.815	1.098	.939
MINIMUM Y	-1.476	-1.274	-1.033
CENTROID X	-.100	-.147	-.173
CENTROID Y	-.082	-.284	-.125
POA TO CENTROID in.	.129	.320	.213
MIN RADIUS	.317	.391	.401
MEAN RADIUS	1.014	.913	.852
MAX RADIUS	1.864	1.291	1.159
HORIZONTAL SPREAD	1.991	1.991	1.991
VERTICAL SPREAD	3.291	2.372	1.972
EXTREME SPREAD	3.302	2.399	2.202
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6885971

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.073

VS= 2.566

GS= 2.611

CENTROID #.

PATTERN #

3

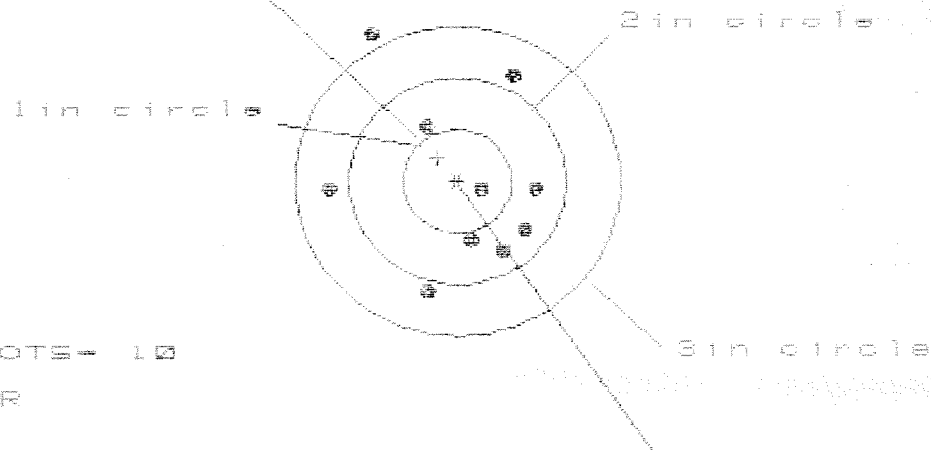
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.832	.906	.961
MINIMUM X	-1.241	-1.148	-1.093
MAXIMUM Y	1.373	1.241	.741
MINIMUM Y	-1.193	-.817	-.662
CENTROID X	-.027	-.120	-.175
CENTROID Y	-.015	.118	-.037
POA TO CENTROID in.	.031	.168	.179
MIN RADIUS	.153	.285	.166
MEAN RADIUS	.883	.826	.733
MAX RADIUS	1.454	1.317	1.172
HORIZONTAL SPREAD	2.073	2.054	2.054
VERTICAL SPREAD	2.566	2.058	1.403
EXTREME SPREAD	2.611	2.413	2.294
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685371

CENTERFIRE PATTERNS # 4

POR



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.862

VS= 2.466

GS= 2.513

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.673	.585	.426
MINIMUM X	-1.189	-1.277	-.566
MAXIMUM Y	1.400	1.232	1.241
MINIMUM Y	-1.066	-.910	-.901
CENTROID X	.183	.271	.430
CENTROID Y	-.231	-.387	-.396
POR TO CENTROID IN.	.295	.472	.585
MIN RADIUS	.232	.161	.101
MEAN RADIUS	.888	.754	.650
MAX RADIUS	1.607	1.297	1.265
HORIZONTAL SPREAD	1.862	1.862	.992
VERTICAL SPREAD	2.466	2.142	2.142
EXTREME SPREAD	2.513	2.285	2.285
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08605971

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.982

VS= 1.925

GS= 2.982

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.618	.895	.747
MINIMUM X	-1.364	-1.185	-.796
MAXIMUM Y	.891	.886	.876
MINIMUM Y	-1.034	-1.039	-1.049
CENTROID X	-.093	-.272	-.124
CENTROID Y	-.056	-.051	-.041
POR TO CENTROID in.	.108	.277	.131
MIN RADIUS	.358	.339	.393
MEAN RADIUS	.890	.800	.739
MAX RADIUS	1.616	1.372	1.288
HORIZONTAL SPREAD	2.982	2.080	1.533
VERTICAL SPREAD	1.925	1.925	1.925
EXTREME SPREAD	2.982	2.290	2.258
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	