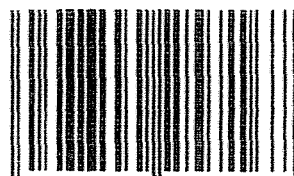


FORM

UPC



0 47700 25716 2

6665972

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665972

20

ORDER NO.
5716

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



5716 C6665972

ORDER 5716
MODEL 700 TM M24
UPC

ORDER 5716
MODEL 700 TM M24
UPC



GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665972

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KE
600	Proof		10/1/91	KE
607	Check Headspace		10/1/91	KE
610	Dis-assemble Gun		10/1/91	KE
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	GL
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	KE
	Apply Coating (Bolt)			KE
625	Final Assembly A) Clean inside of Bolt Assembly		11/13/91	KE
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/13/91	KE
	C) Inspect Ejector Hole for Chamfer		11/13/91	KE
	D) Oil Firing Pin Ass'y		11/13/91	KE
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-91	KE

op. #	BARBER, M24 0104627 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/14/91	SH
	G) Safety Off Force	4	4	4			11/14/91	SH
	H) Trigger Pull Test & Retainability						11/14/91	SH
	I) Firing Pin Indent	1.020	0.020	.020			11/14/91	SH
	J) Assemble Stock						11/14/91	SH
	K) Assemble Swivel Studs						11/26/91	SH
	L) Attach Front and Rear Sight Assemblies						11/14/91	SH
	M) Iron Sight Alignment						11/14/91	SH
	N) Detach Front & Rear Sights & place in numbered container						11/14/91	SH
	O) Attach Scope to Rifle						11/14/91	SH
	P) Detach & Attach Scope 20 Times						11/14/91	SH
640	Gallery Target & Test						11/20/91	KT
	A) Time						11/20/91	KT
	B) Malfunctions						11/20/91	KT
	C) Pierced Primers						11/20/91	KT
	D) Optical Clarity of Scope						11/20/91	KT
645	Inspect for Live Ammo						11/20/91	KT
655	Final Inspection						11-26-91	SH
	A) Headspace						11-26-91	SH
	B) Trigger Pull	2.62	2.57	2.65	2.67	2.62	11/21/91	SH
	C) Function						11-26-91	SH
660	Pack						12-19-91	N

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

SERIAL NO C-6665972

DATE 11-14-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.44	2.50	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.19	2.55	2.57	
PULL #3	2.48	2.39	2.48	2.65	
PULL #4	2.23	2.44	2.39	2.67	
PULL #5	2.36	2.48	2.39	2.62	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.60		
PULL #2	3.32	3.60		
PULL #3	3.21	3.53		
PULL #4	3.29	3.57		
PULL #5	3.49	3.65		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.30		4.21
PULL #2	4.29	4.23		4.18
PULL #3	4.32	4.32		4.42
PULL #4	4.35	4.33		4.51
PULL #5	4.31	4.26		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665972
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.292857
1 TO	2	.343286
1 TO	3	.377934
1 TO	4	.08956
1 TO	5	.498302

50 ←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0242
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0406
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0472652
THE AMR FOR THIS RIFLE IS: .9602

12-03-1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665972

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

* OF SHOTS = 10

IN CIR

1 - 4

2 - 8

3 - 10

X = 1.562

Y = 1.500

EXT = 2.034

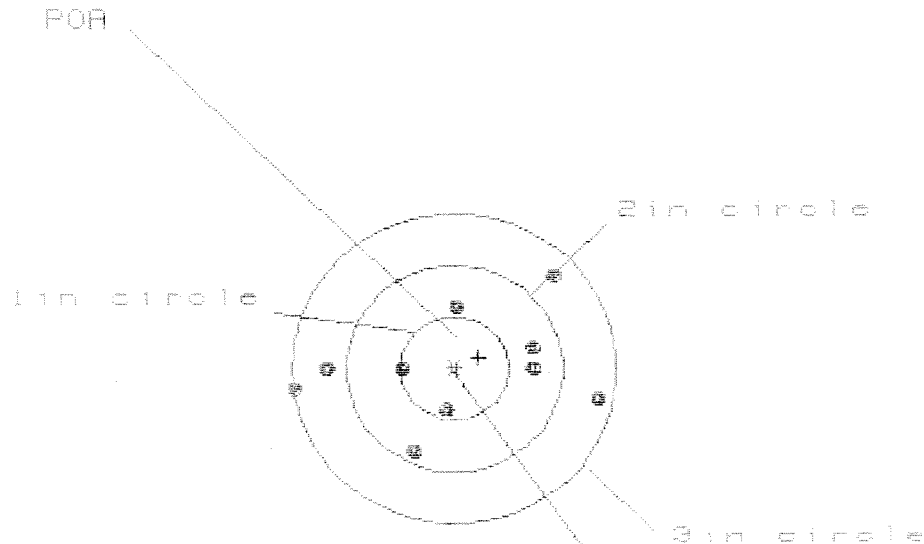
CENTROID *

FILE #	10	9	8
SHOTS (BEST OF)	10	9	8
MINIMUM X	.844	.743	.603
MINIMUM Y	-1.018	-1.119	-1.761
MAXIMUM X	.892	.646	.583
MAXIMUM Y	-.608	-.589	-.561
CENTROID X	-.013	.088	.228
CENTROID Y	-.049	-.148	-.085
POA TO CENTROID in.	.051	.172	.243
MIN RADIUS	.058	.124	.094
MEAN RADIUS	.634	.545	.442
MAX RADIUS	1.274	1.229	.946
HORIZONTAL SPREAD	1.862	1.862	1.364
VERTICAL SPREAD	1.500	1.155	1.144
EXTREME SPREAD	2.034	2.034	1.585
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665372

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

ME = 2.786

VE = 1.697

GE = 2.786

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.340	1.180	.874
MINIMUM X	-1.445	-1.349	-1.202
MAXIMUM Y	.889	.867	.832
MINIMUM Y	-.808	-.830	-.855
CENTROID X	-.221	-.061	-.208
CENTROID Y	-.103	-.081	-.046
POA TO CENTROID IN.	.244	.102	.213
MIN RADIUS	.461	.542	.512
MEAN RADIUS	.916	.846	.792
MAX RADIUS	1.458	1.350	1.207
HORIZONTAL SPREAD	2.785	2.529	2.076
VERTICAL SPREAD	1.697	1.697	1.697
EXTREME SPREAD	2.786	2.549	2.238
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	10	10	10

28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685972

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

MEAN = 0.000

VST = 0.227

GST = 0.371

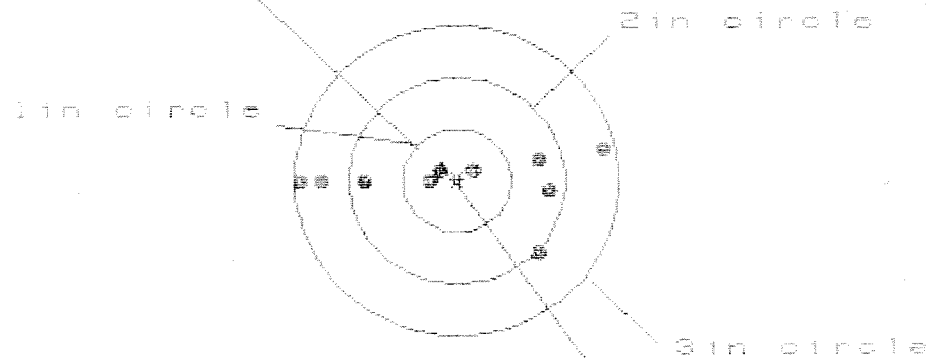
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.084	1.162	.495
MINIMUM Y	-.971	-.893	-.747
MAXIMUM Y	1.051	.921	.935
MINIMUM X	-1.176	-1.231	-1.217
CENTROID X	.096	.018	-.128
CENTROID Y	.184	.314	.300
POA TO CENTROID in.	.207	.315	.326
MIN RADIUS	.138	.276	.331
MEAN RADIUS	.818	.749	.684
MAX RADIUS	1.371	1.232	1.232
HORIZONTAL SPREAD	2.055	2.055	1.242
VERTICAL SPREAD	2.227	2.152	2.152
EXTREME SPREAD	2.371	2.152	2.152
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665972

CENTERFIRE PATTERNS # 3

POR



* OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

MEAN = 2.794

MS = 1.070

SS = 2.816

CENTROID *

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.350	1.190	.860
MINIMUM X	-1.444	-1.389	-1.241
MAXIMUM Y	.338	.337	.218
MINIMUM Y	-.732	-.733	-.691
CENTROID X	.153	.313	.165
CENTROID Y	-.102	-.101	-.143
POR TO CENTROID IN.	.164	.329	.218
MIN RADIOS	.124	.146	.157
MEAN RADIOS	.815	.745	.670
MAX RADIOS	1.444	1.390	1.243
HORIZONTAL SPREAD	2.794	2.579	2.101
VERTICAL SPREAD	1.070	1.070	.909
EXTREME SPREAD	2.816	2.596	2.111
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685972

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

1in CIR

1in = 5

2in = 5

3in = 5

1in = 5.000

2in = 7.624

3in = 7.637

CENTROID *

No. 1 in 5

2.7

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.606	1.545	1.413
MINIMUM X	-1.996	-1.057	-1.731
MAXIMUM Y	3.616	3.170	1.961
MINIMUM Y	-4.008	-1.380	-1.983
CENTROID X	.106	.167	.299
CENTROID Y	.273	.719	.322
POR TO CENTROID	.293	.738	.440
1in RADIUS	.344	.570	.491
2in RADIUS	1.618	1.400	1.051
3in RADIUS	4.246	3.342	2.036
EXTREME X	1.501	2.502	2.144
EXTREME Y	7.624	4.550	2.884
EXTREME X	7.637	4.878	3.253
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	6	