

FORM

UPC



0 47700 25716 7

C6666008

*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™ M24**SERIAL NO.**

C6666308

ORDER NO.**5716**

20

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



5716 C6666008

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 #

C 6666008

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KL
600	Proof		9/30/91	KL
607	Check Headspace		9/30/91	KL
610	Dis-assemble Gun		9/30/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	LS
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	KL
	Apply Coating (Bolt)		11/1/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	KL
	C) Inspect Ejector Hole for Chamfer		11/12/91	KL
	D) Oil Firing Pin Ass'y		11/12/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	KL

op. #	BARBER M24 0104973	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-13-91	9/1
	G) Safety Off Force	3	3	3			11-13-91	9/1
	H) Trigger Pull Test & Retainability						11-13-91	9/1
	I) Firing Pin Indent	.021	.021	.021			11-13-91	9/1
	J) Assemble Stock						11-13-91	9/1
	K) Assemble Swivel Studs						11-21-91	9/1
	L) Attach Front and Rear Sight Assemblies						11-13-91	9/1
	M) Iron Sight Alignment						11-13-91	9/1
	N) Detach Front & Rear Sights & place in numbered container						11-13-91	9/1
	O) Attach Scope to Rifle						11-13-91	9/1
	P) Detach & Attach Scope 20 Times						11-13-91	9/1
640	Gallery Target & Test						11-19-91	9/1
	A) Time						"	9/1
	B) Malfunctions						"	9/1
	C) Pierced Primers						"	9/1
	D) Optical Clarity of Scope						"	9/1
645	Inspect for Live Ammo						11-19-91	9/1
655	Final Inspection						11-21-91	9/1
	A) Headspace						11-20-91	9/1
	B) Trigger Pull	2.79	2.72	2.84	2.58	2.82	11-21-91	9/1
	C) Function						11-21-91	9/1
660	Pack						11-21-91	9/1

TIME 1:00

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6666008

DATE 11-13-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.40	2.48	279	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.35	2.51	272	
PULL #3	2.32	2.45	2.56	284	
PULL #4	2.30	2.45	2.41	258	
PULL #5	2.50	2.46	2.44	282	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.48		
PULL #2	3.47	3.44		
PULL #3	3.47	3.40		
PULL #4	3.40	3.39		
PULL #5	3.43	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	4.42	4.28		4.47
PULL #2	4.38	4.33		4.46
PULL #3	4.46	4.44		4.44
PULL #4	4.41	4.45		4.32
PULL #5	4.45	4.36		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666008
29 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0797057
1 TO	2	.0996393
1 TO	3	.296665
1 TO	4	.10017
1 TO	5	.204071

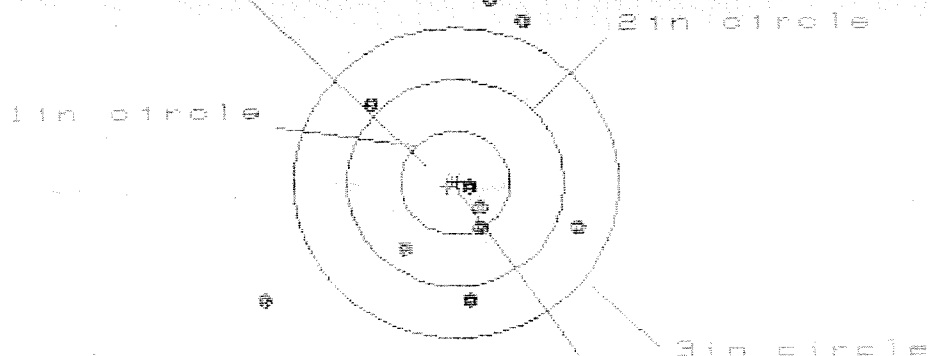
845 <----POA

COORDINATE FOR THIS RIFLE IS: .0464
COORDINATE FOR THIS RIFLE IS: -.0604
AVERAGE POI RADIUS FOR THIS RIFLE IS: .0464017
RIFLE IS: 1.021

FILE:/PATTERNING/CENTERFIRE_PATT/ CB866008

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.928

VS= 2.953

GS= 3.573

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MINIMUM X	1.165	.969	.984
MINIMUM Y	-1.763	-.932	-.917
MAXIMUM X	1.790	1.667	1.620
MAXIMUM Y	-1.163	-1.286	-1.078
CENTROID X	.073	.269	.254
CENTROID Y	.032	.155	-.053
SPREAD TO CENTROID in.	.080	.311	.260
SPREAD TO CENTROID	.177	.193	.025
SPREAD TO CENTROID	1.082	.975	.803
SPREAD TO CENTROID	2.085	1.671	1.683
SPREAD TO CENTROID	2.928	1.901	1.901
SPREAD TO CENTROID	2.953	2.953	2.698
SPREAD TO CENTROID	3.573	2.959	2.745
SPREAD TO ONE INCH CIRCLE	=	2	
SPREAD TO TWO INCH CIRCLE	=	4	
SPREAD TO THREE INCH CIRCLE	=	7	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/ C6886003

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.972

VS= 2.578

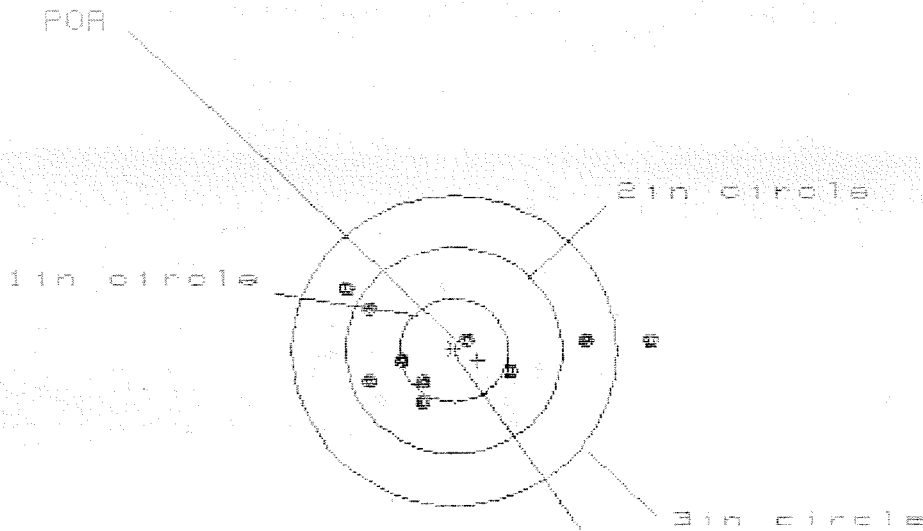
GS= 3.246

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.669	.524	.556
MINIMUM X	-1.303	-.701	-.635
MAXIMUM Y	1.387	.951	.822
MINIMUM Y	-1.191	-1.037	-1.044
CENTROID X	.135	.280	.214
CENTROID Y	-.046	-.200	-.071
POA TO CENTROID (in.)	.143	.344	.226
MIN RADIUS	.123	.195	.074
MEAN RADIUS	.891	.757	.684
MAX RADIUS	1.903	1.162	1.177
HORIZONTAL SPREAD	1.972	1.225	1.192
VERTICAL SPREAD	2.578	1.988	1.866
EXTREME SPREAD	3.246	2.253	1.911
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

(S No- 1991)

FILE:/PATTERNING/CENTERFIRE_PATT/ CB666000

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.780

VS= 1.074

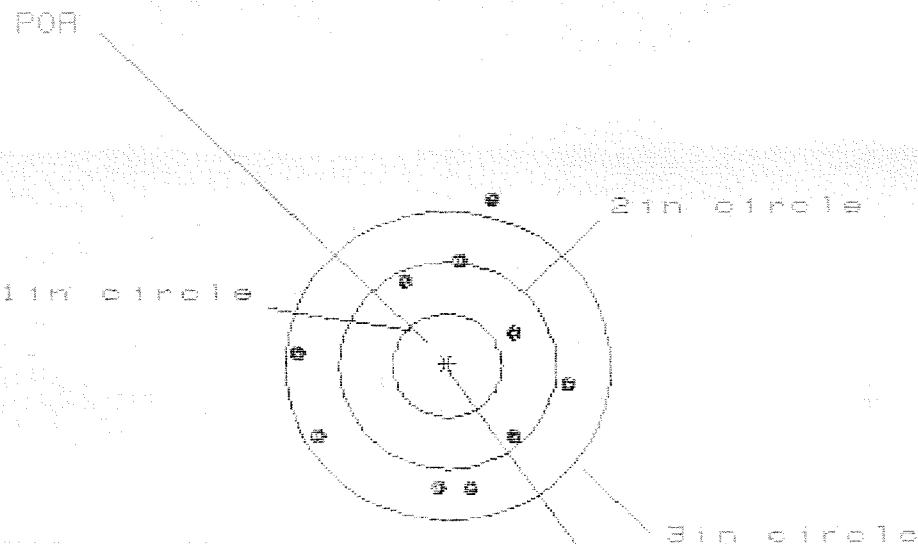
GS= 2.818

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.791	1.451	.897
MINIMUM X	-.989	-.790	-.609
MAXIMUM Y	.587	.601	.611
MINIMUM Y	-.487	-.473	-.463
CENTROID X	-.216	-.415	-.596
CENTROID Y	.099	.085	.075
POA TO CENTROID in.	.238	.424	.601
MIN RADIUS	.200	.270	.154
MEAN RADIUS	.822	.675	.543
MAX RADIUS	1.796	1.453	.911
HORIZONTAL SPREAD	2.780	2.241	1.506
VERTICAL SPREAD	1.074	1.074	1.074
EXTREME SPREAD	2.818	2.301	1.690
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

19 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6866008

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 9

HS= 2.530

VS= 2.844

GS= 2.854

CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	1.172	1.003
MINIMUM X	-1.404	-1.358	-1.355
MAXIMUM Y	1.621	1.205	1.240
MINIMUM Y	-1.223	-1.043	-1.008
CENTROID X	-.012	-.058	.111
CENTROID Y	-.021	-.201	-.236
POA TO CENTROID in.	.024	.209	.261
MIN RADIUS	.702	.839	.687
MEAN RADIUS	1.159	1.094	1.028
MAX RADIUS	1.673	1.386	1.420
HORIZONTAL SPREAD	2.530	2.530	2.357
VERTICAL SPREAD	2.844	2.248	2.248
EXTREME SPREAD	2.854	2.549	2.395
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

15 FEB 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08866000

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 7

HS = 2.644

VS = 2.466

GS = 3.162

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.095	.923	.770
MINIMUM X	-1.549	-1.357	-1.510
MAXIMUM Y	1.137	1.227	.830
MINIMUM Y	-1.329	-1.239	-1.086
CENTROID X	.252	.424	.577
CENTROID Y	-.066	-.156	-.309
POR TO CENTROID in.	.260	.452	.655
MIN RADIUS	.579	.385	.185
MEAN RADIUS	1.149	1.041	.903
MAX RADIUS	1.746	1.735	1.510
HORIZONTAL SPREAD	2.644	2.280	2.280
VERTICAL SPREAD	2.466	2.466	1.916
EXTREME SPREAD	3.162	3.076	2.420
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	