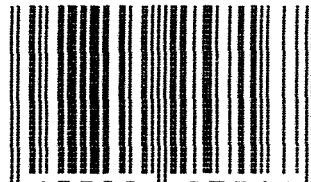


FORM

UPC



0 47700 25716 7

C6666022

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO. 5716

Remington

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

MODEL 700™ M24**SERIAL NO.**

C6666022

ORDER NO.**5716**

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

20



5716 C6666022

ORDER 5716

MODEL 700™ M24

UPC**ORDER 5716**

MODEL 700™ M24

UPC

0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666022

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	LG
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		10/1/91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KL
	C) Inspect Ejector Hole for Chamfer		11/1/91	KL
	D) Oil Firing Pin Ass'y		11/1/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-4-91	JH
	G) Safety Off Force	3	3	3			11-4-91	JH
	H) Trigger Pull Test & Retainability						11-4-91	JH
	I) Firing Pin Indent	023	022	022			11-4-91	JH
	J) Assemble Stock						11/4/91	JH
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/4/91	JH
	M) Iron Sight Alignment						11/4/91	JH
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	JH
	O) Attach Scope to Rifle						11/4/91	JH
	P) Detach & Attach Scope 20 Times						11/4/91	JH
640	Gallery Target & Test						11-5-91	DH
	A) Time						11-5-91	DH
	B) Malfunctions						11-5-91	DH
	C) Pierced Primers						11-5-91	DH
	D) Optical Clarity of Scope						11-5-91	DH
645	Inspect for Live Ammo						11-5-91	DH
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	242	242	247	246	246	11-6-91	DH
	C) Function						11-12-91	AC
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-6666022DATE 11-4-91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.16	2.24	2.50	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.30	2.51	2.42	
PULL #3	2.31	2.28	2.48	2.47	
PULL #4	2.28	2.37	2.39	2.46	
PULL #5	2.27	2.48	2.44	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.36		
PULL #2	3.48	3.33		
PULL #3	3.37	3.34		
PULL #4	3.45	3.34		
PULL #5	3.58	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.23		4.30
PULL #2	4.41	4.45		4.38
PULL #3	4.19	4.36		4.45
PULL #4	4.28	4.35		4.39
PULL #5	4.26	4.33		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6668022
5 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.285701
1	TO	2	.661105
1	TO	3	.274089
1	TO	4	.25838
1	TO	5	.344616

47.82 < ---- FOR

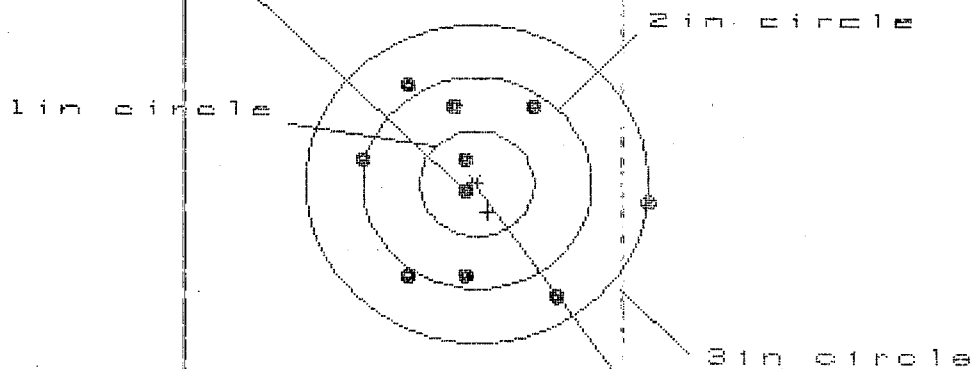
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1412
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177763
THE AMR FOR THIS RIFLE IS: .9674

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.498

VS= 2.010

GS= 2.534

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.518	.854	.762
MINIMUM X	-.980	-.811	-.705
MAXIMUM Y	.969	.951	.818
MINIMUM Y	-1.041	-1.059	-.992
CENTROID X	-.099	-.268	-.374
CENTROID Y	.268	.286	.419
POA TO CENTROID in.	.286	.392	.562
MIN RADIUS	.161	.134	.231
MEAN RADIUS	.886	.792	.710
MAX RADIUS	1.526	1.360	1.020
HORIZONTAL SPREAD	2.498	1.665	1.467
VERTICAL SPREAD	2.010	2.010	1.810
EXTREME SPREAD	2.534	2.364	1.901
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 4.179

VS = 2.283

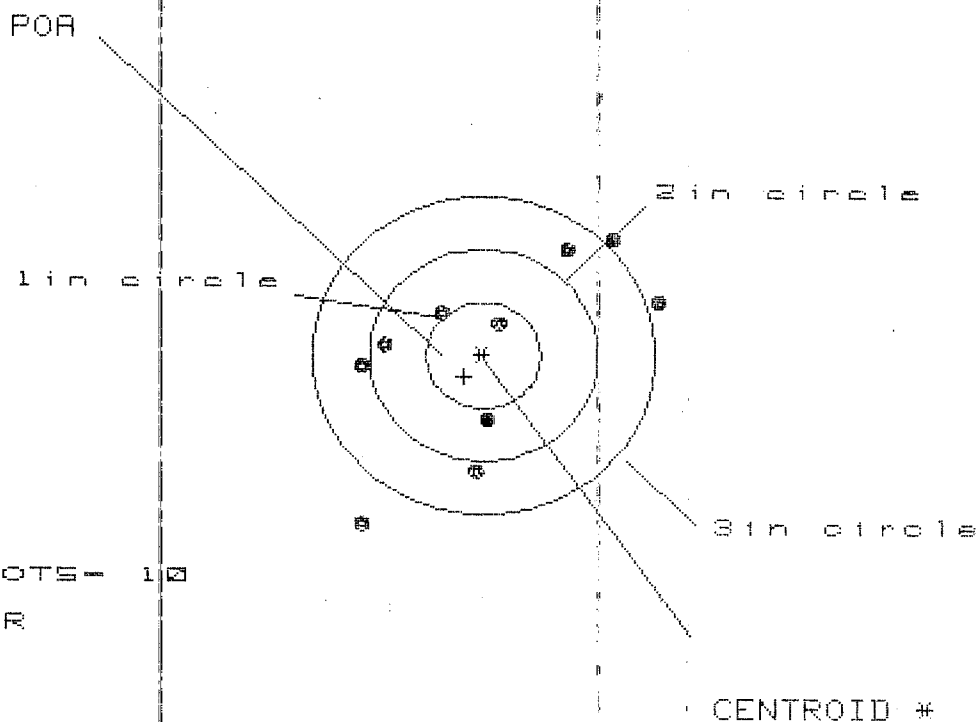
GS = 4.256

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.671	1.643	1.779
MINIMUM X	-1.508	-1.211	-1.075
MAXIMUM Y	1.408	1.549	.804
MINIMUM Y	-.875	-.734	-.540
CENTROID X	.523	.226	.090
CENTROID Y	.044	-.097	-.291
POA TO CENTROID in.	.525	.246	.305
MIN RADIUS	.306	.101	.281
MEAN RADIUS	1.241	.923	.742
MAX RADIUS	2.960	1.895	1.798
HORIZONTAL SPREAD	4.179	2.854	2.854
VERTICAL SPREAD	2.283	2.283	1.344
EXTREME SPREAD	4.256	3.047	3.047
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8566022

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.586

VS= 2.700

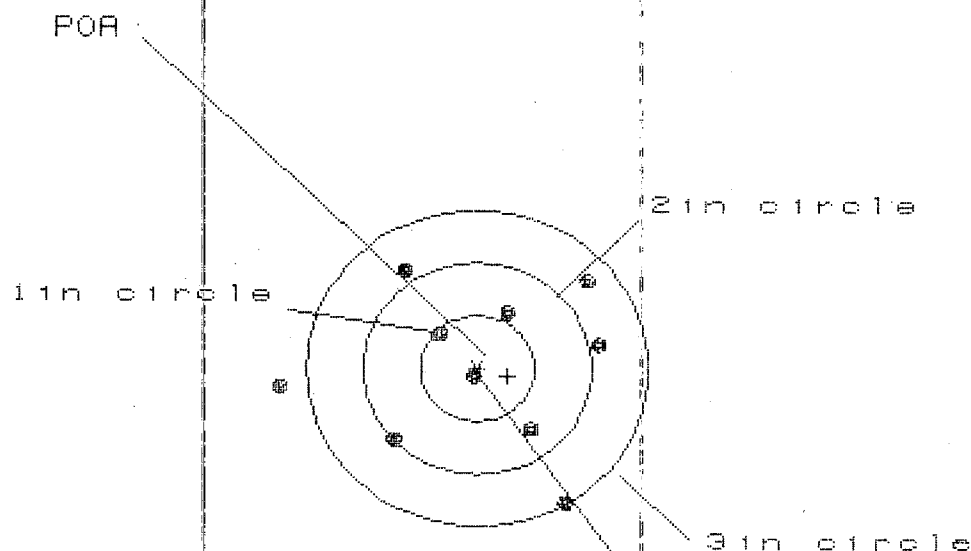
GS= 3.453

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.527	1.409	1.152
MINIMUM X	-1.059	-1.164	-.988
MAXIMUM Y	1.135	.961	1.004
MINIMUM Y	-1.565	-1.264	-1.221
CENTROID X	.166	.284	.108
CENTROID Y	.198	.372	.329
POA TO CENTROID in.	.259	.468	.346
MIN RADIUS	.276	.093	.197
MEAN RADIUS	1.066	.960	.875
MAX RADIUS	1.890	1.451	1.528
HORIZONTAL SPREAD	2.586	2.573	2.140
VERTICAL SPREAD	2.700	2.225	2.225
EXTREME SPREAD	3.453	2.658	2.520
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.813

VS = 2.273

GS = 2.858

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.047	.851	.919
MINIMUM X	-1.766	-.933	-.865
MAXIMUM Y	.973	.955	.790
MINIMUM Y	-1.300	-1.318	-.857
CENTROID X	-.265	-.069	-.138
CENTROID Y	.070	.088	.253
POA TO CENTROID in.	.275	.112	.288
MIN RADIUS	.101	.241	.316
MEAN RADIUS	.955	.859	.770
MAX RADIUS	1.773	1.426	1.217
HORIZONTAL SPREAD	2.813	1.784	1.784
VERTICAL SPREAD	2.273	2.273	1.647
EXTREME SPREAD	2.858	2.636	2.222
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.852

VS= 1.728

GS= 2.095

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.866	.884	.773
MINIMUM X	-.987	-.891	-.600
MAXIMUM Y	.985	.775	.824
MINIMUM Y	-.743	-.633	-.584
CENTROID X	.215	.119	.230
CENTROID Y	.126	.016	-.033
POA TO CENTROID in.	.249	.120	.233
MIN RADIUS	.144	.197	.089
MEAN RADIUS	.689	.619	.550
MAX RADIUS	1.312	.975	1.020
HORIZONTAL SPREAD	1.853	1.775	1.373
VERTICAL SPREAD	1.728	1.408	1.408
EXTREME SPREAD	2.095	1.928	1.779
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		