

Smead
®

FORM

UPC



0 47700 25716 7

C6665867

CAPACITY*
*INCLUDES 1 IN CHAMBER

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.

C6665867

ORDER NO.

5716

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

20



5716 C6665867

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665867

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	GS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	DA
	Apply Coating (Bolt)		10-18-91	DA
625	Final Assembly A) Clean inside of Bolt Assembly		11/21/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/21/91	KH
	C) Inspect Ejector Hole for Chamfer		11/21/91	KH
	D) Oil Firing Pin Ass'y		11/21/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-22-91	JP

op. BARBER - M24C103507		READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6	6	11-22-91	JK		
	G) Safety Off Force	4	4	4	11-22-91	JK		
	H) Trigger Pull Test & Retainability				11-22-91	JK		
	I) Firing Pin Indent	.021	.021	.0205	11-22-91	JK		
	J) Assemble Stock				11/26/91	JK		
	K) Assemble Swivel Studs				12-3-91	JK		
	L) Attach Front and Rear Sight Assemblies				11/26/91	JK		
	M) Iron Sight Alignment				11/26/91	JK		
	N) Detach Front & Rear Sights & place in numbered container				11/26/91	JK		
	O) Attach Scope to Rifle				11/26/91	JK		
P) Detach & Attach Scope - 20 Times				11/26/91	JK			
640	Gallery Target & Test				11-27-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				11-27-91	NF		
655	Final Inspection							
	A) Headspace				12-3-91	JK		
	B) Trigger Pull	256	259	258	261	260	12-29-91	JK
	C) Function						12-3-91	JK
660	Pack						12-20-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665867

DATE 11-22-91

TESTER JJP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.32	2.38	256	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.27	2.55	259	
PULL #3	2.39	2.25	2.22	258	
PULL #4	2.28	2.31	2.20	261	
PULL #5	2.35	2.27	2.44	260	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.41		
PULL #2	3.41	3.45		
PULL #3	3.37	3.39		
PULL #4	3.39	3.39		
PULL #5	3.37	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.28		4.28
PULL #2	4.27	4.32		4.30
PULL #3	4.28	4.33		4.31
PULL #4	4.30	4.25		4.24
PULL #5	4.35	4.25		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665867
27 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0885664
1 TO	2	.196352
1 TO	3	.237794
1 TO	4	.371442
1 TO	5	.254908

<----POR

THE AVERAGE X COORDINATE FOR THIS RIFLE IS: -.0246
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: .06
THE RESULTING AVERAGE RADIUS FOR THIS RIFLE IS: .0648472
THE AME FOR THIS RIFLE IS: .9314

27 May 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685867

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.667

VS = 2.584

GS = 2.857

CENTROID #

PATTERN #

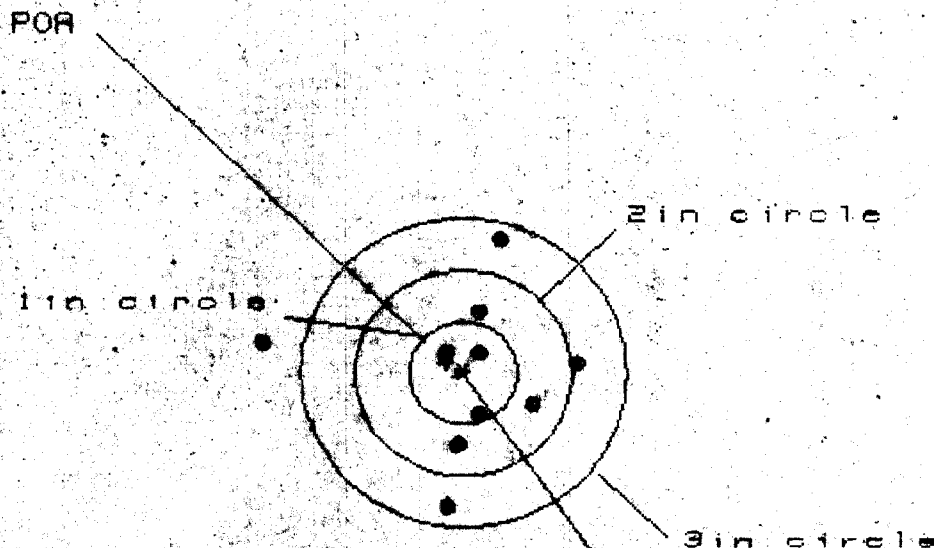
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.382	1.450	1.298
MINIMUM X	-1.285	-1.217	-.803
MAXIMUM Y	1.432	.718	.661
MINIMUM Y	-1.152	-.993	-1.050
CENTROID X	-.038	-.106	.046
CENTROID Y	.030	-.239	-.182
POR TO CENTROID IN	.088	.261	.187
MIN RADIUS	.201	.318	.163
MEAN RADIUS	.990	.929	.867
MAX RADIUS	1.557	1.498	1.337
HORIZONTAL SPREAD	2.667	2.66	
VERTICAL SPREAD	2.584	1.7	
EXTREME SPREAD	2.857	2.7	
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

27 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665867

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 2.906

VS = 2.607

GS = 2.910

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.000	.788	.743
MINIMUM X	:	-1.906	-.410	-.455
MAXIMUM Y	:	1.280	1.313	1.151
MINIMUM Y	:	-1.327	-1.294	-.813
CENTROID X	:	.157	.369	.414
CENTROID Y	:	-.103	-.136	.026
POA TO CENTROID in.	:	.188	.393	.415
MIN RADIUS	:	.193	.224	.158
MEAN RADIUS	:	.852	.713	.626
MAX RADIUS	:	1.928	1.344	1.154
HORIZONTAL SPREAD	:	2.906	1.198	1.198
VERTICAL SPREAD	:	2.607	2.607	.4
EXTREME SPREAD	:	2.910	2.652	
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

27 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/CQ665867

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.349

VS = 2.152

GS = 2.533

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.816	.646	.696
MINIMUM X	:	-1.533	-1.089	-1.039
MAXIMUM Y	:	1.065	1.027	.800
MINIMUM Y	:	-1.087	-1.125	-.996
CENTROID X	:	.123	.293	.243
CENTROID Y	:	.095	.133	.004
POA TO CENTROID in.	:	.155	.322	.243
MIN RADIUS	:	.154	.304	.207
MEAN RADIUS	:	.839	.745	.677
MAX RADIUS	:	1.570	1.268	1.298
HORIZONTAL SPREAD	:	2.349	1.735	1.735
VERTICAL SPREAD	:	2.152	2.152	1.796
EXTREME SPREAD	:	2.533	2.252	2.252
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665867

CENTERFIRE PATTERNS # 4

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 = 1.000

VS = 3.791

GS = 3.815

CENTROID *

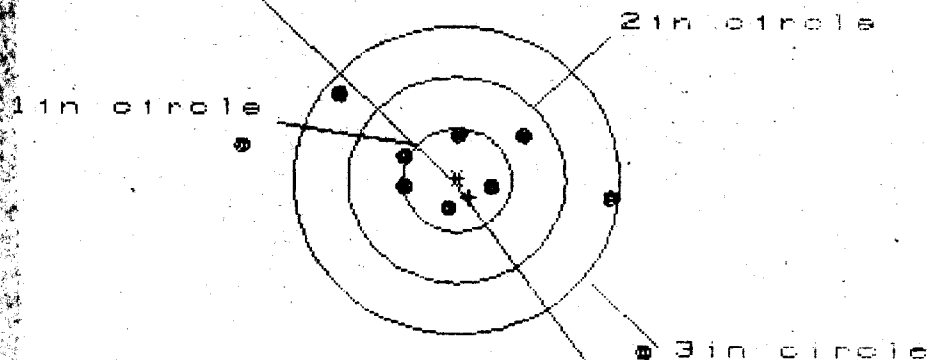
PATTERN #

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	1.255	1.254
MINIMUM X	:	-.697	-.654	-.654
MAXIMUM Y	:	1.423	1.159	.672
MINIMUM Y	:	-2.368	-.944	-.799
CENTROID X	:	-.250	-.293	-.293
CENTROID Y	:	.225	.489	.344
POA TO CENTROID in.	:	.337	.570	.451
MIN RADIUS	:	.398	.432	.369
MEAN RADIUS	:	.984	.781	.731
MAX RADIUS	:	2.399	1.570	1.487
HORIZONTAL SPREAD	:	1.909	1.909	1.909
VERTICAL SPREAD	:	3.791	2.103	1.471
EXTREME SPREAD	:	3.815	2.450	2.147
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

FILE:/PATTERNING/CENTERFIRE_PATT/06665867

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in = 5

2 in = 6

3 in = 8

IS = 3.503

VS = 2.482

GS = 4.166

CENTROID *

PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.688	1.651	1.425
MINIMUM X	-1.995	-1.887	-1.111
MAXIMUM Y	.866	.686	.703
MINIMUM Y	-1.626	-.490	-.473
CENTROID X	-.115	-.303	-.077
CENTROID Y	.163	.343	.326
POA TO CENTROID in.	.199	.458	.335
MIN RADIUS	.272	.253	.228
MEAN RADIUS	.989	.821	.680
MAX RADIUS	2.344	1.813	1.464
HORIZONTAL SPREAD	3.683	3.458	2.536
VERTICAL SPREAD	2.492	1.176	1.176
EXTREME SPREAD	4.166	3.493	2.741
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		