

Smead[®]

FORM

UPC



0 47700 25716 7

6665867

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 TM M24

SERIAL NO.

C6665867

ORDER NO.

5716

20

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



5716 C6665867

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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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	TH
	Apply Coating (Bolt)			
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	JH

Op. #	Op. NAME	REFERENCE						
625 cont.	F) Safety On Force	6	6	6	11-22-91	OK		
	G) Safety Off Force	4	4	4	11-22-91	OK		
	H) Trigger Pull Test & Retainability				11-22-91	OK		
	I) Firing Pin Indent	1021	1021	10205	11-22-91	OK		
	J) Assemble Stock				11/24/91	OK		
	K) Assemble Swivel Studs				12-3-91	AC		
	L) Attach Front and Rear Sight Assemblies				11/26/91	OK		
	M) Iron Sight Alignment				11/26/91	OK		
	N) Detach Front & Rear Sights & place in numbered container				11/26/91	OK		
	O) Attach Scope to Rifle				11/26/91	OK		
P) Detach & Attach Scope 20 Times				11/26/91	OK			
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	AC		
	B) Trigger Pull	256	259	258	261	260	12-29-91	OK
	C) Function						12-3-91	AC
660	Pack						12-20-91	NF

SWS TRIGGER PULL TEST

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 JEP

	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 RMS FOR THIS RIFLE IS: .9314

27 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6665867

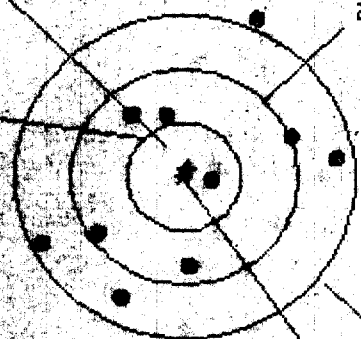
CENTERFIRE PATTERNS # 1

POA

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

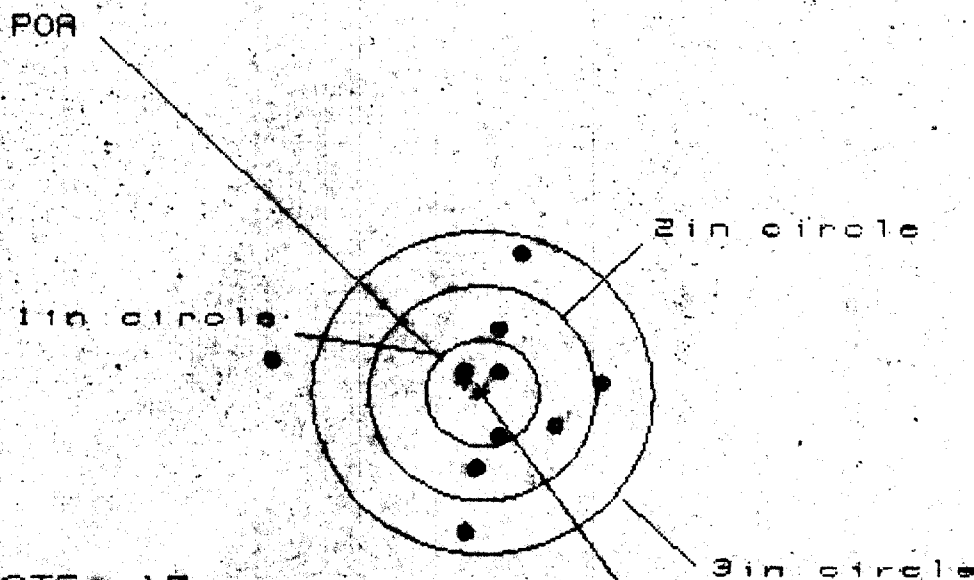
CENTROID #

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	:	-.039	-.106	-.046
CENTROID Y	:	.030	-.239	-.182
POA 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/C6665667

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

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.349

VS = 2.152

GS = 2.533

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.816

.646

.696

-1.533

-1.089

-1.039

1.065

1.027

.800

-1.087

-1.125

-.996

.123

.293

.243

.095

.133

.004

.155

.322

.243

.154

.304

.207

.839

.745

.677

1.570

1.268

1.298

2.349

1.735

1.735

2.152

2.152

1.796

2.533

2.252

2.252

2

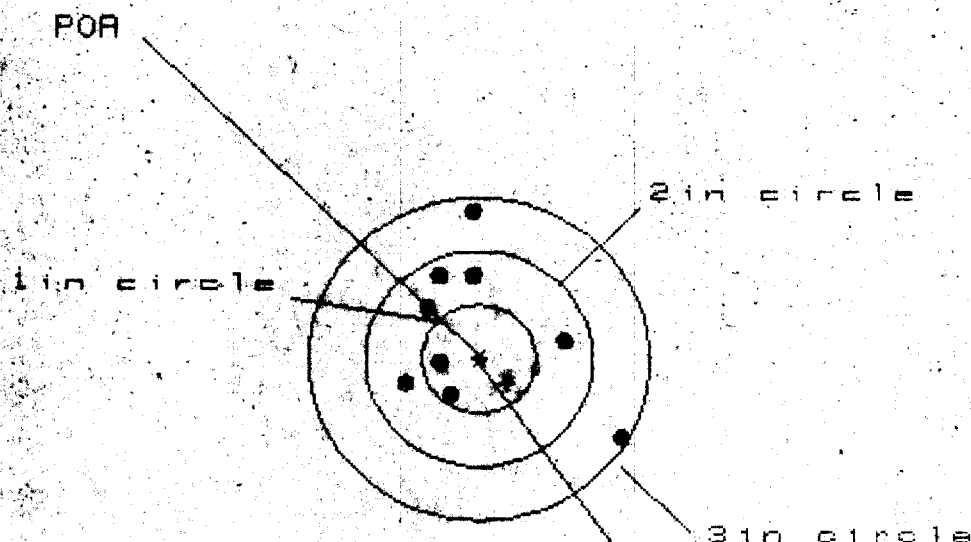
6

9

27 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665867

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 1.888

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
POR 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/C6665867

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 5

2 in = 6

3 in = 8

IS = 2.503

VS = 2.482

GS = 4.166

CENTROID *

PATTERN #

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	