

Smead
®

FORM

UPC



0 47700 25716 2

06665760

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700TM M24**SERIAL NO.
C6665760ORDER NO.
5716

20

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



5716 C6665760

ORDER 5716
MODEL 700TM M24
UPC

0 47700 25716 7

ORDER 5716
MODEL 700TM M24
UPC

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665760

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KH
600	Proof		9/30/91	KH
607	Check Headspace		9/30/91	KH
610	Dis-assemble Gun		9/30/91	KH
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	LB
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	PA
	Apply Coating (Bolt)		11-1-91	PA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	KH
	C) Inspect Ejector Hole for Chamfer		11/12/91	KH
	D) Oil Firing Pin Ass'y		11/12/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	PA

OP # BARBER - M24 0102172	OP NAME	READINGS					DATE	INI
625 cont.	F) Safety On Force	5	5	5			11-13-91	Q1
	G) Safety Off Force	3	3	3			11-13-91	Q1
	H) Trigger Pull Test & Retainability						11-13-91	Q1
	I) Firing Pin Indent	.020	.020	.020			11-13-91	Q1
	J) Assemble Stock						11/13/91	K1
	K) Assemble Swivel Studs						11-27-91	A
	L) Attach Front and Rear Sight Assemblies						11/13/91	K1
	M) Iron Sight Alignment						11/13/91	K1
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	K1
	O) Attach Scope to Rifle						11/13/91	K1
	P) Detach & Attach Scope 20 Times						11/13/91	K1
640	Gallery Target & Test						11/19/91	KT
	A) Time							K1
	B) Malfunctions							K1
	C) Pierced Primers							K1
	D) Optical Clarity of Scope							K1
645	Inspect for Live Ammo						11/19/91	15
655	Final Inspection							
	A) Headspace						11-27-91	11
	B) Trigger Pull	240	240	240	244	243	11-20-91	11
	C) Function						11-27-91	- A
660	Pack						12-17-91	11

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665760

DATE 11-13-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.47	2.50	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.45	2.48	2.40	
PULL #3	2.32	2.41	2.45	2.40	
PULL #4	2.32	2.25	2.51	2.44	
PULL #5	2.41	2.52	2.53	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.26		
PULL #2	3.40	3.39		
PULL #3	3.27	3.44		
PULL #4	3.38	3.41		
PULL #5	3.41	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.35		4.31
PULL #2	4.56	4.38		4.45
PULL #3	4.34	4.35		4.31
PULL #4	4.36	4.31		4.26
PULL #5	4.36	4.27		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665760
20 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.222612
1 TO	2	.185607
1 TO	3	.195346
1 TO	4	.3922
1 TO	5	.132600

4 <----PQR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .043
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0723619

IS AMR FOR THIS RIFLE IS: .8774

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685760

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.937

VS= 3.462

GS= 3.462

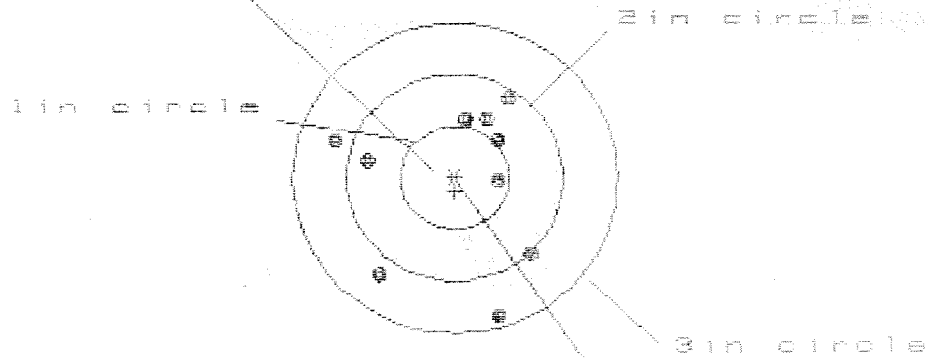
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.800	.754	.782
MINIMUM X	-1.137	-1.183	-1.236
MAXIMUM Y	1.313	1.075	.818
MINIMUM Y	-2.149	-.984	-.850
CENTROID X	.190	.236	.288
CENTROID Y	.116	.354	.220
POA TO CENTROID in.	.222	.426	.353
1in RADIUS	.268	.129	.229
2in RADIUS	.965	.789	.733
3in RADIUS	2.188	1.192	1.268
HORIZONTAL SPREAD	1.937	1.937	1.937
VERTICAL SPREAD	3.462	2.059	1.668
EXTREME SPREAD	3.462	2.308	2.132
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665760

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

CENTROID *

HS= 1.798

VS= 2.085

GS= 2.255

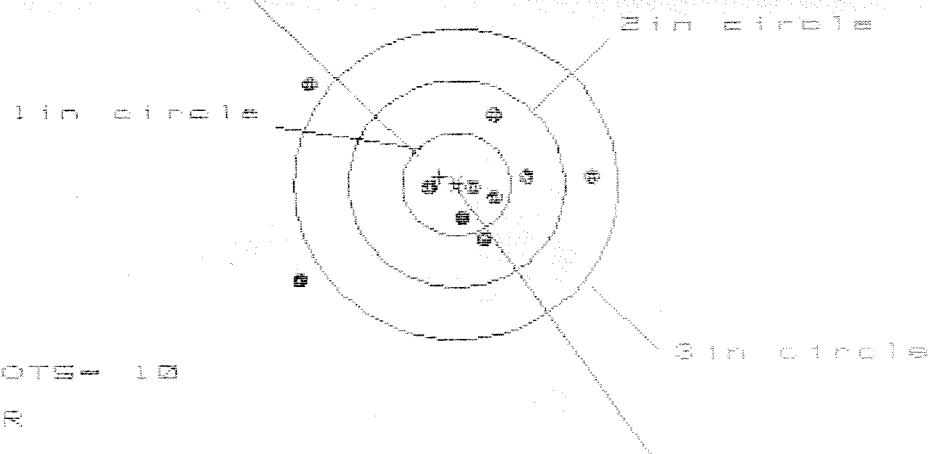
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.655	.700	.563
MINIMUM X	:	-1.142	-1.098	-.851
MAXIMUM Y	:	.806	.663	.669
MINIMUM Y	:	-1.289	-1.035	-1.009
CENTROID X	:	.005	-.040	.097
CENTROID Y	:	.131	.274	.248
POA TO CENTROID in.	:	.131	.277	.266
MIN RADIUS	:	.378	.449	.312
MEAN RADIUS	:	.850	.769	.698
MAX RADIUS	:	1.350	1.217	1.273
HORIZONTAL SPREAD	:	1.798	1.798	1.414
VERTICAL SPREAD	:	2.095	1.698	1.698
EXTREME SPREAD	:	2.255	2.102	2.045
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66857B0

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.712

VS= 1.976

GS= 2.908

CENTROID #

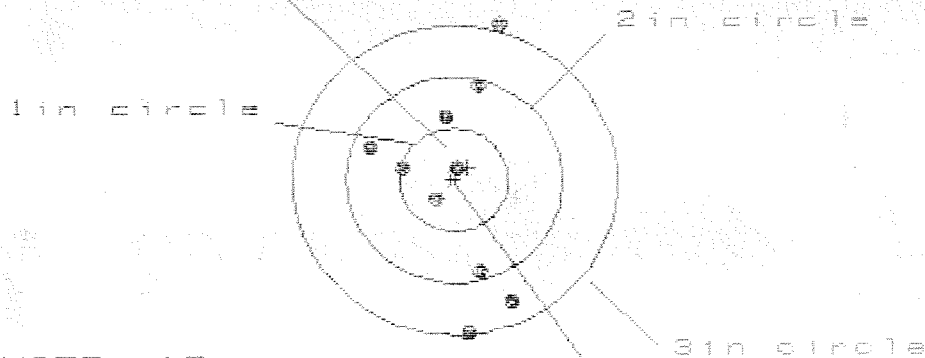
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.267	1.106	.920
MINIMUM X	-1.445	-1.490	-.594
MAXIMUM Y	1.023	.917	.705
MINIMUM Y	-.953	-.593	-.478
CENTROID X	.154	.315	.501
CENTROID Y	-.076	.030	-.085
POA TO CENTROID in.	.172	.316	.508
MIN RADIUS	.195	.111	.136
MEAN RADIUS	.768	.640	.461
MAX RADIUS	1.731	1.749	.926
HORIZONTAL SPREAD	2.712	2.596	1.514
VERTICAL SPREAD	1.976	1.510	1.183
EXTREME SPREAD	2.908	2.756	1.521
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665760

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.212

VS= 2.988

GS= 2.994

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.488	.524	.542
MINIMUM X	-.732	-.688	-.670
MAXIMUM Y	1.545	1.070	.912
MINIMUM Y	-1.435	-1.264	-1.168
CENTROID X	-.124	-.168	-.186
CENTROID Y	-.119	-.290	-.132
POA TO CENTROID in.	.172	.335	.229
MIN RADIUS	.138	.110	.172
MEAN RADIUS	.848	.770	.673
MAX RADIUS	1.595	1.272	1.268
HORIZONTAL SPREAD	1.212	1.212	1.212
VERTICAL SPREAD	2.980	2.334	2.081
EXTREME SPREAD	2.994	2.338	2.094
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	7	7	7
NUMBER IN THREE INCH CIRCLE =	9	9	9

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665760

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 1.807

VS= 2.517

GS= 2.533

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.946	.850	.452
MINIMUM X	-.861	-.747	-.641
MAXIMUM Y	1.250	1.125	.993
MINIMUM Y	-1.267	-1.392	-1.534
CENTROID X	.066	.162	.056
CENTROID Y	.163	.288	.430
POR TO CENTROID in.	.176	.330	.433
MIN RADIUS	.223	.078	.222
MEAN RADIUS	.956	.879	.806
MAX RADIUS	1.419	1.418	1.544
HORIZONTAL SPREAD	1.807	1.597	1.093
VERTICAL SPREAD	2.517	2.517	2.517
EXTREME SPREAD	2.533	2.533	2.533
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	10	