

FORM

CAPACITY*

*INCLUDES 1 IN CHAMBER

C66666132

UPC



0 47700 25716 7

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700TM M24****SERIAL NO.**
C6666132

20

ORDER NO.
5716

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



5716 C6666132

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6666132

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	GB
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	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KA
	C) Inspect Ejector Hole for Chamfer		11/1/91	KA
	D) Oil Firing Pin Ass'y		11/1/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-4-91	JK
	G) Safety Off Force	4	4	4			11-4-91	JK
	H) Trigger Pull Test & Retainability						11-4-91	JK
	I) Firing Pin Indent	.020	.020	.020			11-4-91	JK
	J) Assemble Stock						11/4/91	JK
	K) Assemble Swivel Studs						11-27-91	JK
	L) Attach Front and Rear Sight Assemblies						11/4/91	JK
	M) Iron Sight Alignment						11/4/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	JK
	O) Attach Scope to Rifle						11/4/91	JK
	P) Detach & Attach Scope 20 Times						11/4/91	JK
640	Gallery Target & Test						11-5-91	AC
	A) Time						11-5-91	AC
	B) Malfunctions						11-5-91	AC
	C) Pierced Primers						11-5-91	AC
	D) Optical Clarity of Scope						11-5-91	AC
645	Inspect for Live Ammo						11-5-91	AC
655	Final Inspection							
	A) Headspace						11-27-91	AC
	B) Trigger Pull	2.46	2.47	2.56	2.56	2.51	11-13-91	AC
	C) Function						11-27-91	JK
660	Pack						12-18-91	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6666132DATE 11-4-91TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.48	2.50	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.36	2.55	2.47	
PULL #3	2.50	2.40	2.48	2.56	
PULL #4	2.40	2.45	2.46	2.56	
PULL #5	2.45	2.38	2.43	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.41		
PULL #2	3.41	3.40		
PULL #3	3.46	3.46		
PULL #4	3.44	3.44		
PULL #5	3.41	3.35		
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	4.25		4.48
PULL #2	4.24	4.36		4.30
PULL #3	4.29	4.47		4.53
PULL #4	4.21	4.30		4.39
PULL #5	4.22	4.36		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666132
5 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.673238
1	TO	2	.605186
1	TO	3	.305797
1	TO	4	.101607
1	TO	5	.0672309

#3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4948
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .501813
THE EMP FOR THIS RIFLE IS: .9844

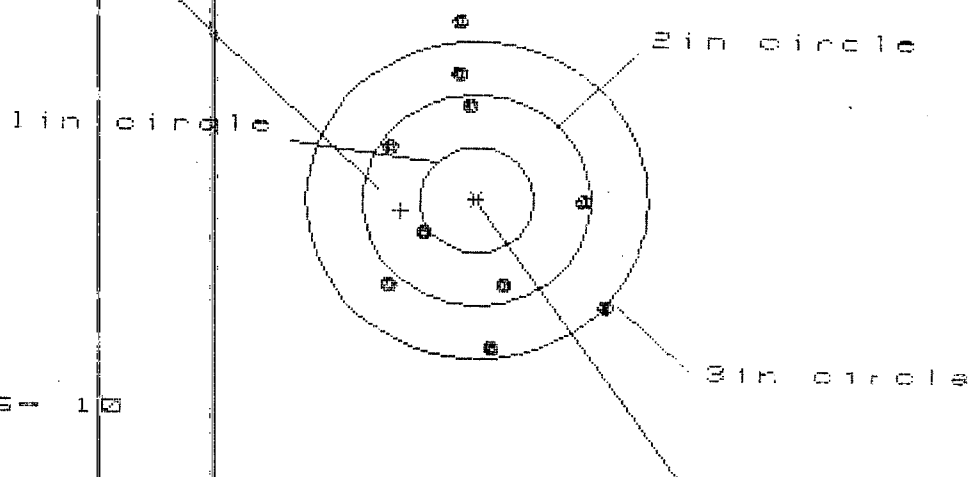
5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666132

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 1.898

VS= 3.151

GS= 3.172

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.898	1.869	1.837
MINIMUM X	-1.808	-1.829	-1.695
MAXIMUM Y	1.706	1.385	1.279
MINIMUM Y	-1.445	-1.255	-1.361
CENTROID X	.665	.686	.552
CENTROID Y	.105	-.085	.021
POA TO CENTROID in.	.673	.691	.552
MIN RADIUS	.541	.503	.403
MAX RADIUS	1.114	1.032	.973
AVG RADIUS	1.717	1.395	1.391
HORIZONTAL SPREAD	1.898	1.898	1.732
VERTICAL SPREAD	3.151	2.640	2.640
DIAGONAL SPREAD	3.172	2.659	2.659
SHOTS IN ONE INCH CIRCLE	=	0	
SHOTS IN TWO INCH CIRCLE	=	5	
SHOTS IN THREE INCH CIRCLE	=	8	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6686132

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.369

VS= 2.053

GS= 2.592

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	1.034	.895
MINIMUM X	-1.234	-1.108	-.605
MAXIMUM Y	1.063	.587	.603
MINIMUM Y	-.990	-.872	-.856
CENTROID X	.060	-.066	.073
CENTROID Y	.090	-.028	-.044
POA TO CENTROID in.	.109	.072	.085
MIN RADIUS	.305	.288	.342
MEAN RADIUS	.804	.686	.649
MAI RADIUS	1.555	1.160	1.047
HORIZONTAL SPREAD	2.369	2.142	1.500
VERTICAL SPREAD	2.053	1.459	1.459
EXTREME SPREAD	2.592	2.178	1.713
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666132

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.209

VS= 2.348

GS= 2.940

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.810	.654	.719
MINIMUM X	-1.399	-.924	-.859
MAXIMUM Y	1.049	1.136	.984
MINIMUM Y	-1.299	-1.212	-1.007
CENTROID X	.459	.615	.550
CENTROID Y	-.121	-.208	-.056
POA TO CENTROID in.	.475	.649	.552
MIN RADIUS	.516	.375	.428
MEAN RADIUS	.962	.865	.807
MAX RADIUS	1.603	1.320	1.112
HORIZONTAL SPREAD	2.209	1.578	1.578
VERTICAL SPREAD	2.348	2.348	1.991
EXTREME SPREAD	2.940	2.526	2.126
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666132

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.273

VS= 1.897

GS= 2.322

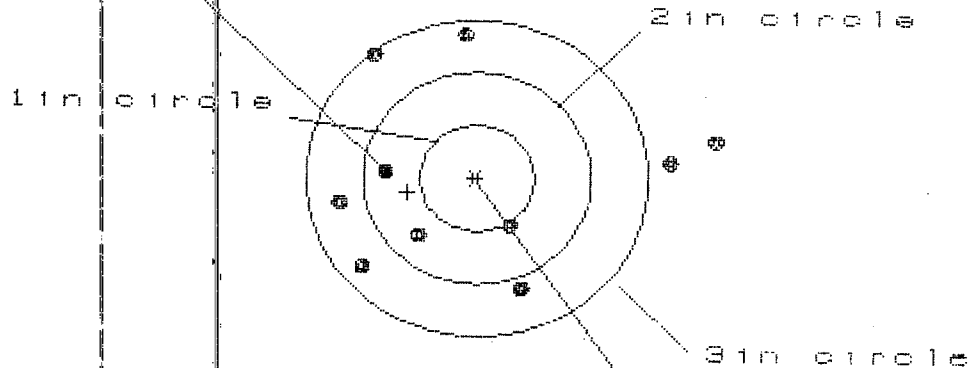
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.419	1.320	1.246
MINIMUM X	-.854	-.697	-.771
MAXIMUM Y	1.141	1.177	.570
MINIMUM Y	-.756	-.720	-.573
CENTROID X	.683	.526	.600
CENTROID Y	.205	.169	.022
POA TO CENTROID in.	.713	.552	.601
MIN RADIUS	.070	.159	.139
MEAN RADIUS	.821	.720	.625
MAX RADIUS	1.455	1.322	1.249
HORIZONTAL SPREAD	2.273	2.017	2.017
VERTICAL SPREAD	1.897	1.897	1.143
EXTREME SPREAD	2.322	2.201	2.028
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666132

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 3.235

VS = 2.329

GS = 3.298

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.055	1.872	.860
MINIMUM X	-.181	-.953	-.719
MAXIMUM Y	.339	1.383	1.411
MINIMUM Y	.990	-.946	-.918
CENTROID X	.607	.379	.145
CENTROID Y	.139	.095	.067
POA TO CENTROID in.	.623	.391	.160
MIN RADIUS	.572	.553	.345
MEAN RADIUS	1.221	1.077	.926
MAX RADIUS	.093	1.885	1.457
HORIZONTAL SPREAD	.236	2.825	1.579
VERTICAL SPREAD	.329	2.329	2.329
EXTREME SPREAD	.298	2.855	2.478
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

Repair Slot
by Safety Arm