

FORM

UPC



0

47700

25716

7

C66666110

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

5716

ORDER NO.

MODEL 700 TM M24

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700TM M24****SERIAL NO.****C6666110****ORDER NO.****5716**

20

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



5716 C6666110

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666110

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	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	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/5/91	KA
	C) Inspect Ejector Hole for Chamfer		11/5/91	KA
	D) Oil Firing Pin Ass'y		11/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-6-91	JK
	G) Safety Off Force	3	3	3			11-6-91	JK
	H) Trigger Pull Test & Retainability						11-6-91	JK
	I) Firing Pin Indent	.0225	.0225	.0225			11-6-91	JK
	J) Assemble Stock						11-6-91	JK
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11-6-91	JK
	M) Iron Sight Alignment						11-6-91	JK
	N) Detach Front & Rear Sights & place in numbered container						11-6-91	JK
	O) Attach Scope to Rifle						11-6-91	JK
	P) Detach & Attach Scope 20 Times						11-6-91	JK
640	Gallery Target & Test						11-11-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-11-91	NF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.69	2.70	2.66	2.68	2.69	11-25-91	JK
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NF

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

SERIAL NO. C-6666110

DATE 11-6-91

TESTER 82

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.31	2.35	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.32	2.42	2.70	
PULL #3	2.33	2.34	2.44	2.66	
PULL #4	2.33	2.32	2.30	2.68	
PULL #5	2.32	2.30	2.32	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.51		
PULL #2	3.64	3.65		
PULL #3	3.61	3.63		
PULL #4	3.62	3.62		
PULL #5	3.59	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.24		4.37
PULL #2	4.62	4.27		4.36
PULL #3	4.30	4.34		4.35
PULL #4	4.32	4.26		4.33
PULL #5	4.31	4.39		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666110.846
11 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.213546
1	TO	2	.162197
1	TO	3	.176301
1	TO	4	.101833
1	TO	5	.448202

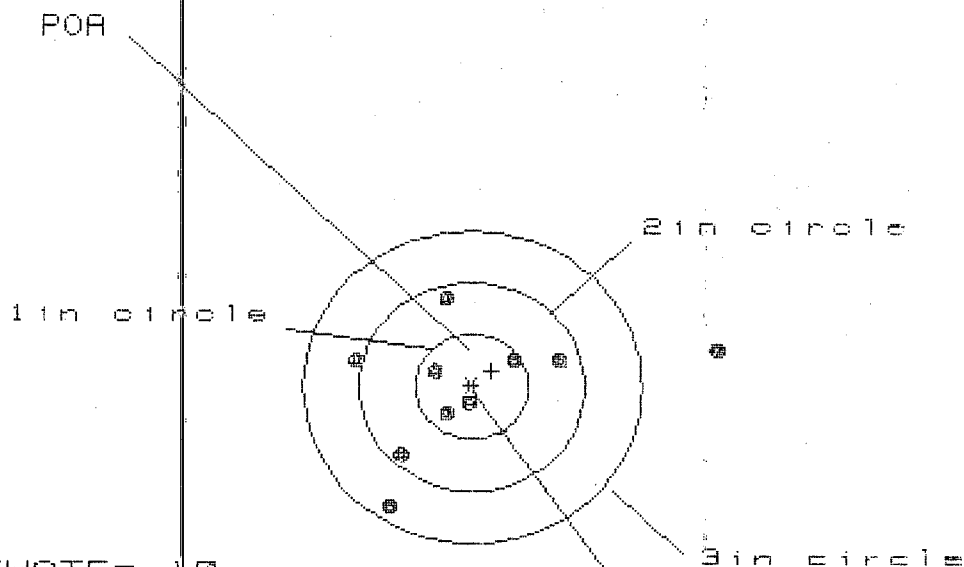
#5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0646
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0724
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0976385
THE AMR FOR THIS RIFLE IS: .8422

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666110

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 3.189

VS= 1.974

GS= 3.282

CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.154	.996	.931
MINIMUM X	-1.035	-.795	-.860
MAXIMUM Y	.828	.869	.731
MINIMUM Y	-1.146	-1.105	-.718
CENTROID X	-.172	-.412	-.347
CENTROID Y	-.151	-.192	-.054
POA TO CENTROID in.	.229	.454	.351
MIN RADIUS	.160	.180	.192
MEAN RADIUS	.846	.664	.593
MAX RADIUS	2.187	1.218	.943
HORIZONTAL SPREAD	3.189	1.791	1.791
VERTICAL SPREAD	1.974	1.974	1.449
EXTREME SPREAD	3.282	2.052	1.792
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666110

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 7

HS = 3.049

VS = 1.871

GS = 3.330

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.475	.834	.657
MINIMUM X	-1.574	-1.410	-1.521
MAXIMUM Y	.859	.746	.650
MINIMUM Y	-1.012	-.771	-.777
CENTROID X	-.159	-.323	-.146
CENTROID Y	.011	.124	.220
POA TO CENTROID in.	.159	.346	.264
MIN RADIUS	.354	.478	.301
MEAN RADIUS	.971	.889	.739
MAX RADIUS	1.789	1.607	1.543
HORIZONTAL SPREAD	3.049	2.244	2.178
VERTICAL SPREAD	1.871	1.517	1.427
EXTREME SPREAD	3.330	2.413	2.412
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666110

CENTERFIRE PATTERNS # 3

POA

11n circle

21n circle

31n circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 3.135

VS= 3.465

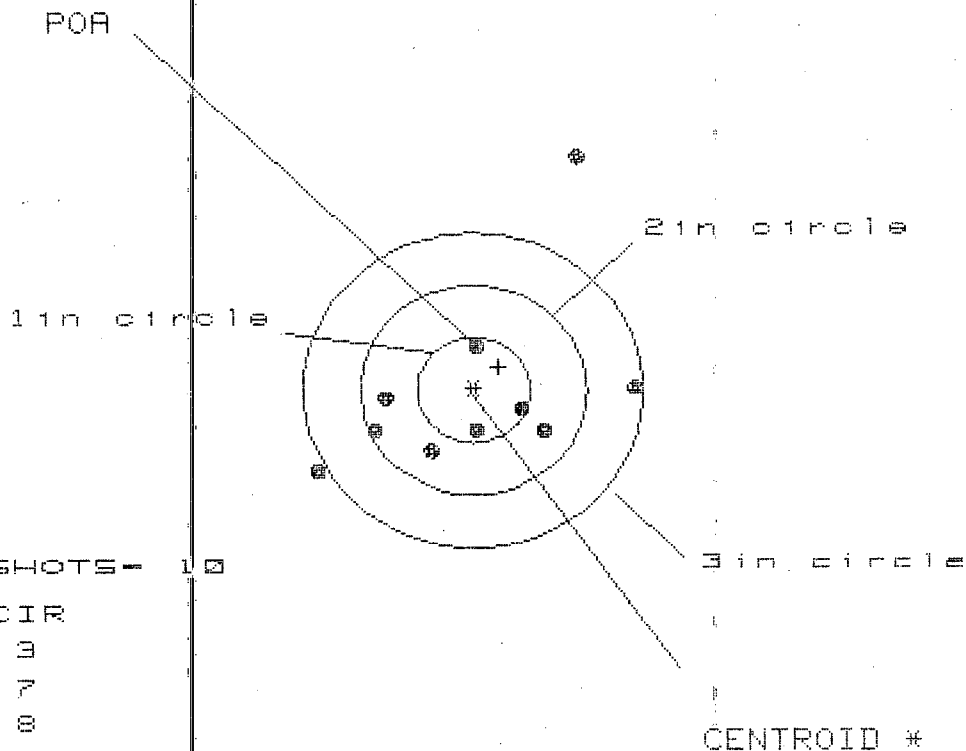
GS= 3.702

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.102	.876	.858
MINIMUM X	-2.033	-1.129	-1.019
MAXIMUM Y	1.848	1.935	1.997
MINIMUM Y	-1.617	-1.530	-1.288
CENTROID X	-.060	.166	.056
CENTROID Y	-.000	-.087	-.329
POA TO CENTROID in.	.060	.187	.334
MIN RADIUS	.436	.502	.289
MEAN RADIUS	1.405	1.304	1.124
MAX RADIUS	2.178	2.124	2.174
HORIZONTAL SPREAD	3.135	2.005	1.877
VERTICAL SPREAD	3.465	3.465	3.285
EXTREME SPREAD	3.702	3.702	3.489
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		5	

[1 May 1991]

FILE:/PATTERNING/CENTERFIRE_PATT/C8666110

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.745

VS= 2.916

GS= 3.680

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.392	1.491	1.334
MINIMUM X	-1.353	-1.254	-.957
MAXIMUM Y	2.172	.665	.602
MINIMUM Y	-.744	-.503	-.362
CENTROID X	-.224	-.323	-.166
CENTROID Y	-.222	-.463	-.400
POA TO CENTROID in.	.315	.565	.433
MIN RADIUS	.398	.197	.222
MEAN RADIUS	.969	.769	.690
MAX RADIUS	2.348	1.514	1.349
HORIZONTAL SPREAD	2.745	2.745	2.291
VERTICAL SPREAD	2.916	1.168	.964
EXTREME SPREAD	3.680	2.849	2.317
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6668110

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.178

VS= 3.260

GS= 3.692

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.224	1.007	.882
MINIMUM X	-1.954	-1.005	-.618
MAXIMUM Y	1.413	1.044	.833
MINIMUM Y	-1.847	-1.690	-1.006
CENTROID X	.271	.489	.614
CENTROID Y	-.000	-.157	.054
POA TO CENTROID in.	.272	.513	.616
MIN RADIUS	.203	.432	.261
MEAN RADIUS	1.038	.886	.688
MAX RADIUS	2.411	1.966	1.181
HORIZONTAL SPREAD	3.178	2.012	1.500
VERTICAL SPREAD	3.260	2.734	1.839
EXTREME SPREAD	3.692	2.843	1.888
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	