

FORM

UPC



0 47700 25716 7

C6665807

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700TM M24**

SERIAL NO.

C6665807

ORDER NO.

5716

20

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



5716 C6665807

ORDER 5716MODEL 700TM M24**UPC**

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ORDER 5716MODEL 700TM M24**UPC**

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665807

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	GS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KS
	C) Inspect Ejector Hole for Chamfer		12/3/91	KS
	D) Oil Firing Pin Ass'y		12/3/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12-5-91	JA

op. #	OP. NAME	READINGS -					DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	6	12-5-91	SH
	G) Safety Off Force	3	3	3	3	3	12-5-91	SH
	H) Trigger Pull Test & Retainability						12-5-91	SH
	I) Firing Pin Indent	10215	10215	10215	10215	10215	12-5-91	SH
	J) Assemble Stock						12/5/91	SH
	K) Assemble Swivel Studs						12-11-91	AC
	L) Attach Front and Rear Sight Assemblies						12/5/91	SH
	M) Iron Sight Alignment						12/5/91	SH
	N) Detach Front & Rear Sights & place in numbered container						12/5/91	SH
	O) Attach Scope to Rifle						12/5/91	SH
	P) Detach & Attach Scope 20 Times						12/5/91	SH
640	Gallery Target & Test						12-6-91	DH
	A) Time						12-6-91	DH
	B) Malfunctions						12-6-91	DH
	C) Pierced Primers						12-6-91	DH
	D) Optical Clarity of Scope						12-6-91	DH
645	Inspect for Live Ammo						12-6-91	DH
655	Final Inspection							
	A) Headspace						12-11-91	AC
	B) Trigger Pull	232	241	235	246	234	12-7-91	DH
	C) Function						12-11-91	AC
660	Pack						12-17-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6665807DATE 12-5-91TESTER SH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.32	2.57	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.45	2.44	2.41	
PULL #3	2.44	2.28	2.35	2.35	
PULL #4	2.37	2.33	2.39	2.46	
PULL #5	2.38	2.55	2.40	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.40		
PULL #2	3.53	3.38		
PULL #3	3.50	3.44		
PULL #4	3.54	3.52		
PULL #5	3.48	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.22		4.21
PULL #2	4.22	4.30		4.31
PULL #3	4.41	4.28		4.20
PULL #4	4.39	4.24		4.18
PULL #5	4.31	4.25		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665807
6 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.226214
1 TO	2	.405686
1 TO	3	.202485
1 TO	4	.397549
1 TO	5	.332448

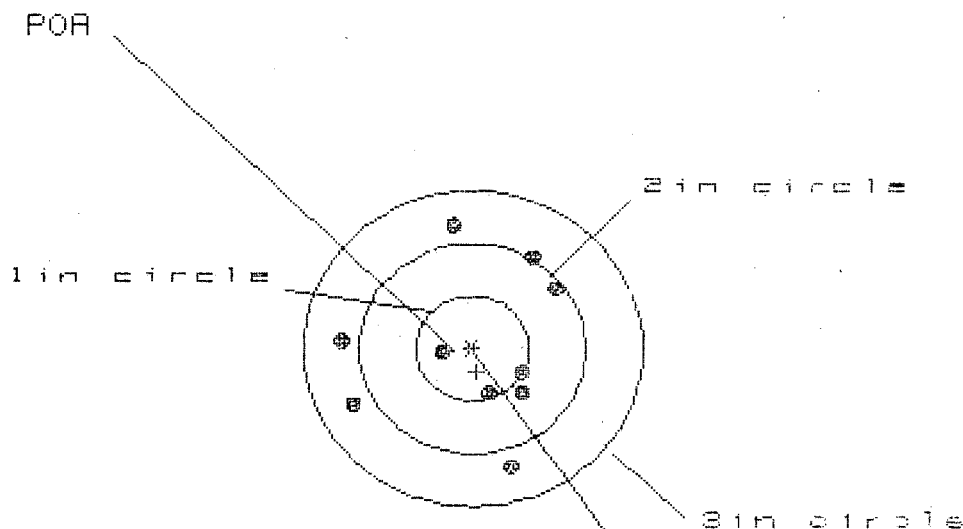
1
2W <----POA

AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0422
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0332
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0536940
FOR THIS RIFLE IS: .9304

JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665807

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 1.923

VS = 2.333

GS = 2.386

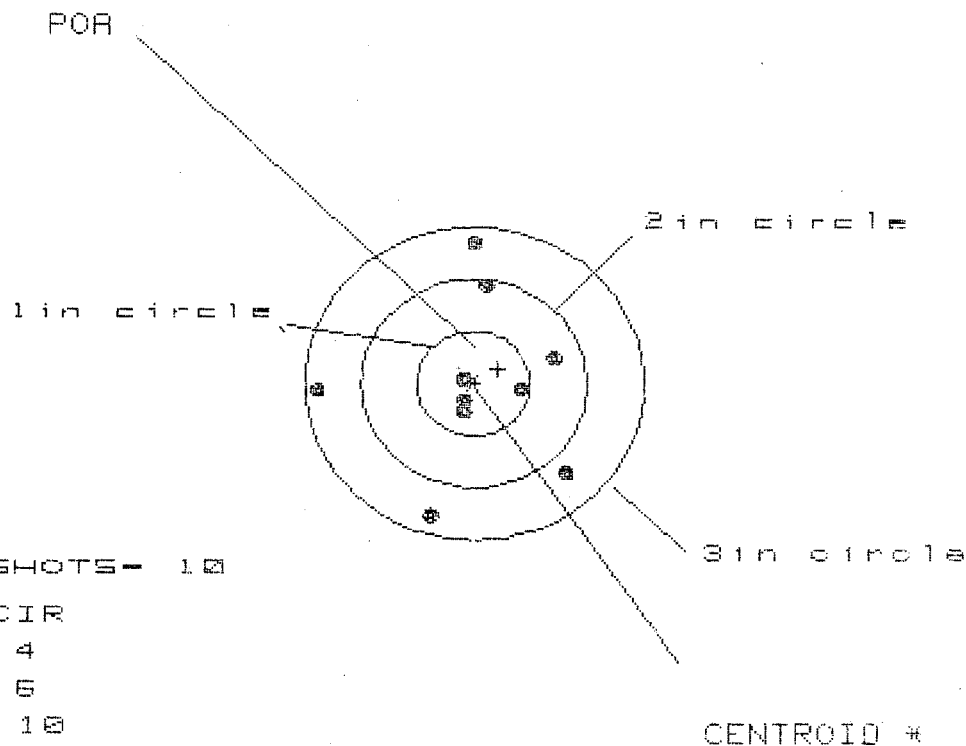
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.755	.737	.600
MINIMUM X	-1.168	-1.186	-1.323
MAXIMUM Y	1.214	1.023	.977
MINIMUM Y	-1.119	-.985	-1.031
CENTROID X	-.038	-.020	.117
CENTROID Y	.223	.089	.135
Dist TO CENTROID in.	.227	.091	.179
1in RADIUS	.233	.277	.292
2in RADIUS	.857	.795	.732
3in RADIUS	1.224	1.205	1.333
HORIZONTAL SPREAD	1.923	1.923	1.923
VERTICAL SPREAD	2.333	2.008	2.008
MEAN SPREAD	2.386	2.127	2.015
SHOTS IN ONE INCH CIRCLE =	3		
SHOTS IN TWO INCH CIRCLE =	5		
SHOTS IN THREE INCH CIRCLE =	10		

8 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS= 2.213

VS= 2.618

GS= 2.647

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.805	.648	.632
MINIMUM X	:	-1.408	-.519	-.535
MAXIMUM Y	:	1.359	1.351	1.133
MINIMUM Y	:	-1.259	-1.267	-1.098
CENTROID X	:	-.213	-.856	-.840
CENTROID Y	:	-.143	-.135	-.304
POR TO CENTROID in.	:	.257	.146	.306
MIN RADIUS	:	.122	.250	.260
MEAN RADIUS	:	.801	.732	.645
MAX RADIUS	:	1.410	1.369	1.222
HORIZONTAL SPREAD	:	2.213	1.167	1.167
VERTICAL SPREAD	:	2.618	2.618	2.231
EXTREME SPREAD	:	2.647	2.647	2.276
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.859

VS= 2.963

GS= 3.423

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.641	.929	.799
MINIMUM X	:	-1.218	-1.035	-1.061
MAXIMUM Y	:	1.282	1.362	.902
MINIMUM Y	:	-1.681	-1.601	-1.431
CENTROID X	:	.032	-.151	-.021
CENTROID Y	:	.033	-.047	-.217
POA TO CENTROID in.	:	.046	.158	.218
MIN RADIUS	:	.264	.304	.383
MEAN RADIUS	:	1.025	.939	.849
MAX RADIUS	:	1.792	1.739	1.533
HORIZONTAL SPREAD	:	2.859	1.964	1.860
VERTICAL SPREAD	:	2.963	2.963	2.333
EXTREME SPREAD	:	3.423	3.423	2.419
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.680

VS = 3.023

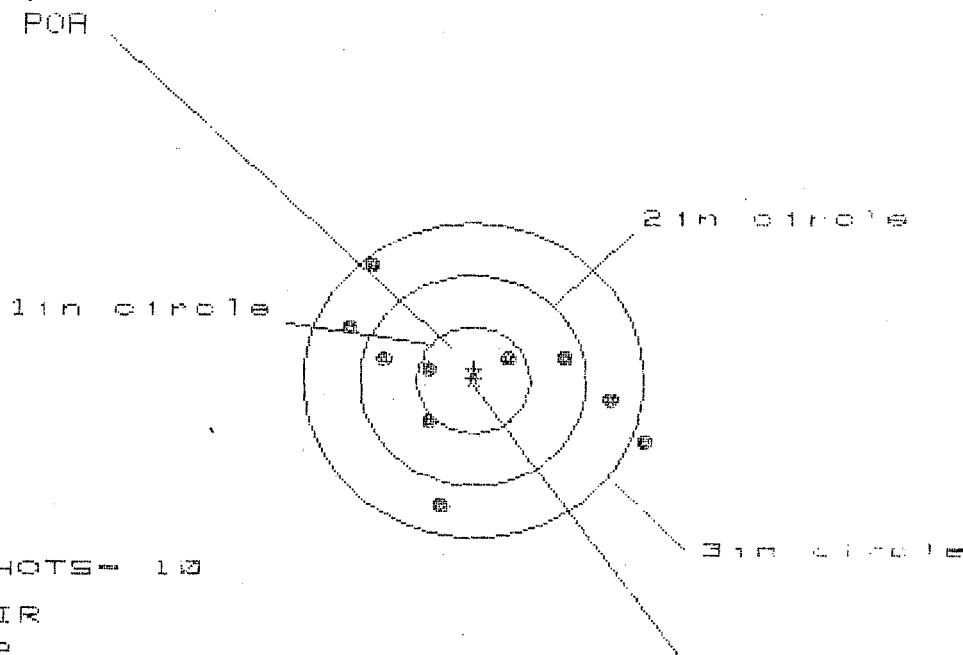
GS = 3.607

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.314
MINIMUM X	:	-1.366
MAXIMUM Y	:	1.163
MINIMUM Y	:	-1.859
CENTROID X	:	.015
CENTROID Y	:	-.171
POA TO CENTROID in.	:	.171
MIN RADIUS	:	.228
MEAN RADIUS	:	1.005
MAX RADIUS	:	2.186
HORIZONTAL SPREAD	:	2.680
VERTICAL SPREAD	:	3.023
EXTREME SPREAD	:	3.607
NUMBER IN ONE INCH CIRCLE =	:	3
NUMBER IN TWO INCH CIRCLE =	:	5
NUMBER IN THREE INCH CIRCLE =	:	9

6 Dec 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.643

VS = 2.258

GS = 2.940

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.533
MINIMUM X	-1.110
MAXIMUM Y	1.074
MINIMUM Y	-1.184
CENTROID X	-.007
CENTROID Y	-.108
POA TO CENTROID in.	.109
MIN RADIUS	.373
MEAN RADIUS	.964
MAX RADIUS	1.629
HORIZONTAL SPREAD	2.643
VERTICAL SPREAD	2.258
EXTREME SPREAD	2.940
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9