

FORM

UPC



0 47700 25716 7

06665981

CAPACITY
INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.

C6665981

ORDER NO.

5716

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

20



5716 C6665981

ORDER 5716

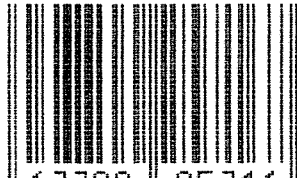
MODEL 700 TM M24

UPC

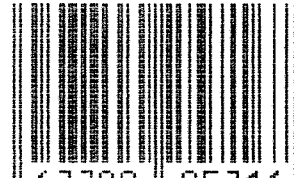
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665981

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	CB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)		10-14-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KH
	C) Inspect Ejector Hole for Chamfer		10/16/91	KH
	D) Oil Firing Pin Ass'y		10/16/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/17/91	SH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6 1/4	10-18-91	DH
	G) Safety Off Force	2	2 1/4	2 1/2	10-18-91	DH
	H) Trigger Pull Test & Retainability				10/17/91	JL
	I) Firing Pin Indent	1020	1022	1020	10-18-91	DH
	J) Assemble Stock				10/18/91	KL
	K) Assemble Swivel Studs				10-22-91	AC
	L) Attach Front and Rear Sight Assemblies				10/18/91	KL
	M) Iron Sight Alignment				10/18/91	KL
	N) Detach Front & Rear Sights & place in numbered container				10/18/91	KL
	O) Attach Scope to Rifle				10/18/91	KL
	P) Detach & Attach Scope 20 Times				10/18/91	KL
640	Gallery Target & Test				10/21/91	Kf
	A) Time				"	KT
	B) Malfunctions				"	KT
	C) Pierced Primers				"	KT
	D) Optical Clarity of Scope				"	KT
645	Inspect for Live Ammo				10/21/91	KT
655	Final Inspection					
	A) Headspace				10-22-91	AC
	B) Trigger Pull	272	277	278	10-22-91	DH
	C) Function				10-22-91	AC
660	Pack				12-17-91	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-6665981
DATE 10-17-91
TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.49	253	277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.60	244	277	
PULL #3	2.51	2.59	258	278	
PULL #4	2.28	2.58	266	277	
PULL #5	2.57	2.55	250	280	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.54		
PULL #2	3.29	3.25		
PULL #3	3.32	3.48		
PULL #4	3.50	3.32		
PULL #5	3.60	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.45		4.37
PULL #2	4.40	4.54		4.49
PULL #3	4.58	4.54		4.49
PULL #4	4.56	4.64		4.41
PULL #5	4.53	4.54		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665981
22 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0980459
1 TO	2	.501028
1 TO	3	.209612
1 TO	4	.267798
1 TO	5	.371442

34
15
4
X----POB

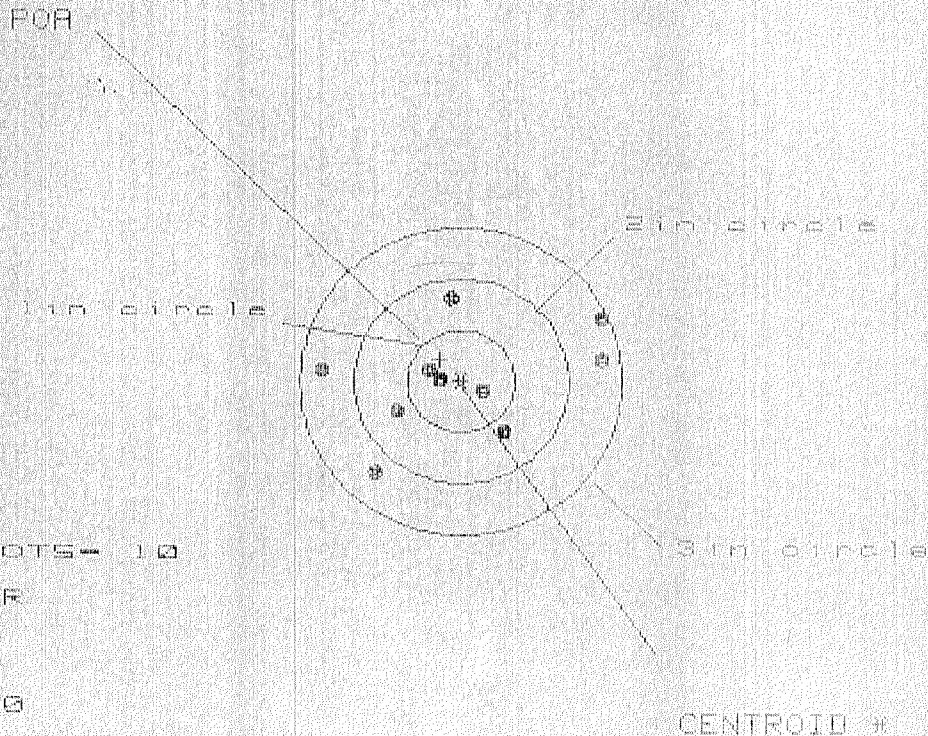
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0228
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .221974

THE AMP FOR THIS RIFLE IS: .9386

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C666598J

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.609

VS = 1.702

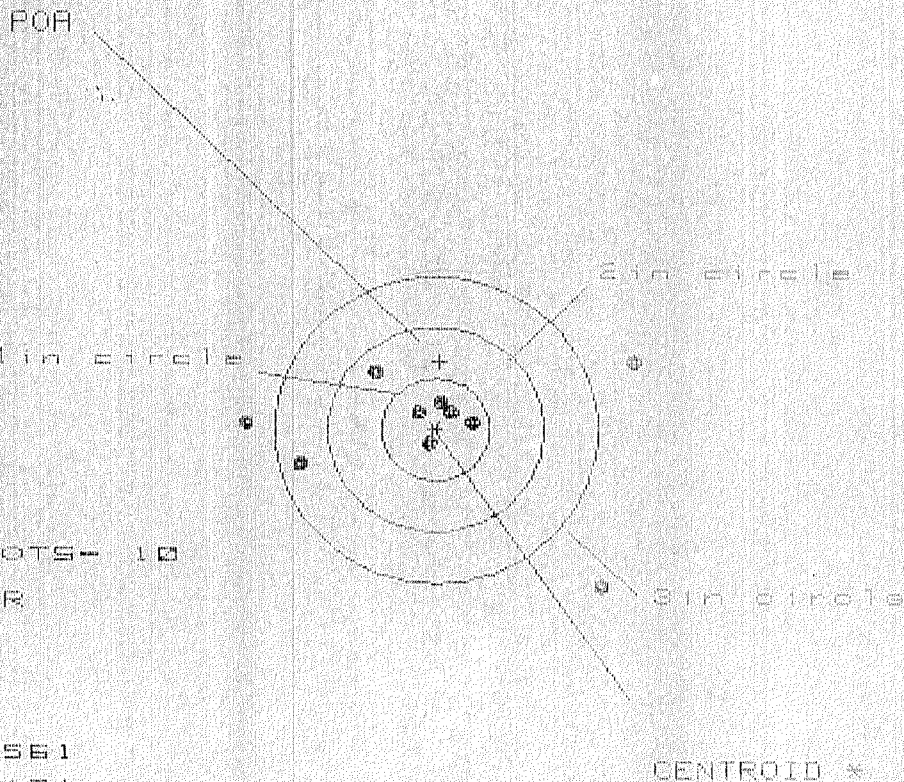
GS = 2.609

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.342	1.482	.776
MINIMUM X	:	-1.267	-1.127	-.942
MAXIMUM Y	:	.776	.840	.863
MINIMUM Y	:	-.926	-.862	-.833
CENTROID X	:	.197	.057	-.128
CENTROID Y	:	-.215	-.279	-.308
POA TO CENTROID in.	:	.292	.285	.334
MIN RADIUS	:	.195	.083	.145
MEAN RADIUS	:	.807	.720	.619
MAX RADIUS	:	1.388	1.500	.967
HORIZONTAL SPREAD	:	2.609	2.609	1.718
VERTICAL SPREAD	:	1.702	1.702	1.702
EXTREME SPREAD	:	2.609	2.609	1.835
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

21 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 6

3 in = 7

HS= 3.561

VS= 2.171

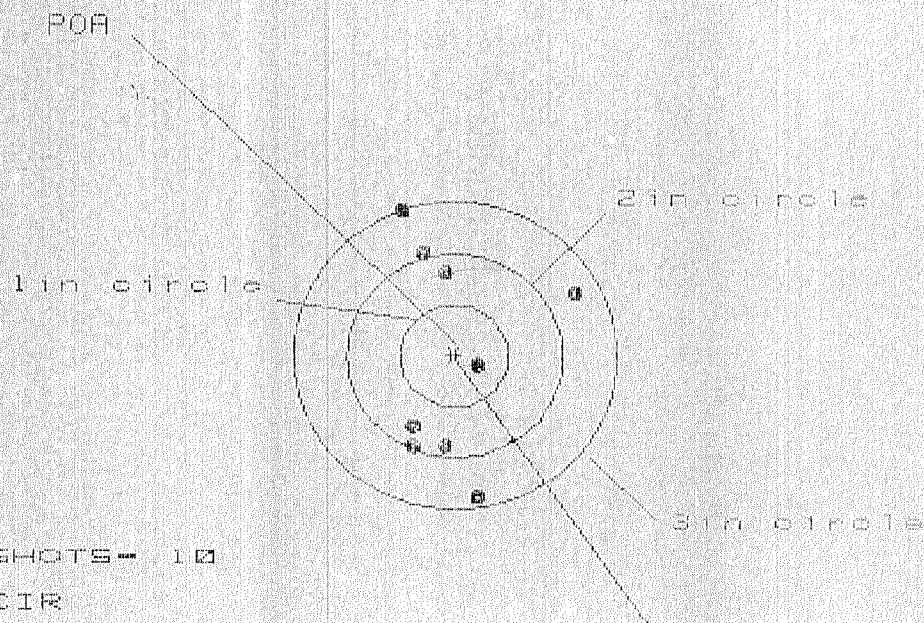
GS= 3.665

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.805	1.974	.715
MINIMUM X	:	-1.756	-1.587	-1.340
MAXIMUM Y	:	.650	.482	.435
MINIMUM Y	:	-1.520	-.509	-.449
CENTROID X	:	-.038	-.207	-.454
CENTROID Y	:	-.669	-.501	-.561
POA TO CENTROID in.	:	.671	.542	.721
MIN RADIUS	:	.193	.017	.271
MEAN RADIUS	:	.909	.740	.641
MAX RADIUS	:	2.153	2.032	1.340
HORIZONTAL SPREAD	:	3.561	3.561	2.055
VERTICAL SPREAD	:	2.171	.991	.884
EXTREME SPREAD	:	3.665	3.601	2.055
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			7	

21 Oct 1981

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.575

VS= 2.888

GS= 2.971

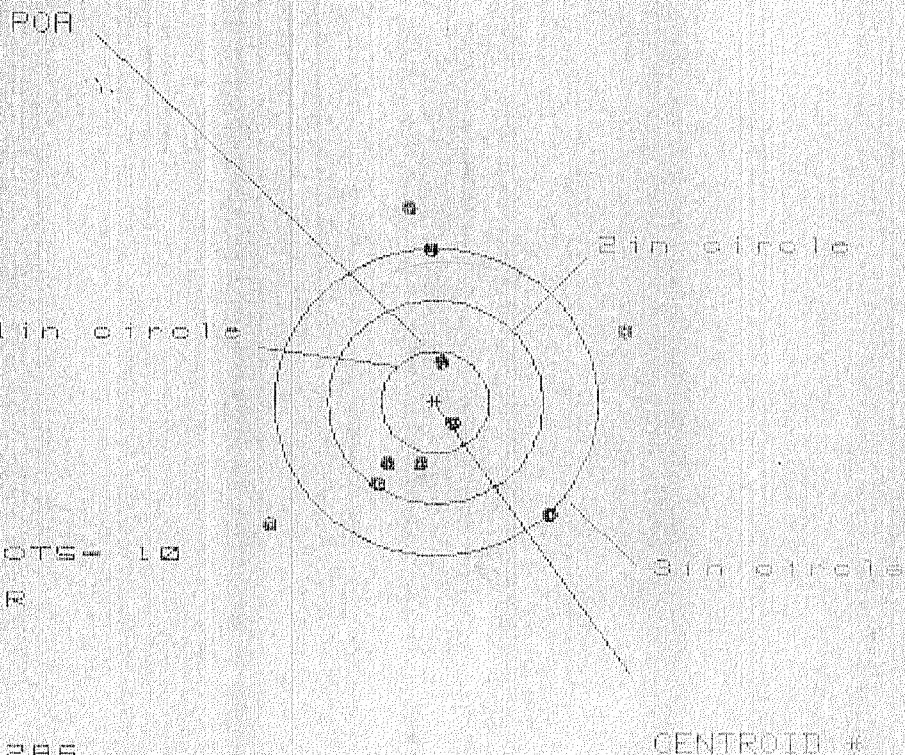
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.063	1.006	1.022
MINIMUM X	:	-.512	-.432	-.416
MAXIMUM Y	:	1.465	1.225	1.068
MINIMUM Y	:	-1.423	-1.260	-.861
CENTROID X	:	-.212	-.155	-.171
CENTROID Y	:	.082	-.081	.076
POA TO CENTROID in.	:	.227	.175	.187
MIN RADIUS	:	.234	.184	.194
MEAN RADIUS	:	.917	.817	.766
MAX RADIUS	:	1.552	1.278	1.261
HORIZONTAL SPREAD	:	1.575	1.438	1.438
VERTICAL SPREAD	:	2.888	2.485	1.929
EXTREME SPREAD	:	2.971	2.532	2.061
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

21 Oct 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 5

HS= 3.286

VS= 3.120

GS= 3.824

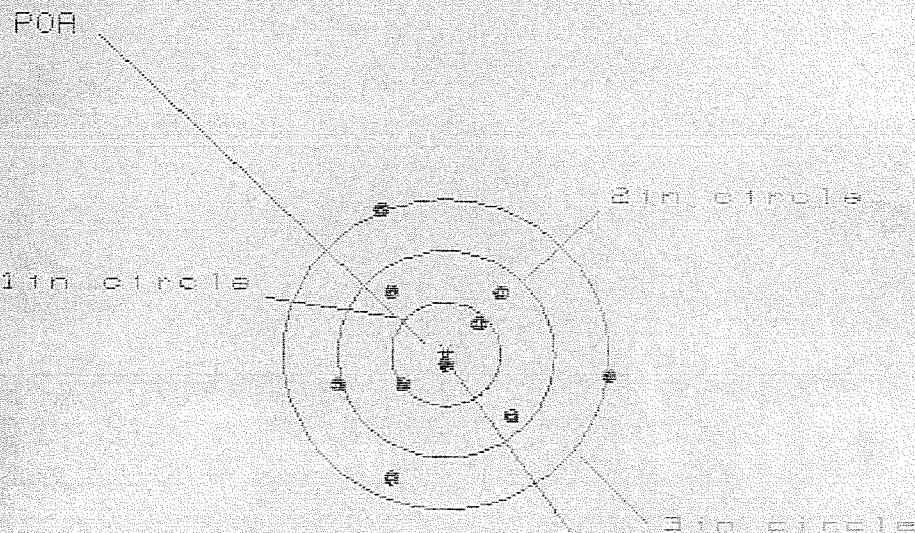
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.763	1.594	1.538
MINIMUM X	:	-1.523	-.679	-.735
MAXIMUM Y	:	1.908	1.773	1.605
MINIMUM Y	:	-1.212	-1.185	-.963
CENTROID X	:	-.058	.111	.167
CENTROID Y	:	-.400	-.265	-.487
POA TO CENTROID in.	:	.404	.288	.515
MIN RADIUS	:	.239	.264	.171
MEAN RADIUS	:	1.178	1.113	.985
MAX RADIUS	:	1.946	1.828	1.748
HORIZONTAL SPREAD	:	3.286	2.273	2.273
VERTICAL SPREAD	:	3.120	2.958	2.568
EXTREME SPREAD	:	3.824	3.255	2.814
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		5	

MAX RADIUS :	1.490	1.409	1.125
HORIZONTAL SPREAD :	2.505	1.649	1.649
VERTICAL SPREAD :	2.566	2.566	1.780
EXTREME SPREAD :	2.597	2.568	2.635
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

21 Oct 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.505

VS= 2.566

GS= 2.597

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.477	.785	.731
MINIMUM X	:	-1.028	-.864	-.910
MAXIMUM Y	:	1.361	1.340	.721
MINIMUM Y	:	-1.205	-1.226	-1.059
CENTROID X	:	-.003	-.167	-.113
CENTROID Y	:	.098	.119	-.048
POA TO CENTROID in.	:	.098	.206	.122
MIN RADIUS	:	.134	.229	.114
MEAN RADIUS	:	.082	.015	.719