

FROM

UPC



0 42700 25716 7

C6665821

ISSUED IN UTAH

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

41001 J1000 2 0000000000

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665821

ORDER NO.

5716

20

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



5716 C6665821

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26665821

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
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		10/13/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	TH
	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	GH

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	4	4	14			12-5-91	SH
	H) Trigger Pull Test & Retainability						12-5-91	SH
	I) Firing Pin Indent	.026	.022	.022			12-5-91	SH
	J) Assemble Stock						12-5-91	SH
	K) Assemble Swivel Studs						12-9-91	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						12-5-91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12-5-91	KT
655	Final Inspection							
	A) Headspace						12-9-91	AC
	B) Trigger Pull	250	255	255	255	256	12-7-91	SH
	C) Function						12-9-91	AC
660	Pack						12-17-91	V

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665821
DATE 12-5-91
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.37	2.40	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.37	2.39	2.55	
PULL #3	2.36	2.41	2.46	2.55	
PULL #4	2.32	2.38	2.44	2.55	
PULL #5	2.38	2.33	2.35	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.56		
PULL #2	3.66	3.60		
PULL #3	3.62	3.61		
PULL #4	3.61	3.57		
PULL #5	3.57	3.51		
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	4.44		4.50
PULL #2	4.40	4.34		4.49
PULL #3	4.37	4.43		4.47
PULL #4	4.36	4.37		4.48
PULL #5	4.49	4.45		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665821
6 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.141326
1 TO	2	.560261
1 TO	3	.225539
1 TO	4	.280273
1 TO	5	.243633

49₂ <----POA

POA X-COORDINATE FOR THIS RIFLE IS: .043
POA Y-COORDINATE FOR THIS RIFLE IS: -.0352
AVERAGE POI RADIUS FOR THIS RIFLE IS: .0555701

THIS RIFLE IS: 1.019

031

FILE:/PATTERNING/CENTERFIRE_PATT/ CB665821

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS-- 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.343

VS= 2.760

GS= 2.780

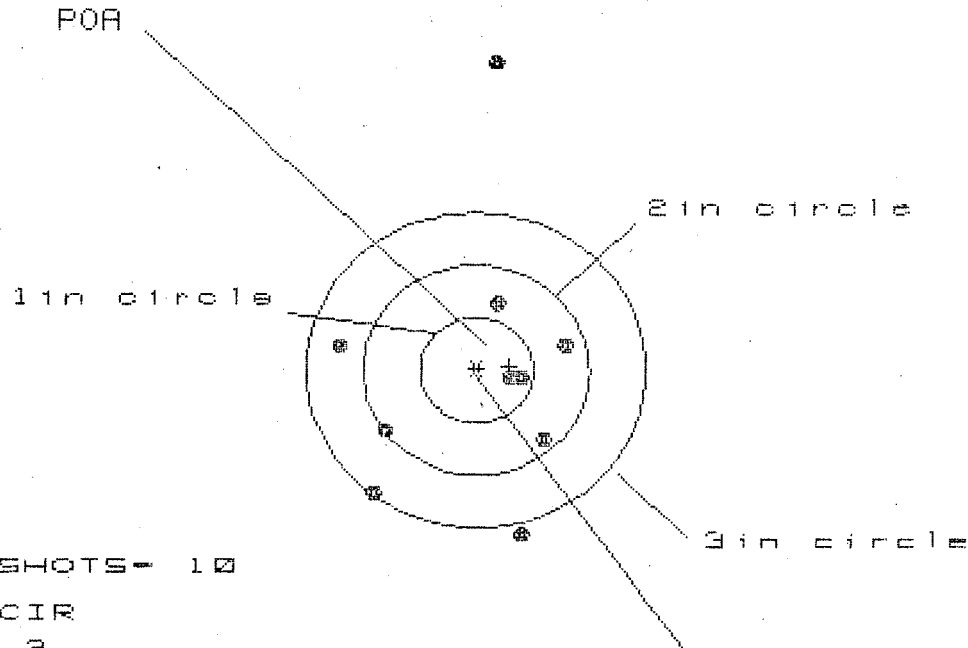
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.034	1.046	.883
MINIMUM X	:	-1.309	-1.297	-1.238
MAXIMUM Y	:	1.571	.965	1.019
MINIMUM Y	:	-1.189	-1.014	-.960
CENTROID X	:	.029	.017	.180
CENTROID Y	:	-.099	-.274	-.328
H 10 (CENTROID in.)	:	.103	.274	.374
H 9 (CENTROID in.)	:	.221	.214	.127
H 8 (CENTROID in.)	:	.919	.815	.732
SPREAD	:	1.575	1.423	1.349
SPREAD SPREAD	:	2.343	2.343	2.121
SPREAD SPREAD	:	2.760	1.979	1.979
SPREAD SPREAD	:	2.780	2.402	2.261
SPREAD INCH CIRCLE	=	3		
SPREAD INCH CIRCLE	=	4		
SPREAD INCH CIRCLE	=	9		

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/ C6665821

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.910

VS= 4.473

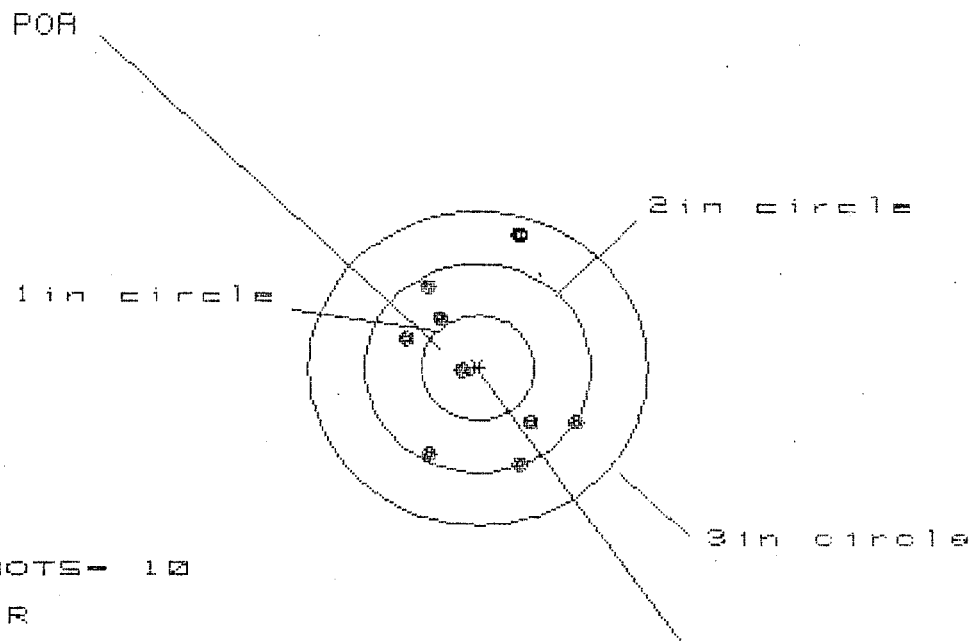
GS= 4.479

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.741	.763	.819
MINIMUM X	:	-1.169	-1.147	-1.091
MAXIMUM Y	:	2.908	.989	.833
MINIMUM Y	:	-1.566	-1.242	-.972
CENTROID X	:	-.290	-.312	-.368
CENTROID Y	:	-.036	-.360	-.204
POA TO CENTROID in.	:	.292	.476	.421
MIN RADIUS	:	.308	.418	.395
MEAN RADIUS	:	1.127	.914	.851
MAX RADIUS	:	2.914	1.319	1.282
HORIZONTAL SPREAD	:	1.910	1.910	1.910
VERTICAL SPREAD	:	4.473	2.231	1.805
EXTREME SPREAD	:	4.479	2.414	2.149
COUNT IN ONE INCH CIRCLE	=		2	
COUNT IN TWO INCH CIRCLE	=		6	
COUNT IN THREE INCH CIRCLE	=		8	

5 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.511

VS= 2.196

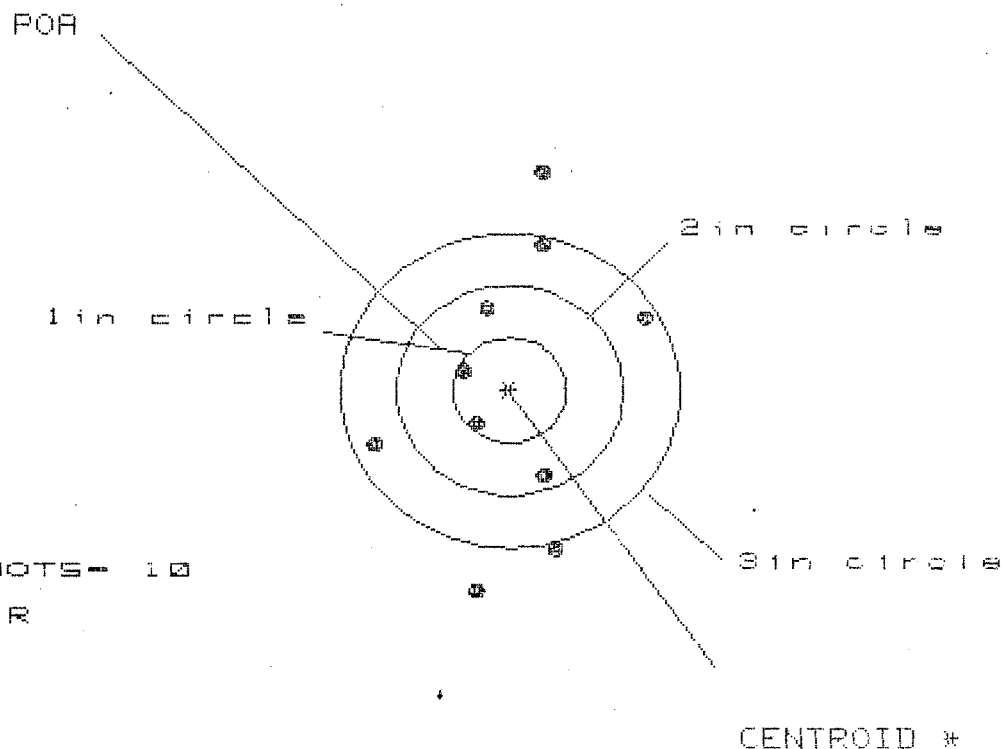
GS= 2.210

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.885	.940
MINIMUM X	-.665	-.626	-.572
MAXIMUM Y	1.247	.902	.801
MINIMUM Y	-.949	-.810	-.792
CENTROID X	.136	.097	.042
CENTROID Y	.019	-.120	-.019
POA TO CENTROID in.	.137	.154	.046
MIN RADIUS	.148	.137	.064
MEAN RADIUS	.745	.674	.613
MAX RADIUS	1.295	.966	1.038
HORIZONTAL SPREAD	1.511	1.511	1.511
VERTICAL SPREAD	2.196	1.712	1.593
EXTREME SPREAD	2.210	1.883	1.749
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

5 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

IS= 2.389

VS= 4.004

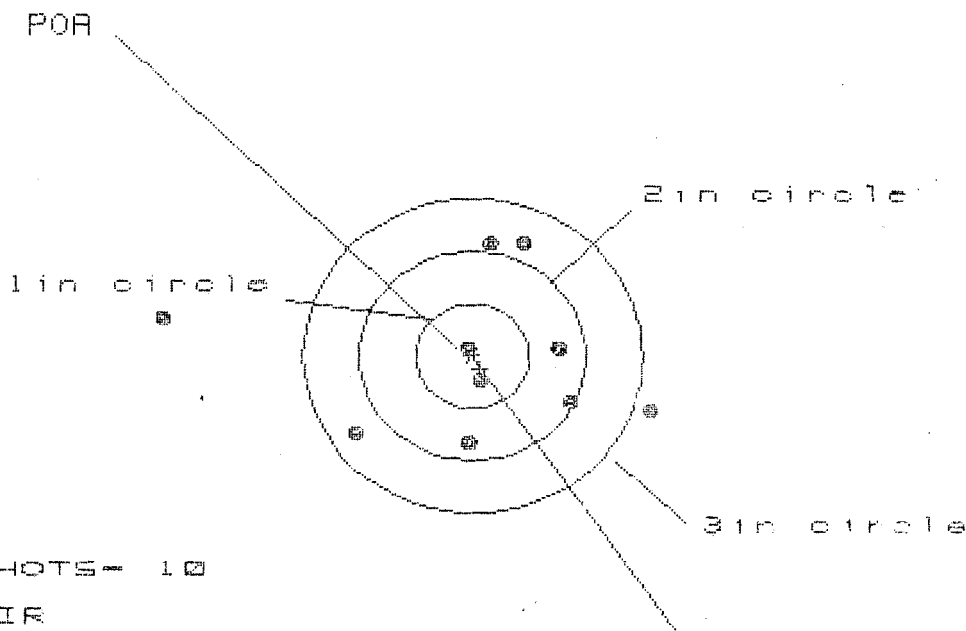
GS= 4.047

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.205	1.170
MINIMUM X	:	-1.216	-1.184	-1.219
MAXIMUM Y	:	2.102	1.658	1.449
MINIMUM Y	:	-1.902	-1.668	-1.453
CENTROID X	:	.402	.371	.406
CENTROID Y	:	-.187	-.421	-.212
POA TO CENTROID in.	:	.444	.561	.458
1IN RADIUS	:	.421	.258	.421
MEAN RADIUS	:	1.229	1.104	1.030
RA RADIUS	:	2.121	1.691	1.496
HORIZONTAL SPREAD	:	2.389	2.389	2.389
VERTICAL SPREAD	:	4.004	3.326	2.902
EXTREME SPREAD	:	4.047	3.380	2.903
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

6 Oct 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

AS = 4.200

VS = 1.966

GS = 4.302

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.512	1.213	1.739
MINIMUM X	:	-2.688	-1.314	-1.162
MAXIMUM Y	:	1.109	1.153	1.092
MINIMUM Y	:	-.857	-.813	-.874
CENTROID X	:	-.062	.237	.085
CENTROID Y	:	.127	.083	.144
OA TO CENTROID in.	:	.141	.251	.167
1 in. RADIUS	:	.092	.293	.223
2 in. RADIUS	:	1.076	.071	.803
3 in. RADIUS	:	2.718	1.469	1.367
HORIZONTAL SPREAD	:	4.200	2.527	1.901
VERTICAL SPREAD	:	1.966	1.966	1.906
TREME SPREAD	:	4.302	2.533	2.042
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		