

06648959

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

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

REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6648959

ORDER NO.
5716

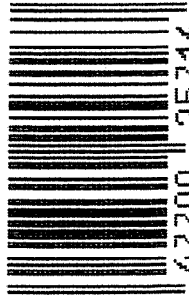
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø6



5716 C6648959

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6648959

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KH
600	Proof		7/24/91	KH
607	Check Headspace		7/24/91	KH
610	Dis-assemble Gun		7/24/91	KH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	G-8
617	Drill and Tap Sight Holes		AUG 7 1991	G-8
618	Polish Barrel		AUG 1 1991	WB
620	Apply Coatings (Barrel Action)		8/27-91	SA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KH
	C) Inspect Ejector Hole for Chamfer		9/4/91	KH
	D) Oil Firing Pin Ass'y		9/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/91	GH

op. #	BARBER M24 0030005	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/9/91	XL
	G) Safety Off Force	4	4	4			9/9/91	XL
	H) Trigger Pull Test & Retainability						9/9/91	XL
	I) Firing Pin Indent	1021	10205	10205			9/9/91	XL
	J) Assemble Stock						9/10/91	XL
	K) Assemble Swivel Studs						9-13-91	D/H
	L) Attach Front and Rear Sight Assemblies						9/10/91	XL
	M) Iron Sight Alignment						9/10/91	XL
	N) Detach Front & Rear Sights & place in numbered container						9/10/91	XL
	O) Attach Scope to Rifle						9/10/91	XL
	P) Detach & Attach Scope 20 Times						9/10/91	XL
640	Gallery Target & Test						9-11-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-11-91	NF
655	Final Inspection							
	A) Headspace						9-13-91	D/H
	B) Trigger Pull	249	243	244	239	239	9-12-91	XL
	C) Function						9-13-91	D/H
660	Pack						9-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 26648959DATE 9-9-91TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.35	2.53	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.39	2.51	2.43	
PULL #3	2.55	2.38	2.44	2.44	
PULL #4	2.58	2.41	2.48	2.39	
PULL #5	2.34	2.42	2.50	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.56		
PULL #2	3.49	3.50		
PULL #3	3.51	3.49		
PULL #4	3.43	3.60		
PULL #5	3.35	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.58		4.58
PULL #2	4.28	4.43		4.54
PULL #3	4.40	4.43		4.63
PULL #4	4.32	4.51		4.53
PULL #5	4.32	4.53		4.65
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648959
12 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.0796241
1 TO	2	.101833
1 TO	3	.237428
1 TO	4	.206814
1 TO	5	.117137

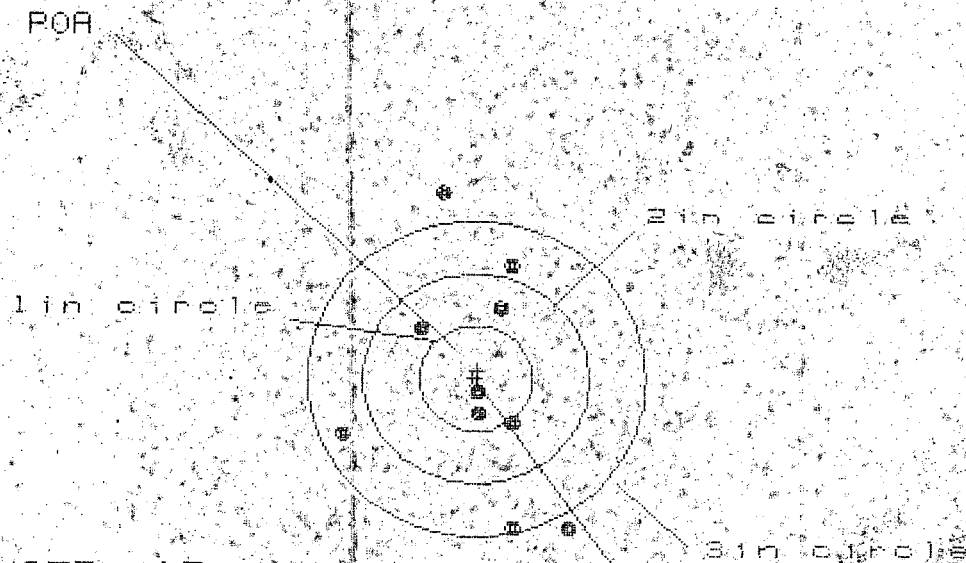
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1354
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145042

THE AMP FOR THIS RIFLE IS: .9928

C6648959

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.955

VS= 3.183

GS= 3.360

PATTERN #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.800	.774	.392
MINIMUM X	-1.147	-1.181	-1.065
MAXIMUM Y	1.781	1.279	1.130
MINIMUM Y	-1.402	-1.204	-1.353
CENTROID X	-.016	.018	-.078
CENTROID Y	-.078	-.276	-.127
POA TO CENTROID in.	.079	.276	.149
MIN RADIUS	.092	.105	.109
MEAN RADIUS	.954	.838	.766
MAX RADIUS	1.808	1.418	1.403
HORIZONTAL SPREAD	1.955	1.955	1.477
VERTICAL SPREAD	3.183	2.483	2.483
EXTREME SPREAD	3.360	2.517	2.483
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.622

VS = 2.758

GS = 2.853

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .945 .969 .640

MINIMUM X : -.677 -.653 -.532

MAXIMUM Y : 1.683 1.231 1.120

MINIMUM Y : -1.075 -.888 -.684

CENTROID X : -.113 -.137 -.258

CENTROID Y : -.109 -.296 -.185

POA TO CENTROID in. : .158 .326 .318

MIN RADIUS : .308 .160 .324

MEAN RADIUS : .876 .751 .681

MAX RADIUS : 1.697 1.314 1.189

HORIZONTAL SPREAD : 1.622 1.622 1.172

VERTICAL SPREAD : 2.758 2.119 1.804

EXTREME SPREAD : 2.853 2.229 1.991

NUMBER IN ONE INCH CIRCLE = 1

NUMBER IN TWO INCH CIRCLE = 7

NUMBER IN THREE INCH CIRCLE = 9

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 2.768

VS = 2.707

GS = 3.317

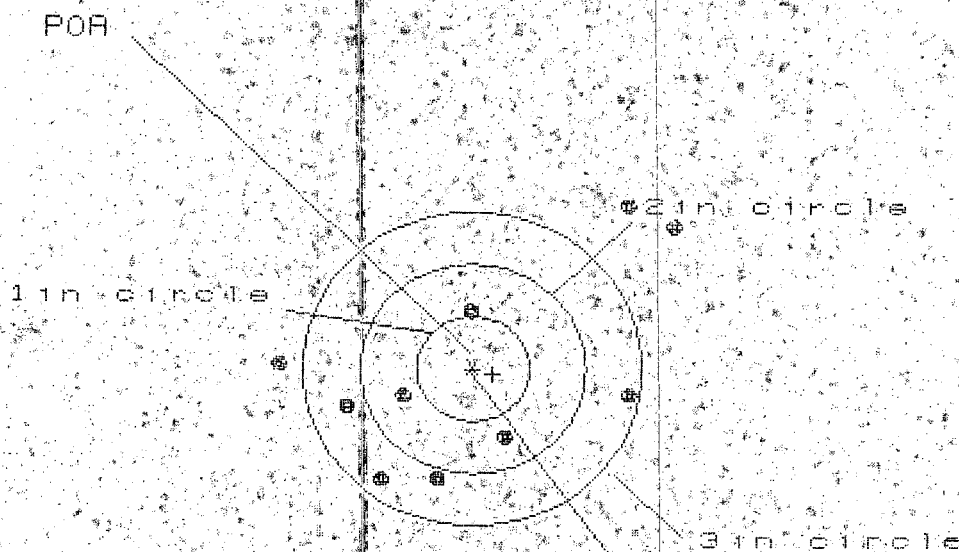
CENTROID *

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	.943	.676
MINIMUM X	-1.642	-.974	-.856
MAXIMUM Y	1.423	1.339	1.168
MINIMUM Y	-1.284	-1.368	-1.092
CENTROID X	-.252	-.069	-.187
CENTROID Y	-.104	-.020	.151
POA TO CENTROID in.	.272	.072	.241
MIN RADIUS	.258	.203	.005
MEAN RADIUS	1.036	.939	.811
MAX RADIUS	1.807	1.662	1.448
HORIZONTAL SPREAD	2.768	1.917	1.532
VERTICAL SPREAD	2.707	2.707	2.260
EXTREME SPREAD	3.317	3.317	2.730
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.459

VS= 2.644

GS= 3.679

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

MAXIMUM X	1.736	1.551	1.736
MINIMUM X	-1.722	-1.530	-1.336
MAXIMUM Y	1.586	1.735	.893
MINIMUM Y	-1.058	-.909	-.692
CENTROID X	-.180	-.372	-.566
CENTROID Y	.048	-.101	-.318
POA TO CENTROID in.	.186	.386	.649
MIN RADIUS	.530	.463	.277
MEAN RADIUS	1.287	1.131	.913
MAX RADIUS	2.191	2.327	1.743
HORIZONTAL SPREAD	3.459	3.081	3.072
VERTICAL SPREAD	2.644	2.644	1.585
EXTREME SPREAD	3.679	3.428	3.086
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	7	

