

C6648969

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

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

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

REMINGTON-UMC
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6648969

ORDER NO.
5716

Ø6

UPC

0 47700 25716 7

5716 C6648969

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CG648969

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 91		RW
600	Proof	7 2 91		RW
607	Check Headspace	2 91		RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-22-91	TA
	Apply Coating (Bolt)			TD
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	RW
	C) Inspect Ejector Hole for Chamfer		8/29/91	RW
	D) Oil Firing Pin Ass'y		8/29/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/9/91	SH

op. #	BARBER M24 0030116	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 ³ / ₄	4 ¹ / ₄	4 ¹ / ₄			9-9-91	DH
	G) Safety Off Force	3	3	3			9-9-91	DH
	H) Trigger Pull Test & Retainability						9/9/91	JH
	I) Firing Pin Indent	.022	.021	.020			9-9-91	DH
	J) Assemble Stock						9/12/91	RW
	K) Assemble Swivel Studs						9/13/91	
	L) Attach Front and Rear Sight Assemblies						9/12/91	RW
	M) Iron Sight Alignment						9/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/12/91	RW
	O) Attach Scope to Rifle						9/12/91	RW
	P) Detach & Attach Scope 20 Times						9/12/91	RW
640	Gallery Target & Test						9-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-12-91	NF
655	Final Inspection							
	A) Headspace						9/13/91	
	B) Trigger Pull	2.17	2.21	2.40	2.34	2.18	9/13/91	JH
	C) Function						9/13/91	JH
660	Pack						9-18-91	NF

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

SERIAL NO. 06648969DATE 9-9-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.29	2.45	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.40	2.50	2.21	
PULL #3	2.33	2.36	2.44	2.40	
PULL #4	2.41	2.40	2.39	2.34	
PULL #5	2.40	2.39	2.36	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.55		
PULL #2	3.50	3.66		
PULL #3	3.46	3.56		
PULL #4	3.52	3.60		
PULL #5	3.53	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.20		4.49
PULL #2	4.39	4.24		4.49
PULL #3	4.46	4.24		4.34
PULL #4	4.44	4.38		4.53
PULL #5	4.45	4.43		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06648969
13 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.1113146
1 TO	2	.215523
1 TO	3	.373353
1 TO	4	.0743303
1 TO	5	.404358

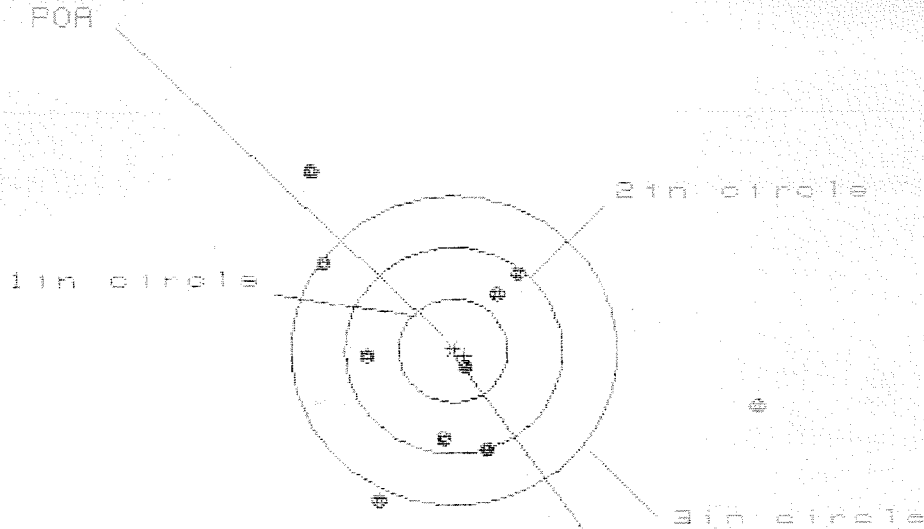
5
E5 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0974
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0350131
THE AMP FOR THIS RIFLE IS: 1.122

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646963

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 4.084

VS= 3.168

GS= 4.688

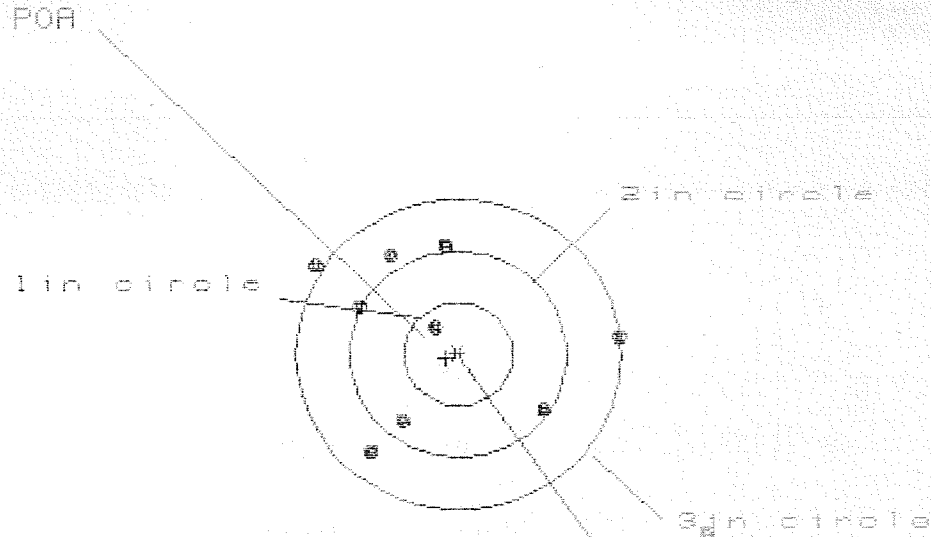
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.785	.925	.900
MINIMUM X	-1.309	-.999	-.989
MAXIMUM Y	1.751	1.692	.979
MINIMUM Y	-1.417	-1.476	-1.265
CENTROID X	-.101	-.411	-.286
CENTROID Y	.051	.110	-.101
POA TO CENTROID in.	.113	.425	.303
MIN RADIUS	.144	.430	.269
MEAN RADIUS	1.244	1.069	.917
MAX RADIUS	2.836	1.965	1.392
HORIZONTAL SPREAD	4.084	1.924	1.789
VERTICAL SPREAD	3.168	3.168	2.244
EXTREME SPREAD	4.688	3.221	2.565
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 7		

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FILE:/PATTERNING/CENTERFIRE_PATT/CG646969

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 3.505

VS = 2.824

CS = 4.418

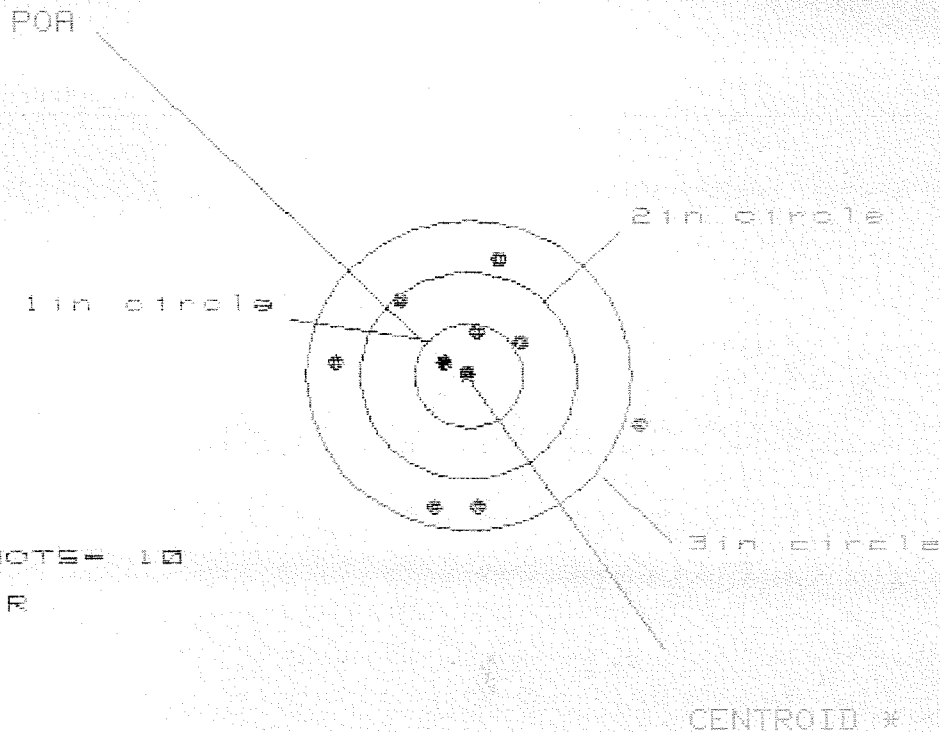
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.273	1.750	1.615
MINIMUM X	-1.303	-1.061	-0.833
MAXIMUM Y	1.100	.988	.988
MINIMUM Y	-1.724	-1.090	-1.010
CENTROID X	.114	-.138	-.003
CENTROID Y	.036	.228	.148
POA TO CENTROID in.	.128	.267	.148
MIN RADIUS	.350	.118	.195
MEAN RADIUS	1.250	.994	.976
MAX RADIUS	2.853	1.752	1.615
HORIZONTAL SPREAD	3.606	2.831	2.448
VERTICAL SPREAD	2.824	1.998	1.998
EXTREME SPREAD	4.418	2.918	2.482
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.747

VS= 2.372

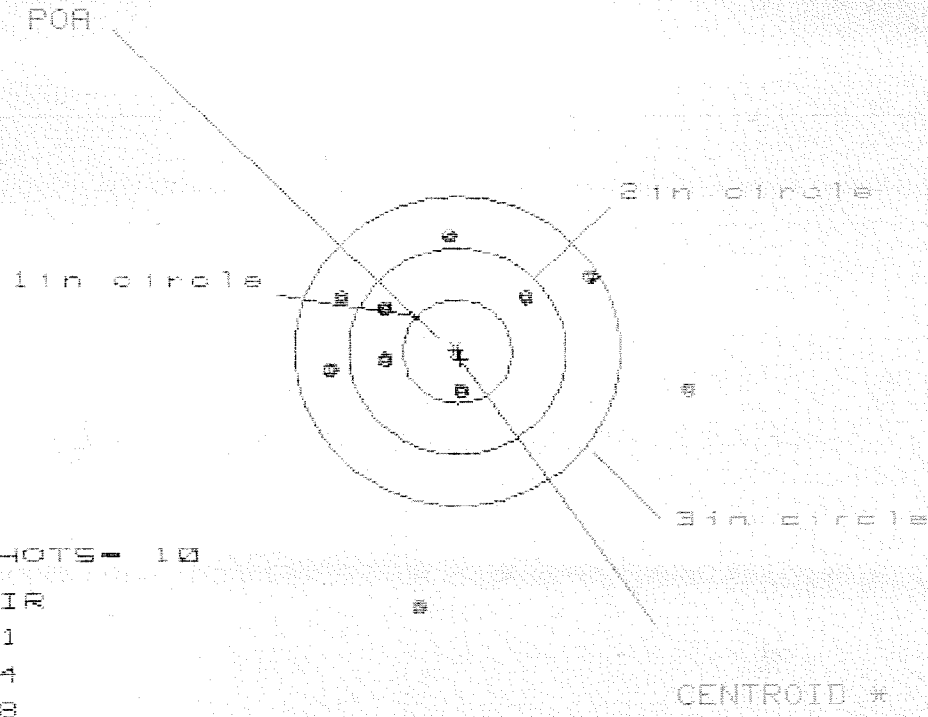
GS= 2.817

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.553	.611	.589
MINIMUM X	-1.194	-1.021	-1.043
MAXIMUM Y	1.122	1.072	.909
MINIMUM Y	-1.250	-1.300	-1.436
CENTROID X	.225	.052	.074
CENTROID Y	-.131	-.081	.082
POA TO CENTROID in.	.260	.096	.110
MIN RADIUS	.019	.077	.151
MEAN RADIUS	.878	.784	.697
MAX RADIUS	1.619	1.312	1.447
HORIZONTAL SPREAD	2.747	1.632	1.632
VERTICAL SPREAD	2.372	2.372	2.345
EXTREME SPREAD	2.817	2.462	2.362
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 4

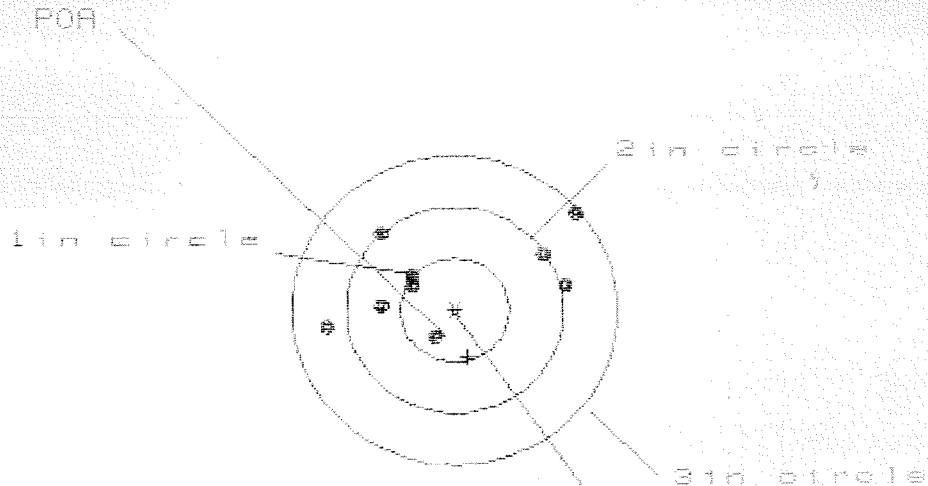


PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.136	2.090	1.429
MINIMUM X	-1.171	-1.217	-.955
MAXIMUM Y	1.092	.820	.742
MINIMUM Y	-2.449	-.620	-.691
CENTROID X	-.031	.015	-.247
CENTROID Y	.076	.348	.426
POA TO CENTROID in.	.082	.348	.492
MIN RADIUS	.348	.614	.453
MEAN RADIUS	1.219	1.053	.859
MAX RADIUS	2.484	2.180	1.484
HORIZONTAL SPREAD	3.307	3.307	2.384
VERTICAL SPREAD	3.541	1.440	1.433
EXTREME SPREAD	3.591	3.330	2.576
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 2.287

VS= 3.489

GS= 3.544

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.118
MINIMUM X	-1.179
MAXIMUM Y	.920
MINIMUM Y	-2.569
CENTROID X	-.118
CENTROID Y	.455
POA TO CENTROID in.	.470
MIN RADIUS	.298
MEAN RADIUS	1.018
MAX RADIUS	2.617
HORIZONTAL SPREAD	2.297
VERTICAL SPREAD	3.489
EXTREME SPREAD	3.544
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9