

C6648998

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington




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

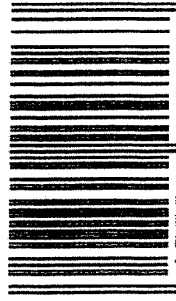
MODEL 700™ H24

SERIAL NO.
C6648998

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6648998

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6648998

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KJ
600	Proof		7/24/91	KJ
607	Check Headspace		7/24/91	KJ
610	Dis-assemble Gun		7/24/91	KJ
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	JS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/5/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/5/91	KJ
	C) Inspect Ejector Hole for Chamfer		9/5/91	KJ
	D) Oil Firing Pin Ass'y		9/5/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		9-6-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/7/91	SH
	G) Safety Off Force	3	3	3			9/7/91	SH
	H) Trigger Pull Test & Retainability						9-6-91	SH
	I) Firing Pin Indent	1021	1021	1021			9/7/91	SH
	J) Assemble Stock						9/9/91	SH
	K) Assemble Swivel Studs						9/12/91	SH
	L) Attach Front and Rear Sight Assemblies						9/9/91	SH
	M) Iron Sight Alignment						9/9/91	SH
	N) Detach Front & Rear Sights & place in numbered container						9/9/91	SH
	O) Attach Scope to Rifle						9/9/91	SH
	P) Detach & Attach Scope 20 Times						9/9/91	SH
640	Gallery Target & Test						9-10-91	VF
	A) Time						"	VF
	B) Malfunctions						"	VF
	C) Pierced Primers						"	VF
	D) Optical Clarity of Scope						"	VF
645	Inspect for Live Ammo						9-10-91	VF
655	Final Inspection							
	A) Headspace						9/12/91	SH
	B) Trigger Pull	2.65	2.64	2.61	2.60	2.56	9/12/91	SH
	C) Function						9/12/91	SH
660	Pack						9-19-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C.6648998

DATE 9-6-91

TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.44	2.58	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.65	2.52	2.64	
PULL #3	2.63	2.61	2.50	2.61	
PULL #4	2.59	2.56	2.53	2.68	
PULL #5	2.55	2.54	2.50	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.26		
PULL #2	3.28	3.18		
PULL #3	3.29	3.27		
PULL #4	3.26	3.24		
PULL #5	3.26	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.31		4.29
PULL #2	4.28	4.28		4.19
PULL #3	4.25	4.26		4.25
PULL #4	4.29	4.32		4.22
PULL #5	4.32	4.33		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648998
11 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.179075
1 TO	2	.0954254
1 TO	3	.2064
1 TO	4	.594613
1 TO	5	.217366

4.5 (----POA

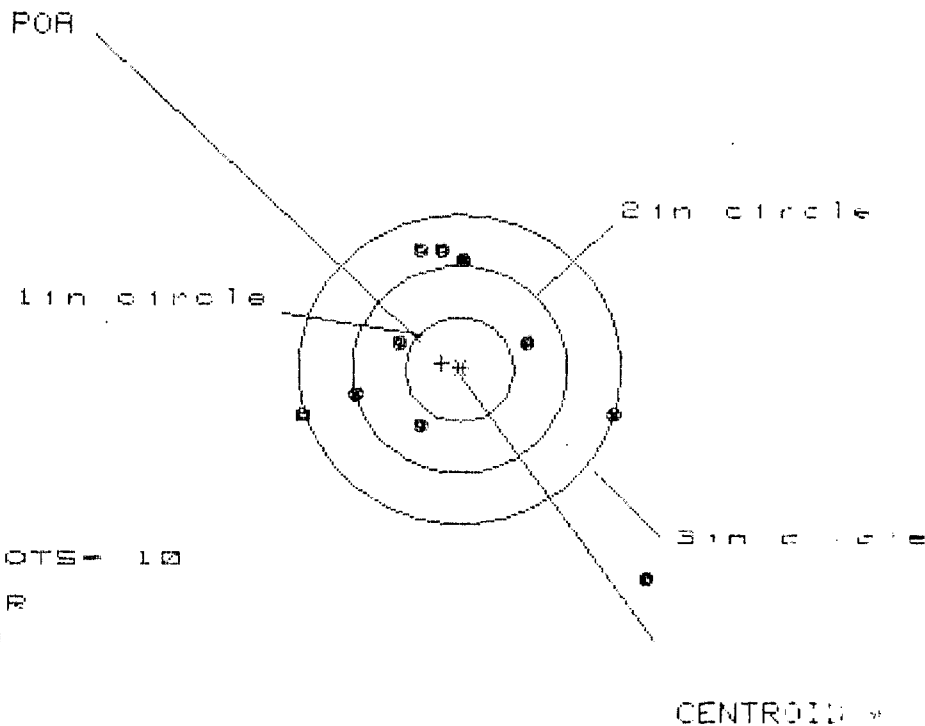
BASE POI COORDINATE FOR THIS RIFLE IS: -.007
X COORDINATE FOR THIS RIFLE IS: -.0314
1ST AVERAGE POI RADIUS FOR THIS RIFLE IS: .0485
2ND AVERAGE POI RADIUS FOR THIS RIFLE IS: .0772

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CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 3.184

VS = 3.191

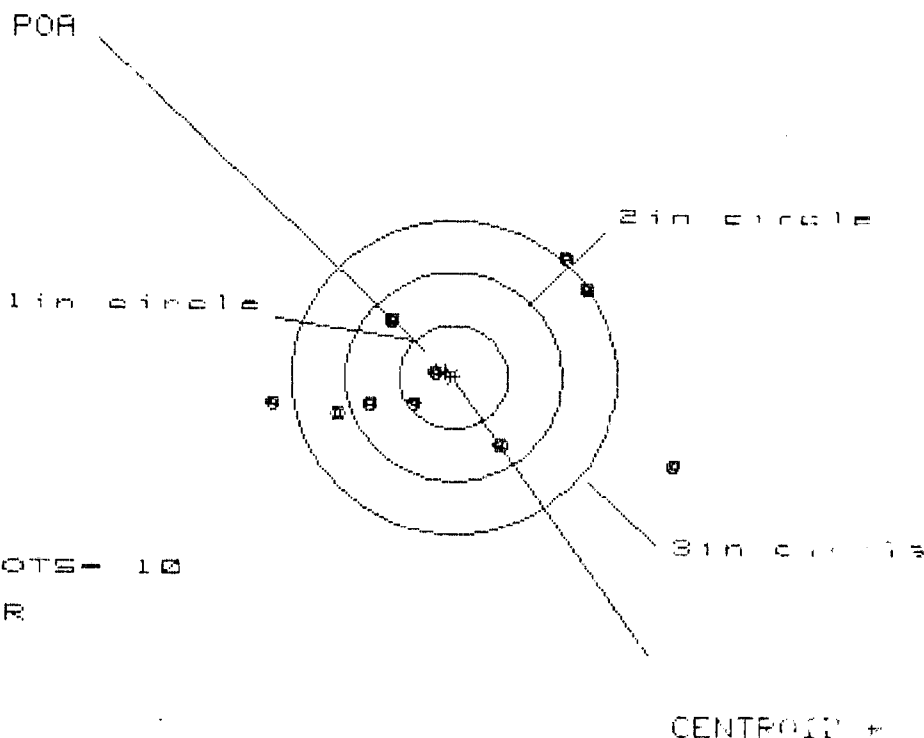
GS = 3.798

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.762	1.662	1.007
MINIMUM X	:	-1.422	-1.226	-1.018
MAXIMUM Y	:	1.182	.959	.872
MINIMUM Y	:	-2.009	-.801	-.858
CENTROID X	:	.168	-.028	-.236
CENTROID Y	:	-.062	.161	.248
OFF TO CENTROID in.	:	.179	.164	.342
1IN RADIUS	:	.583	.346	.168
2IN RADIUS	:	1.209	.985	.846
3IN RADIUS	:	2.672	1.801	1.276
1IN CIRCUMFERENCE	:	3.184	2.888	2.025
2IN CIRCUMFERENCE	:	3.191	1.760	1.760
3IN CIRCUMFERENCE	:	3.798	2.888	2.139
SHOTS IN ONE INCH CIRCLE	=		0	
SHOTS IN TWO INCH CIRCLE	=		3	
SHOTS IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.681

VS= 1.938

GS= 3.716

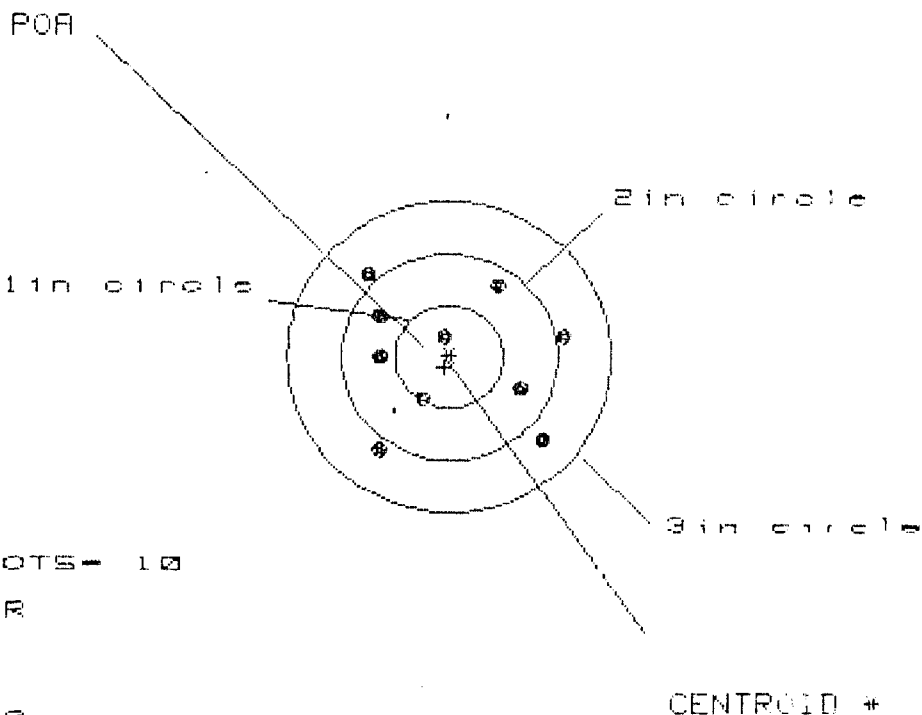
CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.991	1.483	1.300
MINIMUM X	:	-1.690	-1.469	-1.084
MAXIMUM Y	:	1.133	1.044	.996
MINIMUM Y	:	-.805	-.744	-.792
CENTROID X	:	.073	-.148	.035
CENTROID Y	:	-.053	.036	.034
POA TO CENTROID in.	:	.090	.153	.091
MIN RADIUS	:	.228	.034	.201
MEAN RADIUS	:	1.113	.935	.905
MAX RADIUS	:	2.148	1.649	1.472
HORIZONTAL SPREAD	:	3.681	2.952	2.384
VERTICAL SPREAD	:	1.938	1.788	1.768
EXTREME SPREAD	:	3.716	3.152	2.635
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 1.730

VS = 1.700

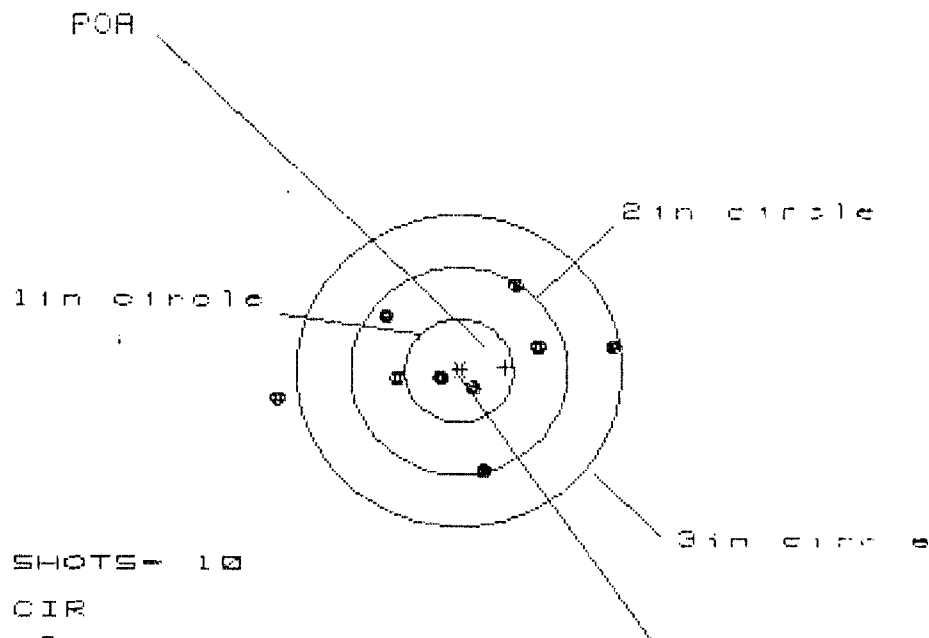
GS = 2.175

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.035	.962	1.054
MINIMUM X	:	-.695	-.768	-.676
MAXIMUM Y	:	.784	.682	.571
MINIMUM Y	:	-.916	-.888	-.588
CENTROID X	:	.044	.117	.025
CENTROID Y	:	.103	.205	.316
POA TO CENTROID in.	:	.112	.236	.316
MIN RADIUS	:	.188	.123	.026
MEAN RADIUS	:	.799	.754	.679
MAX RADIUS	:	1.129	1.154	1.054
HORIZONTAL SPREAD	:	1.730	1.730	1.730
VERTICAL SPREAD	:	1.700	1.570	1.159
EXTREME SPREAD	:	2.175	2.175	1.817
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 3.076

VS= 1.796

GS= 3.122

CENTROID #

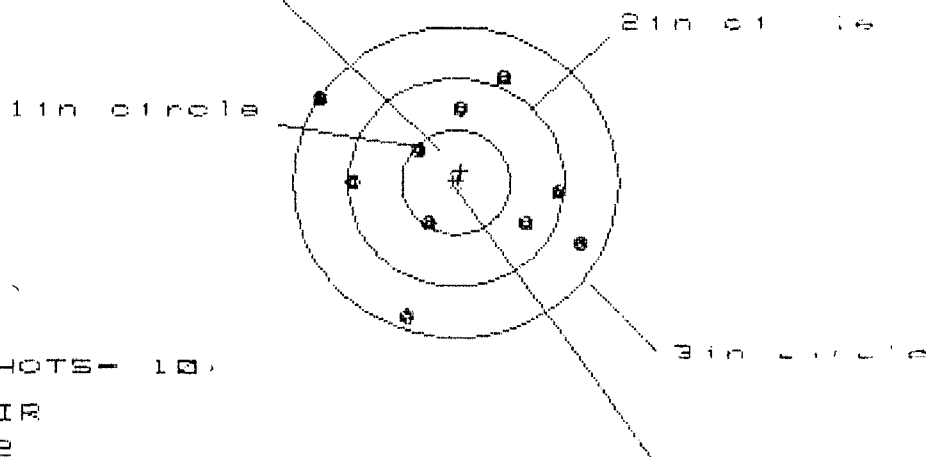
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.438	1.256	.713
MINIMUM X	:	-1.638	-.885	-.728
MAXIMUM Y	:	.804	.771	.797
MINIMUM Y	:	-.992	-1.025	-.999
CENTROID X	:	-.426	-.244	-.401
CENTROID Y	:	-.035	-.002	-.023
FOR TO CENTROID in.	:	.427	.244	.402
MIN RADIUS	:	.208	.230	.207
MEAN RADIUS	:	.801	.711	.613
MAX RADIUS	:	1.665	1.273	1.014
HORIZONTAL SPREAD	:	3.076	2.141	1.441
VERTICAL SPREAD	:	1.796	1.796	1.796
EXTREME SPREAD	:	3.122	2.159	1.828
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10.

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.426

VS= 2.331

GS= 2.829

CENTRAL FIRE

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	1.018	.943
MINIMUM X	:	-1.267	-1.072	-1.147
MAXIMUM Y	:	1.025	1.118	.967
MINIMUM Y	:	-1.306	-1.213	-1.677
CENTROID X	:	-.044	.097	.172
CENTROID Y	:	-.110	-.203	-.051
POA TO CENTROID in.	:	.118	.225	.179
MIN RADIUS	:	.447	.508	.610
MEAN RADIUS	:	.964	.980	.839
MAX RADIUS	:	1.519	1.351	1.161
HORIZONTAL SPREAD	:	2.426	2.090	2.090
VERTICAL SPREAD	:	2.331	2.331	1.644
EXTREME SPREAD	:	2.829	2.497	2.176
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	