

C6349191

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington



MODEL 700TM H24

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



REG. U.S. PAT. & T.M. OFF.

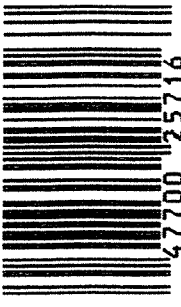
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6349191	01
ORDER NO. 5716	



5716 C6349191

UPC



0 47700 25716 7

RC-15
Replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349191

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20	89	RW
600	Proof	12-20	89	A
607	Check Headspace	12-20	89	E
610	Dis-assemble Gun	12-20	89	RW
612	Magnaflux Barrel Action	1-5-90		KCR
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/3/90	JS
17	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel <i>RCB</i>		1/2/90	WB
620	Apply Coatings (Barrel Action)		1-5-90	JS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-25-90	RL
	G) Safety Off Force	3	3	3			1-28-90	RL
	H) Trigger Pull Test & Retainability						2/4/90	ES
	I) Firing Pin Indent	.023	.023	.023			1-25-90	RL
	J) Assemble Stock						1/26/90	RW
	K) Assemble Swivel Studs						4/18/90	WLB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						1/26/90	WLB
	P) Detach & Attach Scope 20 Times						1/26/90	WLB
640	Gallery Target & Test						2/26/90	DA
	A) Time						2/26/90	DA
	B) Malfunctions						2/26/90	DA
	C) Pierced Primers						2/26/90	DA
	D) Optical Clarity of Scope						2/26/90	DA
645	Inspect for Live Ammo						2/26/90	DA
655	Final Inspection						4/18/90	WLB
	A) Headspace							
	B) Trigger Pull	2.44	2.45	2.48	2.45	2.35	2/27/90	WLB
	C) Function						2/28/90	WLB
660	Pack						2/28/90	ES

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349191

DATE 24 Jan 90

TESTER 628

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.05	2.62	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.19	2.57	2.45	
PULL #3	2.46	2.20	2.52	2.48	
PULL #4	2.47	2.21	2.48	2.45	
PULL #5	2.50	2.22	2.41	2.35	
TOTAL	12.28	10.87	12.60		
AVG.	2.456	2.174	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.97	2.87		
PULL #2	2.95	3.00		
PULL #3	2.97	3.06		
PULL #4	2.97	2.95		
PULL #5	3.01	2.91		
TOTAL	14.87	14.79		
AVG.	2.974	2.958		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.07		4.03
PULL #2	4.10	4.12		4.10
PULL #3	4.09	4.15		4.14
PULL #4	4.15	4.15		4.12
PULL #5	4.21	3.92		4.21
TOTAL	20.71	20.41		20.60
AVG.	4.142	4.082		4.12

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349191
26 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.232246
1 TO	2	.122381
1 TO	3	.256236
1 TO	4	.47237
1 TO	5	.101272

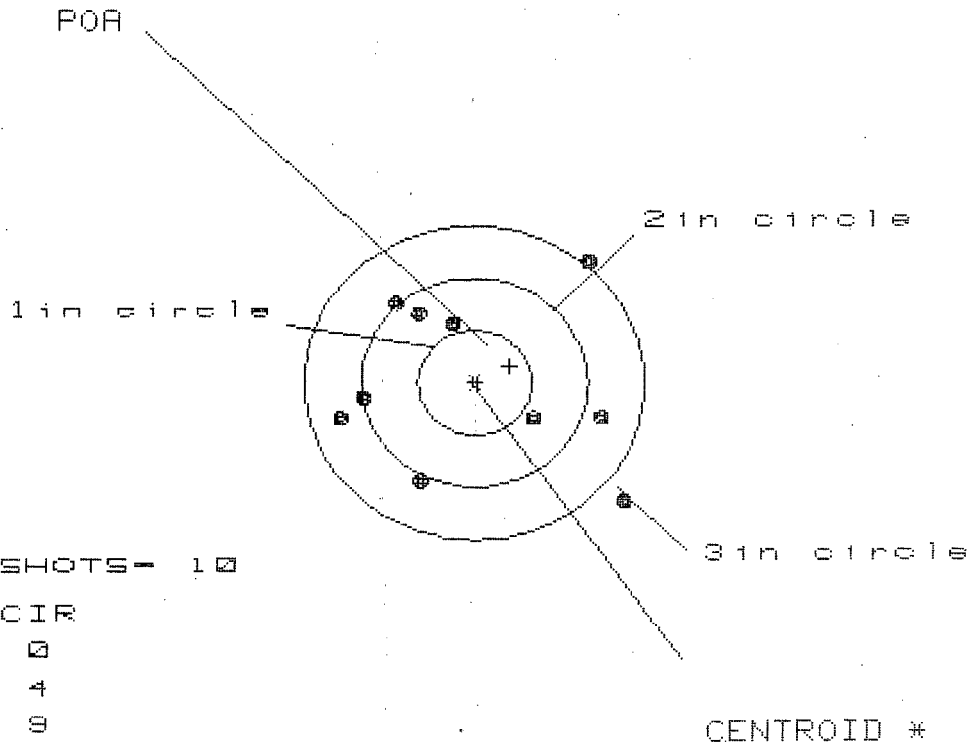
4.21 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .305205
THE AMR FOR THIS RIFLE IS: .9996

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349191

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.557

VS= 2.232

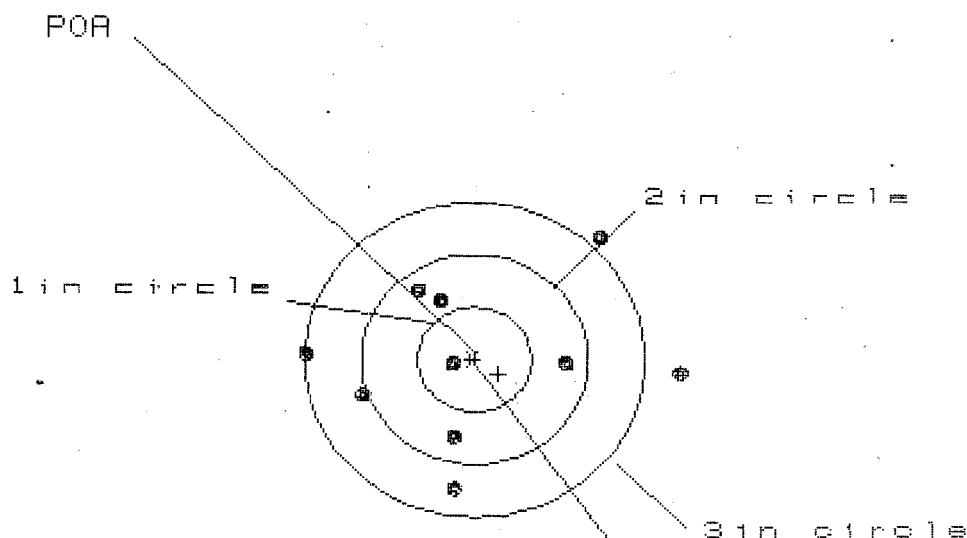
GS= 2.802

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.361	1.288	1.428
MINIMUM X	-1.196	-1.044	-.903
MAXIMUM Y	1.118	.994	.782
MINIMUM Y	-1.114	-1.030	-.906
CENTROID X	-.313	-.465	-.605
CENTROID Y	-.162	-.038	-.162
POA TO CENTROID in.	.353	.466	.627
MIN RADIUS	.580	.432	.570
MEAN RADIUS	1.070	.960	.878
MAX RADIUS	1.759	1.502	1.459
HORIZONTAL SPREAD	2.557	2.332	2.332
VERTICAL SPREAD	2.232	2.024	1.688
EXTREME SPREAD	2.802	2.592	2.332
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

28 Feb 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 5

3 in - 8

HS - 3.301

VS - 2.366

GS - 3.307

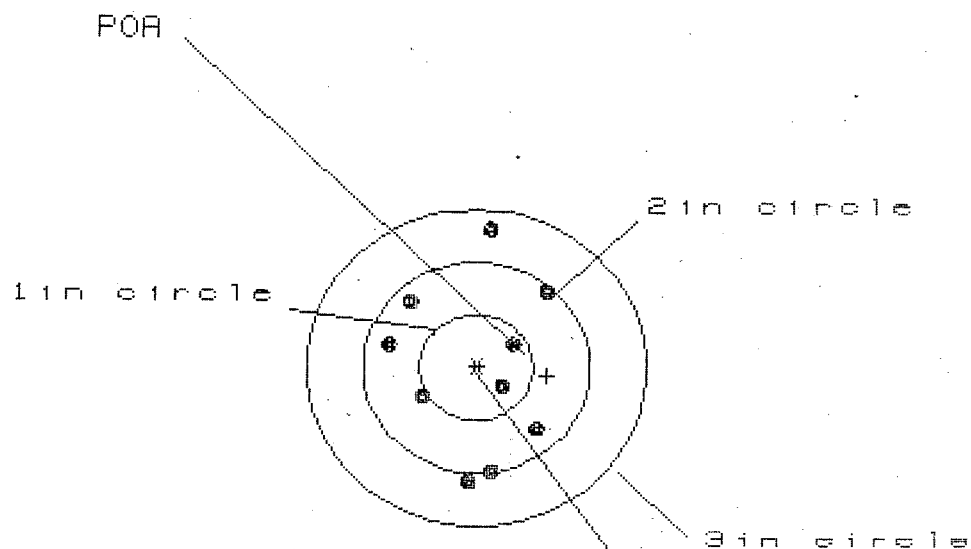
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	1.337	1.207
MINIMUM X	:	-1.470	-1.267	-1.100
MAXIMUM Y	:	1.157	1.145	.814
MINIMUM Y	:	-1.209	-1.221	-1.077
CENTROID X	:	-.208	-.411	-.578
CENTROID Y	:	.133	.145	.001
POA TO CENTROID in.	:	.247	.436	.578
MIN RADIUS	:	.223	.059	.175
MEAN RADIUS	:	1.052	.922	.808
MAX RADIUS	:	1.833	1.761	1.210
HORIZONTAL SPREAD	:	3.301	2.604	2.307
VERTICAL SPREAD	:	2.366	2.366	1.891
EXTREME SPREAD	:	3.307	2.813	2.311
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

26 Feb 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 10

HS- 1.347

VS= 2.385

GS= 2.396

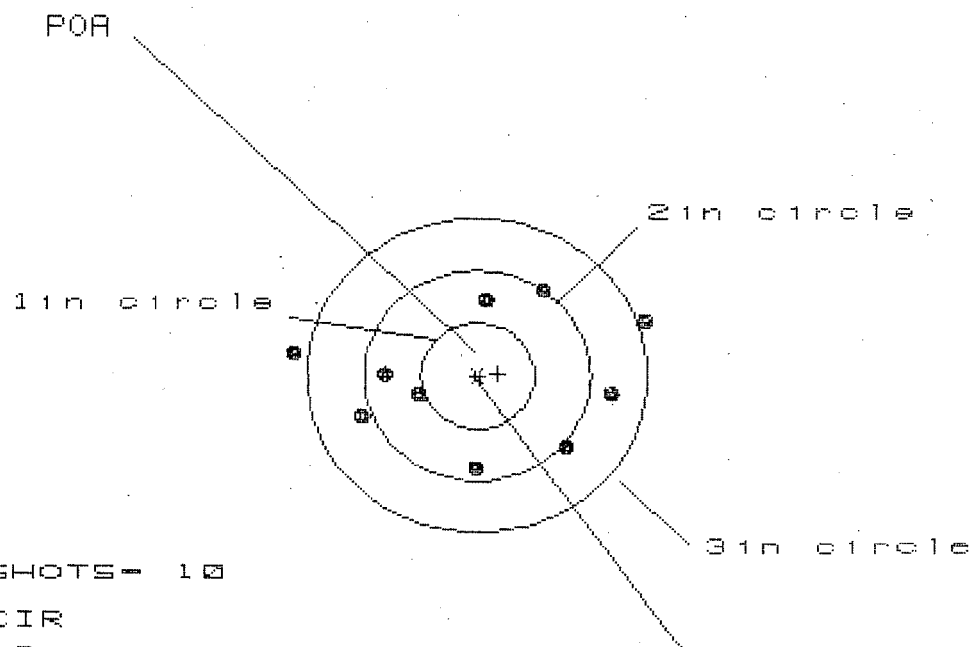
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.615	.632	.623
MINIMUM X	-.732	-.715	-.724
MAXIMUM Y	1.342	.845	.734
MINIMUM Y	-1.043	-.894	-.981
CENTROID X	-.624	-.641	-.632
CENTROID Y	.079	-.070	.042
POA TO CENTROID in.	.629	.645	.633
MIN RADIUS	.245	.224	.234
MEAN RADIUS	.800	.727	.700
MAX RADIUS	1.350	1.055	.996
HORIZONTAL SPREAD	1.347	1.347	1.347
VERTICAL SPREAD	2.385	1.739	1.715
EXTREME SPREAD	2.396	1.875	1.832
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

26 Feb 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 3.100

VS= 1.700

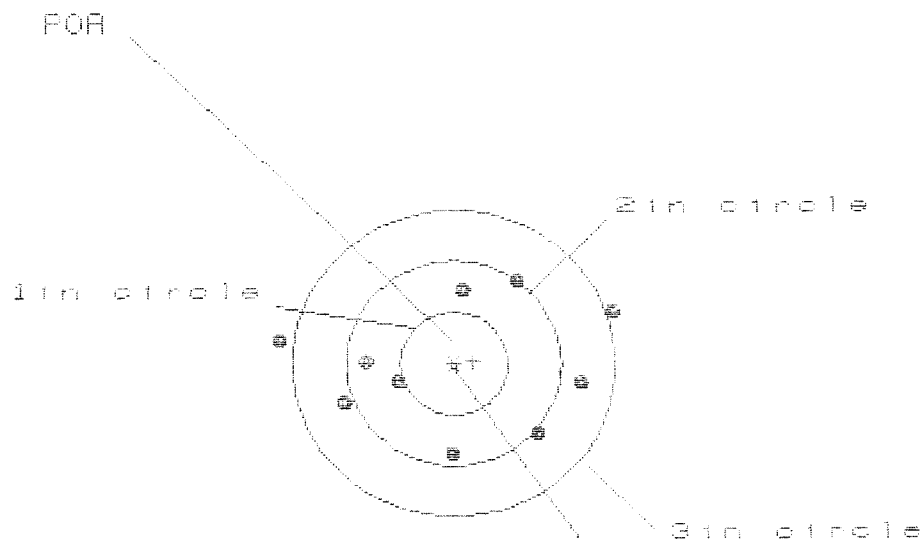
GS= 3.110

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.445	1.262	1.183
MINIMUM X	-1.655	-1.194	-1.037
MAXIMUM Y	.867	.897	.965
MINIMUM Y	-.833	-.803	-.735
CENTROID X	-.181	.002	-.155
CENTROID Y	-.023	-.053	-.121
POA TO CENTROID in.	.183	.053	.197
MIN RADIUS	.591	.746	.587
MEAN RADIUS	1.058	.988	.918
MAX RADIUS	1.676	1.374	1.189
HORIZONTAL SPREAD	3.100	2.456	2.220
VERTICAL SPREAD	1.700	1.700	1.700
EXTREME SPREAD	3.110	2.630	2.230
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

28 Feb 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 3.100

VS= 1.700

GS= 3.110

CENTROID +

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.445
MINIMUM X	-1.655
MAXIMUM Y	.867
MINIMUM Y	-.893
CENTROID X	-.181
CENTROID Y	-.023
POA TO CENTROID in.	.183
MIN RADIUS	.591
MEAN RADIUS	1.058
MAX RADIUS	1.676
HORIZONTAL SPREAD	3.100
VERTICAL SPREAD	1.700
EXTREME SPREAD	3.110
NUMBER IN ONE INCH CIRCLE	= 0
NUMBER IN TWO INCH CIRCLE	= 4
NUMBER IN THREE INCH CIRCLE	= 8