

C6636310

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington
 MODEL 700™ H24

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

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

SERIAL NO.
 C6636310

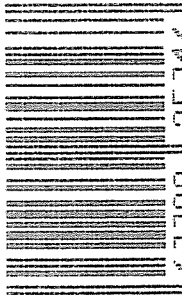
ORDER NO.
 5716

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



5716 C6636310

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636310

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KL
600	Proof		6/25/91	KL
607	Check Headspace		6/25/91	KL
610	Dis-assemble Gun		6/25/91	KL
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	BS
617	Drill and Tap Sight Holes	JUL	2 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-30-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-31-91	DH
	G) Safety Off Force	4	4	4			7-31-91	DH
	H) Trigger Pull Test & Retainability						7-30-91	JH
	I) Firing Pin Indent	.021	.022	.022			7-31-91	DH
	J) Assemble Stock						8/1/91	KR
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						8/1/91	KR
	M) Iron Sight Alignment						8/1/91	KR
	N) Detach Front & Rear Sights & place in numbered container						8/1/91	KR
	O) Attach Scope to Rifle						8/1/91	KR
	P) Detach & Attach Scope 20 Times						8/1/91	KR
640	Gallery Target & Test						8-2-91	DH
	A) Time						8-2-91	DH
	B) Malfunctions						8-2-91	DH
	C) Pierced Primers						8-2-91	DH
	D) Optical Clarity of Scope						8-2-91	DH
645	Inspect for Live Ammo						8-2-91	DH
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.55	2.60	2.61	2.56	2.63	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6636310
DATE 7-30-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.53	2.44	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.55	2.40	2.60	
PULL #3	2.50	2.51	2.50	2.61	
PULL #4	2.52	2.53	2.44	2.56	
PULL #5	2.53	2.41	2.39	2.63	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.42		
PULL #2	3.40	3.28		
PULL #3	3.45	3.18		
PULL #4	3.48	3.51		
PULL #5	3.39	3.43		
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	4.24		4.26
PULL #2	4.28	4.35		4.23
PULL #3	4.22	4.28		4.23
PULL #4	4.20	4.22		4.27
PULL #5	4.21	4.32		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636310
2 Aug. 1991

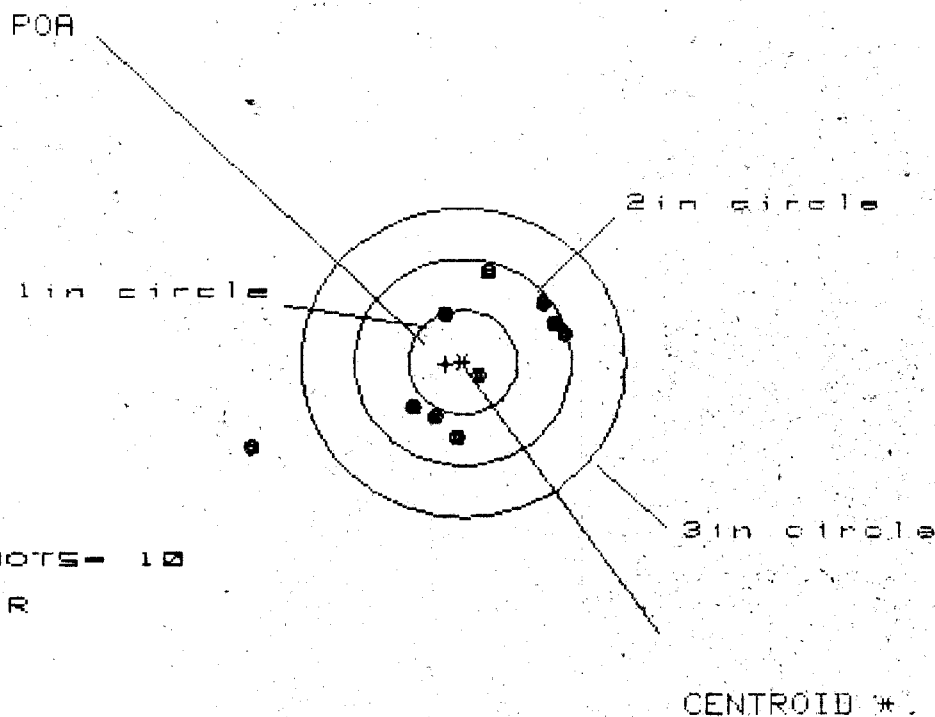
CENTROIDAL DISTANCES

0 TO	1	.160253
1 TO	2	.47284
1 TO	3	.353135
1 TO	4	.523399
1 TO	5	.697155

52
3th <----POA

1. COORDINATE FOR THIS RIFLE IS: -.179
2. COORDINATE FOR THIS RIFLE IS: .2086
3. AVERAGE POI RADIUS FOR THIS RIFLE IS: .274873
4. AVERAGE IT: .8934

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.936

VS= 1.755

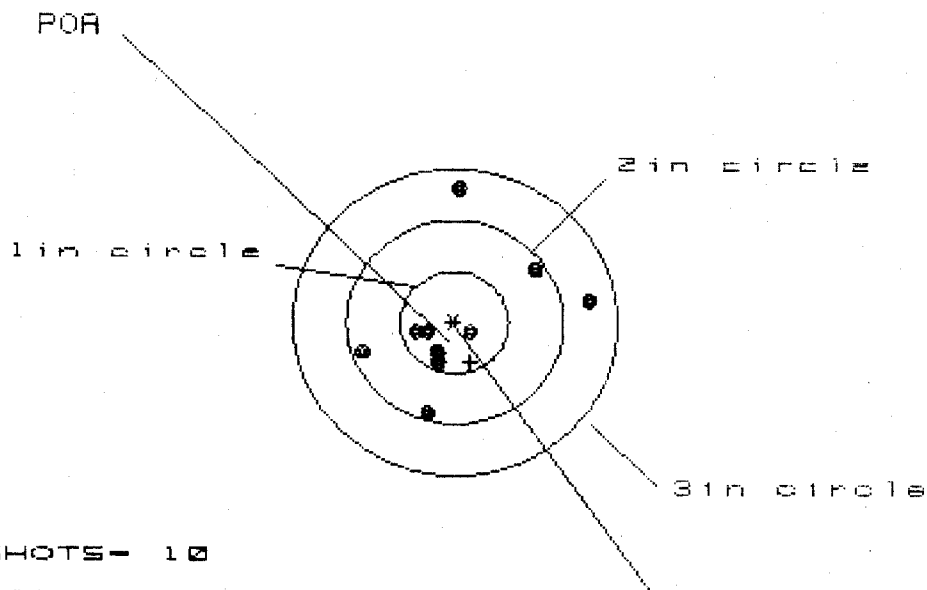
GS= 3.127

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.945	.723	.792
MINIMUM X	:	-1.991	-.665	-.596
MAXIMUM Y	:	.911	.817	.880
MINIMUM Y	:	-.844	-.770	-.707
CENTROID X	:	.159	.381	.312
CENTROID Y	:	.020	.114	.051
POA TO CENTROID in.	:	.161	.397	.316
MIN RADIUS	:	.165	.247	.163
MEAN RADIUS	:	.846	.685	.664
MAX RADIUS	:	2.163	.837	.886
HORIZONTAL SPREAD	:	2.936	1.388	1.388
VERTICAL SPREAD	:	1.755	1.587	1.587
EXTREME SPREAD	:	3.127	1.617	1.617
NUMBER IN ONE INCH CIRCLE	=	1	1	1
NUMBER IN TWO INCH CIRCLE	=	9	9	9
NUMBER IN THREE INCH CIRCLE	=	9	9	9

Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 2.104

VS= 2.147

GS= 2.178

CENTROID *

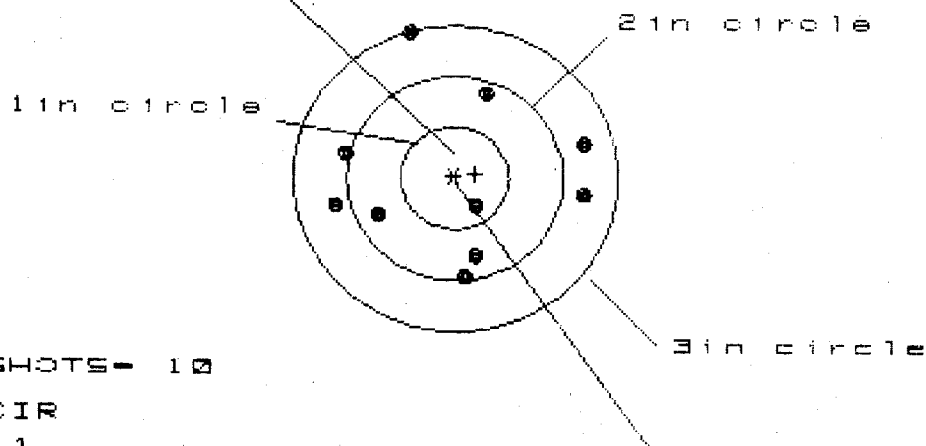
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.267	.883
MINIMUM X	:	-.845	-.837	-.679
MAXIMUM Y	:	1.295	.672	.715
MINIMUM Y	:	-.852	-.708	-.665
CENTROID X	:	-.144	-.152	-.310
CENTROID Y	:	.383	.239	.196
POR TO CENTROID in.	:	.409	.283	.367
MIN RADIUS	:	.149	.163	.059
MEAN RADIUS	:	.685	.587	.442
MAX RADIUS	:	1.297	1.313	1.136
HORIZONTAL SPREAD	:	2.104	2.104	1.562
VERTICAL SPREAD	:	2.147	1.380	1.380
EXTREME SPREAD	:	2.178	2.164	1.770
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.271

VS = 2.424

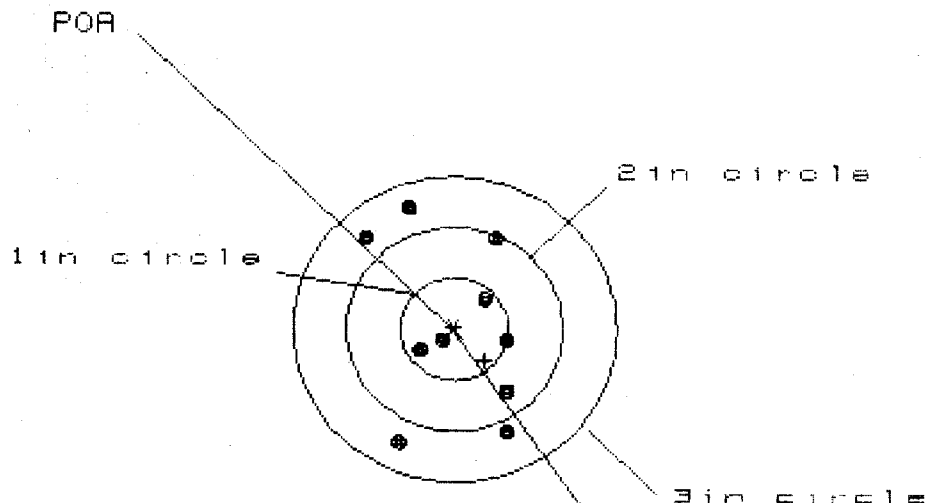
GS = 2.476

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.201	1.159	1.303
MINIMUM X	-1.070	-1.112	-.968
MAXIMUM Y	1.433	.951	1.010
MINIMUM Y	-.991	-.832	-.772
CENTROID X	-.189	-.147	-.291
CENTROID Y	-.040	-.199	-.258
POA TO CENTROID in.	.193	.247	.389
MIN RADIUS	.265	.119	.245
MEAN RADIUS	.975	.887	.832
MAX RADIUS	1.482	1.251	1.303
HORIZONTAL SPREAD	2.271	2.271	2.271
VERTICAL SPREAD	2.424	1.783	1.783
EXTREME SPREAD	2.476	2.333	2.271
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

2 Aug 1981

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.360

VS= 2.294

GS= 2.374

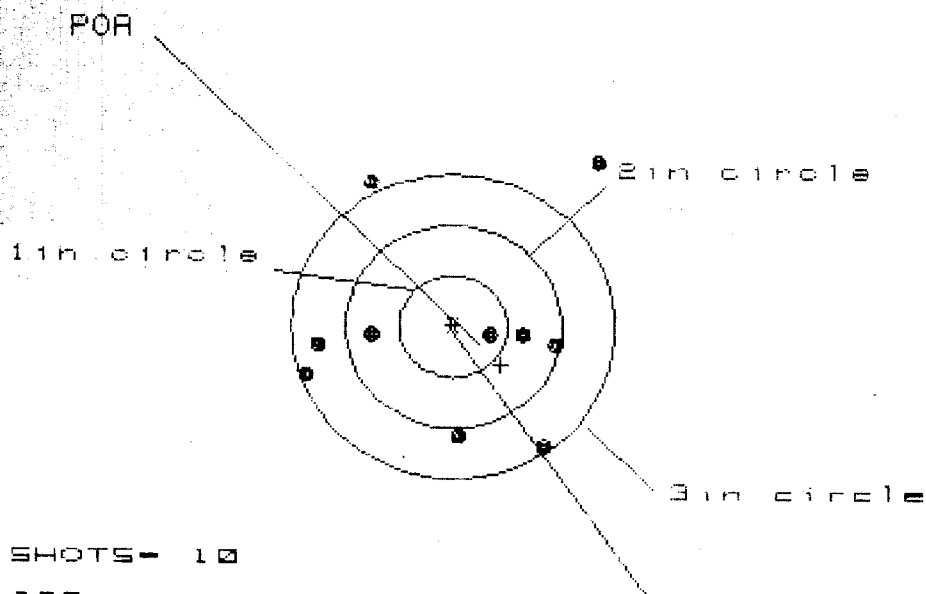
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.526	.485	.416
MINIMUM X	-.834	-.875	-.944
MAXIMUM Y	1.189	.988	.866
MINIMUM Y	-1.105	-.973	-1.026
CENTROID X	-.280	-.239	-.170
CENTROID Y	.305	.173	.295
POA TO CENTROID in.	.415	.295	.340
MIN RADIUS	.172	.120	.236
MEAN RADIUS	.794	.725	.676
MAX RADIUS	1.246	1.320	1.281
HORIZONTAL SPREAD	1.360	1.360	1.360
VERTICAL SPREAD	2.294	1.961	1.892
EXTREME SPREAD	2.374	2.288	2.288
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

2 Aug 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.717

VS= 2.785

GS= 3.427

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.075	.993
MINIMUM X	:	-1.332	-1.178	-1.260
MAXIMUM Y	:	1.654	1.645	.357
MINIMUM Y	:	-1.131	-.948	-.742
CENTROID X	:	-.441	-.595	-.513
CENTROID Y	:	.375	.192	-.014
POA TO CENTROID in.	:	.579	.625	.514
MIN RADIUS	:	.337	.511	.539
MEAN RADIUS	:	1.167	1.043	.932
MAX RADIUS	:	2.157	1.770	1.260
HORIZONTAL SPREAD	:	2.717	2.253	2.253
VERTICAL SPREAD	:	2.785	2.593	1.099
EXTREME SPREAD	:	3.427	3.079	2.332
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	8		