

C6611482

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

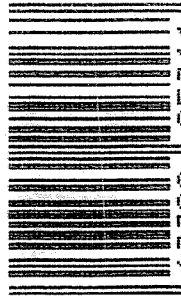
Smead®

Remington[®] REG. U.S. PAT. & TM. OFF. DU PONT		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6611482
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marquo Deposee.		ORDER NO. 5716



5716 C6611482

UPC



0 47200 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611482

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	JS
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-12-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/26/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/26/91	KS
	C) Inspect Ejector Hole for Chamfer		4/26/91	KS
	D) Oil Firing Pin Ass'y		4/26/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/29/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/29/91	SL
	G) Safety Off Force	4	4	4			4/29/91	SL
	H) Trigger Pull Test & Retainability						4/29/91	SL
	I) Firing Pin Indent	.0225	.0225	.0225			4/29/91	SL
	J) Assemble Stock						5/1/91	KS
	K) Assemble Swivel Studs						5-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/1/91	KS
	M) Iron Sight Alignment						5/1/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/1/91	KS
	O) Attach Scope to Rifle						5/1/91	KS
	P) Detach & Attach Scope 20 Times						5/1/91	KS
640	Gallery Target & Test						5/1/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						5/1/91	KT
655	Final Inspection							
	A) Headspace						5-1-91	D/H
	B) Trigger Pull	2.28	2.29	2.35	2.34	2.24	5/10/91	SL
	C) Function						5-1-91	D/H
660	Pack						6-1-91	NC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. E6611482

DATE 4/29/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST TO RESET 2.50#	COMMENTS
PULL #1	2.59	2.18	2.40	2.28 MIN. SETTING,
PULL #2	2.59	2.33	2.36	2.29 NO AVG. OF 5
PULL #3	2.48	2.33	2.36	2.35 READINGS ACCEPT-
PULL #4	2.30	2.36	2.43	2.34 TABLE LESS THAN 2#
PULL #5	2.41	2.44	2.40	2.24
TOTAL				
AVG.				

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.44	
PULL #2	3.37	3.41	
PULL #3	3.33	3.47	
PULL #4	3.48	3.17	
PULL #5	3.43	3.47	
TOTAL			
AVG.			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.35		4.38
PULL #2	4.41	4.22		4.20
PULL #3	4.48	4.14		4.46
PULL #4	4.47	4.23		4.45
PULL #5	4.47	4.23		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611482
1 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.276509
1 TO	2	.351011
1 TO	3	.339236
1 TO	4	.430074
1 TO	5	.234094

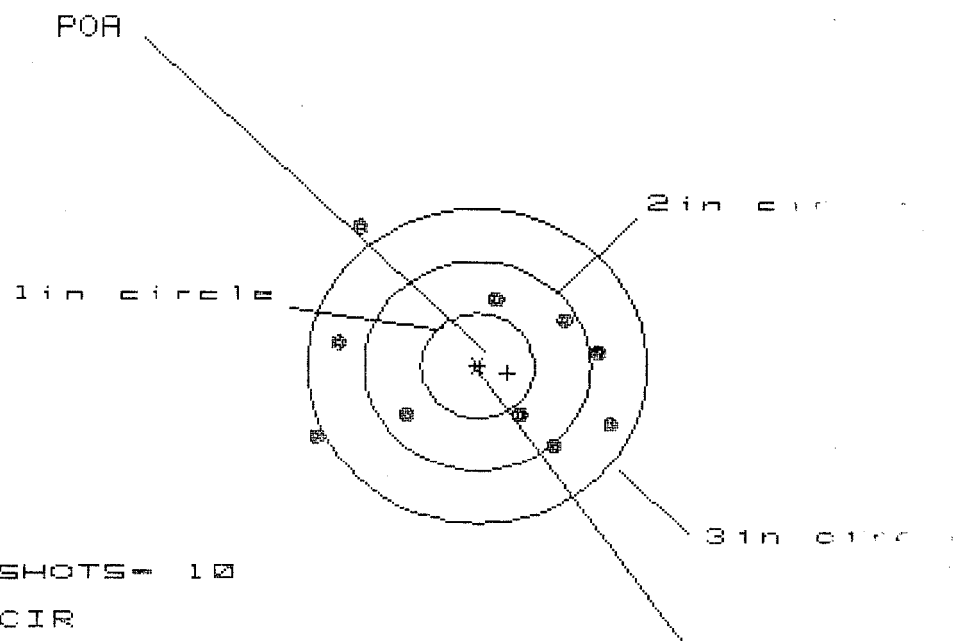
104 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.20
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .10
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10
THE AMR FOR THIS RIFLE IS: .901

1 May 1991

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CENTERFIRE PATTERNS



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.510

VS = 2.111

GS = 2.841

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	1.020	.800
MINIMUM X	-1.381	-1.490	-1.500
MAXIMUM Y	1.373	.798	.500
MINIMUM Y	-.738	-.586	-.500
CENTROID X	-.269	-.161	.000
CENTROID Y	.064	-.088	.000
POA TO CENTROID in.	.277	.183	.000
MIN RADIUS	.551	.365	.333
MEAN RADIUS	1.055	.954	.800
MAX RADIUS	1.687	1.569	1.500
HORIZONTAL SPREAD	2.510	2.510	2.500
VERTICAL SPREAD	2.111	1.384	1.000
EXTREME SPREAD	2.841	2.547	2.400
NUMBER IN ONE INCH CIRCLE =	0	5	8
NUMBER IN TWO INCH CIRCLE =	5	8	8
NUMBER IN THREE INCH CIRCLE =	8	8	8

1 May 1991

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CENTERFIRE PATTERNS

#

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.354

VS = 2.247

GS = 3.254

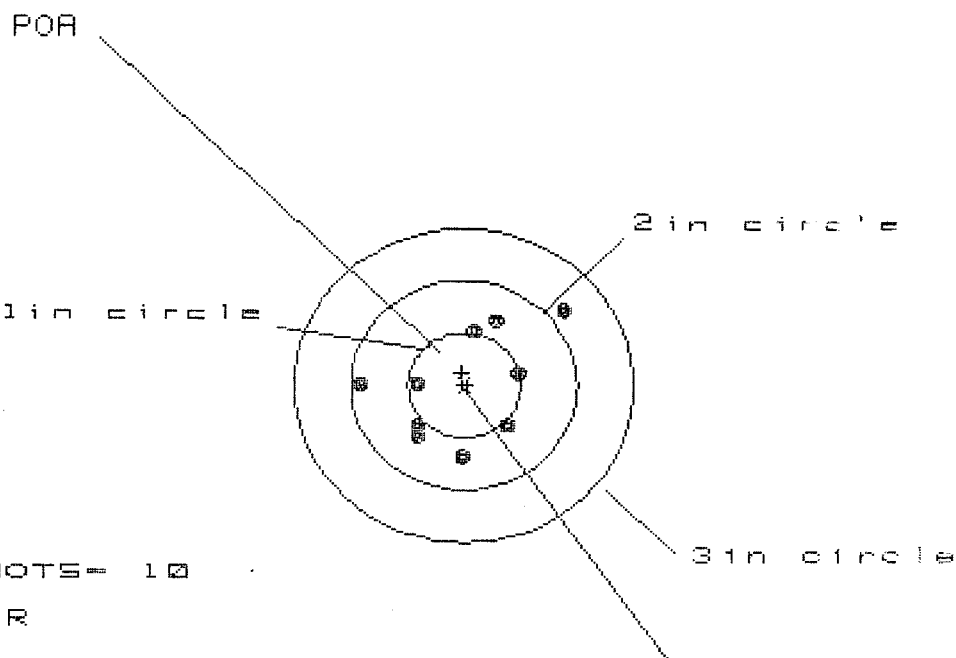
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.804	.864
MINIMUM X	:	-1.395	-1.429	-1.329
MAXIMUM Y	:	1.251	1.140	.549
MINIMUM Y	:	-.996	-.569	-.426
CENTROID X	:	.059	.214	.114
CENTROID Y	:	.189	.300	.157
POA TO CENTROID in.	:	.198	.368	.194
MIN RADIUS	:	.059	.227	.057
MEAN RADIUS	:	.095	.778	.699
MAX RADIUS	:	1.714	1.492	1.359
HORIZONTAL SPREAD	:	2.354	2.233	2.193
VERTICAL SPREAD	:	2.247	1.709	.975
EXTREME SPREAD	:	3.254	2.729	2.211
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

1 May 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.836

VS= 1.381

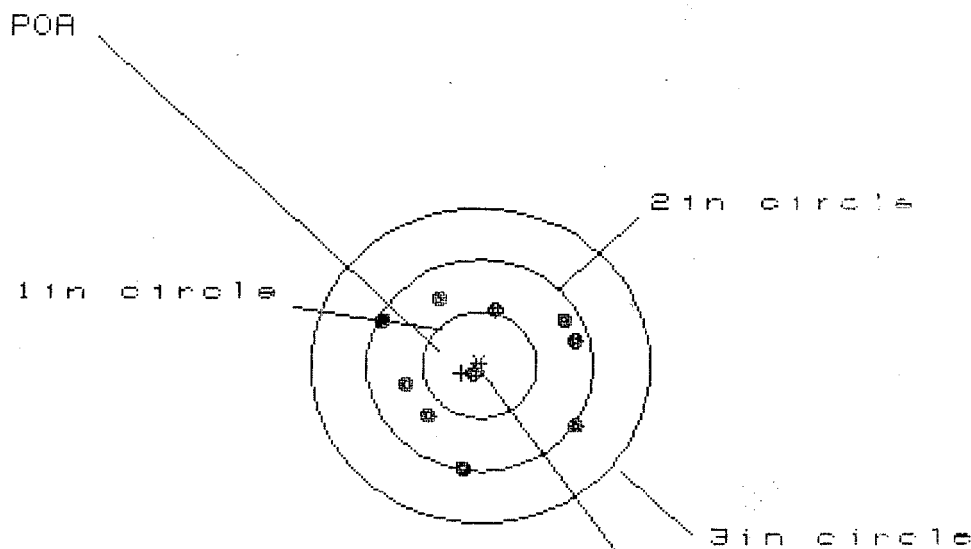
GS= 1.958

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.881	.607	.499
MINIMUM X	:	-.955	-.857	-.471
MAXIMUM Y	:	.694	.693	.704
MINIMUM Y	:	-.687	-.610	-.599
CENTROID X	:	.016	-.082	.026
CENTROID Y	:	-.120	-.197	-.200
POA TO CENTROID in.	:	.121	.213	.210
MIN RADIUS	:	.366	.282	.388
MEAN RADIUS	:	.664	.598	.563
MAX RADIUS	:	1.121	.862	.772
HORIZONTAL SPREAD	:	1.836	1.464	.970
VERTICAL SPREAD	:	1.381	1.303	1.303
EXTREME SPREAD	:	1.958	1.465	1.341
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 10

3in = 10

HS= 1.684

VS= 1.541

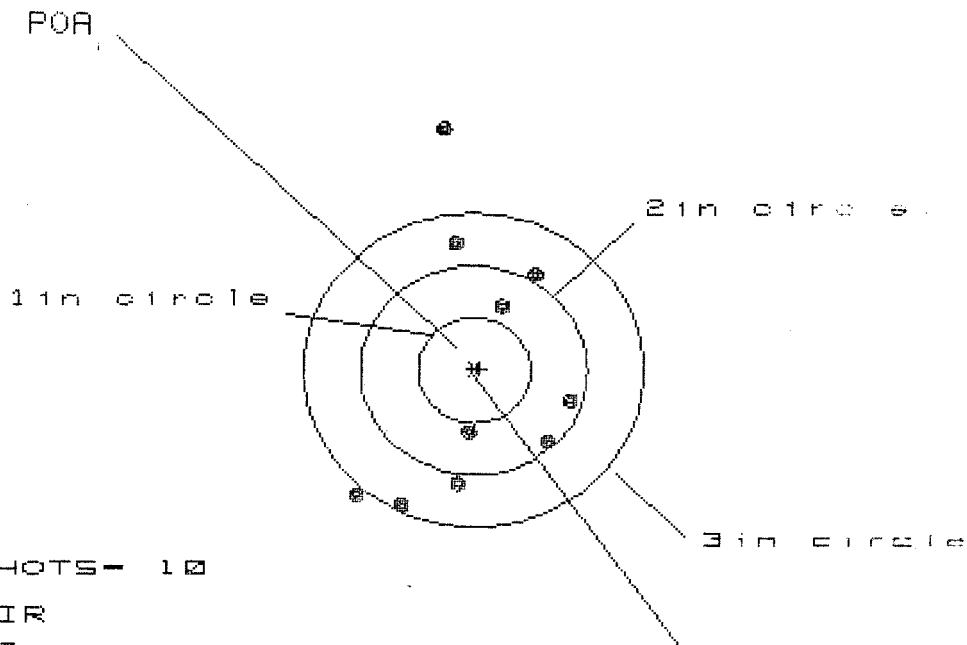
GS= 1.944

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.815	.889	.792
MINIMUM X	-.869	-.778	-.656
MAXIMUM Y	.599	.539	.586
MINIMUM Y	-.942	-1.002	-.955
CENTROID X	.161	.070	.167
CENTROID Y	.072	.132	.085
POA TO CENTROID in.	.176	.149	.187
MIN RADIUS	.108	.175	.122
MEAN RADIUS	.714	.678	.650
MAX RADIUS	.976	1.003	.967
HORIZONTAL SPREAD	1.684	1.667	1.448
VERTICAL SPREAD	1.541	1.541	1.541
EXTREME SPREAD	1.944	1.680	1.591
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		

1 May 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 1.836

VS = 3.593

GS = 3.618

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.799	.777	.644
MINIMUM X	-1.036	-1.059	-1.086
MAXIMUM Y	2.386	1.472	1.157
MINIMUM Y	-1.287	-1.031	-1.146
CENTROID X	-.049	-.026	.104
CENTROID Y	-.016	-.272	-.157
POA TO CENTROID in.	.051	.273	.190
MIN RADIUS	.586	.333	.480
MEAN RADIUS	1.177	1.003	.746
MAX RADIUS	2.315	1.488	1.402
HORIZONTAL SPREAD	1.836	1.836	1.410
VERTICAL SPREAD	3.593	2.503	2.501
EXTREME SPREAD	3.618	2.637	2.541
NUMBER IN ONE INCH CIRCLE =	0	4	8
NUMBER IN TWO INCH CIRCLE =	4	8	8
NUMBER IN THREE INCH CIRCLE =	8	8	8