

C6549142

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM H24		SERIAL NO. C6649142	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		06	
 5716 C6649142			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649142

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KA
600	Proof		6/26/91	KA
607	Check Headspace		6/26/91	KA
610	Dis-assemble Gun		6/26/91	KA
612	Magnaflux Barrel Action		JUL 1 8 1991	CS
	Magnaflux Bolt		JUL 1 8 1991	CS
615	Rollmark Caliber		JUL 1 8 1991	CS
617	Drill and Tap Sight Holes		JUL 1 8 1991	EB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		8-7-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	KA
	C) Inspect Ejector Hole for Chamfer		8/29/91	KA
	D) Oil Firing Pin Ass'y		8/29/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		9/24/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7½	8			9-4-91	DH
	G) Safety Off Force	2	2	2½			9-4-91	DH
	H) Trigger Pull Test & Retainability						9/4/91	DH
	I) Firing Pin Indent	.020	.020	.020			9-4-91	DH
	J) Assemble Stock						9/4/91	KS
	K) Assemble Swivel Studs						9-12-91	AC
	L) Attach Front and Rear Sight Assemblies						9/4/91	KS
	M) Iron Sight Alignment						9/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						9/4/91	KS
	O) Attach Scope to Rifle						9/4/91	KS
	P) Detach & Attach Scope 20 Times						9/4/91	KS
640	Gallery Target & Test						9/7/91	KT
	A) Time						..	KT
	B) Malfunctions						..	KT
	C) Pierced Primers						..	KT
	D) Optical Clarity of Scope						..	KT
645	Inspect for Live Ammo						9/7/91	KT
655	Final Inspection							
	A) Headspace						9-12-91	AC
	B) Trigger Pull	2.37	2.39	2.46	2.41	2.46	9-12-91	DH
	C) Function						9-12-91	AC
660	Pack						9-11-91	AC

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

SERIAL NO. 06649142DATE 9/4/91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.35	2.46	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.36	2.38	2.39	
PULL #3	2.42	2.33	2.33	2.46	
PULL #4	2.38	2.47	2.44	2.41	
PULL #5	2.25	2.37	2.46	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.63	3.63		
PULL #2	3.57	3.64		
PULL #3	3.60	3.36		
PULL #4	3.53	3.50		
PULL #5	3.50	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.25		4.28
PULL #2	4.38	4.23		4.44 4.34
PULL #3	4.21	4.28		4.38
PULL #4	4.25	4.32		4.27
PULL #5	4.40	4.28		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649142
7 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.122201
1 TO 2	.130005
1 TO 3	.0295466
1 TO 4	.139864
1 TO 5	.219401

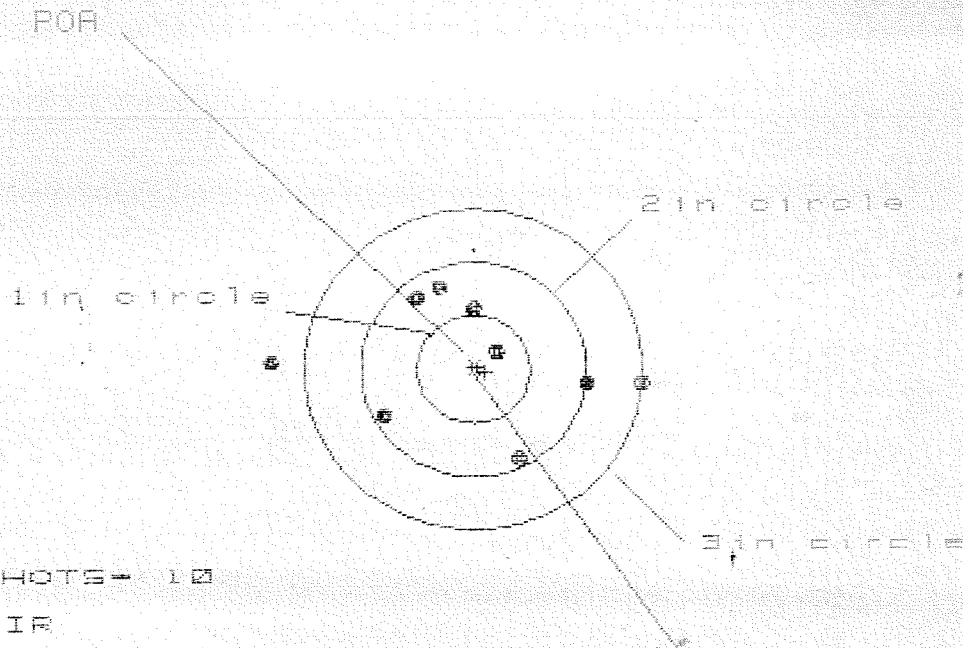
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0872
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0980772
THE ANP FOR THIS RIFLE IS: .8842

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849142

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 8

HS= 3.354

VS= 1.639

GS= 3.365

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.504	1.299	.916
MINIMUM X	-1.850	-1.020	-.058
MAXIMUM Y	.764	.776	.758
MINIMUM Y	-.875	-.863	-.881
CENTROID X	-.096	.109	-.053
CENTROID Y	.030	.018	.036
POR TO CENTROID in.	.101	.111	.064
MIN RADIUS	.329	.235	.294
MEAN RADIUS	.983	.866	.804
MAX RADIUS	1.853	1.307	.960
HORIZONTAL SPREAD	3.354	2.319	1.774
VERTICAL SPREAD	1.639	1.639	1.639
EXTREME SPREAD	3.365	2.334	1.840
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 8		
NUMBER IN THREE INCH CIRCLE	= 8		

7 Sep 1991

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.371

VS= 2.538

GS= 2.598

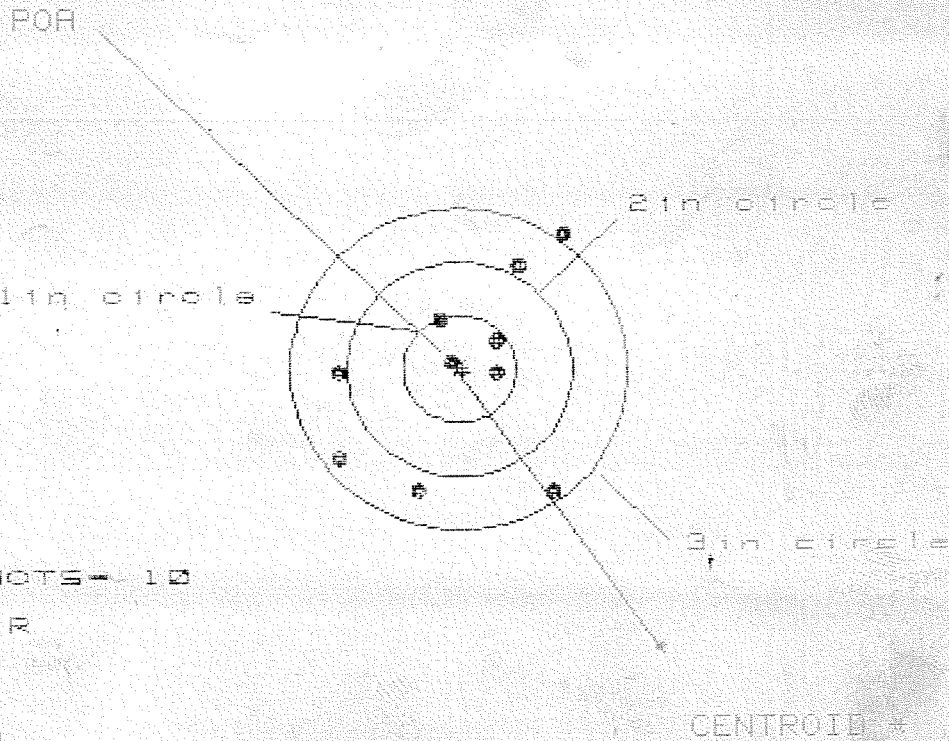
CENTROID #

PATTERN #	2	1	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.644	.653	.594
MINIMUM X	-.727	-.718	-.777
MAXIMUM Y	1.470	.836	.723
MINIMUM Y	-1.068	-.904	-.455
CENTROID X	-.046	-.055	.004
CENTROID Y	-.110	-.274	-.161
POA TO CENTROID in.	.120	.279	.161
MIN RADIUS	.108	.057	.073
MEAN RADIUS	.758	.656	.605
MAX RADIUS	1.472	1.020	.852
HORIZONTAL SPREAD	1.371	1.371	1.371
VERTICAL SPREAD	2.538	1.740	1.178
EXTREME SPREAD	2.598	1.832	1.530
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

7 Sep 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 1.975

VS= 2.403

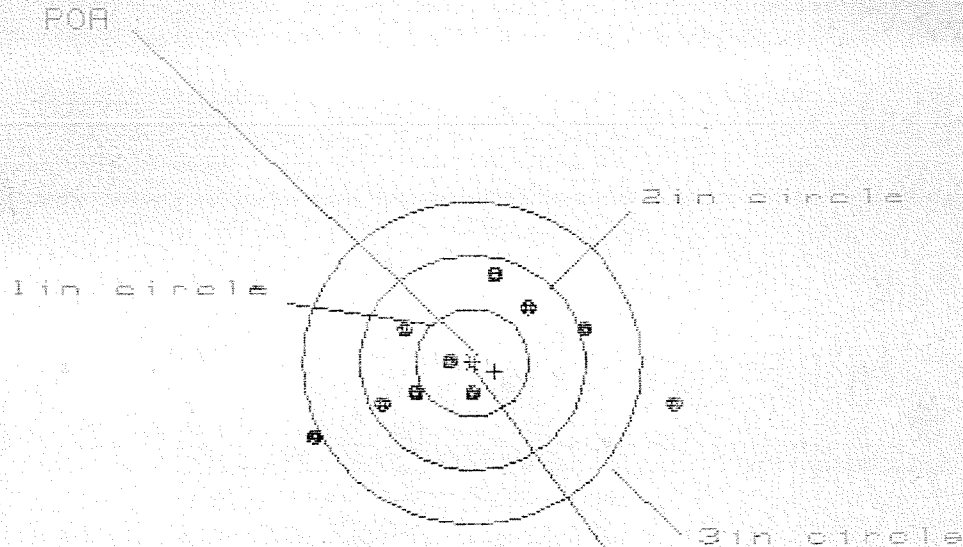
GS= 2.847

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.887	.946	.720
MINIMUM X	-1.089	-.990	-.872
MAXIMUM Y	1.246	1.117	.998
MINIMUM Y	-1.157	-1.018	-1.137
CENTROID X	.024	-.122	-.240
CENTROID Y	.033	-.106	.013
POR TO CENTROID in.	.040	.161	.241
MIN RADIUS	.149	.229	.146
MEAN RADIUS	.907	.858	.774
MAX RADIUS	1.529	1.340	1.231
HORIZONTAL SPREAD	1.975	1.936	1.592
VERTICAL SPREAD	2.403	2.135	2.135
EXTREME SPREAD	2.847	2.390	2.390
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

7 Sep 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 3.214

VS= 1.451

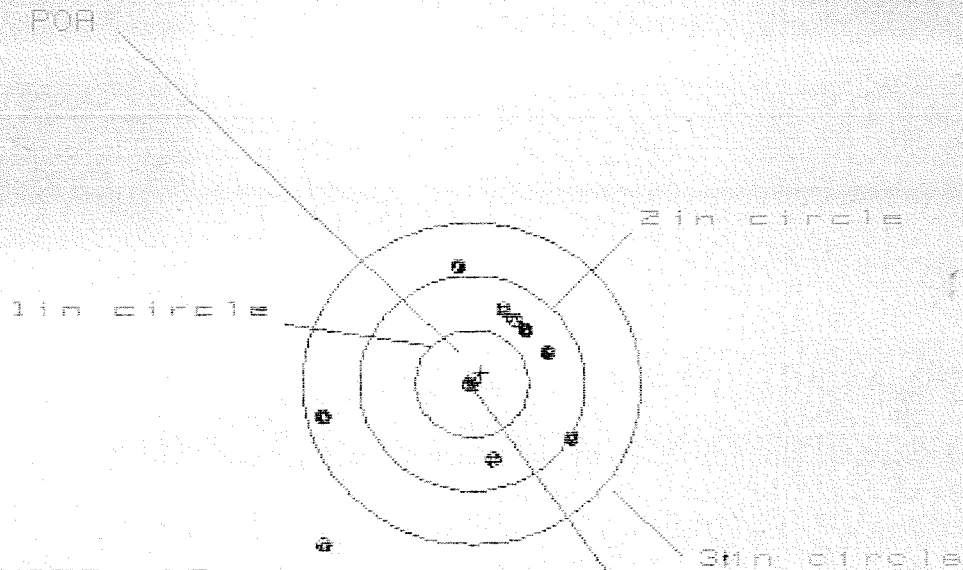
GS= 3.228

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.826	1.186	1.038
MINIMUM X	-1.388	-1.185	-0.780
MAXIMUM Y	.791	.751	.664
MINIMUM Y	-.660	-.700	-.531
CENTROID X	-.197	-.400	-.252
CENTROID Y	.083	.123	.210
POA TO CENTROID in.	.214	.418	.328
MIN RADIUS	.170	.041	.133
MEAN RADIUS	.863	.716	.643
MAX RADIUS	1.861	1.376	1.065
HORIZONTAL SPREAD	3.214	2.371	1.818
VERTICAL SPREAD	1.451	1.451	1.105
EXTREME SPREAD	3.228	2.583	1.970
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

2 Sep 1993

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.163

VS= 2.644

GS= 2.910

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.839	.695	.511
MINIMUM X	-1.324	-1.468	-.415
MAXIMUM Y	1.093	.921	.857
MINIMUM Y	-1.551	-.855	-.919
CENTROID X	-.073	.071	.255
CENTROID Y	-.098	.074	.138
POA TO CENTROID in.	.123	.103	.290
MIN RADIUS	.087	.308	.294
MEAN RADIUS	.910	.738	.589
MAX RADIUS	2.025	1.555	.952
HORIZONTAL SPREAD	2.163	2.163	.926
VERTICAL SPREAD	2.644	1.776	1.776
EXTREME SPREAD	2.910	2.170	1.850
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		