

C6594676

MODEL 700™ M24

Model **SMS**™

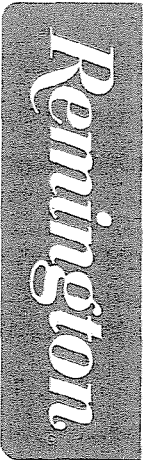
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]

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

DUPONT

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

MODEL 700TM H24

SERIAL NO.
C6594676

ORDER NO.
5716

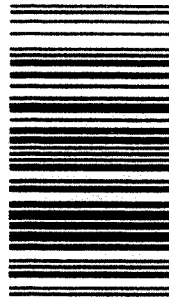
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6594676

UPC



0 47700 25716 7

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594676

DATE 10/27/94

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.37	2.56		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.46	2.26		
PULL #3	2.19	2.32	2.68		
PULL #4	2.34	2.33	2.63		
PULL #5	2.44	2.48	2.53		
TOTAL	11.75	11.96	12.66		
AVG.	2.35	2.39	2.53		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.11		
PULL #2	3.10	3.20		
PULL #3	3.16	3.04		
PULL #4	3.15	3.09		
PULL #5	3.08	3.14		
TOTAL	15.62	15.58		
AVG.	3.12	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.19
PULL #2	4.05	4.00		4.20
PULL #3	4.10	4.06		4.37
PULL #4	4.11	4.02		4.11
PULL #5	4.05	4.04		4.17
TOTAL	20.35	20.12		21.14
AVG.	4.07	4.02		4.23

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594676

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0021627

op. #	OP. NAME	READINGS					DATE	INIT
525 cont.	F) Safety On Force	5	4 3/4	5			11/28	WB
	G) Safety Off Force	3 1/4	3	3 1/4			11/28	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.72	2.73	2.71	2.73	2.66	11/28	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594676**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KH
600	Proof		1/10/91	KH
607	Check Headspace		1/10/91	KH
610	Dis-assemble Gun		1/10/91	KH
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GS
617	Drill and Tap Sight Holes	1 18	91	LB
618	Polish Barrel	1 18	91	WB
620	Apply Coatings (Barrel Action)		2-13-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KH
	C) Inspect Ejector Hole for Chamfer		2/22/91	KH
	D) Oil Firing Pin Ass'y		2/22/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		2-25-91	PH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 $\frac{3}{4}$	5			2-25-91	DH
	G) Safety Off Force	2 $\frac{3}{4}$	3	3			2-25-91	DH
	H) Trigger Pull Test & Retainability						2-25-91	DH
	I) Firing Pin Indent	.0205	.0205	.021			2-25-91	DH
	J) Assemble Stock						2/27/91	KL
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						2/27/91	KL
	M) Iron Sight Alignment						2/27/91	KL
	N) Detach Front & Rear Sights & place in numbered container						2/27/91	KL
	O) Attach Scope to Rifle						2/27/91	KL
	P) Detach & Attach Scope 20 Times						2/27/91	KL
640	Gallery Target & Test						2/28/91	WB
	A) Time						-	KL
	B) Malfunctions						-	WB
	C) Pierced Primers						-	KL
	D) Optical Clarity of Scope						-	WB
645	Inspect for Live Ammo						2/28/91	KL
655	Final Inspection						3/2/91	WB
	A) Headspace							
	B) Trigger Pull	2.27	2.15	2.18	2.15	2.15	3-1-91	KL
	C) Function						3/2/91	WB
660	Pack						3-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594676DATE 2-25-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.70	2.67	2.60	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.56	2.57	2.15	
PULL #3	2.74	2.59	2.67	2.18	
PULL #4	2.60	2.29	2.57	2.15	
PULL #5	2.66	2.76	2.59	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.14		
PULL #2	3.06	3.01		
PULL #3	3.19	3.06		
PULL #4	3.05	3.07		
PULL #5	3.09	3.10		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	3.94		4.07
PULL #2	4.32	4.22		4.07
PULL #3	4.32	4.28		4.19
PULL #4	4.09	4.05		4.23
PULL #5	4.25	4.02		4.04
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594678
1 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.145836
1 TO	2	.238034
1 TO	3	.201259
1 TO	4	.117686
1 TO	5	.23673

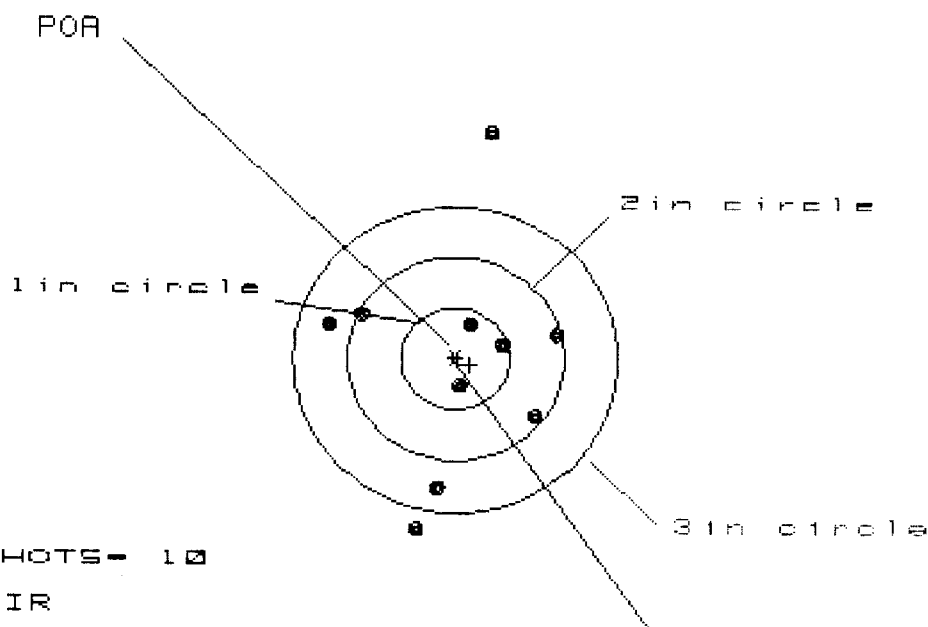
17 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0928
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0076
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0931107
THE AMR FOR THIS RIFLE IS: 1.073

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594676

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.064

VS= 3.945

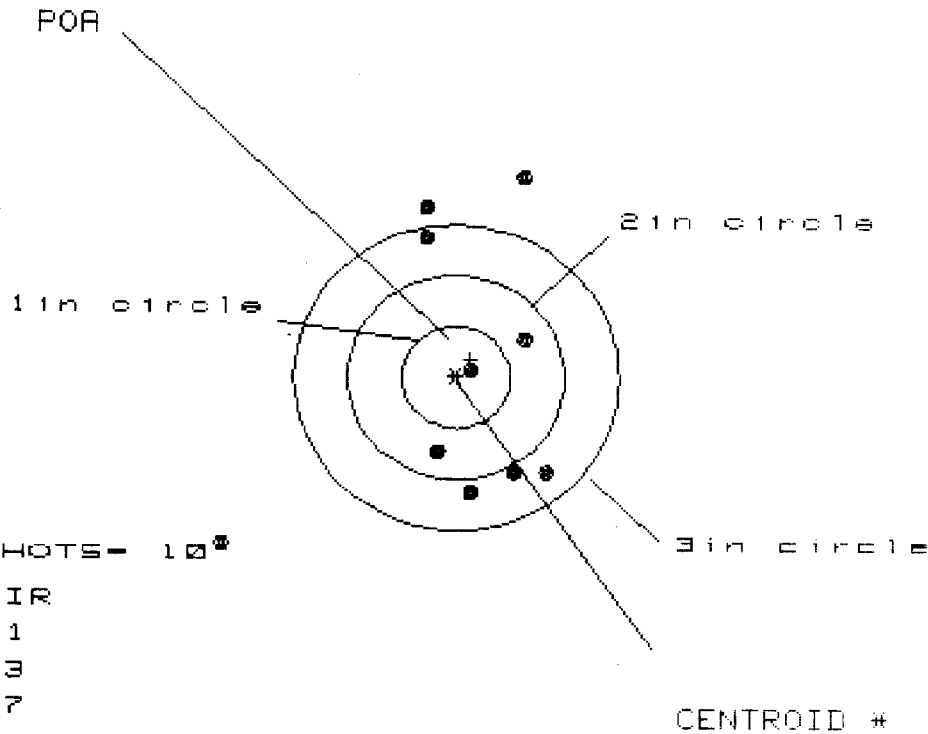
GS= 4.015

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.935	.892
MINIMUM X	:	-1.169	-1.129	-1.172
MAXIMUM Y	:	2.275	.670	.493
MINIMUM Y	:	-1.670	-1.417	-1.136
CENTROID X	:	-.132	-.172	-.129
CENTROID Y	:	.062	-.191	-.014
POA TO CENTROID in.	:	.146	.257	.130
MIN RADIUS	:	.276	.037	.201
MEAN RADIUS	:	1.038	.882	.793
MAX RADIUS	:	2.304	1.458	1.255
HORIZONTAL SPREAD	:	2.064	2.064	2.064
VERTICAL SPREAD	:	3.945	2.087	1.629
EXTREME SPREAD	:	4.015	2.280	2.155
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Mar 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 3.018

VS = 3.557

GS = 4.507

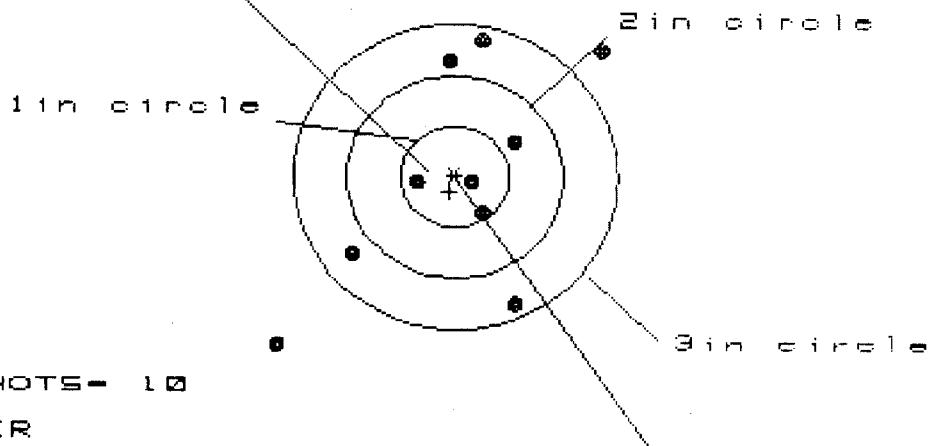
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.842	.600	.644
MINIMUM X	-2.176	-.520	-.476
MAXIMUM Y	1.930	1.749	1.704
MINIMUM Y	-1.627	-1.344	-1.126
CENTROID X	-.128	.114	.070
CENTROID Y	-.176	.005	-.213
POA TO CENTROID in.	.217	.114	.225
MIN RADIUS	.161	.141	.154
MEAN RADIUS	1.301	1.115	1.001
MAX RADIUS	2.717	1.783	1.767
HORIZONTAL SPREAD	3.018	1.120	1.120
VERTICAL SPREAD	3.557	3.093	2.830
EXTREME SPREAD	4.507	3.128	2.857
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

1 Mar 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 3.018

VS= 3.072

GS= 4.194

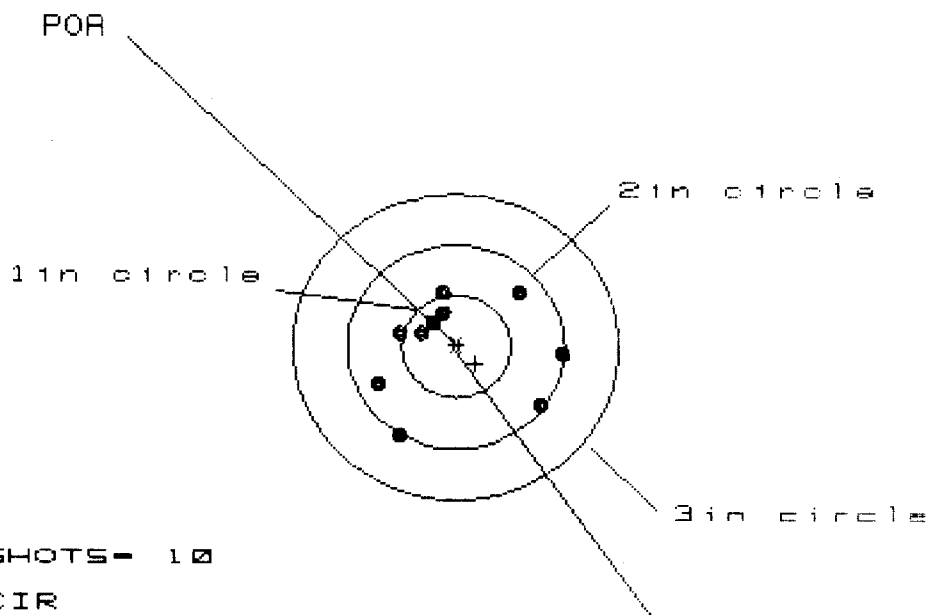
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.374	1.191	.503
MINIMUM X	:	-1.644	-1.161	-1.012
MAXIMUM Y	:	1.397	1.211	1.343
MINIMUM Y	:	-1.674	-1.433	-1.301
CENTROID X	:	.049	.232	.083
CENTROID Y	:	.150	.336	.204
POA TO CENTROID in.	:	.157	.408	.220
MIN RADIUS	:	.123	.201	.108
MEAN RADIUS	:	1.082	.935	.827
MAX RADIUS	:	2.347	1.589	1.387
HORIZONTAL SPREAD	:	3.018	2.352	1.515
VERTICAL SPREAD	:	3.072	2.644	2.644
EXTREME SPREAD	:	4.194	3.110	2.659
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.679

VS= 1.438

GS= 1.764

CENTROID *

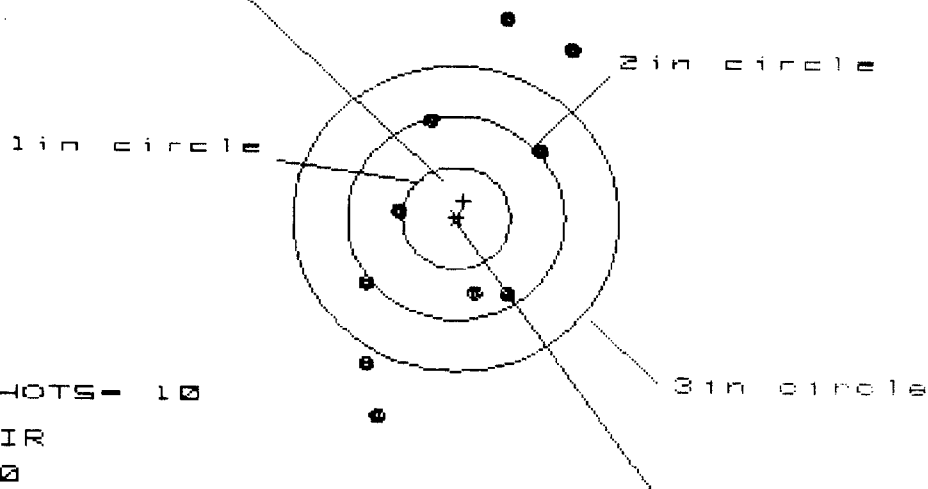
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	.937	.861
MINIMUM X	:	-.688	-.742	-.625
MAXIMUM Y	:	.551	.452	.431
MINIMUM Y	:	-.887	-.634	-.655
CENTROID X	:	-.181	-.127	-.244
CENTROID Y	:	.169	.268	.289
POA TO CENTROID in.	:	.248	.296	.379
MIN RADIUS	:	.267	.248	.137
MEAN RADIUS	:	.656	.603	.515
MAX RADIUS	:	1.010	.978	1.082
HORIZONTAL SPREAD	:	1.679	1.679	1.486
VERTICAL SPREAD	:	1.438	1.086	1.086
EXTREME SPREAD	:	1.764	1.697	1.537
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Mar 1991

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CENTERFIRE PATTERNS # 5

POR



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 3

3 in - 6

HS - 1.881

VS - 3.912

GS - 4.080

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.073	.996	1.045
MINIMUM X	-.808	-.885	-.836
MAXIMUM Y	1.940	1.721	1.667
MINIMUM Y	-1.972	-1.620	-1.405
CENTROID X	-.072	.005	-.044
CENTROID Y	-.167	.052	-.163
POR TO CENTROID in.	.182	.053	.169
MIN RADIUS	.557	.643	.534
MEAN RADIUS	1.290	1.204	1.103
MAX RADIUS	2.089	1.839	1.967
HORIZONTAL SPREAD	1.881	1.881	1.881
VERTICAL SPREAD	3.912	3.341	3.072
EXTREME SPREAD	4.080	3.594	3.594
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	