

C6649152

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

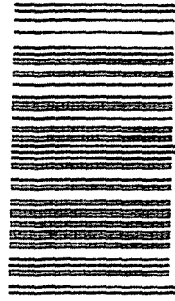
Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

UPC



0 47700 25716 7

Remington [®]		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6649152	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.		ORDER NO. 5716	



5716 C6649152

MOD. _____ GA. CAL. _____ GUN # 9152

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
NF.	8/22	Bolt Closes Hard over shell	KS
	2nd		
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

10CRD
TEST
OK.
7-13-91
DH

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649152

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	FB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		7-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		8/20/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/20/91	KA
	C) Inspect Ejector Hole for Chamfer		8/20/91	KA
	D) Oil Firing Pin Ass'y		8/20/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8/21/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-21-91	DH
	G) Safety Off Force	3	2 1/2	2 1/2			8-21-91	DH
	H) Trigger Pull Test & Retainability						8/21/91	JK
	I) Firing Pin Indent	.020	.020	.022			8-21-91	DH
	J) Assemble Stock						8/21/91	JK
	K) Assemble Swivel Studs						9/23/91	JK
	L) Attach Front and Rear Sight Assemblies						8/21/91	JK
	M) Iron Sight Alignment						8/21/91	JK
	N) Detach Front & Rear Sights & place in numbered container						8/21/91	JK
	O) Attach Scope to Rifle						8/21/91	JK
	P) Detach & Attach Scope 20 Times						8/21/91	JK
640	Gallery Target & Test						8-22-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-22-91	NF
655	Final Inspection							
	A) Headspace						9/13/91	JK
	B) Trigger Pull	2.41	2.20	2.68	2.40	2.45	8/23/91	JK
	C) Function						9/13/91	JK
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. C6649152
DATE 8/21/91
TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.41	2.44	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.41	2.41	2.20	
PULL #3	2.39	2.41	2.44	2.68	
PULL #4	2.22	2.40	2.40	2.40	
PULL #5	2.41	2.58	2.46	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.34		
PULL #2	3.33	3.42		
PULL #3	3.28	3.42		
PULL #4	3.36	3.42		
PULL #5	3.33	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.31		4.40
PULL #2	4.38	4.31		4.40
PULL #3	4.33	4.36		4.39
PULL #4	4.35	4.32		4.42
PULL #5	4.33	4.37		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649152
22 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.20938
1 TO 2	.346482
1 TO 3	.281727
1 TO 4	.193155
1 TO 5	.234957

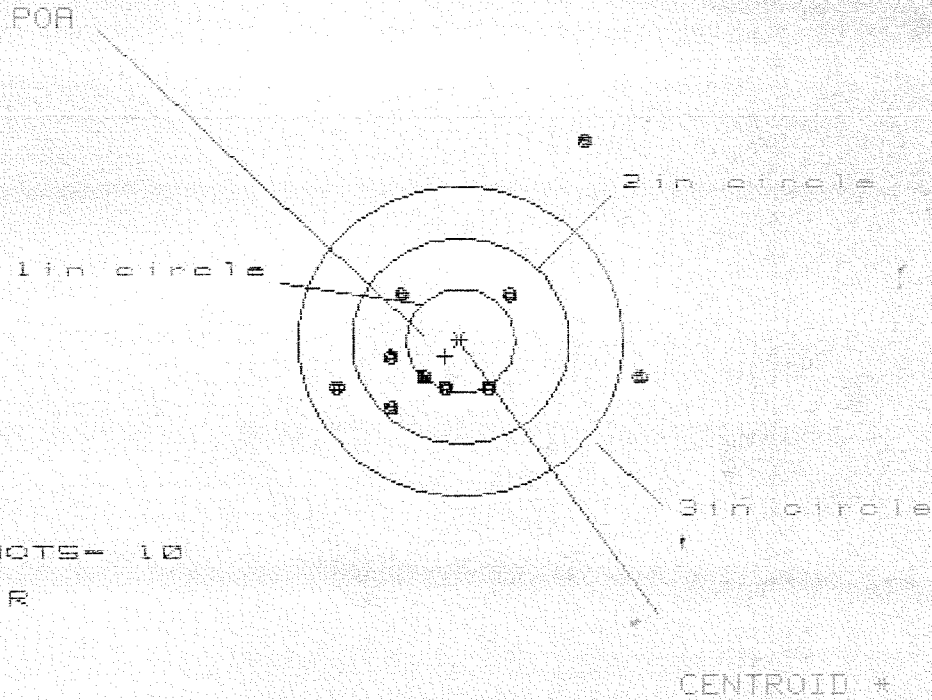
45 <----POA

✓ THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .041
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0386
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0563113
THE AMR FOR THIS RIFLE IS: .9602

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649152

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.766

VS= 2.661

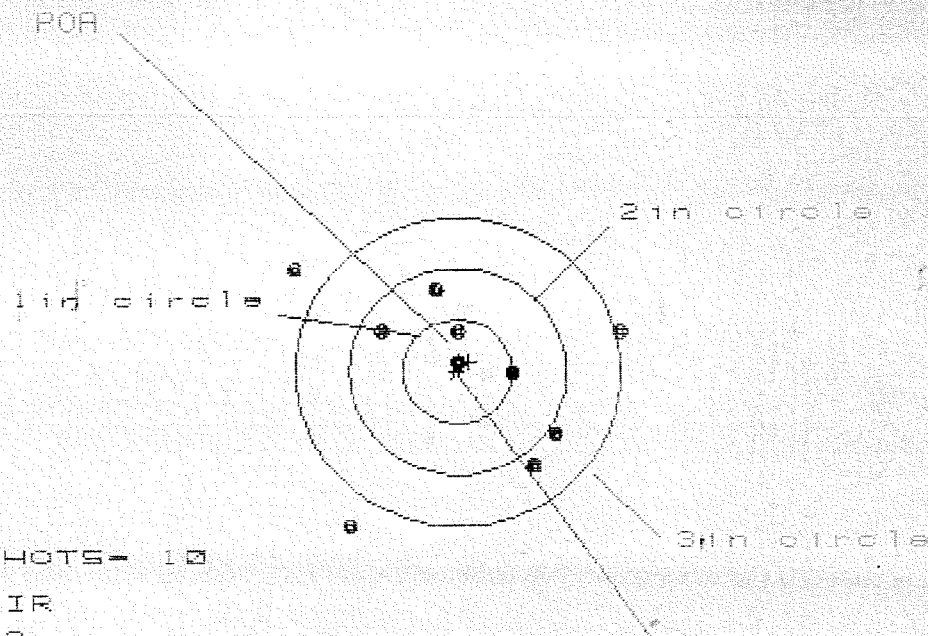
GS= 3.364

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.608	1.736	.762
MINIMUM X	-1.158	-1.030	-.813
MAXIMUM Y	1.990	.686	.672
MINIMUM Y	-.671	-.450	-.464
CENTROID X	.144	.016	-.201
CENTROID Y	.152	-.069	-.055
POA TO CENTROID in.	.209	.071	.209
MIN RADIUS	.469	.241	.103
MEAN RADIUS	.955	.730	.557
MAX RADIUS	2.300	1.740	1.017
HORIZONTAL SPREAD	2.766	2.766	1.575
VERTICAL SPREAD	2.661	1.136	1.136
EXTREME SPREAD	3.364	2.769	1.824
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649152

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.895

VS= 2.549

GS= 3.195

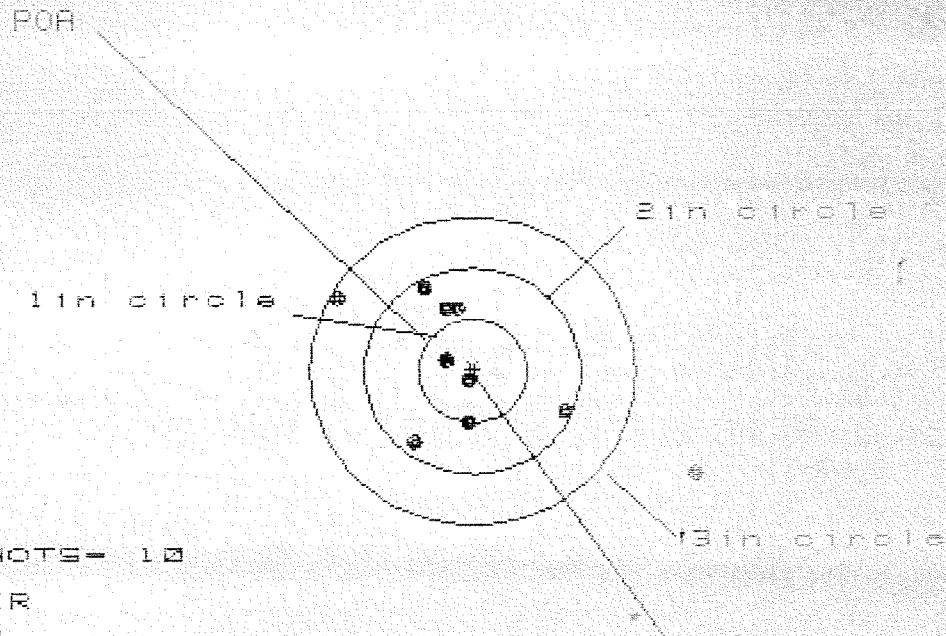
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.485	1.370	1.167
MINIMUM X	:	-1.510	-1.625	-1.049
MAXIMUM Y	:	1.001	.829	.685
MINIMUM Y	:	-1.548	-1.031	-.928
CENTROID X	:	-.101	.014	.217
CENTROID Y	:	-.093	.079	-.024
POA TO CENTROID in.	:	.137	.081	.219
MIN RADIUS	:	.136	.086	.184
MEAN RADIUS	:	1.004	.872	.758
MAX RADIUS	:	1.863	1.824	1.217
HORIZONTAL SPREAD	:	2.995	2.995	2.216
VERTICAL SPREAD	:	2.549	1.860	1.613
EXTREME SPREAD	:	3.195	3.052	2.217
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649152

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 3.247

VS= 1.762

GS= 3.659

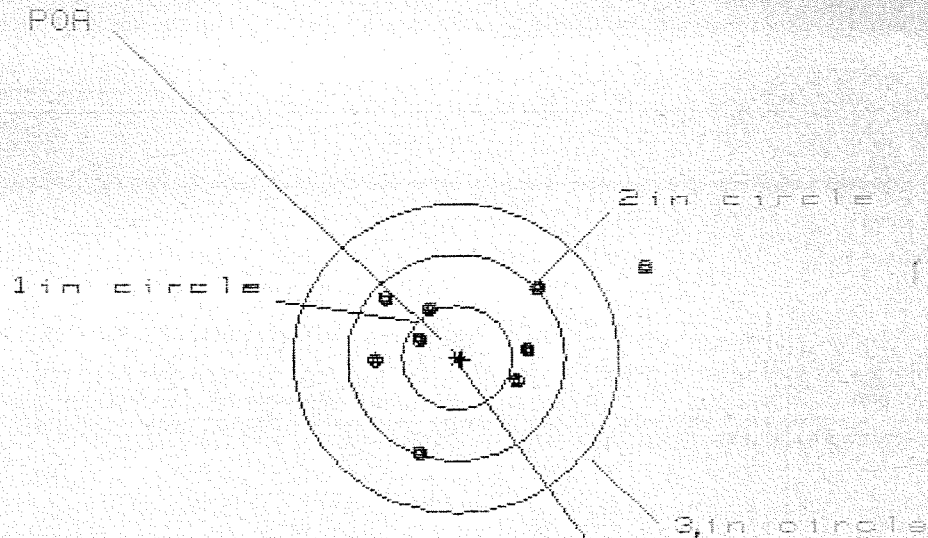
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.014	1.114	.988
MINIMUM X	-1.233	-1.009	-.495
MAXIMUM Y	.762	.651	.723
MINIMUM Y	-1.000	-.791	-.719
CENTROID X	.245	.021	.148
CENTROID Y	-.111	-.000	-.072
POA TO CENTROID in.	.269	.021	.164
MIN RADIUS	.060	.033	.113
MEAN RADIUS	.844	.647	.581
MAX RADIUS	2.248	1.235	1.090
HORIZONTAL SPREAD	3.247	2.123	1.483
VERTICAL SPREAD	1.762	1.442	1.442
EXTREME SPREAD	3.659	2.395	1.775
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649152

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 3.244

VS= 2.655

GS= 4.192

CENTROID *

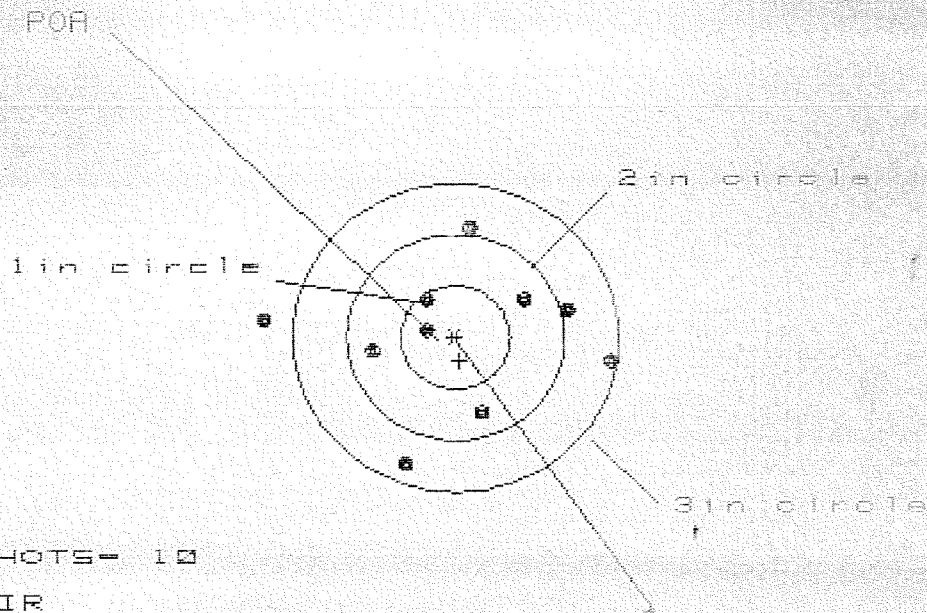
PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.779	1.616	.825
MINIMUM X	-1.465	-.875	-.673
MAXIMUM Y	.878	.680	.615
MINIMUM Y	-1.777	-1.093	-1.008
CENTROID X	-.049	.114	-.088
CENTROID Y	.018	.216	.131
POA TO CENTROID in.	.052	.244	.158
MIN RADIUS	.355	.470	.276
MEAN RADIUS	1.003	.846	.700
MAX RADIUS	2.303	1.753	1.049
HORIZONTAL SPREAD	3.244	2.491	1.498
VERTICAL SPREAD	2.655	1.773	1.623
EXTREME SPREAD	4.192	2.754	1.969
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649152

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 3.204

VS= 2.350

GS= 3.229

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.451	1.256	1.039
MINIMUM X	-1.753	-0.980	-0.823
MAXIMUM Y	1.096	1.110	1.078
MINIMUM Y	-1.254	-1.240	-1.272
CENTROID X	-0.034	.161	.084
CENTROID Y	.227	.213	.245
POA TO CENTROID in.	.229	.266	.245
MIN RADIUS	.324	.517	.357
MEAN RADIUS	.995	.912	.841
MAX RADIUS	1.757	1.426	1.385
HORIZONTAL SPREAD	3.204	2.236	1.862
VERTICAL SPREAD	2.350	2.350	2.350
EXTREME SPREAD	3.229	2.450	2.450
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	