

C6611587

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

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

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6611587

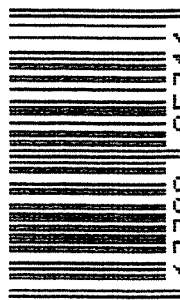
ORDER NO.
5716

46



5716 C6611587

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611587

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	KR
615	Rollmark Caliber	APR	2 1991	LS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	HA
	Apply Coating (Bolt)			P
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-17-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/18/91	SL
	G) Safety Off Force	4	4	4			4/18/91	SL
	H) Trigger Pull Test & Retainability						4-17-91	DH
	I) Firing Pin Indent	.022	.0225	.0225			4/18/91	SL
	J) Assemble Stock						4/19/91	RW
	K) Assemble Swivel Studs						4-22-91	DH
	L) Attach Front and Rear Sight Assemblies						4/19/91	RW
	M) Iron Sight Alignment						4/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/19/91	RW
	O) Attach Scope to Rifle						4/19/91	RW
	P) Detach & Attach Scope 20 Times						4/19/91	RW
640	Gallery Target & Test						4-19-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-19-91	NF
655	Final Inspection							
	A) Headspace						4-22-91	DH
	B) Trigger Pull	2.58	2.60	2.50	2.54	2.54	4/23/91	SL
	C) Function						4-22-91	DH
660	Pack						6-17-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CCG11587

DATE 4-17-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.62	2.61	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.61	2.78	2.60	
PULL #3	2.55	2.58	2.81	2.50	
PULL #4	2.50	2.61	2.81	2.54	
PULL #5	2.34	2.62	2.79	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.51		
PULL #2	3.30	3.50		
PULL #3	3.46	3.43		
PULL #4	3.65	3.48		
PULL #5	3.55	3.62		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.50		4.15
PULL #2	4.68	4.40		4.10
PULL #3	4.09	4.49		3.99
PULL #4	4.53	4.51		4.00
PULL #5	4.51	4.43		4.09
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611587
19 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.139284
1 TO	2	.208
1 TO	3	.143171
1 TO	4	.413266
1 TO	5	.233238

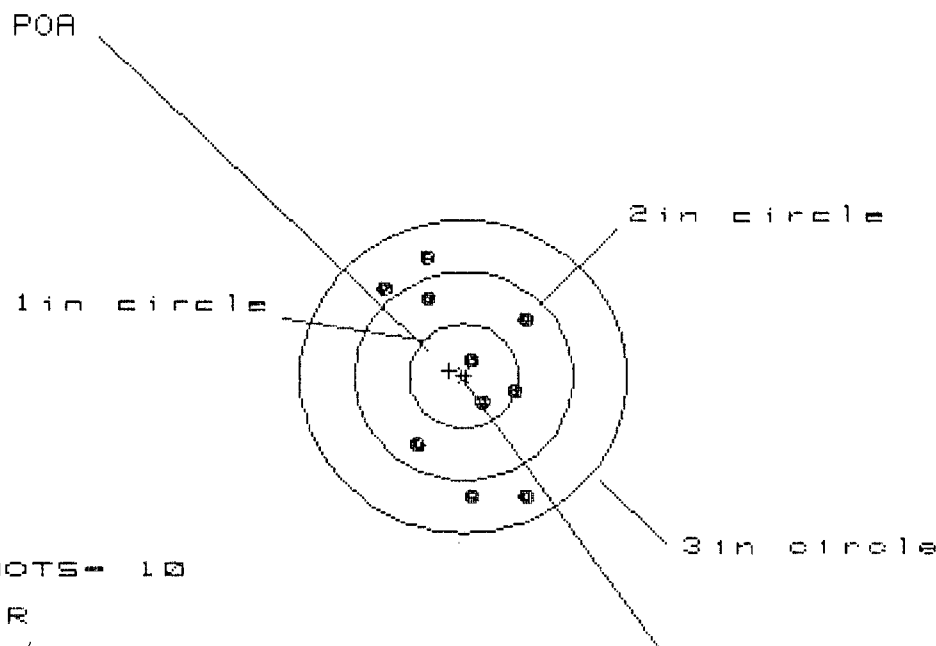
$\frac{4}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0298
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0048
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0301841
THE AMR FOR THIS RIFLE IS: 1.064

19 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611587

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.272

VS= 2.357

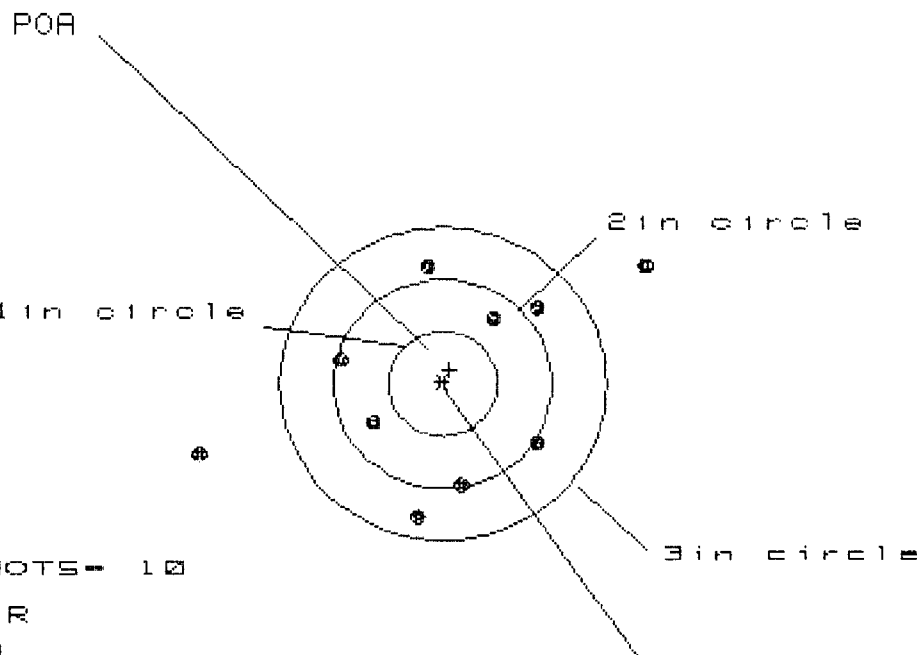
GS= 2.523

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.559	.620	.585
MINIMUM X	-.713	-.651	-.686
MAXIMUM Y	1.173	1.041	.840
MINIMUM Y	-1.184	-1.294	-1.164
CENTROID X	.130	.068	.103
CENTROID Y	-.050	.082	-.048
POA TO CENTROID in.	.139	.106	.114
MIN RADIUS	.210	.179	.225
MEAN RADIUS	.824	.769	.717
MAX RADIUS	1.309	1.298	1.166
HORIZONTAL SPREAD	1.272	1.271	1.271
VERTICAL SPREAD	2.357	2.335	2.004
EXTREME SPREAD	2.523	2.367	2.143
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 4.124

VS= 2.396

GS= 4.487

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.853	1.601	.844
MINIMUM X	:	-2.271	-1.202	-1.002
MAXIMUM Y	:	1.112	1.039	1.140
MINIMUM Y	:	-1.284	-1.357	-1.227
CENTROID X	:	-.062	.190	-.010
CENTROID Y	:	-.130	-.057	-.187
POA TO CENTROID in.	:	.144	.199	.188
MIN RADIUS	:	.752	.586	.771
MEAN RADIUS	:	1.252	1.111	.997
MAX RADIUS	:	2.363	1.909	1.255
HORIZONTAL SPREAD	:	4.124	2.803	1.846
VERTICAL SPREAD	:	2.396	2.396	2.367
EXTREME SPREAD	:	4.487	3.164	2.368
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.646

VS= 3.451

GS= 3.824

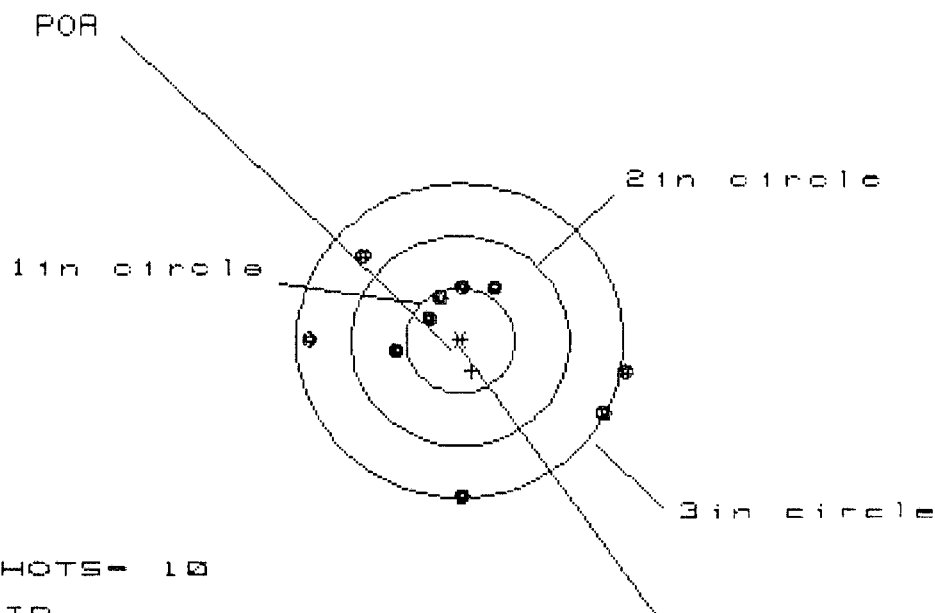
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.457	1.325	1.231
MINIMUM X	:	-1.189	-.981	-1.075
MAXIMUM Y	:	1.579	1.633	1.421
MINIMUM Y	:	-1.873	-1.697	-1.546
CENTROID X	:	-.003	.129	.223
CENTROID Y	:	-.103	-.278	-.066
POA TO CENTROID in.	:	.103	.307	.233
MIN RADIUS	:	.448	.405	.377
MEAN RADIUS	:	1.281	1.178	1.094
MAX RADIUS	:	1.976	1.856	1.760
HORIZONTAL SPREAD	:	2.646	2.306	2.306
VERTICAL SPREAD	:	3.451	3.330	2.967
EXTREME SPREAD	:	3.824	3.468	3.468
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.903

VS= 2.228

GS= 2.920

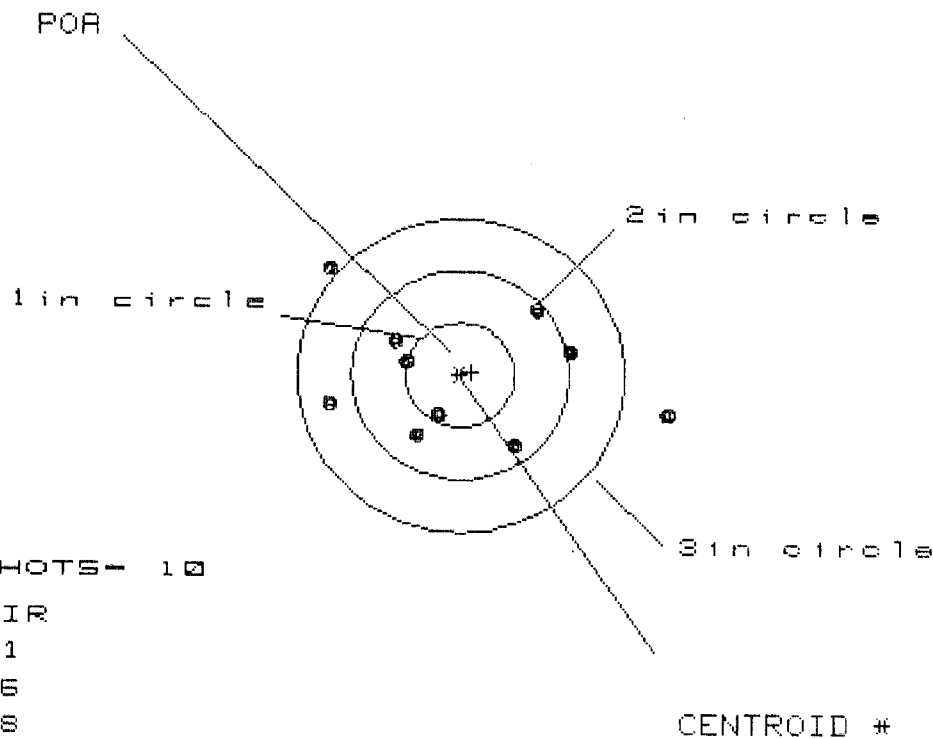
CENTROID #

PATTERN #	4	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.544	1.506	.708
MINIMUM X	-1.359	-1.188	-1.000
MAXIMUM Y	.769	.738	.646
MINIMUM Y	-1.459	-1.490	-1.582
CENTROID X	-.112	-.283	-.472
CENTROID Y	.285	.316	.408
POR TO CENTROID in.	.306	.425	.623
MIN RADIUS	.355	.236	.174
MEAN RADIUS	.960	.851	.701
MAX RADIUS	1.569	1.674	1.629
HORIZONTAL SPREAD	2.903	2.694	1.707
VERTICAL SPREAD	2.228	2.228	2.228
EXTREME SPREAD	2.920	2.791	2.406
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.133

VS= 1.771

GS= 3.371

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.894	1.236	1.116
MINIMUM X	-1.239	-1.028	-1.148
MAXIMUM Y	1.071	1.034	.690
MINIMUM Y	-.700	-.737	-.608
CENTROID X	-.102	-.313	-.193
CENTROID Y	-.026	.011	-.118
POA TO CENTROID in.	.105	.313	.226
MIN RADIUS	.464	.288	.340
MEAN RADIUS	1.005	.864	.792
MAX RADIUS	1.924	1.409	1.164
HORIZONTAL SPREAD	3.133	2.264	2.264
VERTICAL SPREAD	1.771	1.771	1.298
EXTREME SPREAD	3.371	2.434	2.310
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		