

06594587

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

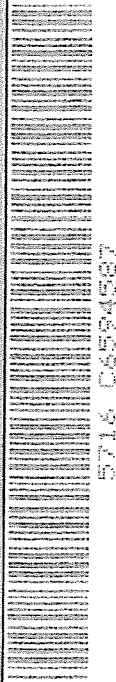
MODEL 700TM H2A

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

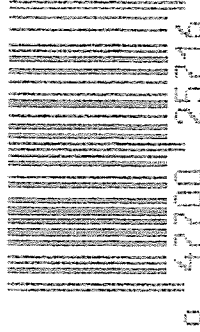
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6594587

ORDER NO. 5716



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594587

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/8/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/29/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/29/91	KS
	C) Inspect Ejector Hole for Chamfer		1/29/91	KS
	D) Oil Firing Pin Ass'y		1/29/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/30/91	9/1

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/30/91	WB
	G) Safety Off Force	3	3	3			1/30/91	WB
	H) Trigger Pull Test & Retainability						1/30/91	JK
	I) Firing Pin Indent	.0205	.021	.0205			1/30/91	WB
	J) Assemble Stock						1/30/91	KS
	K) Assemble Swivel Studs					2-4-91	1/30/91	AC
	L) Attach Front and Rear Sight Assemblies						1/30/91	KS
	M) Iron Sight Alignment						1/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/30/91	KS
	O) Attach Scope to Rifle						1/30/91	KS
	P) Detach & Attach Scope 20 Times						1/30/91	KS
640	Gallery Target & Test						1-31-91	DH
	A) Time						1-31-91	DH
	B) Malfunctions						1-31-91	DH
	C) Pierced Primers						1-31-91	DH
	D) Optical Clarity of Scope						1-31-91	DH
645	Inspect for Live Ammo						1-31-91	DH
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2.31	2.17	2.22	2.23	2.22	2-4-91	JK
	C) Function						2-4-91	AC
660	Pack						3-18-91	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6594587

DATE 1-30-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.47	2.24	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.27	2.20	2.17	
PULL #3	2.44	2.53	2.15	2.22	
PULL #4	2.16	2.49	2.22	2.23	
PULL #5	2.50	2.34	2.20	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.34		
PULL #2	3.26	3.11		
PULL #3	3.25	3.26		
PULL #4	3.23	3.34		
PULL #5	3.24	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.50		4.35
PULL #2	4.22	4.37		4.13
PULL #3	4.28	4.47		4.15
PULL #4	4.43	4.32		4.24
PULL #5	4.32	4.48		4.14
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594587
31 Jan 1991

CENTROIDAL DISTANCES

0 TO 1	.180314
1 TO 2	.457739
1 TO 3	.137321
1 TO 4	.255885
1 TO 5	.0857263

#2 <----POA

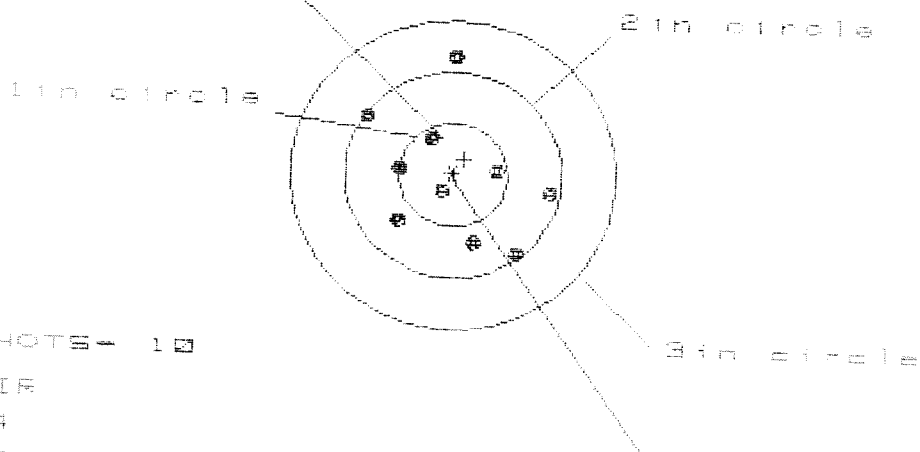
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0376
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0416005
THE AMR FOR THIS RIFLE IS: .8064

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C63945B7

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

1st = 1.636

2nd = 1.860

3rd = 1.946

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.881

.881

.787

MINIMUM X

:

-.755

-.755

-.562

MAXIMUM Y

:

1.140

.679

.541

MINIMUM Y

:

-.720

-.593

-.508

CENTROID X

:

-.097

-.097

-.063

CENTROID Y

:

-.152

-.279

-.364

FOR TO CENTROID in.

:

.181

.295

.364

MIN RADIUS

:

.229

.149

.234

MEAN RADIUS

:

.666

.600

.549

MAX RADIUS

:

1.140

1.015

.788

HORIZONTAL SPREAD

:

1.636

1.636

1.339

VERTICAL SPREAD

:

1.860

1.272

1.049

EXTREME SPREAD

:

1.946

1.837

1.366

NUMBER IN ONE INCH CIRCLE =

:

4

NUMBER IN TWO INCH CIRCLE =

:

9

NUMBER IN THREE INCH CIRCLE =

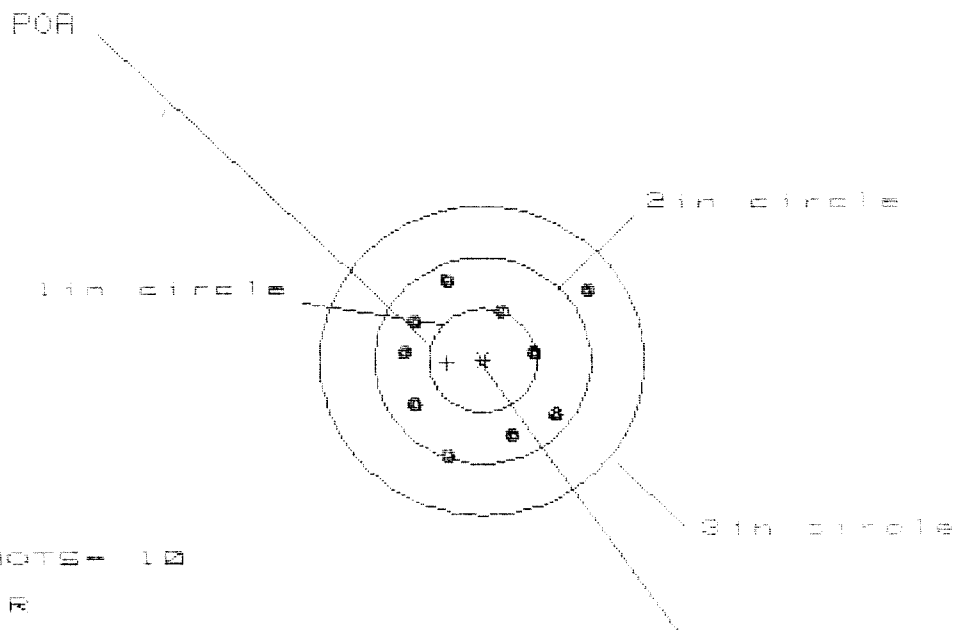
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10

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534587

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 9

3 in = 10

HS= 1.719

VS= 1.729

GS= 2.062

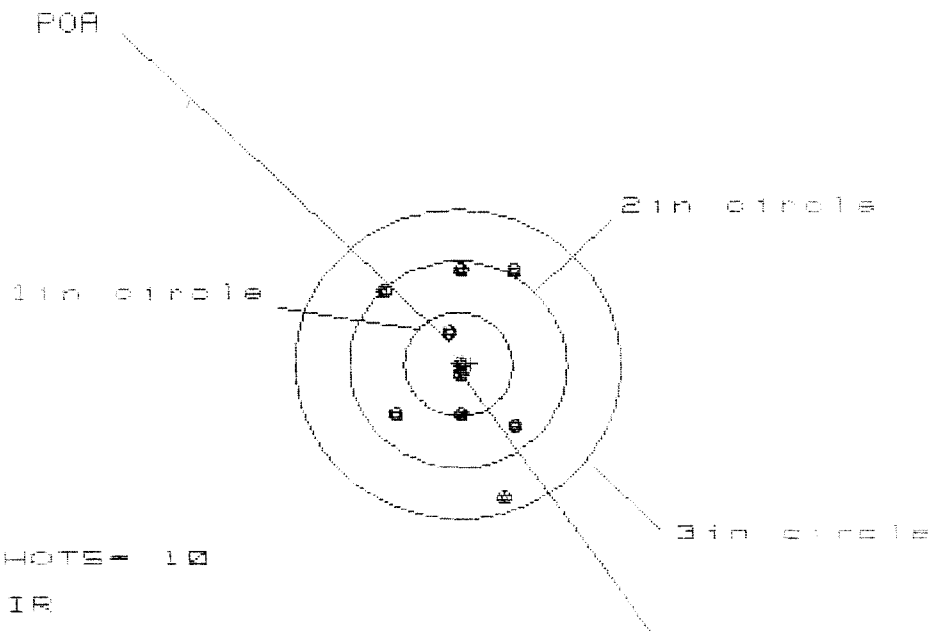
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.992	.826	.793
MINIMUM X	:	-.727	-.617	-.650
MAXIMUM Y	:	.826	.897	.793
MINIMUM Y	:	-.903	-.832	-.744
CENTROID X	:	.328	.218	.251
CENTROID Y	:	.018	-.053	.051
POA TO CENTROID in.	:	.329	.224	.256
MIN RADIUS	:	.501	.619	.513
MEAN RADIUS	:	.792	.742	.714
MAX RADIUS	:	1.181	.921	.940
HORIZONTAL SPREAD	:	1.719	1.443	1.443
VERTICAL SPREAD	:	1.729	1.729	1.537
EXTREME SPREAD	:	2.062	1.730	1.658
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/06594587

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 1.129

VS = 2.191

GS = 2.257

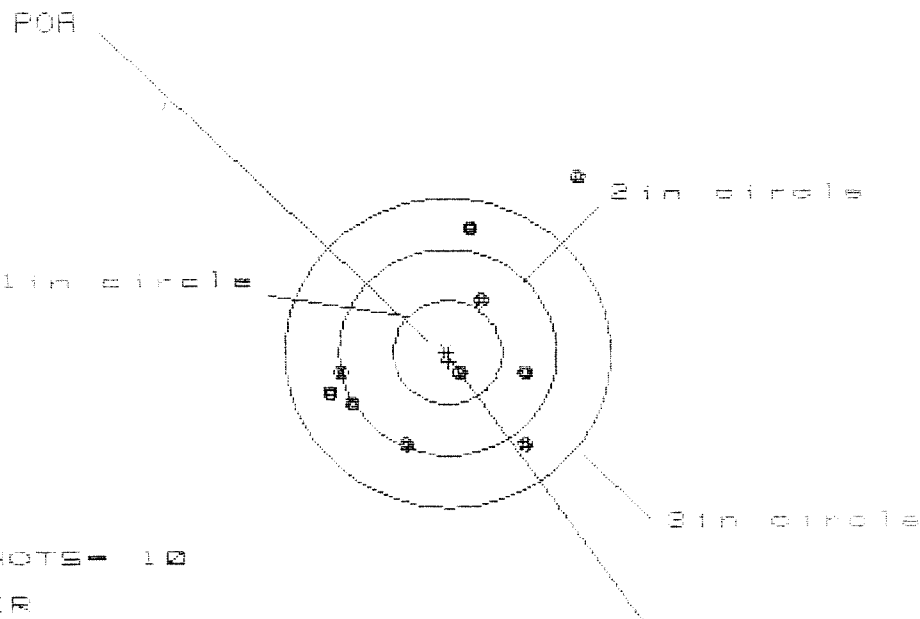
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.483	.528	.593
MINIMUM X	-.646	-.601	-.535
MAXIMUM Y	.945	.806	.828
MINIMUM Y	-1.246	-.734	-.633
CENTROID X	-.116	-.161	-.226
CENTROID Y	-.016	.123	.022
POA TO CENTROID in.	.117	.203	.227
MIN RADIUS	.029	.142	.090
MEAN RADIUS	.668	.606	.546
MAX RADIUS	1.312	.958	.891
HORIZONTAL SPREAD	1.129	1.129	1.129
VERTICAL SPREAD	2.191	1.540	1.461
EXTREME SPREAD	2.257	1.778	1.756
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594567

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 3.222

VS= 3.588

GS= 3.057

CENTROID #

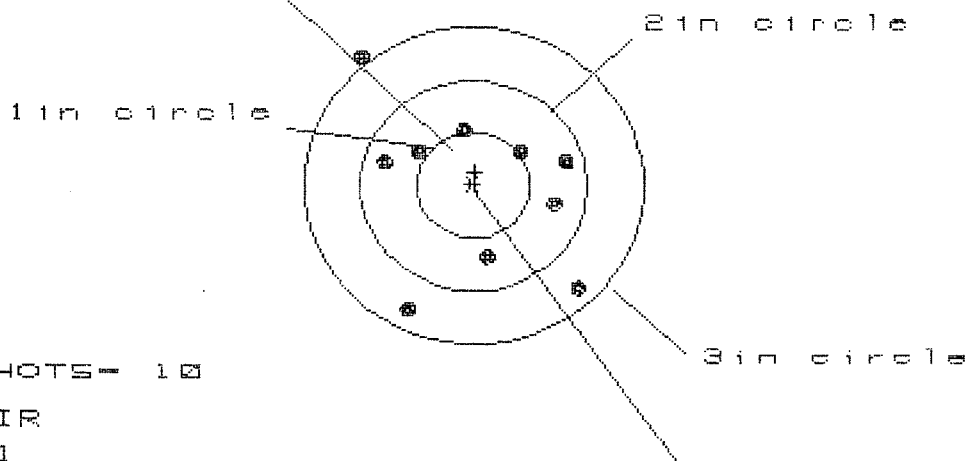
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.181	.888	.932
MINIMUM X	:	-1.041	-.910	-.866
MAXIMUM Y	:	1.674	1.385	.884
MINIMUM Y	:	-.925	-.739	-.566
CENTROID X	:	-.011	-.142	-.186
CENTROID Y	:	.089	-.097	-.270
POA TO CENTROID in.	:	.090	.172	.328
MIN RADIUS	:	.217	.210	.298
MEAN RADIUS	:	1.013	.867	.780
MAX RADIUS	:	2.049	1.429	1.025
HORIZONTAL SPREAD	:	2.222	1.798	1.798
VERTICAL SPREAD	:	2.599	2.124	1.450
EXTREME SPREAD	:	3.057	2.205	1.809
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6594587

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.908

VS= 2.404

GS= 2.958

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	.800	.816
MINIMUM X	:	-.998	-.893	-.794
MAXIMUM Y	:	1.266	.682	.575
MINIMUM Y	:	-1.138	-.997	-1.104
CENTROID X	:	-.015	.095	-.004
CENTROID Y	:	-.127	-.268	-.161
POA TO CENTROID in.	:	.128	.284	.161
MIN RADIUS	:	.490	.525	.504
MEAN RADIUS	:	.893	.809	.749
MAX RADIUS	:	1.612	1.203	1.243
HORIZONTAL SPREAD	:	1.908	1.693	1.609
VERTICAL SPREAD	:	2.404	1.679	1.679
EXTREME SPREAD	:	2.958	2.099	1.955
NUMBER IN ONE INCH CIRCLE =	:		1	
NUMBER IN TWO INCH CIRCLE =	:		7	
NUMBER IN THREE INCH CIRCLE =	:		9	