

C6511436

MODEL 700™ M24

Model **SWS**™

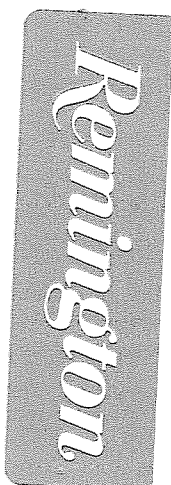
Action

Barrel Length

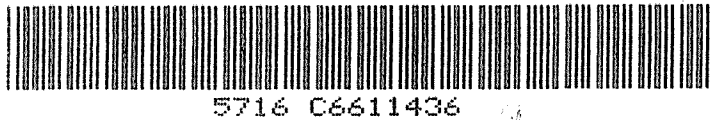
Capacity

Order No. **5715**

*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. C6611436
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.		20	ORDER NO. 5716



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611436**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	Kf.
600	Proof		3/18/91	Kf.
607	Check Headspace		3/18/91	Kf.
610	Dis-assemble Gun		3/18/91	Kf.
612	Magnaflux Barrel Action		3/23/91	KR
	Magnaflux Bolt		4	KR
615	Rollmark Caliber		4	GL
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4/12/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/23/91	KS
	C) Inspect Ejector Hole for Chamfer		4/23/91	KS
	D) Oil Firing Pin Ass'y		4/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/24/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/24/91	JK
	G) Safety Off Force	3	3	3			4/24/91	JK
	H) Trigger Pull Test & Retainability						4/24/91	JK
	I) Firing Pin Indent	.023	.023	.023			4/24/91	JK
	J) Assemble Stock						4/25/91	KS
	K) Assemble Swivel Studs						5-16-91	DH
	L) Attach Front and Rear Sight Assemblies						4/26/91	KS
	M) Iron Sight Alignment						4/26/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/26/91	KS
	O) Attach Scope to Rifle						4/26/91	KS
	P) Detach & Attach Scope 20 Times						4/26/91	KS
640	Gallery Target & Test						4-29-91	DH
	A) Time						4-29-91	DH
	B) Malfunctions						4-29-91	DH
	C) Pierced Primers						4-29-91	DH
	D) Optical Clarity of Scope						4-29-91	DH
645	Inspect for Live Ammo						4-29-91	DH
655	Final Inspection							
	A) Headspace						5-16-91	DH
	B) Trigger Pull	2.56	2.55	2.56	2.53	2.57	5/14/91	JK
	C) Function						5-16-91	DH
660	Pack						6-19-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611436

DATE 4/24/97 (9)

TESTER JM (H)

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.17	2.33	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.33	2.30	2.55	
PULL #3	2.35	2.26	2.28	2.56	
PULL #4	2.31	2.39	2.40	2.53	
PULL #5	2.33	2.13	2.40	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.51	3.35			
PULL #2	3.56	3.58			
PULL #3	3.37	3.45			
PULL #4	3.39	3.45			
PULL #5	3.43	3.47			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET-TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.58		4.58
PULL #2	4.28	4.55		4.40
PULL #3	4.40	4.21		4.43
PULL #4	4.24	4.38		4.40
PULL #5	4.36	4.30		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611436
29 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.145962
1 TO 2	.249201
1 TO 3	.16225
1 TO 4	.0164924
1 TO 5	.329014

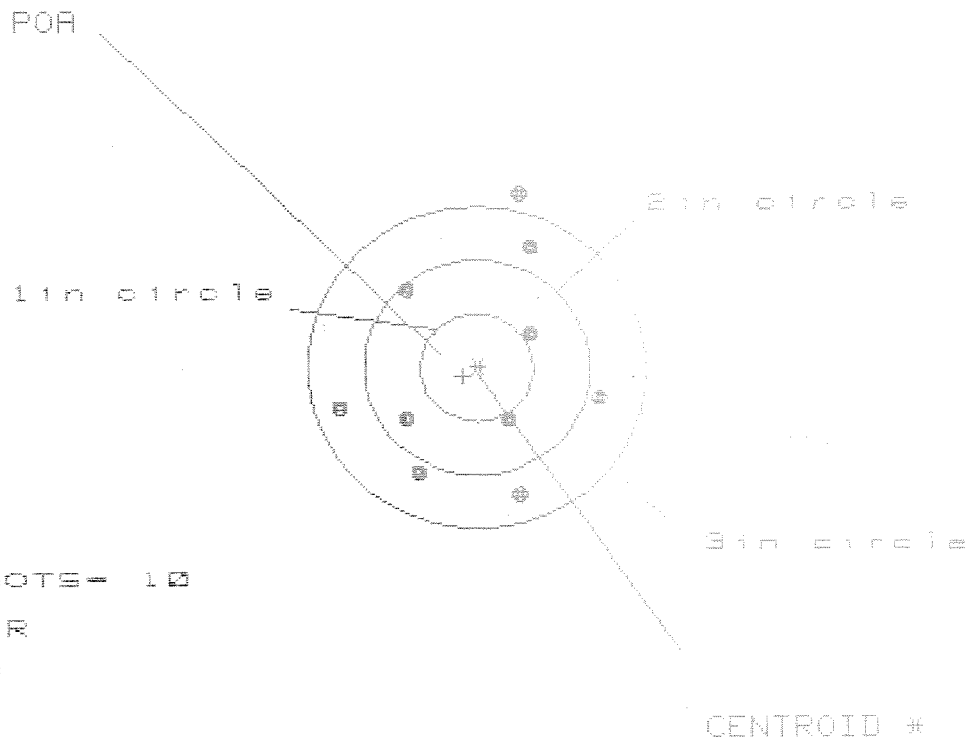
245 <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0268
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142346
THE BDF FOR THIS RIFLE IS: .8436

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611436

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.342

VS= 2.776

GS= 2.776

PATTERN #

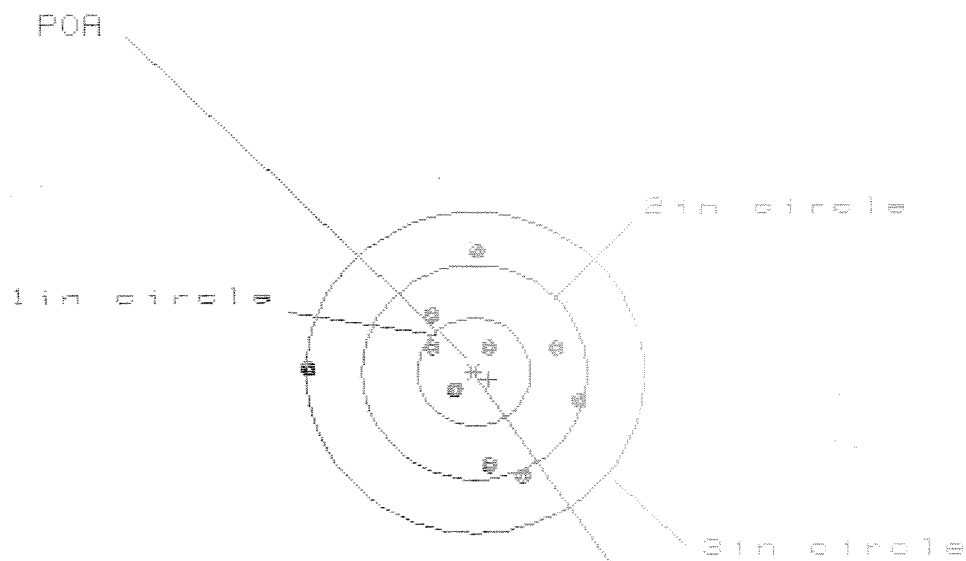
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.096	1.137	.986
MINIMUM X	-1.246	-1.205	-.759
MAXIMUM Y	1.582	1.300	1.276
MINIMUM Y	-1.194	-1.018	-1.042
CENTROID X	.124	.083	.234
CENTROID Y	.077	-.099	-.074
POA TO CENTROID in.	.146	.129	.245
MIN RADIUS	.554	.436	.382
MEAN RADIUS	1.054	.968	.925
MAX RADIUS	1.624	1.403	1.330
HORIZONTAL SPREAD	2.342	2.342	1.745
VERTICAL SPREAD	2.776	2.318	2.318
EXTREME SPREAD	2.776	2.346	2.345
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611438

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.399

VS= 2.189

GS= 2.415

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.951	.790	.774
MINIMUM X	-1.448	-.534	-.550
MAXIMUM Y	1.177	1.176	.678
MINIMUM Y	-1.011	-1.013	-.865
CENTROID X	-.125	.036	.052
CENTROID Y	.067	.068	-.079
POA TO CENTROID in.	.141	.077	.095
MIN RADIUS	.254	.248	.338
MEAN RADIUS	.798	.727	.673
MAX RADIUS	1.448	1.184	.893
HORIZONTAL SPREAD	2.399	1.324	1.324
VERTICAL SPREAD	2.189	2.189	1.544
EXTREME SPREAD	2.415	2.219	1.726
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 5

2in = 9

3in = 10

HS = .956

VS = 1.866

GS = 1.885

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .335

.318

.331

MINIMUM X : -.621

-.638

-.625

MAXIMUM Y : 1.091

.749

.667

MINIMUM Y : -.775

-.654

-.550

CENTROID X : .133

.149

.136

CENTROID Y : -.085

-.206

-.124

POA TO CENTROID in.: .157

.254

.184

MIN RADIUS : .316

.271

.340

MEAN RADIUS : .587

.506

.493

MAX RADIUS : 1.100

.832

.753

HORIZONTAL SPREAD : .956

.956

.956

VERTICAL SPREAD : 1.866

1.403

1.217

EXTREME SPREAD : 1.885

1.479

1.313

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

9

NUMBER IN THREE INCH CIRCLE =

10

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611436

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.487

VS= 2.266

GS= 2.343

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.599

.637

.582

MINIMUM X

:

-.888

-.850

-.905

MAXIMUM Y

:

1.358

.681

.596

MINIMUM Y

:

-.908

-.758

-.843

CENTROID X

:

.128

.090

.145

CENTROID Y

:

.093

-.057

.028

POA TO CENTROID in.

:

.158

.107

.148

MIN RADIUS

:

.130

.285

.189

MEAN RADIUS

:

.729

.657

.621

MAX RADIUS

:

1.400

.885

.919

HORIZONTAL SPREAD

:

1.487

1.487

1.487

VERTICAL SPREAD

:

2.266

1.439

1.439

EXTREME SPREAD

:

2.343

1.644

1.644

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

9

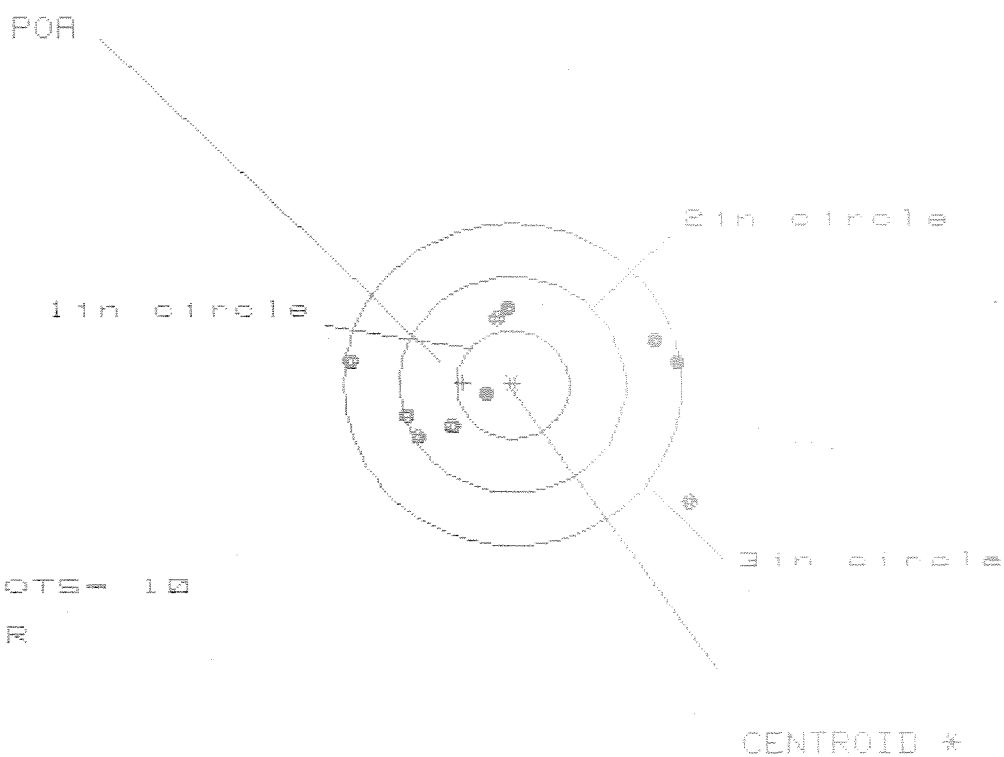
NUMBER IN THREE INCH CIRCLE =

10

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611436

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 3.002

VS= 1.855

GS= 3.303

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.536	1.584	1.422
MINIMUM X	-1.466	-1.296	-.973
MAXIMUM Y	.736	.611	.628
MINIMUM Y	-1.119	-.557	-.540
CENTROID X	.439	.269	.431
CENTROID Y	-.018	.107	.090
POA TO CENTROID in.	.440	.289	.440
MIN RADIUS	.279	.232	.322
MEAN RADIUS	1.050	.910	.881
MAX RADIUS	1.900	1.587	1.427
HORIZONTAL SPREAD	3.002	2.880	2.395
VERTICAL SPREAD	1.855	1.168	1.168
EXTREME SPREAD	3.303	2.880	2.447
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		