

C6636252

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
 MODEL 700TM H24

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

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

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

SERIAL NO. C6636252

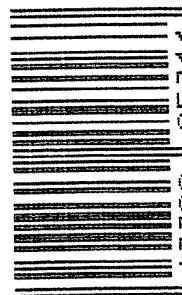
ORDER NO. 5716

20



5716 C6636252

LPC

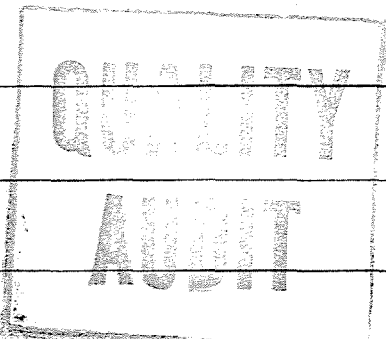


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CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636252

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KA
600	Proof		6/25/91	KA
607	Check Headspace		6/25/91	KA
610	Dis-assemble Gun		6/25/91	KA
612	Magnaflux Barrel Action		JUL 1 8 1991	GS
	Magnaflux Bolt		JUL 1 8 1991	GS
615	Rollmark Caliber		JUL 1 8 1991	GS
617	Drill and Tap Sight Holes		JUL 1 8 1991	LB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		8-7-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	KA
	C) Inspect Ejector Hole for Chamfer		8/27/91	KA
	D) Oil Firing Pin Ass'y		8/27/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	6	6			8/28/91	QU
	G) Safety Off Force	4	4	4			8/28/91	QU
	H) Trigger Pull Test & Retainability						8/28/91	QU
	I) Firing Pin Indent	0023	0023	0023			8/28/91	QU
	J) Assemble Stock						8/28/91	QU
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/28/91	QU
	M) Iron Sight Alignment						8/28/91	QU
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	QU
	O) Attach Scope to Rifle						8/28/91	QU
	P) Detach & Attach Scope 20 Times						8/28/91	QU
640	Gallery Target & Test						8-29-91	AC
	A) Time						8-29-91	AC
	B) Malfunctions						8-29-91	AC
	C) Pierced Primers						8-29-91	AC
	D) Optical Clarity of Scope						8-29-91	AC
645	Inspect for Live Ammo						8-29-91	AC
655	Final Inspection						8-31-91	DH
	A) Headspace						8-31-91	DH
	B) Trigger Pull	278	279	271	279	277	8-29-91	DH
	C) Function						8-31-91	DH
660	Pack						9-17-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636252

DATE 8/28/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.52	2.53	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.48	2.48	2.79	
PULL #3	2.44	2.48	2.45	2.71	
PULL #4	2.39	2.50	2.41	2.79	
PULL #5	2.50	2.47	2.44	2.77	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.36		
PULL #2	3.24	3.36		
PULL #3	3.29	3.37		
PULL #4	3.39	3.34		
PULL #5	3.34	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.57	4.51		4.33
PULL #2	4.39	4.45		4.40
PULL #3	4.41	4.43		4.41
PULL #4	4.44	4.47		4.42
PULL #5	4.43	4.23		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636252
29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.182694
1 TO	2	.399682
1 TO	3	.232476
1 TO	4	.511172
1 TO	5	.202356

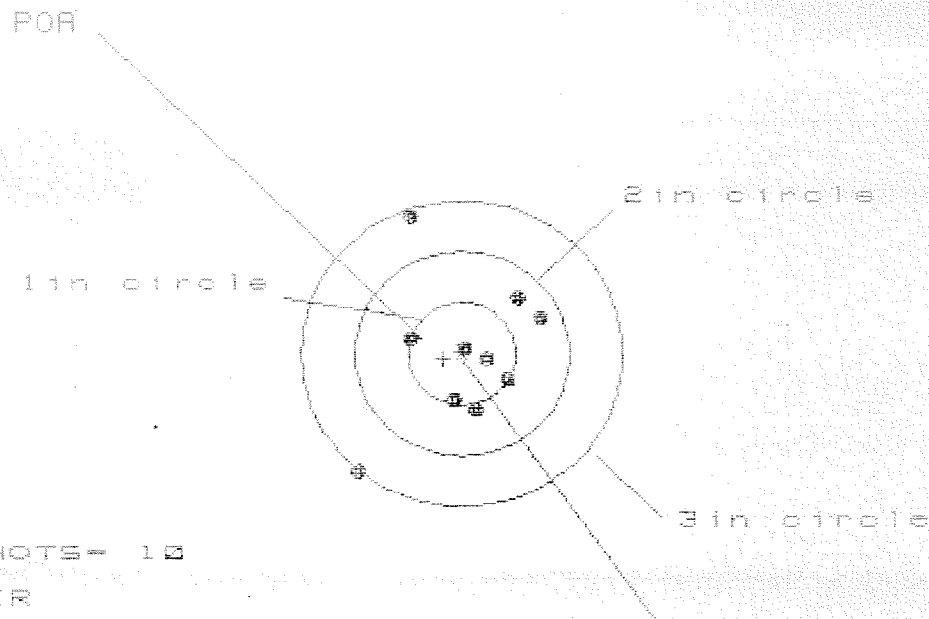
345 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .029
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0308004
THE AMR FOR THIS RIFLE IS: .9244

29 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PATT/06635252

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 1.674

VS= 2.572

GS= 2.631

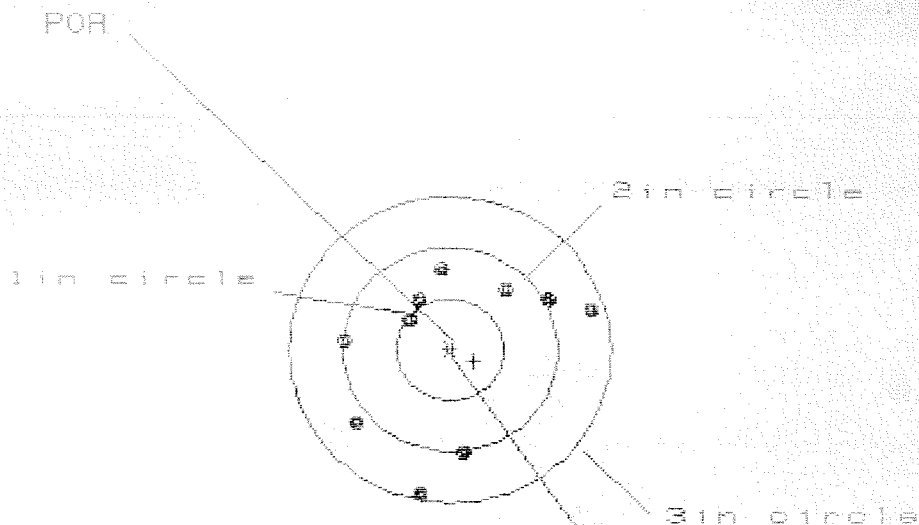
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.676	.565	.496
MINIMUM X	-.998	-.628	-.697
MAXIMUM Y	1.383	1.251	.598
MINIMUM Y	-1.189	-.700	-.544
CENTROID X	.176	.287	.356
CENTROID Y	.049	.181	.025
POR TO CENTROID in.	.182	.339	.356
MIN RADIUS	.084	.089	.080
MEAN RADIUS	.699	.599	.461
MAX RADIUS	1.552	1.367	.789
HORIZONTAL SPREAD	1.674	1.193	1.193
VERTICAL SPREAD	2.572	1.951	1.142
EXTREME SPREAD	2.631	2.021	1.235
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 8		
NUMBER IN THREE INCH CIRCLE	= 9		

29 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8836252

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.244

VS= 2.178

GS= 2.460

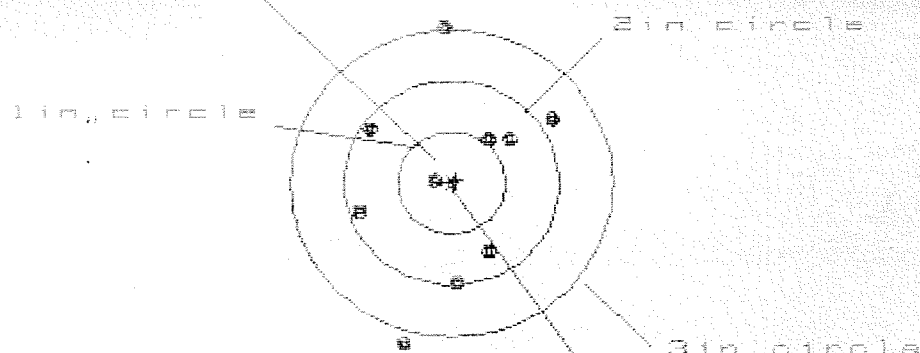
PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.286
MINIMUM X	-.958
MAXIMUM Y	.763
MINIMUM Y	-1.415
CENTROID X	-.219
CENTROID Y	.110
POA TO CENTROID in.	.245
MIN RADIUS	.468
MEAN RADIUS	.944
MAX RADIUS	1.442
HORIZONTAL SPREAD	2.244
VERTICAL SPREAD	2.178
EXTREME SPREAD	2.460
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

29 Aug 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 1.736

VS= 3.092

GS= 3.120

CENTROID *

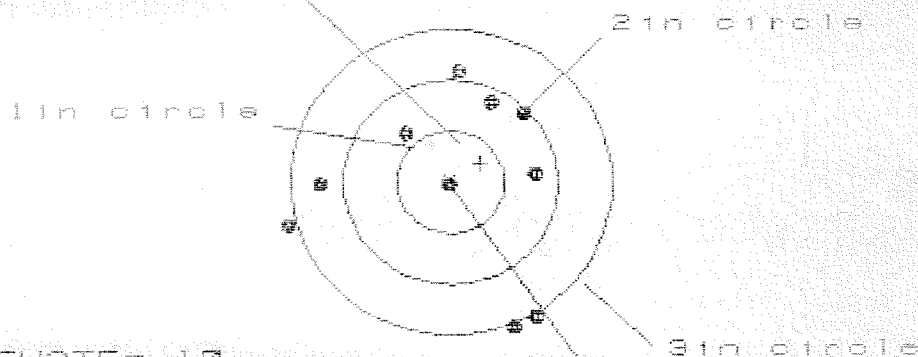
PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.893	.841	.829
MINIMUM X	-.843	-.895	-.907
MAXIMUM Y	1.492	1.315	.575
MINIMUM Y	-1.608	-1.161	-.997
CENTROID X	-.043	.009	.021
CENTROID Y	-.029	.148	-.016
POA TO CENTROID in.	.052	.149	.026
MIN RADIUS	.147	.211	.201
MEAN RADIUS	.924	.825	.759
MAX RADIUS	1.665	1.318	1.009
HORIZONTAL SPREAD	1.736	1.736	1.736
VERTICAL SPREAD	3.092	2.476	1.572
EXTREME SPREAD	3.120	2.479	1.926
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

29 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8636252

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 2.312

VS= 2.475

GS= 2.508

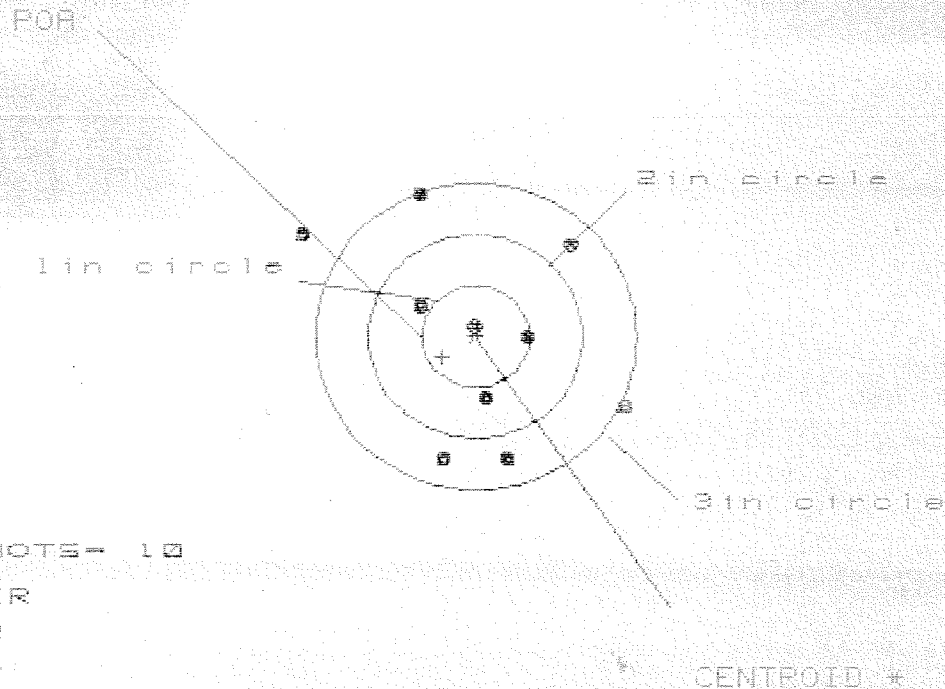
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.758
MINIMUM X	-1.554
MAXIMUM Y	1.043
MINIMUM Y	-1.432
CENTROID X	-.288
CENTROID Y	-.182
POA TO CENTROID in.	.334
MIN RADIUS	.034
MEAN RADIUS	1.026
MAX RADIUS	1.613
HORIZONTAL SPREAD	2.312
VERTICAL SPREAD	2.475
EXTREME SPREAD	2.508
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 4

25 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06036252

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 3.006

VS = 2.574

GS = 3.458

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.377	1.195	.812
MINIMUM X	-1.630	-.716	-1.566
MAXIMUM Y	1.406	1.514	1.435
MINIMUM Y	-1.168	-1.060	-1.139
CENTROID X	.314	.495	.345
CENTROID Y	.197	.089	.168
POB TO CENTROID in.	.370	.502	.384
MIN RADIUS	.101	.257	.127
MEAN RADIUS	1.029	.919	.853
MAX RADIUS	1.897	1.675	1.543
HORIZONTAL SPREAD	3.006	1.911	1.378
VERTICAL SPREAD	2.574	2.574	2.574
EXTREME SPREAD	3.458	2.872	2.693
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 7		