

C6636044

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

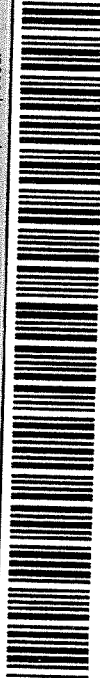
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

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

DUPONT

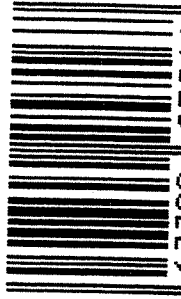
SERIAL NO. C6636044	ORDER NO. 5716
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20



5716 C6636044

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636044

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8 91		RW
600	Proof	4 8 91		RW
607	Check Headspace	4 8 91		RW
610	Dis-assemble Gun	4 8 91		RW
612	Magnaflux Barrel Action	APR	9 1991	KR
	Magnaflux Bolt	APR	9 1991	U
615	Rollmark Caliber	APR	9 1991	LS
617	Drill and Tap Sight Holes	APR	1 9 1991	FB
618	Polish Barrel	APR	1 9 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	RW
	C) Inspect Ejector Hole for Chamfer		5/14/91	RW
	D) Oil Firing Pin Ass'y		5/14/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/29/91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-29-91	DH
	G) Safety Off Force	3	3	3			5-29-91	DH
	H) Trigger Pull Test & Retainability						5/29/91	JU
	I) Firing Pin Indent	.020	.020	.020			5-29-91	DH
	J) Assemble Stock						5/30/91	RW
	K) Assemble Swivel Studs						6-1-91	DH
	L) Attach Front and Rear Sight Assemblies						5/30/91	RW
	M) Iron Sight Alignment						5/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/30/91	RW
	O) Attach Scope to Rifle						5/30/91	RW
	P) Detach & Attach Scope 20 Times						5/30/91	RW
640	Gallery Target & Test						5-31-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-31-91	NF
655	Final Inspection							
	A) Headspace						6-1-91	DH
	B) Trigger Pull	2.25	2.35	2.40	2.57	2.50	6/1/91	JU
	C) Function						6-1-91	DH
660	Pack						6-20-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO C6636044
DATE 5/29/91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.55	2.49	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.50	2.56	2.35	
PULL #3	2.30	2.43	2.50	2.40	
PULL #4	2.49	2.47	2.48	2.51	
PULL #5	2.47	2.51	2.55	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.42		
PULL #2	3.29	3.41		
PULL #3	3.31	3.34		
PULL #4	3.30	3.44		
PULL #5	3.44	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	4.19	4.23		4.15
PULL #2	4.37	4.30		4.22
PULL #3	4.23	4.35		4.33
PULL #4	4.26	4.24		4.24
PULL #5	4.26	4.25		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636844
1 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.334607
1 TO	2	.357001
1 TO	3	.299202
1 TO	4	.245018
1 TO	5	.346003

* <----FOR

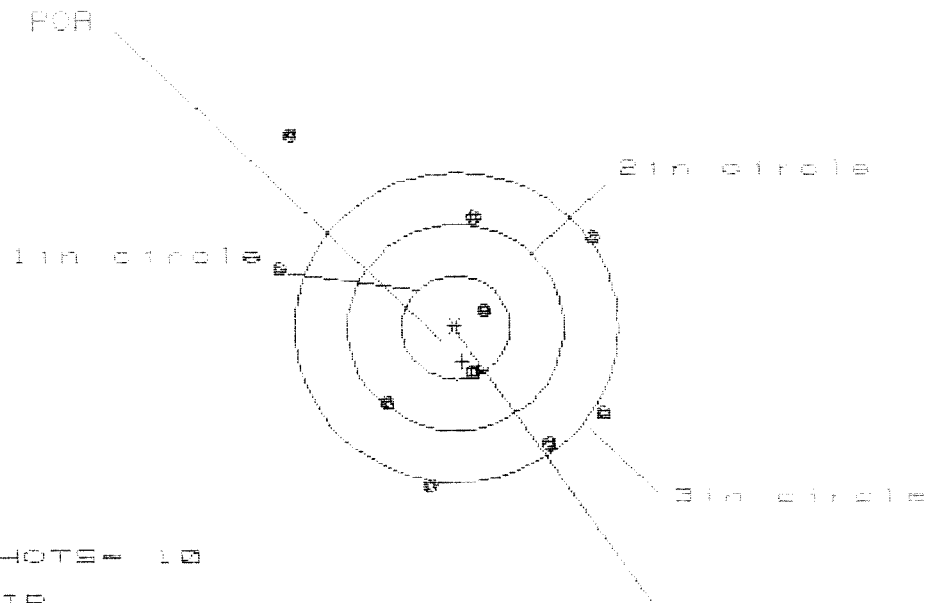
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .186
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111882

THE AMR FOR THIS RIFLE IS: .9182

1 Jun 1991

FILE://PATTERNING/CENTERFIRE_PATT/C8636044

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 5

HS = 0.0000

VS = 0.4000

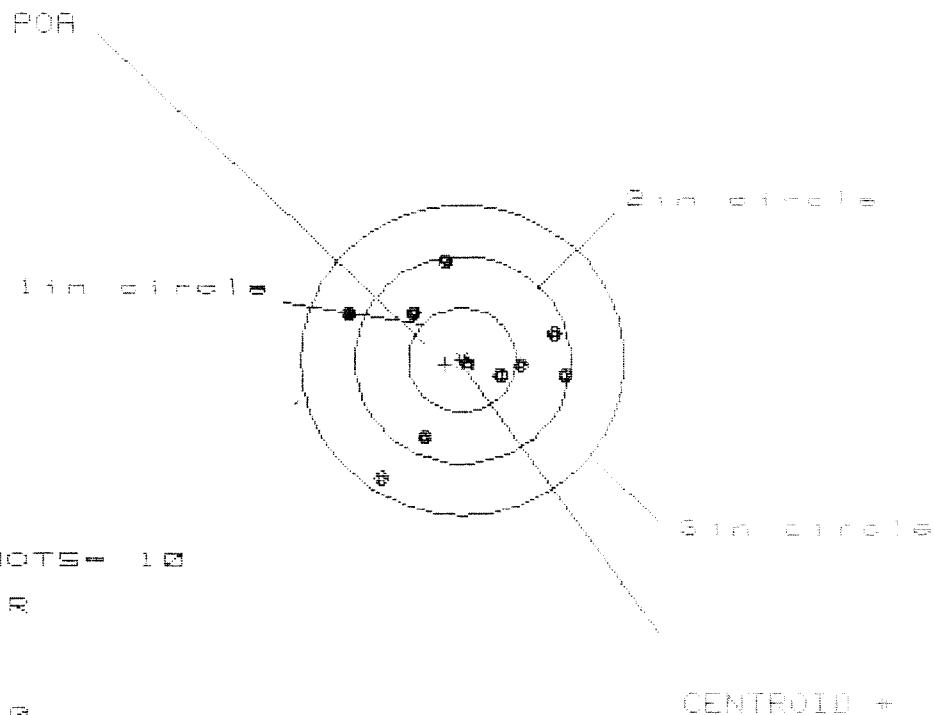
GS = 0.0000

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.357	1.188	1.957
MINIMUM X	:	-1.675	-1.844	-1.008
MAXIMUM Y	:	1.883	1.292	1.385
MINIMUM Y	:	-1.546	-1.337	-1.244
CENTROID X	:	-0.061	.108	.339
CENTROID Y	:	.329	.120	.027
POB TO CENTROID in.	:	.335	.151	.340
MIN RADIUS	:	.319	.282	.292
MEAN RADIUS	:	1.306	1.135	1.020
MAX RADIUS	:	2.424	1.986	1.507
HORIZONTAL SPREAD	:	3.032	3.032	1.965
VERTICAL SPREAD	:	3.439	2.629	2.629
EXTREME SPREAD	:	3.925	3.302	2.875
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

1 Jun 1991

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CENTERFIRE PATTERNS # 2



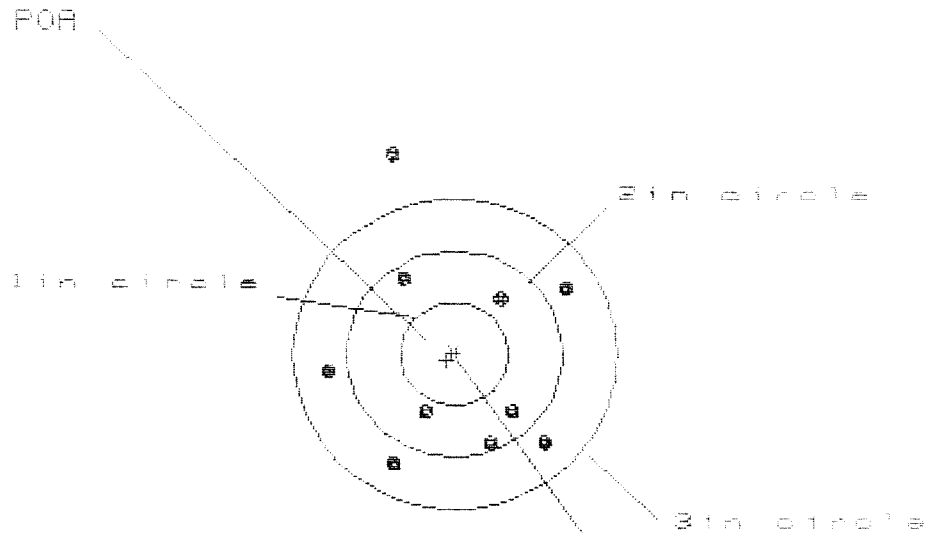
OF SHOTS = 10
 # IN CIR
 1 in = 2
 2 in = 8
 3 in = 10
 HS = 1.241
 VS = 2.056
 GS = 2.144

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.918	.832	.694
MINIMUM X	-1.023	-1.109	-1.630
MAXIMUM Y	.961	.839	.881
MINIMUM Y	-1.095	-1.886	-1.844
CENTROID X	.154	.240	.378
CENTROID Y	.044	.166	.124
POA TO CENTROID in.	.160	.292	.390
MIN RADIUS	.073	.148	.188
MEAN RADIUS	.777	.704	.617
MAX RADIUS	1.342	1.158	1.023
HORIZONTAL SPREAD	1.941	1.941	1.374
VERTICAL SPREAD	2.056	1.725	1.725
EXTREME SPREAD	2.144	2.020	1.730
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

1 Jun 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 5

HS= 2.179

VS= 2.995

ES= 3.122

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.006	.947	.847
MINIMUM X	-1.173	-1.232	-1.114
MAXIMUM Y	1.980	.981	1.093
MINIMUM Y	-1.015	-.795	-.683
CENTROID X	.070	.129	.011
CENTROID Y	.060	-.180	-.272
POA TO CENTROID in.	.092	.206	.272
MIN RADIUS	.603	.476	.314
MEAN RADIUS	1.072	.923	.852
MAX RADIUS	2.051	1.306	1.172
HORIZONTAL SPREAD	2.179	2.179	1.961
VERTICAL SPREAD	2.995	1.776	1.776
EXTREME SPREAD	3.122	2.348	2.066
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

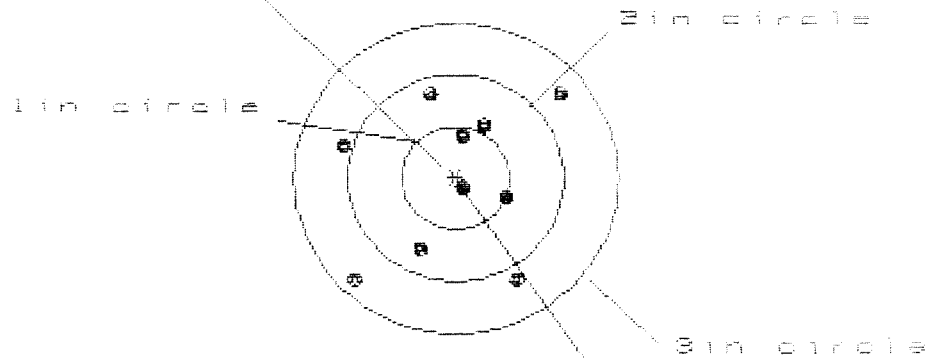
1 Jun 1991

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.069

VS= 1.783

GS= 2.549

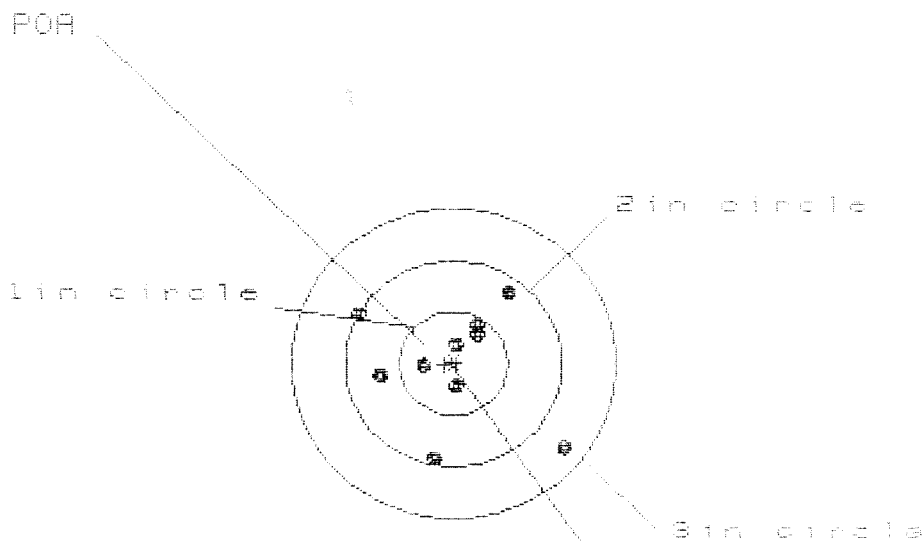
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.986	.884	.682
MINIMUM X	-1.083	-1.185	-1.074
MAXIMUM Y	.774	.670	.753
MINIMUM Y	-1.009	-1.113	-1.030
CENTROID X	-.064	.038	-.073
CENTROID Y	.084	.188	.165
POA TO CENTROID in.	.105	.192	.128
MIN RADIUS	.099	.167	.120
MEAN RADIUS	.806	.731	.688
MAX RADIUS	1.306	1.210	1.189
HORIZONTAL SPREAD	2.069	2.069	1.636
VERTICAL SPREAD	1.783	1.783	1.783
EXTREME SPREAD	2.549	2.141	2.141
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 10		

1 Jun 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HE = 1.870

VB = 1.653

GB = 2.292

CENTROID +

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.017	.585	.573
MINIMUM X	-.853	-.740	-.762
MAXIMUM Y	.691	.598	.466
MINIMUM Y	-.962	-1.055	-.405
CENTROID X	.088	-.033	-.021
CENTROID Y	.013	.106	.238
POA TO CENTROID in.	.091	.111	.239
MIN RADIUS	.130	.176	.118
MEAN RADIUS	.630	.538	.466
MAX RADIUS	1.316	1.059	.797
HORIZONTAL SPREAD	1.870	1.325	1.325
VERTICAL SPREAD	1.653	1.653	.871
EXTREME SPREAD	2.292	1.787	1.390
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	