

C6636196

MODEL 700TM 124

Model **SMS** TM

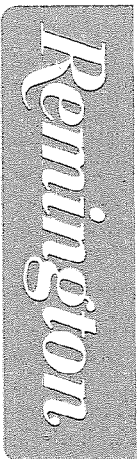
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

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

MODEL 700™ H24

SERIAL NO.
 C6636196

ORDER NO.
 5716

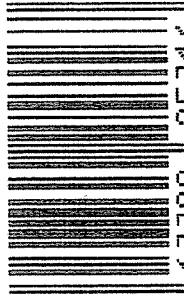
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MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6636196

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636196

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8	9 1	RW
600	Proof	4 8	9 1	RW
607	Check Headspace	4 8	9 1	RW
610	Dis-assemble Gun	4 8	9 1	RW
612	Magnaflux Barrel Action	APR	9 1991	KR
	Magnaflux Bolt	APR	9 1991	11
615	Rollmark Caliber	APR	9 1991	Y.S.
617	Drill and Tap Sight Holes	APR	1 9 1991	ES
618	Polish Barrel	APR	1 9 1991	WLB
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		6-4-91	JP

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-4-91	RM
	G) Safety Off Force	3	3	3			6-4-91	RM
	H) Trigger Pull Test & Retainability						6-4-91	RM
	I) Firing Pin Indent	.021	.022	.022			6-4-91	RM
	J) Assemble Stock						6/4/91	RW
	K) Assemble Swivel Studs						6-13-91	L
	L) Attach Front and Rear Sight Assemblies						6/4/91	RW
	M) Iron Sight Alignment						6/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/4/91	RW
	O) Attach Scope to Rifle						6/4/91	RW
	P) Detach & Attach Scope 20 Times						6/4/91	RW
640	Gallery Target & Test						6-4-91	RF
	A) Time						"	RF
	B) Malfunctions						"	RF
	C) Pierced Primers						"	RF
	D) Optical Clarity of Scope						"	RF
645	Inspect for Live Ammo						6-4-91	RF
655	Final Inspection							
	A) Headspace						6-13-91	AC
	B) Trigger Pull	2.69	2.53	2.47	2.47	2.42	6-13-91	RM
	C) Function						6-13-91	AC
660	Pack						6-20-91	RF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636196
DATE 6-4-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.40	2.48	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.41	2.35	2.53	
PULL #3	2.30	2.43	2.39	2.47	
PULL #4	2.36	2.33	2.43	2.47	
PULL #5	2.33	2.36	2.44	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.49		
PULL #2	3.52	3.45		
PULL #3	3.52	3.37		
PULL #4	3.48	3.45		
PULL #5	3.49	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	4.41	4.35		4.38
PULL #2	4.39	4.27		4.36
PULL #3	4.34	4.28		4.33
PULL #4	4.36	4.27		4.23
PULL #5	4.41	4.28		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636196
4 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.558103
1 TO	2	1.03357
1 TO	3	.708613
1 TO	4	1.09952
1 TO	5	.970206

1 $\frac{1}{5}$ <----POA
5 $\frac{1}{5}$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0588
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223667

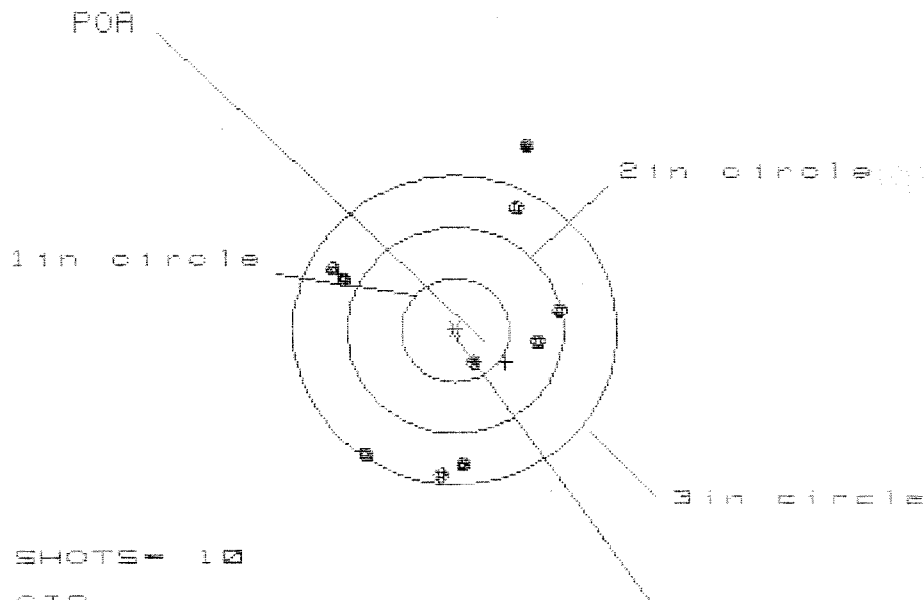
THE AMR FOR THIS RIFLE IS: 1.158

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636196

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 6

HS = 2.078

VS = 3.202

GS = 3.297

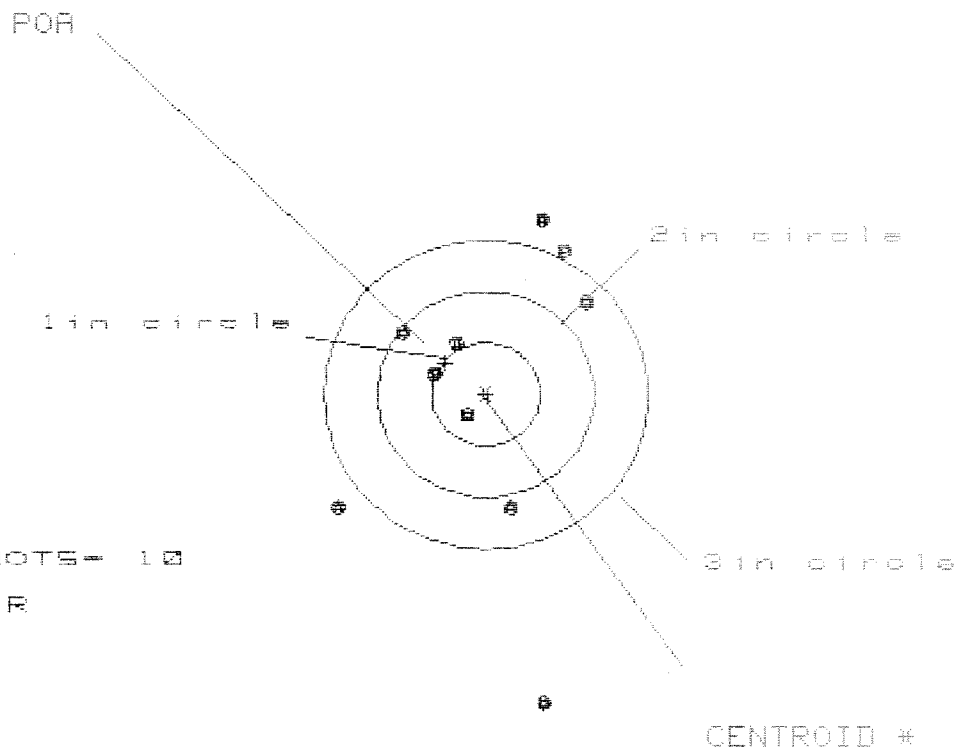
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.946	1.018	.923
MINIMUM X	-1.132	-1.060	-1.155
MAXIMUM Y	1.776	1.387	1.265
MINIMUM Y	-1.426	-1.229	-1.351
CENTROID X	-.465	-.537	-.442
CENTROID Y	.305	.198	.230
POA TO CENTROID in.	.556	.547	.499
MIN RADIUS	.328	.272	.254
MEAN RADIUS	1.194	1.098	1.066
MAX RADIUS	1.889	1.546	1.396
HORIZONTAL SPREAD	2.078	2.078	2.078
VERTICAL SPREAD	3.202	2.616	2.516
EXTREME SPREAD	3.297	2.765	2.722
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =			9

4 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.328

VS= 4.698

GS= 4.698

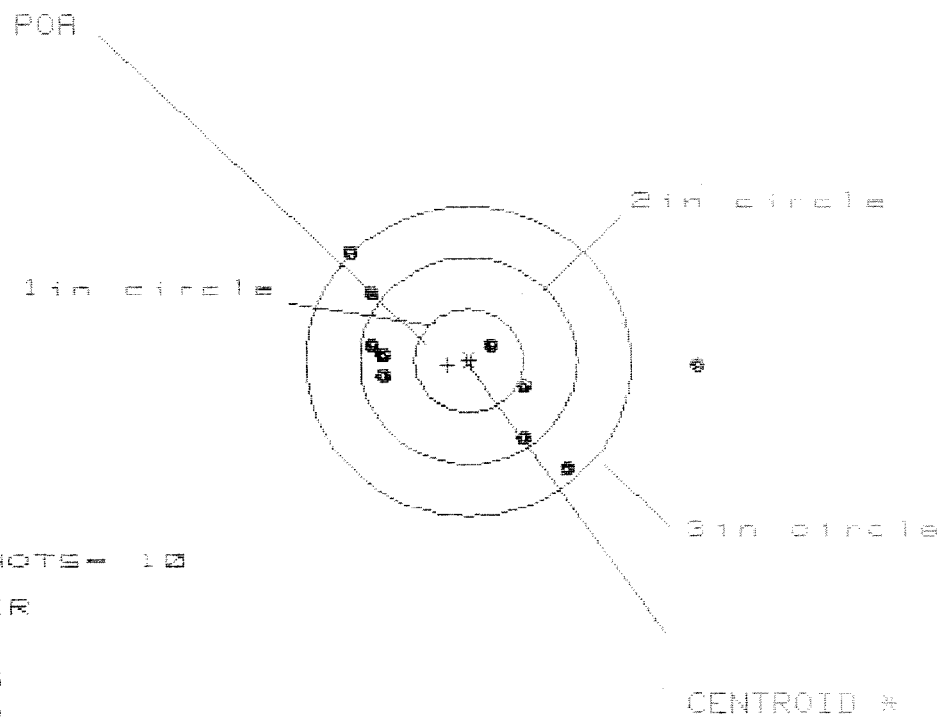
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.933	.996	1.072
MINIMUM X	:	-1.395	-1.332	-1.256
MAXIMUM Y	:	1.707	1.375	1.264
MINIMUM Y	:	-2.991	-1.454	-1.282
CENTROID X	:	.373	.310	.234
CENTROID Y	:	-.300	.032	-.139
POA TO CENTROID in.	:	.479	.312	.272
MIN RADIUS	:	.266	.260	.284
MEAN RADIUS	:	1.295	1.044	.969
MAX RADIUS	:	3.044	1.972	1.795
HORIZONTAL SPREAD	:	2.328	2.328	2.328
VERTICAL SPREAD	:	4.698	2.829	2.547
EXTREME SPREAD	:	4.698	3.434	3.309
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=			6

4 Jun 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 3.203

VS= 2.069

GS= 3.385

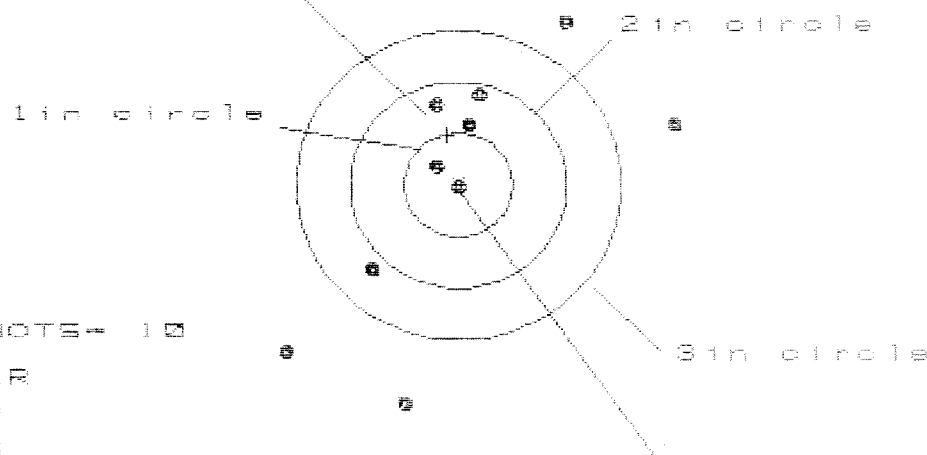
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.154	1.173	1.072
MINIMUM X	:	-1.049	-.810	-.772
MAXIMUM Y	:	1.062	1.058	.822
MINIMUM Y	:	-1.007	-1.011	-.878
CENTROID X	:	.193	-.046	.055
CENTROID Y	:	.042	.046	-.087
POA TO CENTROID in.	:	.198	.065	.103
MIN RADIUS	:	.288	.487	.477
MEAN RADIUS	:	1.030	.873	.821
MAX RADIUS	:	2.154	1.548	1.386
HORIZONTAL SPREAD	:	3.203	1.983	1.844
VERTICAL SPREAD	:	2.069	2.069	1.700
EXTREME SPREAD	:	3.385	2.866	2.460
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

4 Jun 1991

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 6

HS= 3.541

VS= 3.709

GS= 4.164

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.958	1.782	1.697
MINIMUM X	-1.583	-1.982	-1.067
MAXIMUM Y	1.573	1.397	1.108
MINIMUM Y	-2.136	-2.312	-1.322
CENTROID X	.101	.277	.362
CENTROID Y	-.493	-.307	-.018
POA TO CENTROID in.	.493	.413	.363
MIN RADIUS	.021	.234	.210
MEAN RADIUS	1.212	1.081	.873
MAX RADIUS	2.239	2.410	1.703
HORIZONTAL SPREAD	3.541	2.764	2.764
VERTICAL SPREAD	3.709	3.709	2.430
EXTREME SPREAD	4.164	4.020	3.128
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.617

VS= 2.884

GS= 4.090

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.631	1.411	.675
MINIMUM X	:	-1.986	-.577	-.401
MAXIMUM Y	:	1.240	1.057	1.067
MINIMUM Y	:	-1.644	-1.420	-1.410
CENTROID X	:	.092	.312	.136
CENTROID Y	:	-.643	-.460	-.470
POA TO CENTROID in.	:	.649	.556	.489
MIN RADIUS	:	.233	.108	.076
MEAN RADIUS	:	1.057	.851	.735
MAX RADIUS	:	2.578	1.427	1.410
HORIZONTAL SPREAD	:	3.617	1.988	1.076
VERTICAL SPREAD	:	2.884	2.477	2.477
EXTREME SPREAD	:	4.090	2.481	2.481
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	