

C6636289

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
 MODEL 700™ H24

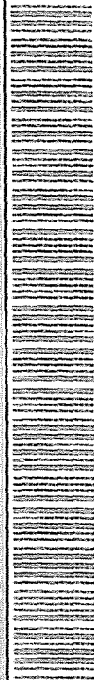
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

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

SERIAL NO.
 C6636289

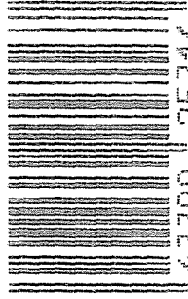
ORDER NO.
 5716

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



5716 C6636289

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 6636289

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 9 1		RW
600	Proof	6 25 9 1		RW
607	Check Headspace	6.25 8 1		RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	JS
617	Drill and Tap Sight Holes	JUL	1 1991	EB
618	Polish Barrel	JUL	2 1991	W/B
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-4-91	DH

op. #.	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5½	5½			9-4-91	DH
	G) Safety Off Force	3½	3½	3			9-4-91	DH
	H) Trigger Pull Test & Retainability						9-4-91	DH
	I) Firing Pin Indent	.021	.021	.022			9-4-91	DH
	J) Assemble Stock						9/4/91	RW
	K) Assemble Swivel Studs						9-10-91	AC
	L) Attach Front and Rear Sight Assemblies						9/4/91	RW
	M) Iron Sight Alignment						9/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/4/91	RW
	O) Attach Scope to Rifle						9/4/91	RW
	P) Detach & Attach Scope 20 Times						9/4/91	RW
640	Gallery Target & Test						9-4-91	AC
	A) Time						9-4-91	AC
	B) Malfunctions						9-4-91	AC
	C) Pierced Primers						9-4-91	AC
	D) Optical Clarity of Scope						9-4-91	AC
645	Inspect for Live Ammo						9-4-91	AC
655	Final Inspection							
	A) Headspace						9-10-91	AC
	B) Trigger Pull	2.66	261	263	247	265	9-6-91	SH
	C) Function						9-10-91	AC
660	Pack						9-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6636289

DATE 9-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.43	2.53	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.41	2.59	2.60	
PULL #3	2.45	2.36	2.55	2.63	
PULL #4	2.43	2.40	2.55	2.47	
PULL #5	2.43	2.41	2.53	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.52		
PULL #2	3.43	3.09		
PULL #3	3.42	3.10		
PULL #4	3.40	3.09		
PULL #5	3.39	3.01		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.59		4.48
PULL #2	4.19	4.19		4.51
PULL #3	4.11	4.15		4.42
PULL #4	4.58	4.30		4.41
PULL #5	4.47	4.41		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636289
4 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.312541
1 TO 2	.102786
1 TO 3	.135665
1 TO 4	.472619
1 TO 5	.456755

54
5 <----POR

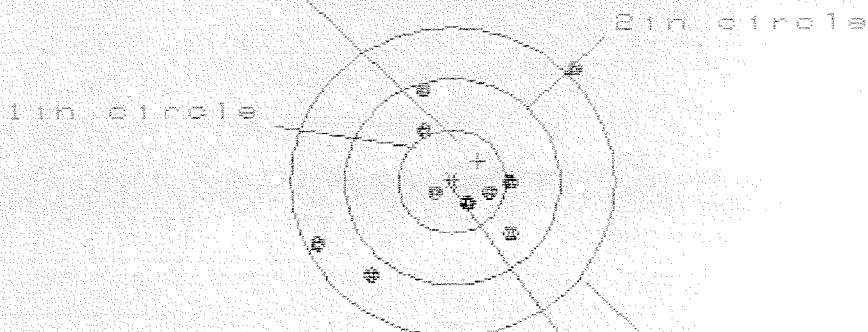
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0282
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .210101
THE BAP FOR THIS RIFLE IS: .9146

4 Sep 1991

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CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = 2.406

VS = 1.933

GS = 2.957

CENTROID *

PATTERN #		1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.144	.661	.519
MINIMUM X	:	-1.262	-1.135	-1.816
MAXIMUM Y	:	1.070	.935	.929
MINIMUM Y	:	-.863	-.744	-.810
CENTROID X	:	-.241	-.368	-.226
CENTROID Y	:	-.199	-.318	-.252
FOR TO CENTROID in.	:	.313	.486	.338
MIN RADIUS	:	.169	.012	.155
MEAN RADIUS	:	.762	.673	.572
MAX RADIUS	:	1.566	1.253	1.150
HORIZONTAL SPREAD	:	2.406	1.796	1.335
VERTICAL SPREAD	:	1.933	1.739	1.739
EXTREME SPREAD	:	2.957	1.884	1.813
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Sep 1991

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.556

VS= 2.630

GS= 3.181

CENTROID *

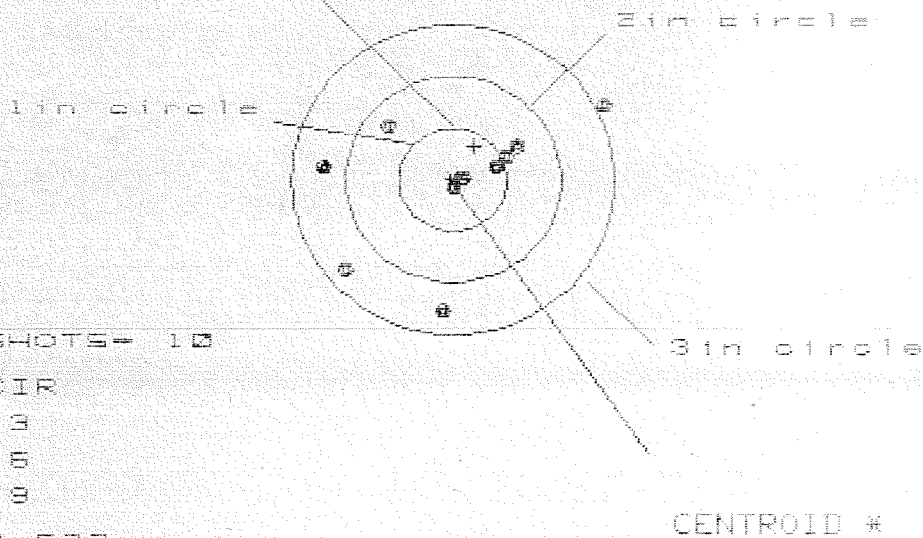
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.311	.968	.831
MINIMUM X	-1.245	-1.099	-1.146
MAXIMUM Y	1.376	1.073	1.027
MINIMUM Y	-1.254	-1.101	-1.147
CENTROID X	-.210	-.356	-.219
CENTROID Y	-.101	-.254	-.208
POA TO CENTROID in.	.233	.437	.302
MIN RADIUS	.211	.125	.104
MEAN RADIUS	.968	.860	.797
MAX RADIUS	1.901	1.158	1.147
HORIZONTAL SPREAD	2.556	2.067	1.977
VERTICAL SPREAD	2.630	2.174	2.174
EXTREME SPREAD	3.181	2.185	2.185
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

4 Sep 1991

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CENTERFIRE PATTERNS # 3

FOR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.633

VS= 2.039

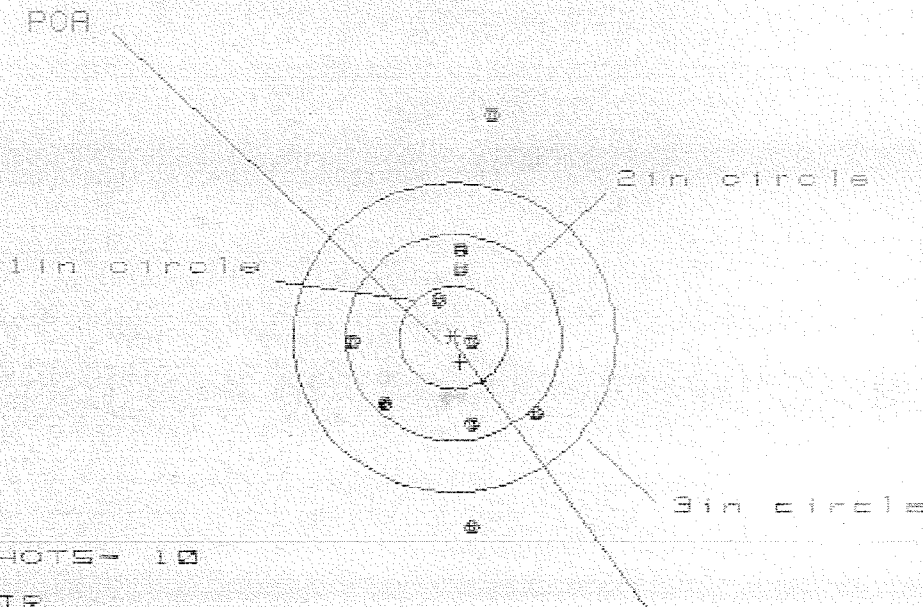
GS= 2.934

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.406	.780	.674
MINIMUM X	:	-1.227	-1.071	-1.177
MAXIMUM Y	:	.776	.635	.535
MINIMUM Y	:	-1.263	-1.177	-1.277
CENTROID X	:	-.199	-.355	-.249
CENTROID Y	:	-.328	-.414	-.314
FOR TO CENTROID in.	:	.384	.546	.400
MIN RADIUS	:	.083	.132	.097
MEAN RADIUS	:	.812	.759	.657
MAX RADIUS	:	1.606	1.177	1.281
HORIZONTAL SPREAD	:	2.633	1.851	1.851
VERTICAL SPREAD	:	2.039	1.812	1.812
EXTREME SPREAD	:	2.934	2.065	1.867
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Sep 1991

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CENTERFIRE PATTERNS # 4



* OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 1.658

VS = 4.076

GS = 4.082

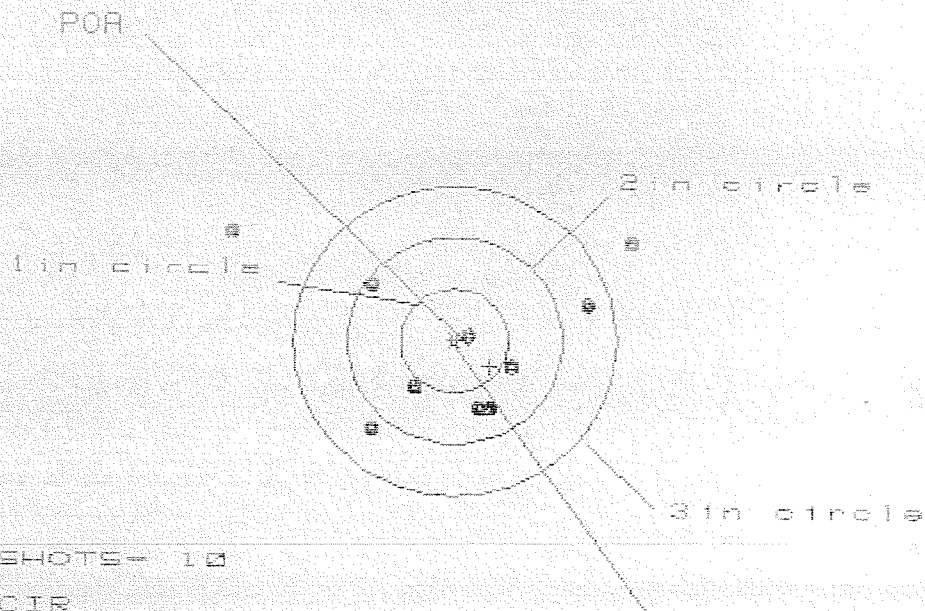
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.783	.863
MINIMUM X	:	-.913	-.875	-.855
MAXIMUM Y	:	2.198	1.150	.946
MINIMUM Y	:	-1.878	-1.634	-1.835
CENTROID X	:	-.061	-.099	-.119
CENTROID Y	:	.238	-.006	.198
POA TO CENTROID in.	:	.246	.099	.231
MIN RADIUS	:	.171	.330	.234
MEAN RADIUS	:	1.000	.875	.742
MAX RADIUS	:	2.225	1.641	1.068
HORIZONTAL SPREAD	:	1.658	1.658	1.658
VERTICAL SPREAD	:	4.076	2.784	1.781
EXTREME SPREAD	:	4.082	2.784	1.810
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

4 Sep 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.782

VS= 1.906

GS= 3.786

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.663	1.427	1.283
MINIMUM X	:	-2.119	-1.004	-.025
MAXIMUM Y	:	1.081	1.031	.769
MINIMUM Y	:	-.825	-.705	-.576
CENTROID X	:	-.330	-.094	-.273
CENTROID Y	:	.249	.129	.000
POR TO CENTROID in.	:	.413	.160	.273
MIN RADIUS	:	.193	.239	.313
MEAN RADIUS	:	1.032	.847	.702
MAX RADIUS	:	2.379	1.761	1.326
HORIZONTAL SPREAD	:	3.782	2.431	2.028
VERTICAL SPREAD	:	1.906	1.736	1.345
EXTREME SPREAD	:	3.786	2.987	2.324
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	