

C6636153

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

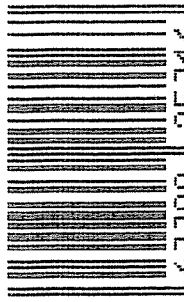
Remington

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700TH H24		SERIAL NO. C6636153	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.			



5716 C6636153

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636153

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	KB
618	Polish Barrel		JUL 7 1991	WB
620	Apply Coatings (Barrel Action)		8-6-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/19/91	JK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/19/91	JK
	C) Inspect Ejector Hole for Chamfer		8/19/91	JK
	D) Oil Firing Pin Ass'y		8/19/91	JK
	E) Adjust Trigger Pull to Min Setting and Stake		8-21-91	PH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 $\frac{3}{4}$	5 $\frac{3}{4}$			8-21-91	DH
	G) Safety Off Force	2	2	2			8-21-91	DH
	H) Trigger Pull Test & Retainability						8-21-91	DH
	I) Firing Pin Indent	.022	.020	.020			8-21-91	DH
	J) Assemble Stock						8/21/91	KS
	K) Assemble Swivel Studs						8/21/91	DH
	L) Attach Front and Rear Sight Assemblies						8/21/91	KS
	M) Iron Sight Alignment						8/21/91	KS
	N) Detach Front & Rear Sights & place in numbered container						8/21/91	KS
	O) Attach Scope to Rifle						8/21/91	KS
	P) Detach & Attach Scope 20 Times						8/21/91	KS
640	Gallery Target & Test						8/22/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						8/22/91	KT
655	Final Inspection							
	A) Headspace						8-23-91	DH
	B) Trigger Pull	2.51	2.41	2.55	2.58	2.33	8/23/91	DH
	C) Function						8-23-91	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. CCG36153

DATE 8-21-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.52	2.44	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.38	2.57	2.41	
PULL #3	2.53	2.41	2.43	2.55	
PULL #4	2.52	2.12	2.48	2.58	
PULL #5	2.50	2.38	2.40	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.36		
PULL #2	3.15	3.37		
PULL #3	3.31	3.26		
PULL #4	3.45	3.40		
PULL #5	3.36	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.16		4.42
PULL #2	4.18	4.16		4.23
PULL #3	4.02	4.04		4.40
PULL #4	4.13	4.24		4.41
PULL #5	4.13	4.11		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636153
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.202002
1 TO	2	.147472
1 TO	3	.333624
1 TO	4	.416909
1 TO	5	.671107

$\bar{P}_{45}$ <----POA

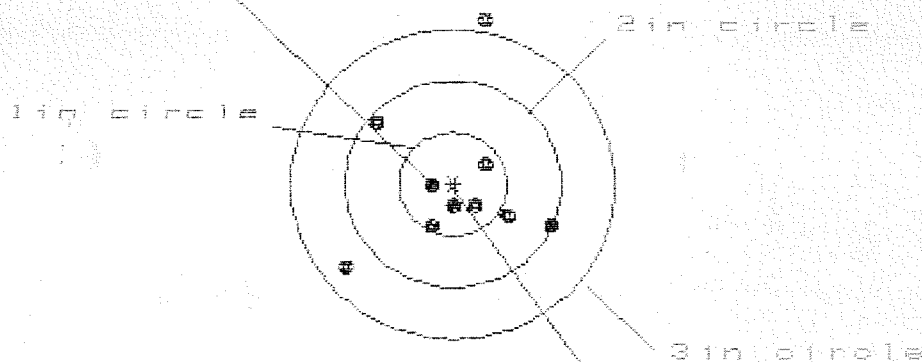
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2468
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .04
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .25002
THE AMR FOR THIS RIFLE IS: .896

22 Aug 1991

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CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 1.966

VS= 2.372

GS= 2.713

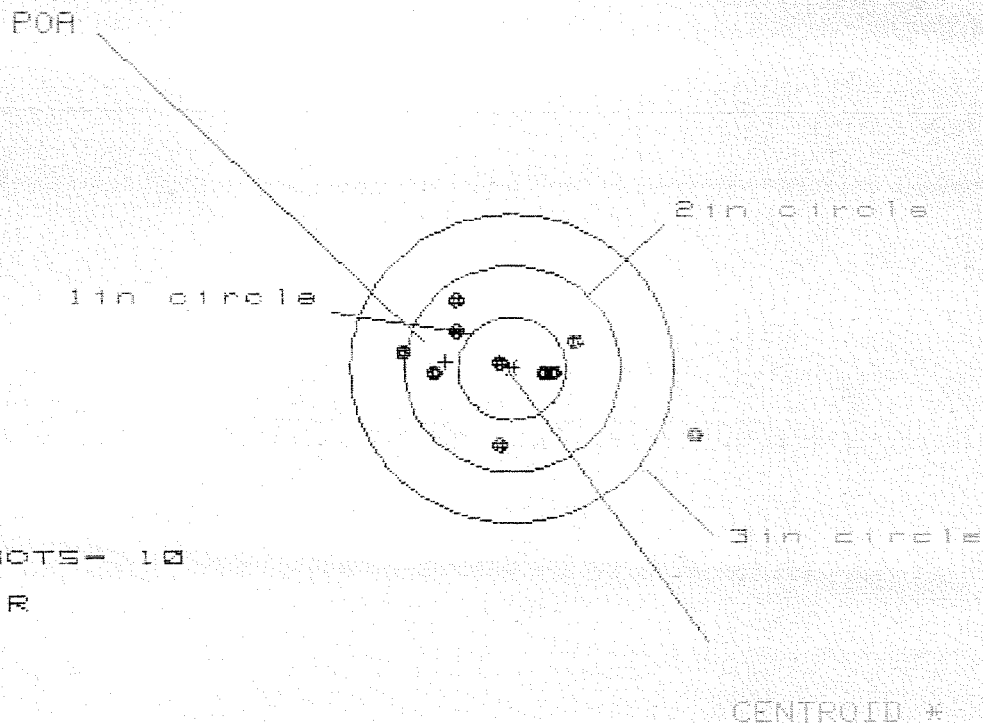
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.933	.965	.848
MINIMUM X	-1.033	-1.001	-.820
MAXIMUM Y	1.607	.826	.752
MINIMUM Y	-.765	-.586	-.342
CENTROID X	-.001	-.033	.092
CENTROID Y	.202	.023	.097
POA TO CENTROID in.	.202	.040	.134
MIN RADIUS	.187	.011	.145
MEAN RADIUS	.693	.545	.489
MAX RADIUS	1.632	1.160	1.113
HORIZONTAL SPREAD	1.966	1.966	1.660
VERTICAL SPREAD	2.372	1.412	1.094
EXTREME SPREAD	2.713	1.992	1.988
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.752

VS= 1.449

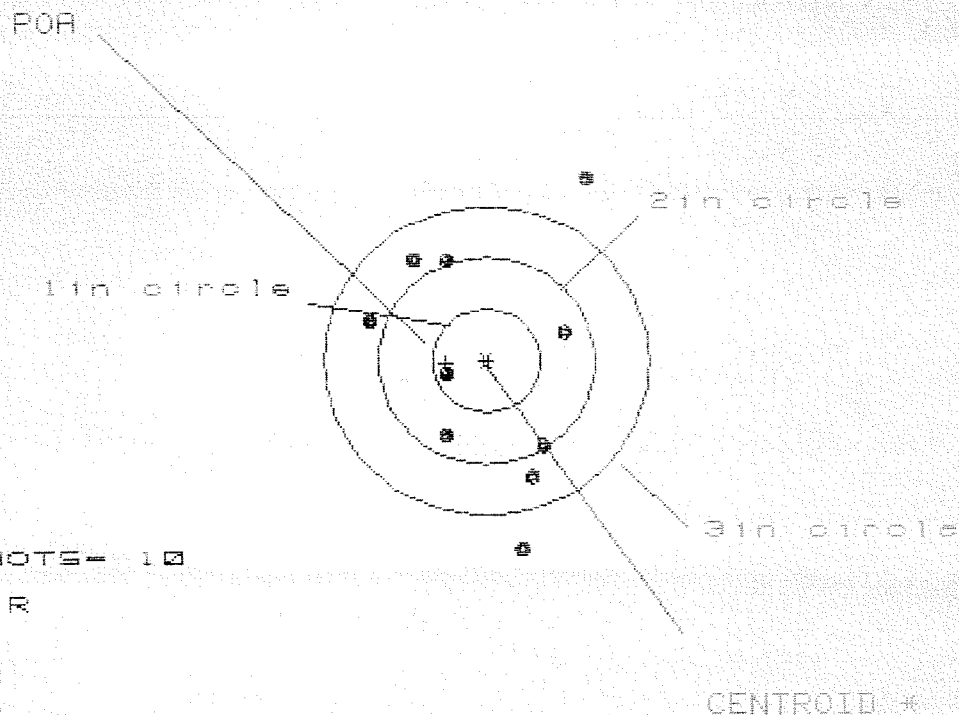
GS= 2.861

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.688	.743	.633
MINIMUM X	-1.064	-.876	-.640
MAXIMUM Y	.707	.635	.643
MINIMUM Y	-.742	-.814	-.806
CENTROID X	.616	.428	.538
CENTROID Y	-.062	.010	.002
POA TO CENTROID in.	.619	.429	.538
MIN RADIUS	.123	.079	.033
MEAN RADIUS	.722	.586	.533
MAX RADIUS	1.987	.879	.806
HORIZONTAL SPREAD	2.752	1.619	1.273
VERTICAL SPREAD	1.449	1.449	1.449
EXTREME SPREAD	2.861	1.621	1.503
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 1.873

VS = 3.582

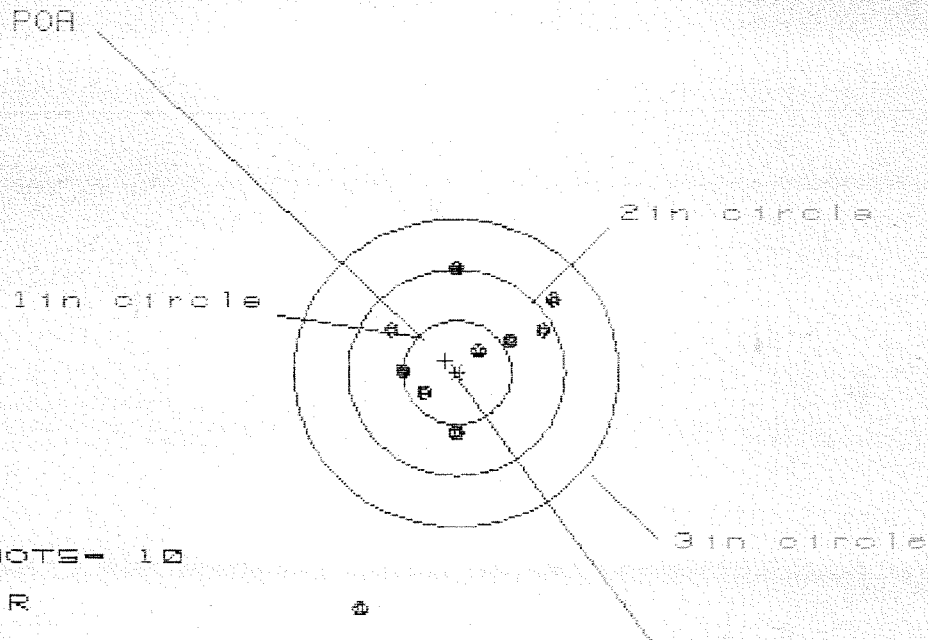
GS = 3.639

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.925	.849	.897
MINIMUM X	:	-1.048	-.946	-.898
MAXIMUM Y	:	1.806	1.210	1.013
MINIMUM Y	:	-1.775	-1.575	-1.136
CENTROID X	:	.376	.274	.226
CENTROID Y	:	.024	-.176	.021
POA TO CENTROID in.	:	.377	.325	.227
MIN RADIUS	:	.349	.260	.205
MEAN RADIUS	:	1.143	1.016	.928
MAX RADIUS	:	2.029	1.621	1.254
HORIZONTAL SPREAD	:	1.973	1.795	1.795
VERTICAL SPREAD	:	3.582	2.785	2.149
EXTREME SPREAD	:	3.639	2.942	2.397
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.846

VS= 3.357

GS= 3.542

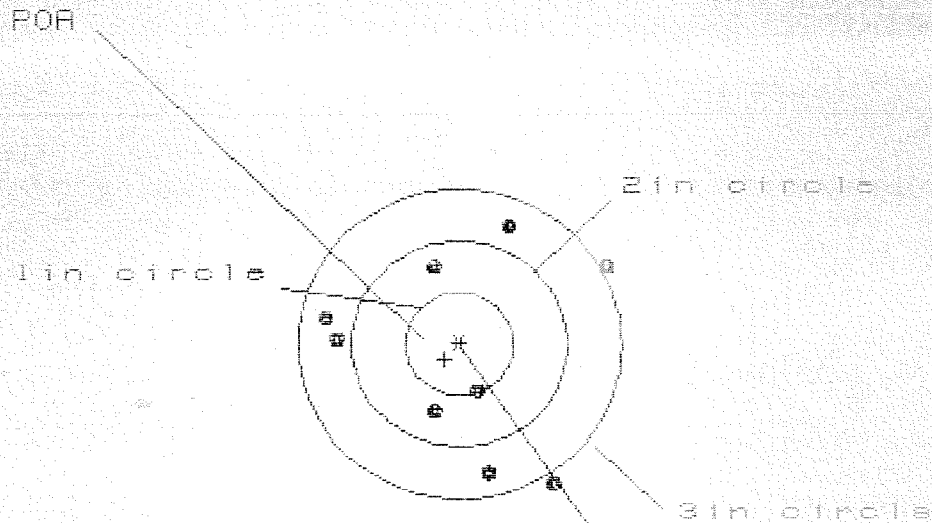
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.899	.794	.827
MINIMUM X	:	-.947	-.705	-.606
MAXIMUM Y	:	1.059	.804	.863
MINIMUM Y	:	-2.298	-.827	-.768
CENTROID X	:	.106	.211	.112
CENTROID Y	:	-.114	.141	.082
POA TO CENTROID in.	:	.156	.254	.139
MIN RADIUS	:	.275	.065	.158
MEAN RADIUS	:	.857	.634	.596
MAX RADIUS	:	2.485	.923	.864
HORIZONTAL SPREAD	:	1.846	1.499	1.433
VERTICAL SPREAD	:	3.357	1.631	1.631
EXTREME SPREAD	:	3.542	1.633	1.633
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 5

HS = 2.595

VS = 2.483

GS = 2.646

PATTERN # : 2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.355	1.449	.731
MINIMUM X	-1.242	-1.146	-.965
MAXIMUM Y	1.143	.994	1.068
MINIMUM Y	-1.340	-1.370	-1.296
CENTROID X	.137	.041	-.140
CENTROID Y	.150	.299	.225
POA TO CENTROID in.	.263	.302	.265
MIN RADIUS	.448	.584	.633
MEAN RADIUS	1.065	.989	.898
MAX RADIUS	1.595	1.564	1.398
HORIZONTAL SPREAD	2.595	2.595	1.696
VERTICAL SPREAD	2.483	2.364	2.364
EXTREME SPREAD	2.646	2.639	2.373
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		