

C6648996

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.

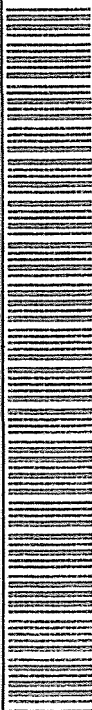
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

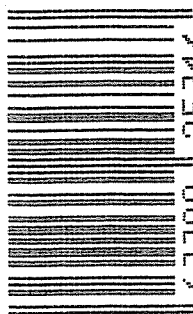
SERIAL NO.
C6648996

ORDER NO.
5716



5716 C6648996

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6648996**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	YH
600	Proof		7/24/91	YH
607	Check Headspace		7/24/91	YH
610	Dis-assemble Gun		7/24/91	YH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	JS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	W/B
620	Apply Coatings (Barrel Action)		8/27/91	YH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	YH
	C) Inspect Ejector Hole for Chamfer		8/29/91	YH
	D) Oil Firing Pin Ass'y		8/29/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		8/30/91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/30/91	JK
	G) Safety Off Force	3	3	3			8/30/91	JK
	H) Trigger Pull Test & Retainability						8/30/91	JK
	I) Firing Pin Indent	1022	1023	1023			8/30/91	JK
	J) Assemble Stock						8/30/91	JK
	K) Assemble Swivel Studs						9-10-91	DH
	L) Attach Front and Rear Sight Assemblies						8/30/91	JK
	M) Iron Sight Alignment						8/30/91	JK
	N) Detach Front & Rear Sights & place in numbered container						8/30/91	JK
	O) Attach Scope to Rifle						8/30/91	JK
	P) Detach & Attach Scope 20 Times						8/30/91	JK
640	Gallery Target & Test						9-3-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-3-91	NF
655	Final Inspection							
	A) Headspace						9-10-91	DH
	B) Trigger Pull	2.58	2.60	2.61	2.62	2.64	9-6-91	JK
	C) Function						9-10-91	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. 0-6648996

DATE 8/30/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.50	2.55	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.65	2.50	2.60	
PULL #3	2.60	2.63	2.52	2.61	
PULL #4	2.52	2.65	2.60	2.62	
PULL #5	2.60	2.63	2.68	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.48		
PULL #2	3.62	3.60		
PULL #3	3.45	3.49		
PULL #4	3.52	3.54		
PULL #5	3.57	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.27		4.41
PULL #2	4.21	4.25		4.36
PULL #3	4.25	4.24		4.36
PULL #4	4.28	4.33		4.30
PULL #5	4.28	4.20		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648996
3 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.326933
1 TO	2	.379191
1 TO	3	.151743
1 TO	4	.423615
1 TO	5	.0885268

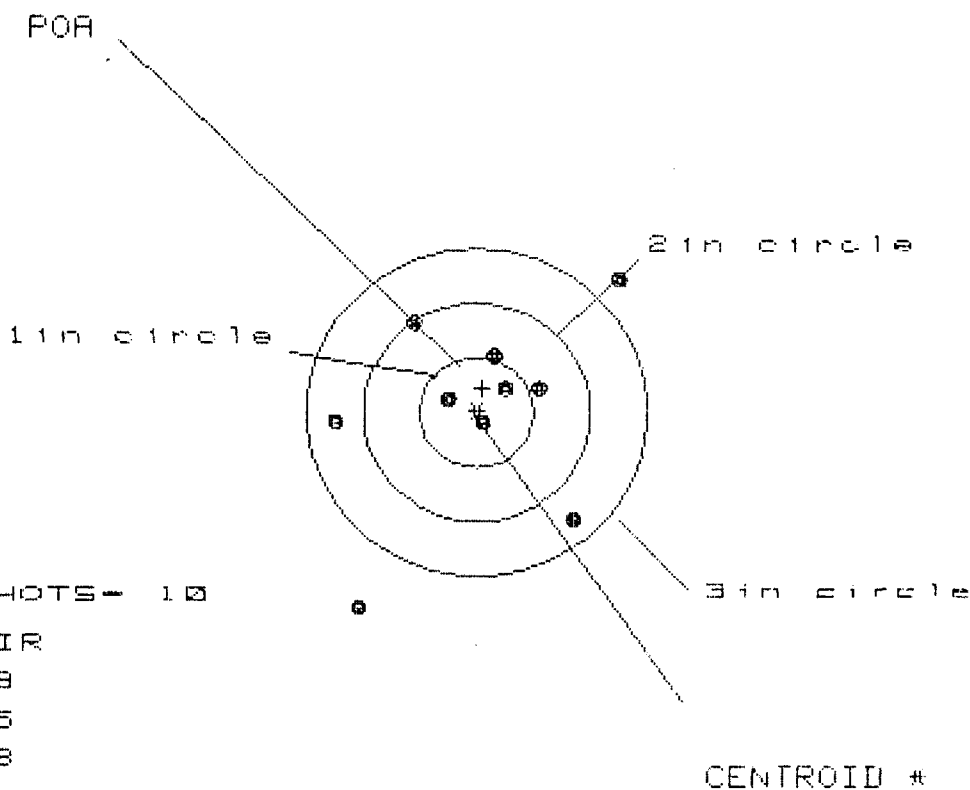
<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0926
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1372
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .165677
THE AMP FOR THIS RIFLE IS: .8486

sep 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.423

VS= 3.058

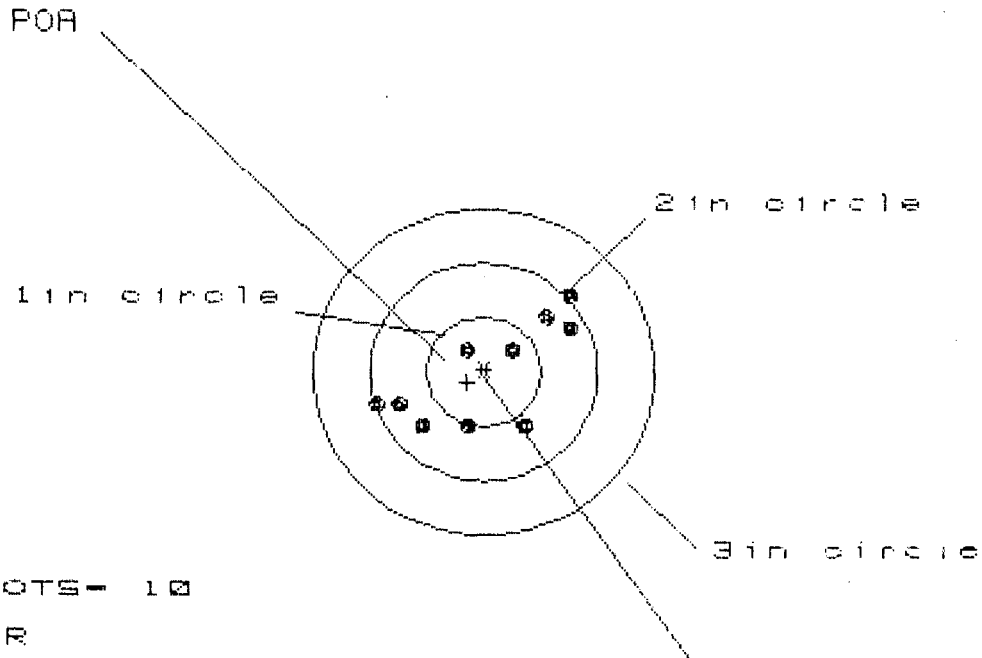
GS= 3.785

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.204	1.089	.906
MINIMUM X	:	-1.220	-1.334	-1.198
MAXIMUM Y	:	1.237	1.035	.758
MINIMUM Y	:	-1.821	-1.227	-1.098
CENTROID X	:	-.053	.062	-.075
CENTROID Y	:	-.222	-.020	-.149
POA TO CENTROID in.	:	.228	.065	.167
MIN RADIUS	:	.118	.140	.188
MEAN RADIUS	:	.916	.750	.660
MAX RADIUS	:	2.091	1.503	1.424
HORIZONTAL SPREAD	:	2.423	2.423	2.104
VERTICAL SPREAD	:	3.058	2.262	1.856
EXTREME SPREAD	:	3.785	2.773	2.370
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

Sep 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10
IN CIR
1in = 2
2in = 8
3in = 10
HS= 1.710
VS= 1.259
GS= 2.001

CENTROID *

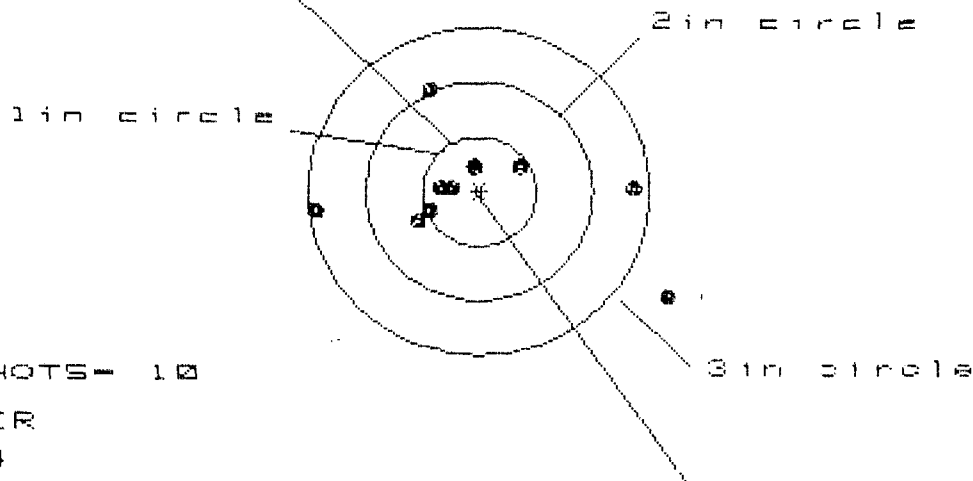
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.726	.616	.693
MINIMUM X	:	-.984	-.808	-.731
MAXIMUM Y	:	.733	.698	.550
MINIMUM Y	:	-.526	-.561	-.474
CENTROID X	:	.147	.256	.179
CENTROID Y	:	.094	.129	.042
POA TO CENTROID in.	:	.174	.287	.184
MIN RADIUS	:	.259	.239	.321
MEAN RADIUS	:	.688	.640	.602
MAX RADIUS	:	1.033	.929	.836
HORIZONTAL SPREAD	:	1.710	1.424	1.424
VERTICAL SPREAD	:	1.259	1.259	1.024
EXTREME SPREAD	:	2.001	1.786	1.589
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 3.135

VS= 1.931

GS= 3.227

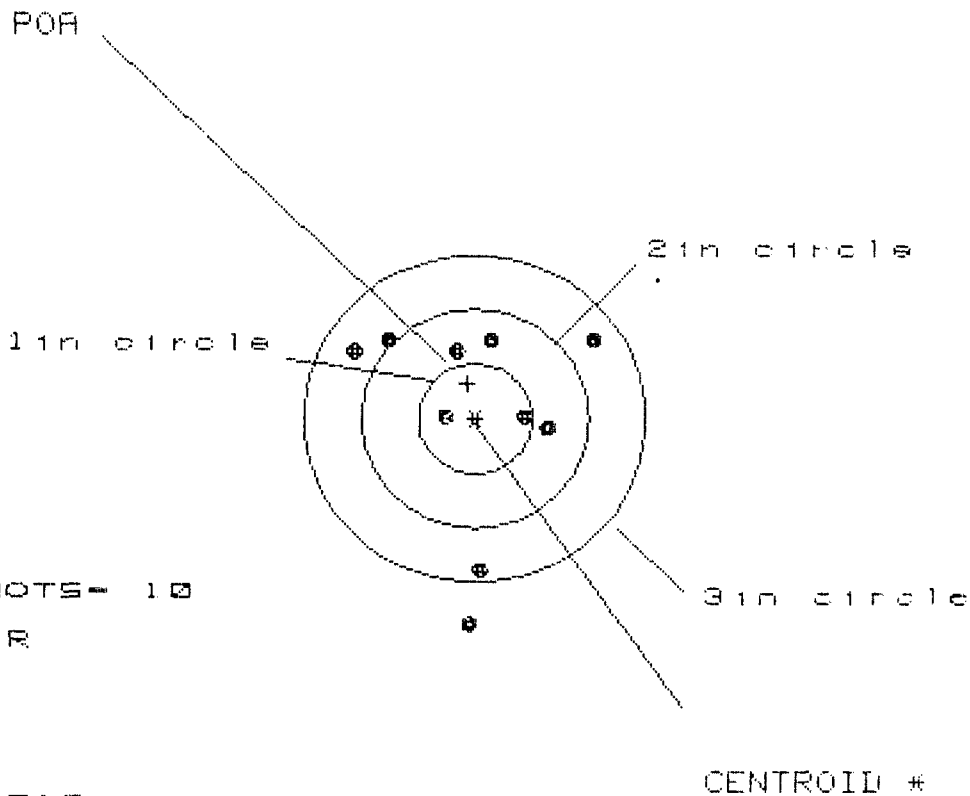
CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.668	1.558	1.398
MINIMUM X	:	-1.467	-1.281	-.467
MAXIMUM Y	:	.979	.873	.836
MINIMUM Y	:	-.952	-.365	-.402
CENTROID X	:	.041	-.145	.015
CENTROID Y	:	-.235	-.129	-.092
POA TO CENTROID in.	:	.238	.194	.093
MIN RADIUS	:	.262	.110	.119
MEAN RADIUS	:	.826	.643	.583
MAX RADIUS	:	1.921	1.560	1.402
HORIZONTAL SPREAD	:	3.135	2.839	1.865
VERTICAL SPREAD	:	1.931	1.238	1.238
EXTREME SPREAD	:	3.227	2.847	2.004
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.018

VS= 2.610

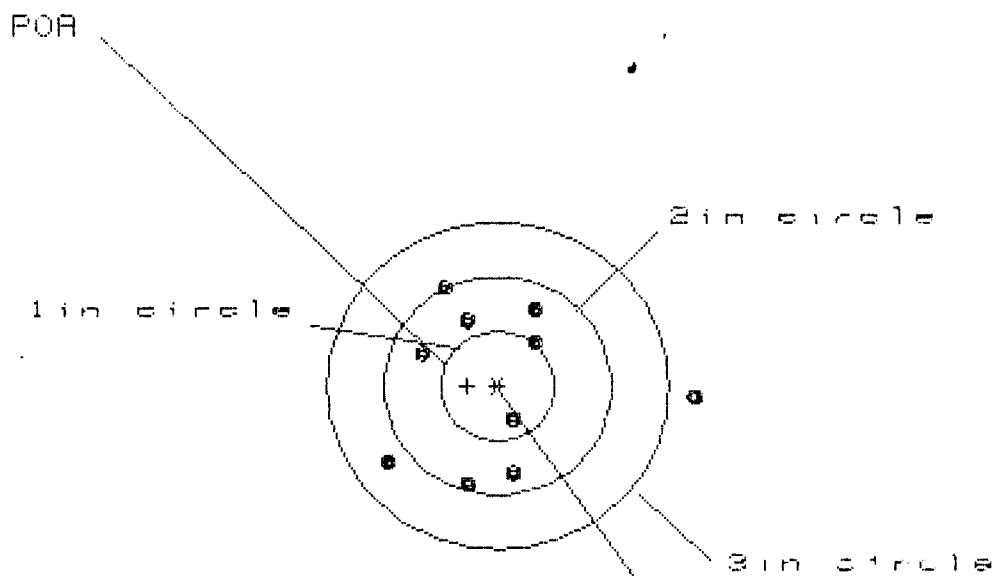
GS= 2.789

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.993	.993
MINIMUM X	:	-1.023	-1.025	-1.024
MAXIMUM Y	:	.715	.504	.305
MINIMUM Y	:	-1.896	-1.587	-1.510
CENTROID X	:	.062	.064	.063
CENTROID Y	:	-.321	-.110	.089
POA TO CENTROID in.	:	.326	.127	.109
MIN RADIUS	:	.226	.312	.281
MEAN RADIUS	:	.937	.792	.667
MAX RADIUS	:	1.896	1.587	1.037
HORIZONTAL SPREAD	:	2.018	2.018	2.018
VERTICAL SPREAD	:	2.610	2.091	.816
EXTREME SPREAD	:	2.789	2.305	2.022
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.766

VS= 1.787

GS= 2.842

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.779	.553	.455
MINIMUM X	:	-.987	-.790	-.594
MAXIMUM Y	:	.915	.908	.819
MINIMUM Y	:	-.872	-.879	-.969
CENTROID X	:	.267	.070	.168
CENTROID Y	:	-.002	.005	.095
POA TO CENTROID in.	:	.267	.070	.193
MIN RADIUS	:	.365	.471	.491
MEAN RADIUS	:	.876	.765	.709
MAX RADIUS	:	1.780	1.068	.977
HORIZONTAL SPREAD	:	2.766	1.343	1.049
VERTICAL SPREAD	:	1.787	1.787	1.787
EXTREME SPREAD	:	2.842	1.927	1.839
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	