

C6648964

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



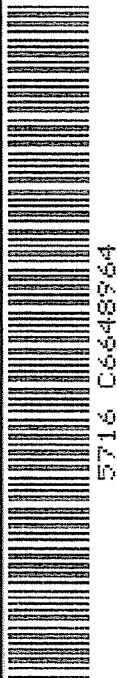
Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

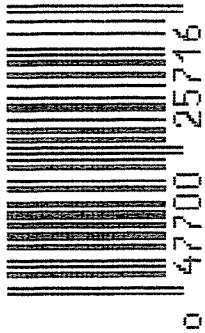
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6648964	ORDER NO. 5716
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UPC



CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL # C6648964

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	3 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-22-91	LB
	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		8/29/91	GR

op. #	BARBER M24 0030061	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	5	5 1/2	8-29-91	D/H		
	G) Safety Off Force	2	2	2	8-29-91	D/H		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.022	.023	.021	8-29-91	D/H		
	J) Assemble Stock							
	K) Assemble Swivel Studs				8-31-91	D/H		
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test				8/30/91	KT		
	A) Time				"	KT		
	B) Malfunctions				"	KT		
	C) Pierced Primers				"	KT		
	D) Optical Clarity of Scope				"	KT		
645	Inspect for Live Ammo				8/30/91	KT		
655	Final Inspection							
	A) Headspace				8-31-91	D/H		
	B) Trigger Pull	263	241	250	237	242	8-31-91	D/H
	C) Function						8-31-91	D/H
660	Pack						9-18-91	NE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6648964

DATE 8/29/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.54	2.51	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.60	2.55	2.41	
PULL #3	2.60	2.51	2.38	2.50	
PULL #4	2.59	2.39	2.54	2.37	
PULL #5	2.57	2.56	2.50	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.27		
PULL #2	3.32	3.28		
PULL #3	3.35	3.36		
PULL #4	3.34	3.46		
PULL #5	3.49	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.31		4.50
PULL #2	4.25	4.34		4.55
PULL #3	4.46	4.20		4.55
PULL #4	4.29	4.41		4.47
PULL #5	4.28	4.32		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648964
30 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.457867
1 TO	2	.277065
1 TO	3	.616587
1 TO	4	.703301
1 TO	5	.633329

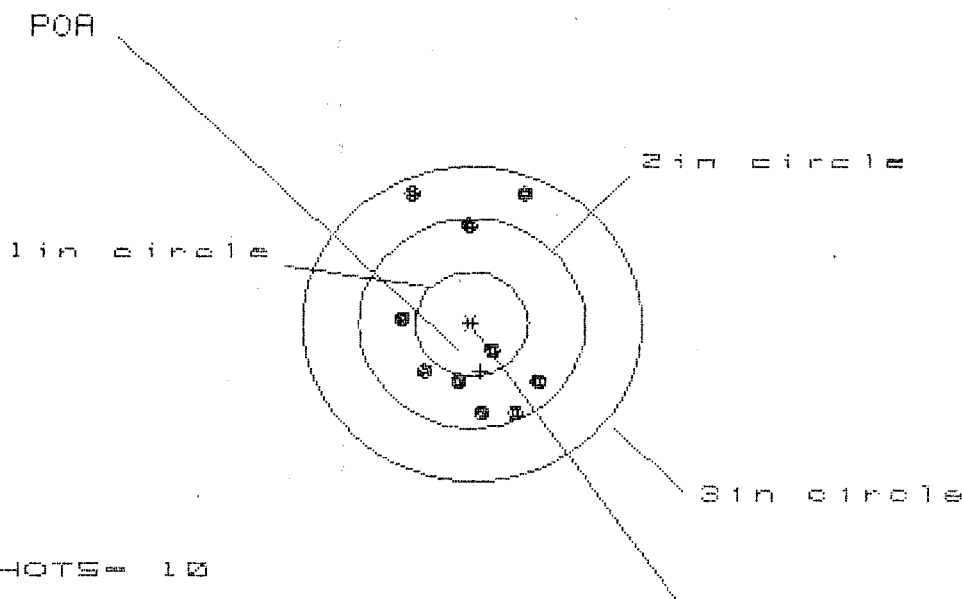
4.93 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .043
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .6471717
THE AMR FOR THIS RIFLE IS: .8124

30 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.230

VS= 2.089

GS= 2.272

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.588	.526	.580
MINIMUM X	:	-.642	-.704	-.650
MAXIMUM Y	:	1.242	1.380	1.240
MINIMUM Y	:	-.847	-.709	-.536
CENTROID X	:	-.079	-.017	-.071
CENTROID Y	:	.451	.314	.141
POA TO CENTROID in.	:	.458	.314	.158
MIN RADIUS	:	.305	.159	.172
MEAN RADIUS	:	.833	.730	.587
MAX RADIUS	:	1.356	1.445	1.240
HORIZONTAL SPREAD	:	1.230	1.230	1.230
VERTICAL SPREAD	:	2.089	2.089	1.776
EXTREME SPREAD	:	2.272	2.126	1.807
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 9

HS= 2.311

VS= 1.956

GS= 2.383

PATTERN #

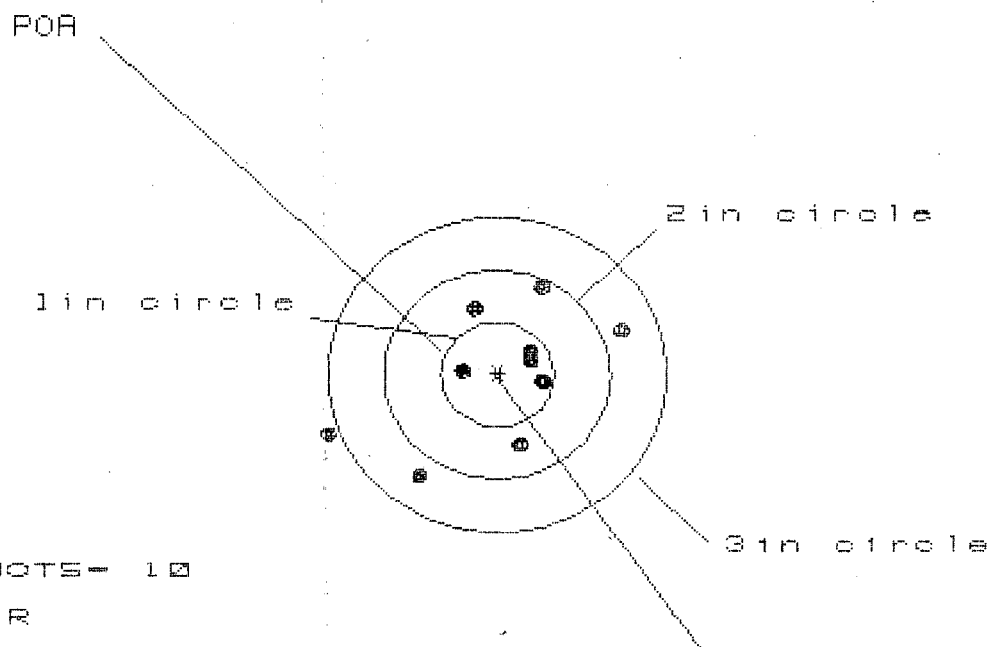
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.720	.544	.509
MINIMUM X	-1.591	-.346	-.381
MAXIMUM Y	1.231	1.246	.572
MINIMUM Y	-.725	-.710	-.554
CENTROID X	.022	.198	.233
CENTROID Y	.193	.178	.022
POA TO CENTROID in.	.194	.266	.234
MIN RADIUS	.176	.147	.287
MEAN RADIUS	.679	.558	.457
MAX RADIUS	1.597	1.277	.588
HORIZONTAL SPREAD	2.311	.890	.890
VERTICAL SPREAD	1.956	1.956	1.126
EXTREME SPREAD	2.383	1.981	1.145
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.565

VS= 1.847

GS= 2.750

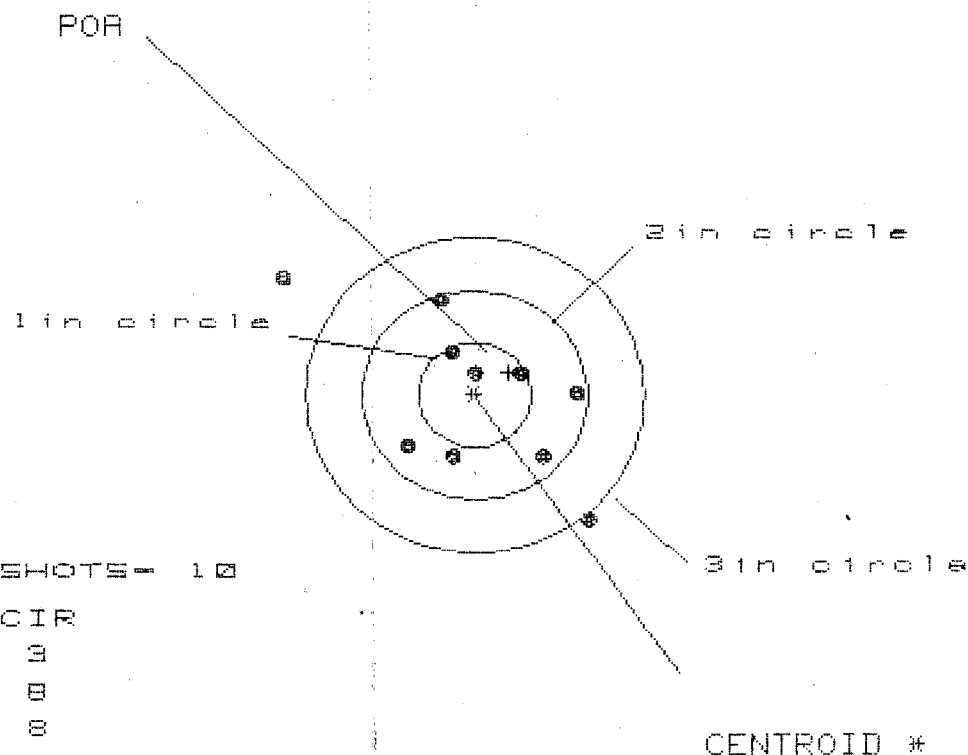
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.063	.896	.783
MINIMUM X	-1.502	-.898	-.584
MAXIMUM Y	.833	.773	.639
MINIMUM Y	-1.014	-1.074	-.899
CENTROID X	.303	.469	.582
CENTROID Y	-.033	.027	.161
POA TO CENTROID in.	.304	.470	.604
MIN RADIUS	.306	.167	.050
MEAN RADIUS	.778	.639	.504
MAX RADIUS	1.597	1.400	.901
HORIZONTAL SPREAD	2.565	1.794	1.367
VERTICAL SPREAD	1.847	1.847	1.538
EXTREME SPREAD	2.750	2.314	1.545
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 8

3 in - 8

HS - 2.757

VS - 2.254

GS - 3.561

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.047	.857	.827
MINIMUM X	-1.710	-.826	-.718
MAXIMUM Y	1.112	1.063	.935
MINIMUM Y	-1.142	-1.018	-.594
CENTROID X	-.305	-.115	-.223
CENTROID Y	-.215	-.339	-.211
POA TO CENTROID in.	.373	.358	.307
MIN RADIUS	.203	.357	.201
MEAN RADIUS	.875	.739	.639
MAX RADIUS	2.040	1.331	.995
HORIZONTAL SPREAD	2.757	1.683	1.545
VERTICAL SPREAD	2.254	2.081	1.529
EXTREME SPREAD	3.561	2.456	1.749
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

30 Aug 1991

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 1.530

VS = 3.412

GS = 3.413

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.601	.661	.736
MINIMUM X	-1.030	-.963	-.888
MAXIMUM Y	1.381	1.155	.487
MINIMUM Y	-2.031	-1.143	-.999
CENTROID X	-.038	-.105	-.180
CENTROID Y	-.181	.045	-.100
POA TO CENTROID in.	.185	.114	.206
MIN RADIUS	.233	.172	.277
MEAN RADIUS	.897	.723	.654
MAX RADIUS	2.118	1.302	1.030
HORIZONTAL SPREAD	1.630	1.624	1.624
VERTICAL SPREAD	3.412	2.298	1.485
EXTREME SPREAD	3.413	2.337	1.847
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		