

C6648935

MODEL 700TM M24

Model **S&S** TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.



Remington[®]

MODEL 700TM H24

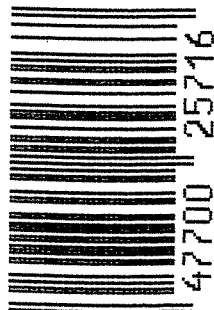
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. C6648935
ORDER NO. 5716

UPC



0 47700 25716 7



5716 C6648935

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648935

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	7 2 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	FB
618	Polish Barrel		7/27/91	WB
620	Apply Coatings (Barrel Action)		8/23/91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	Rw
	C) Inspect Ejector Hole for Chamfer		8/29/91	Rw
	D) Oil Firing Pin Ass'y		8/29/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/91	JS

Op. #	BARBER - M24 0033512	READINGS					DATE	INIT
625 cont.	F) Safety On Force	64	6	6			9-10-91	DH
	G) Safety Off Force	22	2	24			9-10-91	DH
	H) Trigger Pull Test & Retainability						9/10/91	SLP
	I) Firing Pin Indent	.022	.020	.020			9-10-91	DH
	J) Assemble Stock						9/11/91	RW
	K) Assemble Swivel Studs						9/13/91	RM
	L) Attach Front and Rear Sight Assemblies						9/11/91	RW
	M) Iron Sight Alignment						9/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/11/91	RW
	O) Attach Scope to Rifle						9/11/91	RW
	P) Detach & Attach Scope 20 Times						9/11/91	RW
640	Gallery Target & Test						9-11-91	DH
	A) Time						9-11-91	DH
	B) Malfunctions						9-11-91	DH
	C) Pierced Primers						9-11-91	DH
	D) Optical Clarity of Scope						9-11-91	DH
645	Inspect for Live Ammo						9-11-91	DH
655	Final Inspection							
	A) Headspace						9/13/91	SLP
	B) Trigger Pull	2.18	2.15	2.16	2.15	2.32	9/12/91	SLP
	C) Function						9/13/91	RM
660	Pack						9-19-91	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6648935DATE 9-10-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.38	2.45	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.40	2.50	2.15	
PULL #3	2.54	2.44	2.40	2.16	
PULL #4	2.59	2.29	2.47	2.15	
PULL #5	2.59	2.51	2.43	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.29		
PULL #2	3.43	3.38		
PULL #3	3.25	3.37		
PULL #4	3.39	3.40		
PULL #5	3.45	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.46		4.37
PULL #2	4.59	4.50		4.46
PULL #3	4.46	4.40		4.32
PULL #4	4.49	4.48		4.39
PULL #5	4.42	4.30		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648935
11 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.0907083
1 TO 2	.322531
1 TO 3	.101079
1 TO 4	.0764199
1 TO 5	.239015

5

2

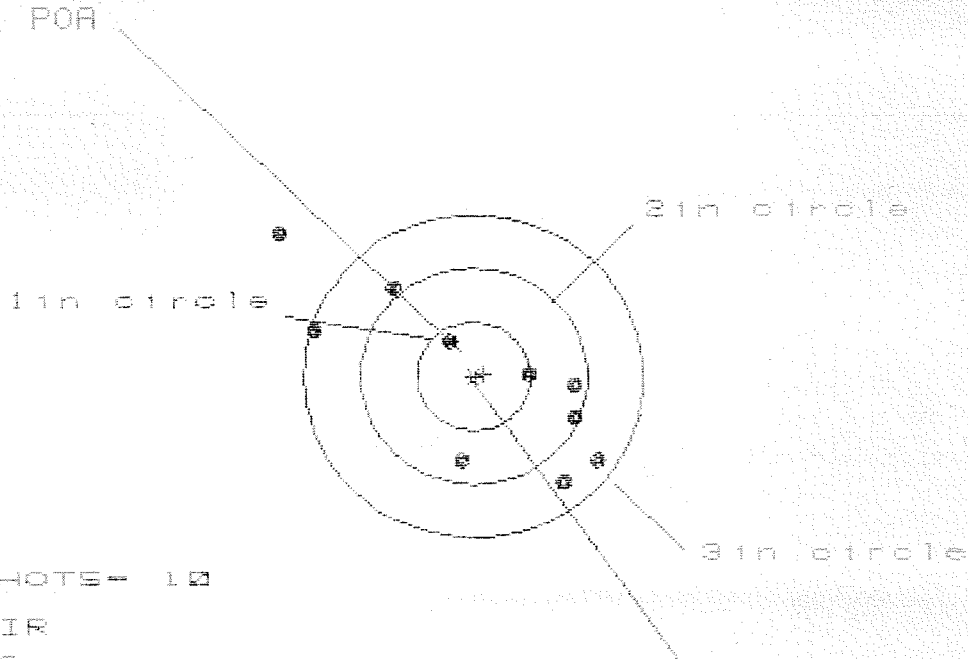
(----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0606
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .071742
THE AMR FOR THIS RIFLE IS: 1.033

11 Sep 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.869

VS= 2.304

GS= 3.600

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.133	.940	.738
MINIMUM X	-1.736	-1.614	-1.062
MAXIMUM Y	1.360	.925	1.001
MINIMUM Y	-.944	-.793	-.717
CENTROID X	-.088	.104	.306
CENTROID Y	-.022	-.173	-.249
POA TO CENTROID in.	.091	.202	.394
MIN RADIUS	.370	.356	.306
MEAN RADIUS	1.080	.910	.762
MAX RADIUS	2.206	1.724	1.459
HORIZONTAL SPREAD	2.869	2.554	1.800
VERTICAL SPREAD	2.304	1.718	1.718
EXTREME SPREAD	3.600	2.852	2.400
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

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 4.292

VS = 2.895

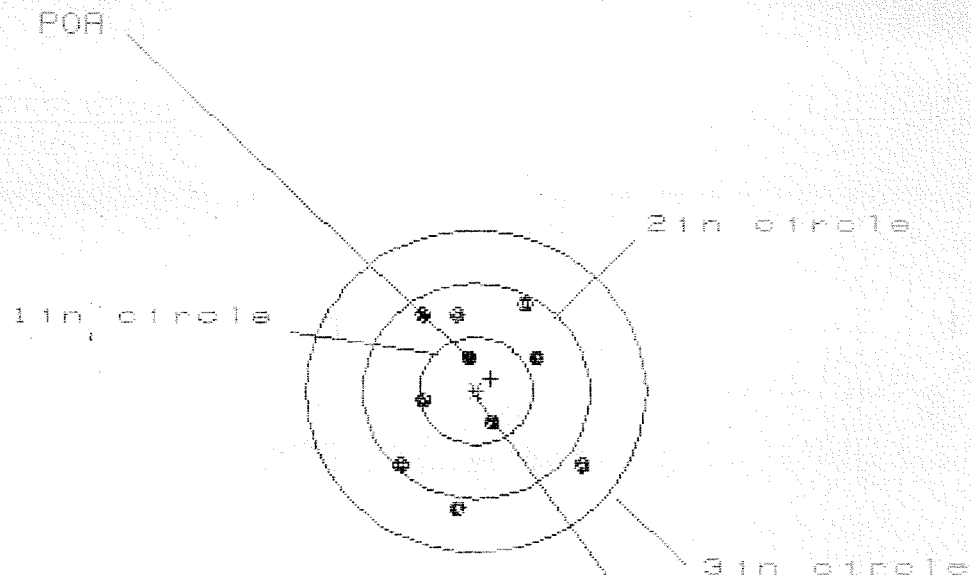
GS = 4.534

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	3.836	.773	.658
MINIMUM X	-1.256	-.919	-.636
MAXIMUM Y	.976	.925	.679
MINIMUM Y	-1.919	-1.970	-1.432
CENTROID X	.063	-.274	-.159
CENTROID Y	-.387	-.256	-.010
POA TO CENTROID in.	.313	.375	.159
MIN RADIUS	.166	.271	.381
MEAN RADIUS	1.162	.918	.695
MAX RADIUS	3.070	2.174	1.446
HORIZONTAL SPREAD	4.292	1.692	1.294
VERTICAL SPREAD	2.895	2.895	2.111
EXTREME SPREAD	4.534	3.006	2.269
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.514

VS= 1.887

GS= 2.023

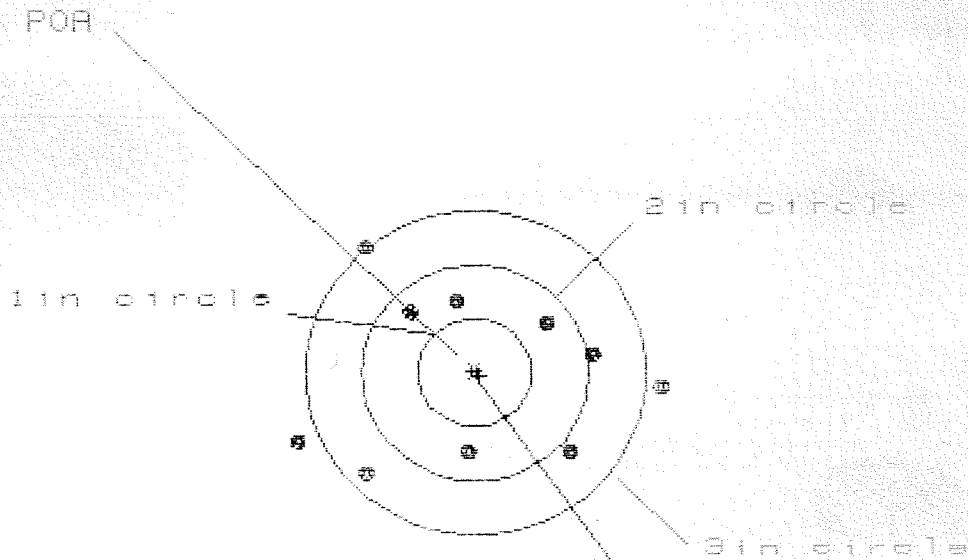
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.981	.616	.603
MINIMUM X	-.633	-.524	-.537
MAXIMUM Y	.793	.720	.574
MINIMUM Y	-1.894	-1.167	-.934
CENTROID X	-.132	-.241	-.228
CENTROID Y	-.113	-.040	.106
POA TO CENTROID in.	.174	.244	.251
MIN RADIUS	.314	.225	.079
MEAN RADIUS	.747	.681	.593
MAX RADIUS	1.183	1.172	1.078
HORIZONTAL SPREAD	1.614	1.140	1.140
VERTICAL SPREAD	1.887	1.887	1.508
EXTREME SPREAD	2.023	1.994	1.846
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.252

VS= 2.102

GS= 3.285

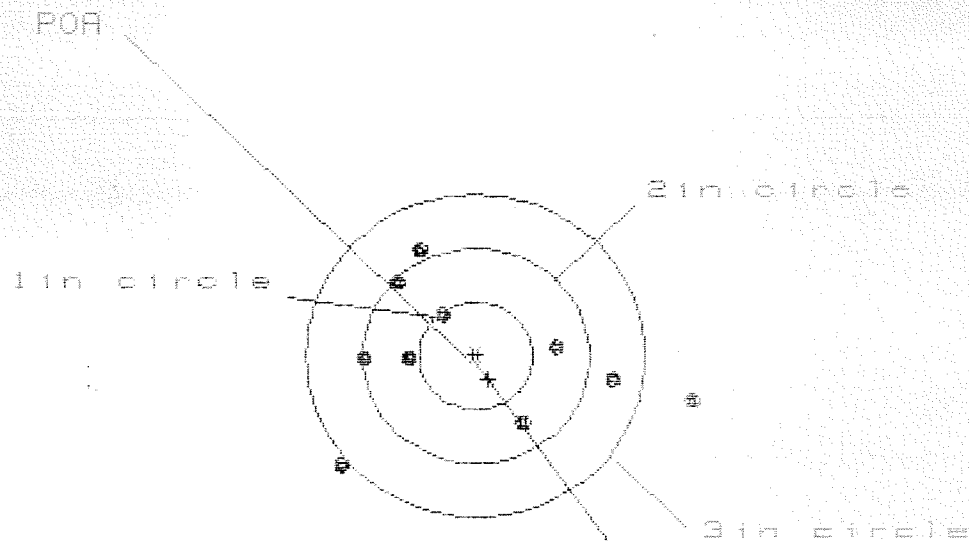
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.653	1.475	1.075
MINIMUM X	-1.599	-1.155	-.971
MAXIMUM Y	1.198	1.131	1.106
MINIMUM Y	-.904	-.971	-.996
CENTROID X	-.036	.142	-.042
CENTROID Y	.034	.101	.126
POA TO CENTROID in.	.049	.174	.133
MIN RADIUS	.666	.632	.576
MEAN RADIUS	1.137	1.053	.992
MAX RADIUS	1.708	1.614	1.469
HORIZONTAL SPREAD	3.252	2.630	2.046
VERTICAL SPREAD	2.102	2.102	2.102
EXTREME SPREAD	3.285	2.945	2.653
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.039

VS= 1.998

GS= 3.100

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.862
MINIMUM X	-1.177
MAXIMUM Y	1.010
MINIMUM Y	-0.989
CENTROID X	-0.110
CENTROID Y	0.216
POA TO CENTROID in.	0.242
MIN RADIUS	0.471
MEAN RADIUS	1.038
MAX RADIUS	1.900
HORIZONTAL SPREAD	3.039
VERTICAL SPREAD	1.998
EXTREME SPREAD	3.100
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8