

C6649245

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
 MODEL 700TM H24

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

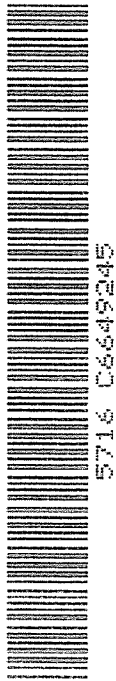
DUPONT
 REG. U.S. PAT. & TM. OFF.

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

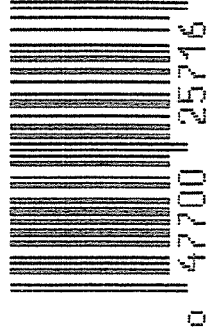
SERIAL NO.
 C6649245

ORDER NO.
 5716

20



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649245

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	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	GS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	AA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/91	JH

op. #	BARBER - M24 0066879 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7 1/4	7			8-28-91	DH
	G) Safety Off Force	3	3	3			8-28-91	DH
	H) Trigger Pull Test & Retainability						8/28/91	JH
	I) Firing Pin Indent	.022	.022	.022			8-28-91	DH
	J) Assemble Stock						8/28/91	RW
	K) Assemble Swivel Studs						9-4-91	DH
	L) Attach Front and Rear Sight Assemblies						8/28/91	RW
	M) Iron Sight Alignment						8/28/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	RW
	O) Attach Scope to Rifle						8/28/91	RW
	P) Detach & Attach Scope 20 Times						8/28/91	RW
640	Gallery Target & Test						8-29-91	AC
	A) Time						8-29-91	AC
	B) Malfunctions						8-29-91	AC
	C) Pierced Primers						8-29-91	AC
	D) Optical Clarity of Scope						8-29-91	AC
645	Inspect for Live Ammo						8-29-91	AC
655	Final Inspection							
	A) Headspace						9-4-91	DH
	B) Trigger Pull	215	210	207	210	213	8-31-91	DH
	C) Function						9-4-91	DH
660	Pack						9-18-91	RW

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06649245DATE 8/28/91TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.36	2.41	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.23	2.44	2.10	
PULL #3	2.33	2.30	2.30	2.07	
PULL #4	2.27	2.41	2.28	2.10	
PULL #5	2.46	2.35	2.38	2.13	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.67		
PULL #2	3.60	3.27		
PULL #3	3.49	3.31		
PULL #4	3.66	3.58		
PULL #5	3.65	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.38		4.20
PULL #2	4.27	4.15		4.35
PULL #3	4.34	4.24		4.22
PULL #4	4.28	4.55		4.30
PULL #5	4.18	4.30		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649245
29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.1014
1 TO	2	.307234
1 TO	3	.0826075
1 TO	4	.198816
1 TO	5	.211085

* <----POA

THE X-COORDINATE FOR THIS RIFLE IS: .0804
THE Y-COORDINATE FOR THIS RIFLE IS: .0784
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .112297
THE POI RADIUS FOR THIS RIFLE IS: .8462

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FILE:/PATTERNING/CENTERFIRE_PATT/06649245

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 2.479

VS = 2.968

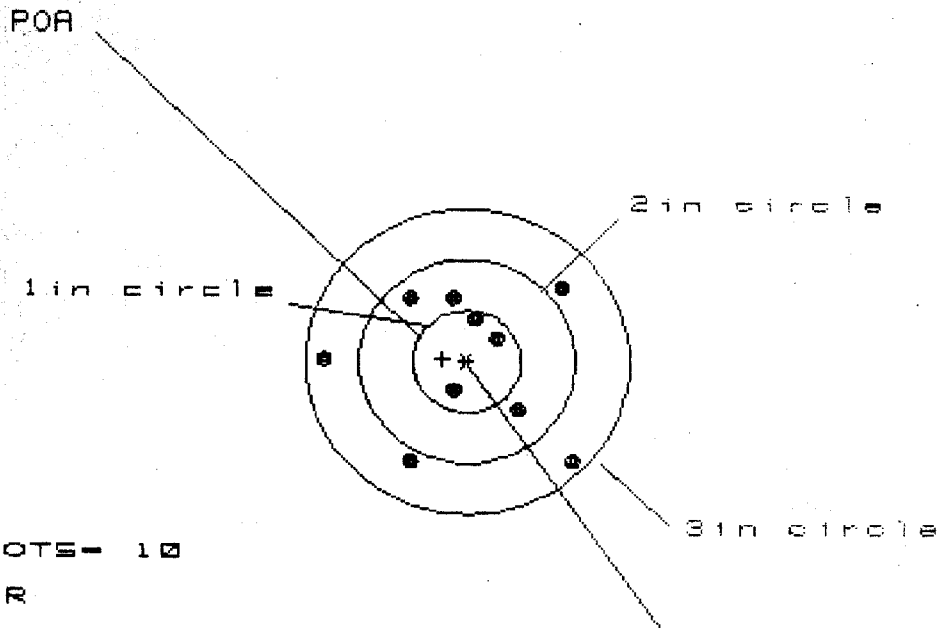
GS = 2.985

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.573	.868	.876
MINIMUM X	-.906	-.731	-.723
MAXIMUM Y	1.439	1.476	1.289
MINIMUM Y	-1.529	-1.492	-.838
CENTROID X	-.061	-.236	-.244
CENTROID Y	.081	.044	.231
POA TO CENTROID in.	.101	.240	.336
MIN RADIUS	.427	.316	.376
MEAN RADIUS	.974	.868	.791
MAX RADIUS	1.608	1.524	1.347
HORIZONTAL SPREAD	2.479	1.599	1.599
VERTICAL SPREAD	2.968	2.968	2.127
EXTREME SPREAD	2.985	2.985	2.231
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10
IN CIR
1 in = 3
2 in = 6
3 in = 10
HS= 2.311
VS= 1.736
GS= 2.514

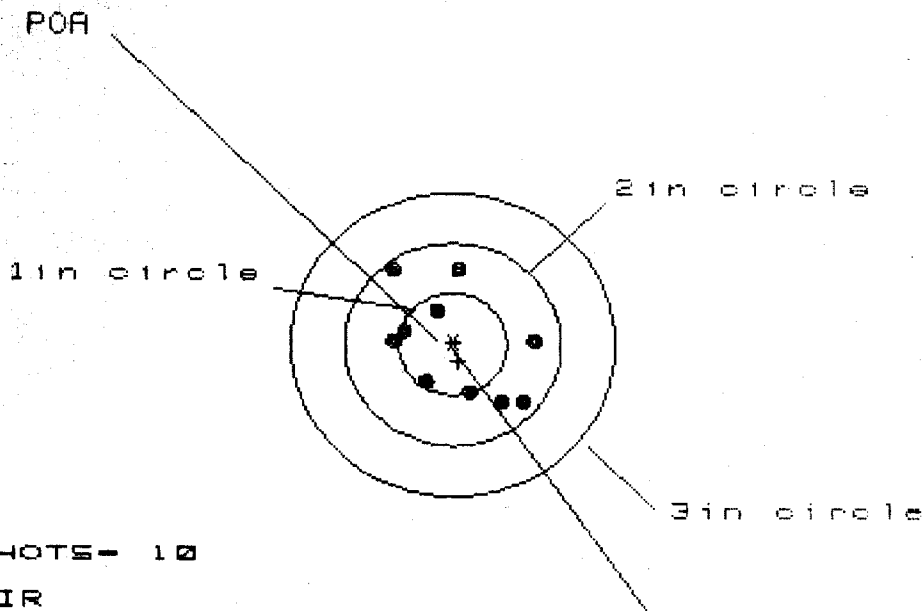
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.980	.831
MINIMUM X	:	-1.304	-1.192	-.609
MAXIMUM Y	:	.730	.626	.618
MINIMUM Y	:	-1.006	-1.110	-1.118
CENTROID X	:	.227	.115	.264
CENTROID Y	:	-.026	.078	.086
POA TO CENTROID in.	:	.229	.139	.278
MIN RADIUS	:	.291	.363	.287
MEAN RADIUS	:	.814	.738	.661
MAX RADIUS	:	1.380	1.202	1.273
HORIZONTAL SPREAD	:	2.311	2.172	1.440
VERTICAL SPREAD	:	1.736	1.736	1.736
EXTREME SPREAD	:	2.514	2.277	2.256
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 10

3 in = 10

HS= 1.294

VS= 1.381

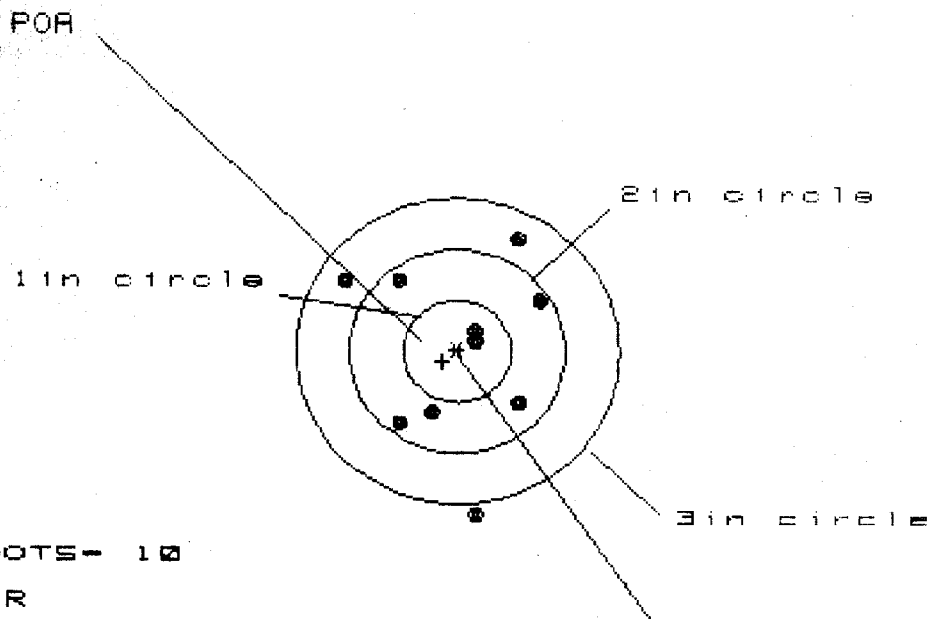
GS= 1.793

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.725	.668	.739
MINIMUM X	:	-.569	-.626	-.555
MAXIMUM Y	:	.775	.794	.729
MINIMUM Y	:	-.606	-.520	-.542
CENTROID X	:	-.051	.006	-.065
CENTROID Y	:	.163	.077	.142
POA TO CENTROID in.	:	.171	.077	.156
MIN RADIUS	:	.381	.421	.393
MEAN RADIUS	:	.630	.593	.560
MAX RADIUS	:	.932	.794	.739
HORIZONTAL SPREAD	:	1.294	1.294	1.294
VERTICAL SPREAD	:	1.381	1.314	1.271
EXTREME SPREAD	:	1.793	1.440	1.327
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 1.826

VS = 2.733

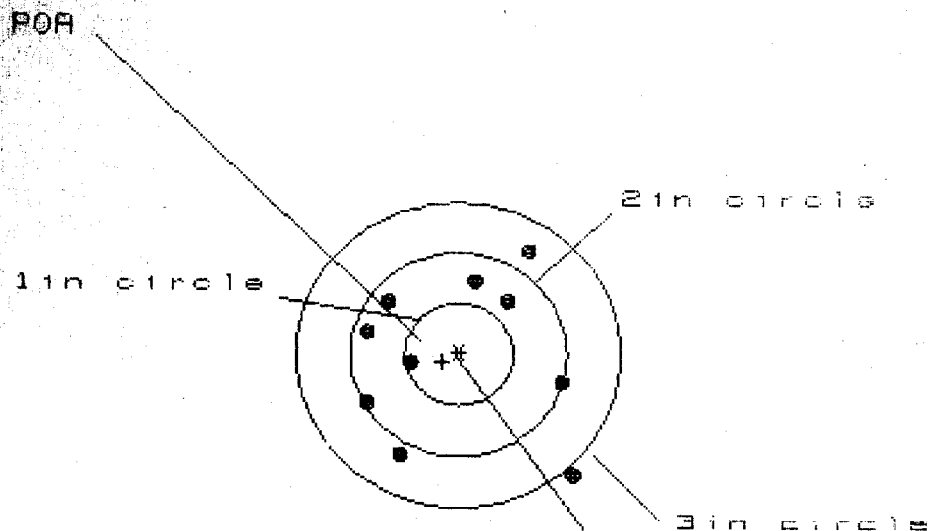
GS = 2.759

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.755	.777	.646
MINIMUM X	:	-1.071	-1.049	-.687
MAXIMUM Y	:	1.122	.943	1.009
MINIMUM Y	:	-1.611	-.883	-.818
CENTROID X	:	.137	.115	.246
CENTROID Y	:	.099	.278	.212
POA TO CENTROID in.	:	.169	.301	.325
MIN RADIUS	:	.172	.203	.057
MEAN RADIUS	:	.867	.775	.687
MAX RADIUS	:	1.623	1.172	1.110
HORIZONTAL SPREAD	:	1.826	1.826	1.333
VERTICAL SPREAD	:	2.733	1.826	1.826
EXTREME SPREAD	:	2.759	2.158	2.158
NUMBER IN ONE INCH CIRCLE	=	2		
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 = 1

2in = 6

3in = 9

HS= 1.876

VS= 2.208

GS= 2.373

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.025	1.094	1.193
MINIMUM X	-.851	-.737	-.638
MAXIMUM Y	1.008	.874	.673
MINIMUM Y	-1.200	-1.146	-1.036
CENTROID X	.150	.036	-.063
CENTROID Y	.075	.209	.100
POA TO CENTROID in.	.168	.212	.118
MIN RADIUS	.473	.393	.265
MEAN RADIUS	.946	.841	.792
MAX RADIUS	1.579	1.219	1.225
HORIZONTAL SPREAD	1.876	1.831	1.931
VERTICAL SPREAD	2.208	2.020	1.710
EXTREME SPREAD	2.373	2.353	1.856
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		