

C6349007

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington® **DU PONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6349007

ORDER NO. 5716

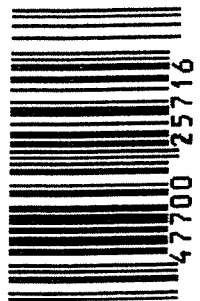
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6349007

UPC



0 47700 25716 7

RC-37
Replace

BARBER - M24 0105546

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349007

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	A
607	Check Headspace	1 12	90	A
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/17/90	JS
617	Drill and Tap Sight Holes		1/19/90	FB
618	Polish Barrel AB		1/22/90	WB
620	Apply Coatings (Barrel Action)		1-20-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/90	RW
	C) Inspect Ejector Hole for Chamfer		2/2/90	RW
	D) Oil Firing Pin Ass'y		2/2/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-7-90	PL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			2-7-90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2-7-90	WB
	H) Trigger Pull Test & Retainability						2-7-90	JL
	I) Firing Pin Indent	.021	.0275	.0225			2-7-90	WB
	J) Assemble Stock						3/14/90	RW
	K) Assemble Swivel Studs						3/15/90	WB
	L) Attach Front and Rear Sight Assemblies						3/14/90	RW
	M) Iron Sight Alignment						3/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/14/90	RW
	O) Attach Scope to Rifle						3/14/90	JL
	P) Detach & Attach Scope 20 Times						3/14/90	JL
640	Gallery Target & Test						3-14-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						3-14-90	A
655	Final Inspection							
	A) Headspace						15MAY90	JL
	B) Trigger Pull	255	251	254	253	253	15MAY90	JL
	C) Function						15MAY90	JL
660	Pack						19MAY90	JL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CG349007

DATE 2-7-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.28	2.30	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.34	2.34	2.51	
PULL #3	2.21	2.33	2.30	2.54	
PULL #4	2.25	2.30	2.32	2.53	
PULL #5	2.47	2.31	2.35	2.53	
TOTAL	11.50	11.56	11.61	12.66	
AVG.	2.3	2.312	2.322	2.532	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.25		
PULL #2	3.28	3.28		
PULL #3	3.24	3.18		
PULL #4	3.24	3.22		
PULL #5	3.32	3.22		
TOTAL	16.33	16.15		
AVG.	3.266	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.10		4.17
PULL #2	4.01	4.10		4.33
PULL #3	3.99	4.14		4.12
PULL #4	4.00	4.12		4.10
PULL #5	4.01	4.20		4.15
TOTAL	20.20	20.66		20.87
AVG.	4.04	4.132		4.174

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349007
14 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.232835
1 TO	2	.675273
1 TO	3	.416711
1 TO	4	.170065
1 TO	5	.30006

$\frac{41}{96}$ <----POA
2

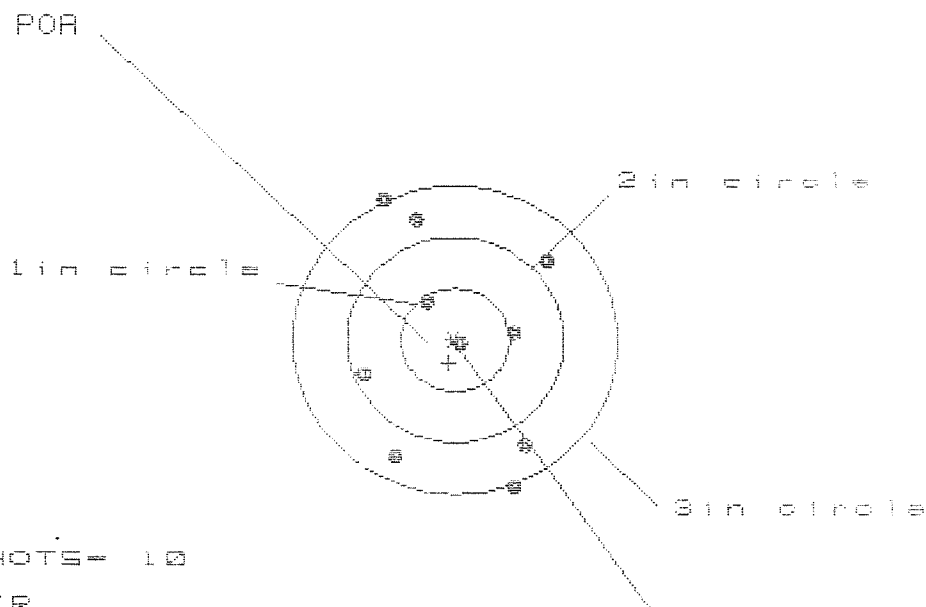
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0274
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0471733

THE AMR FOR THIS RIFLE IS: 1.141

14 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349007

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 1.687

VS = 2.800

GS = 3.051

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.864	.793	.856
MINIMUM X	-.823	-.894	-.831
MAXIMUM Y	1.423	1.324	1.171
MINIMUM Y	-1.377	-1.219	-1.085
CENTROID X	.056	.127	.064
CENTROID Y	.226	.068	.220
POA TO CENTROID in.	.233	.144	.230
MIN RADIUS	.060	.167	.053
MEAN RADIUS	.979	.922	.841
MAX RADIUS	1.560	1.401	1.236
HORIZONTAL SPREAD	1.687	1.687	1.687
VERTICAL SPREAD	2.800	2.543	2.256
EXTREME SPREAD	3.051	2.719	2.405
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

14 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349007

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 3.450

VS= 2.300

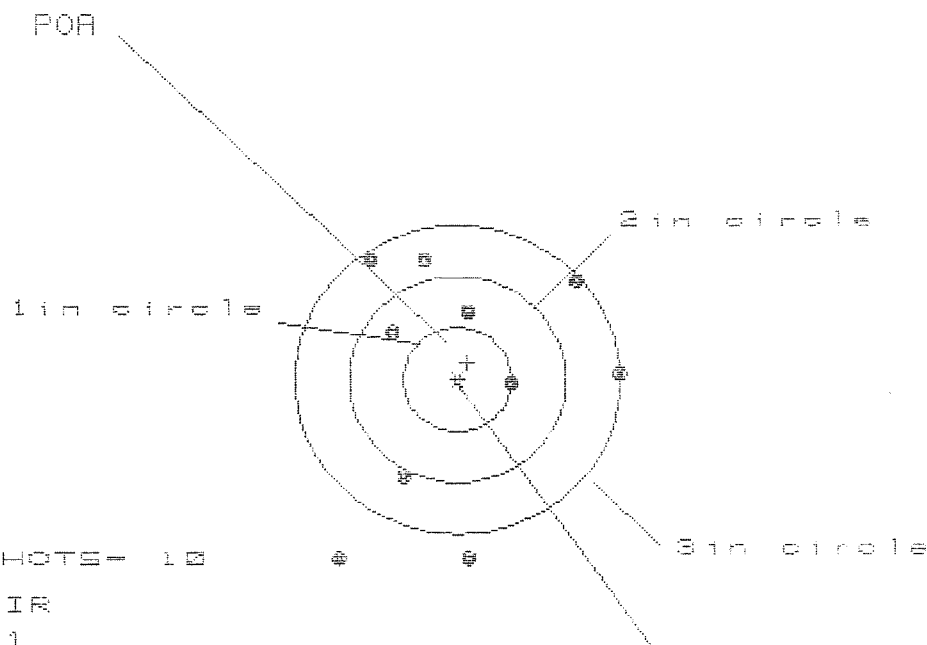
GS= 3.588

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.116	1.749	1.611
MINIMUM X	-1.343	-1.103	-0.991
MAXIMUM Y	.921	.908	.772
MINIMUM Y	-1.379	-1.392	-1.528
CENTROID X	.228	-.007	.131
CENTROID Y	-.427	-.414	-.278
POA TO CENTROID in.	.484	.414	.387
MIN RADIUS	.315	.145	.315
MEAN RADIUS	1.154	1.001	.938
MAX RADIUS	2.120	1.763	1.613
HORIZONTAL SPREAD	3.459	2.857	2.502
VERTICAL SPREAD	2.300	2.300	2.300
EXTREME SPREAD	3.588	3.141	2.571
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

14 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08345007

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 2.547

VS= 2.960

GS= 3.395

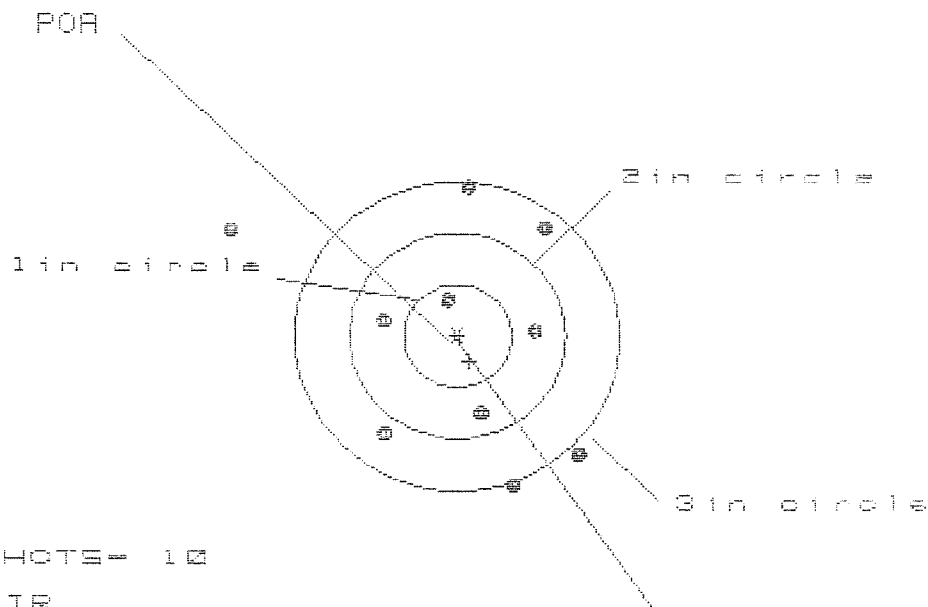
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.478
MINIMUM X	-1.069
MAXIMUM Y	1.179
MINIMUM Y	-1.781
CENTROID X	-.096
CENTROID Y	-.162
POA TO CENTROID in.	.189
MIN RADIUS	.475
MEAN RADIUS	1.228
MAX RADIUS	2.008
HORIZONTAL SPREAD	2.547
VERTICAL SPREAD	2.960
EXTREME SPREAD	3.395
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	6

14 Mar 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.176

VS = 2.910

GS = 3.911

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.133	.906	.693
MINIMUM X	-2.043	-.935	-.821
MAXIMUM Y	1.500	1.623	1.491
MINIMUM Y	-1.410	-1.287	-1.419
CENTROID X	-.113	.114	.000
CENTROID Y	.245	.122	.254
POA TO CENTROID in.	.270	.167	.255
MIN RADIUS	.389	.553	.422
MEAN RADIUS	1.203	1.062	1.007
MAX RADIUS	2.322	1.626	1.491
HORIZONTAL SPREAD	3.176	1.841	1.514
VERTICAL SPREAD	2.910	2.910	2.910
EXTREME SPREAD	3.911	2.934	2.934
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

14 Mar 1988

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CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 1.901

VS = 3.004

GS = 3.327

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	.993	.640
MINIMUM X	-.973	-.908	-.784
MAXIMUM Y	1.584	1.490	1.336
MINIMUM Y	-1.420	-1.244	-1.398
CENTROID X	.062	-.003	-.127
CENTROID Y	-.074	-.250	-.096
POR TO CENTROID in.	.097	.250	.159
MIN RADIUS	.591	.505	.643
MEAN RADIUS	1.140	1.075	.995
MAX RADIUS	1.689	1.583	1.543
HORIZONTAL SPREAD	1.901	1.901	1.424
VERTICAL SPREAD	3.004	2.734	2.734
EXTREME SPREAD	3.327	2.873	2.873
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	