

C6649253

MODEL 700™ M24

Model **S&S**™

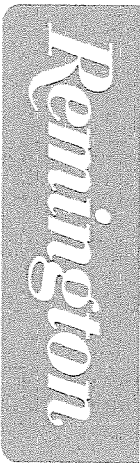
Action

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 700TM M24

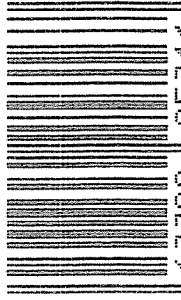
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO. C6649253	ORDER NO. 5716
------------------------	-------------------



5716 C6649253

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649253

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		LB
618	Polish Barrel	7/22/91		WB
620	Apply Coatings (Barrel Action)		7-22-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-14-91	RL

op. #	NAME BARBER-M24 0066973	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-19-91	JH
	G) Safety Off Force	3	3	3			8-19-91	JH
	H) Trigger Pull Test & Retainability						8-19-91	JH
	I) Firing Pin Indent	.0215	.0215	.0215			8-19-91	JH
	J) Assemble Stock						8/20/91	RW
	K) Assemble Swivel Studs						8-22-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/20/91	RW
	M) Iron Sight Alignment						8/20/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/20/91	RW
	O) Attach Scope to Rifle						8/20/91	RW
	P) Detach & Attach Scope 20 Times						8/20/91	RW
640	Gallery Target & Test						8-21-91	DH
	A) Time						8-21-91	DH
	B) Malfunctions						8-21-91	DH
	C) Pierced Primers						8-21-91	DH
	D) Optical Clarity of Scope						8-21-91	DH
645	Inspect for Live Ammo						8-21-91	DH
655	Final Inspection						8-22-91	D/H
	A) Headspace						8-21-91	D/H
	B) Trigger Pull	231	236	236	236	234	8-21-91	D/H
	C) Function						8-22-91	DH
660	Pack						7-17-91	DH

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

SERIAL NO. C-6649253DATE 8-19-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.44	2.34	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.32	2.30	2.36	
PULL #3	2.20	2.25	2.28	2.36	
PULL #4	2.25	2.24	2.25	2.36	
PULL #5	2.13	2.20	2.20	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.44		
PULL #2	3.48	3.45		
PULL #3	3.45	3.56		
PULL #4	3.44	3.51		
PULL #5	3.35	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.50		4.52
PULL #2	4.29	4.44		4.45
PULL #3	4.43	4.39		4.63
PULL #4	4.53	4.57		4.60
PULL #5	4.48	4.58		4.43
TOTAL				
AVG.				

DISTANCE CALCULATIONS

FILE # C6649253

1991

POI RADIAL DISTANCES

0 TO	1	.184838
1 TO	2	.289007
2 TO	3	.14682
3 TO	4	.24957
4 TO	5	.201814

4.5 <----POR

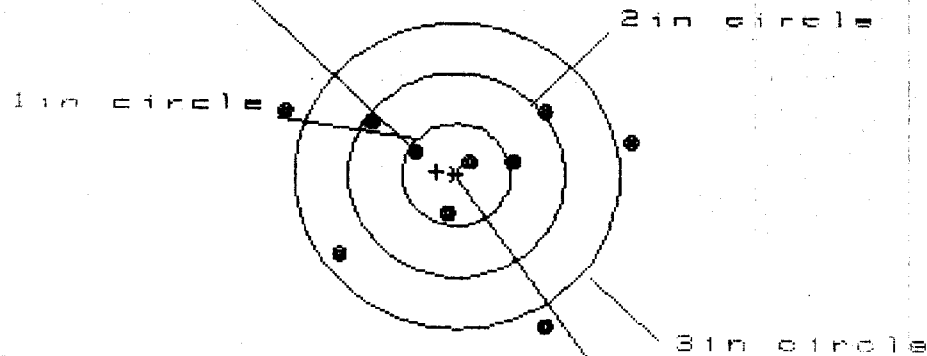
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .134
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0148
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .134815

THE AMR FOR THIS RIFLE IS: .9148

FILE: PATTERNING/CENTERFIRE_PATT/C8649253

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 7

CENTROID *

HS= 3.199

VS= 2.107

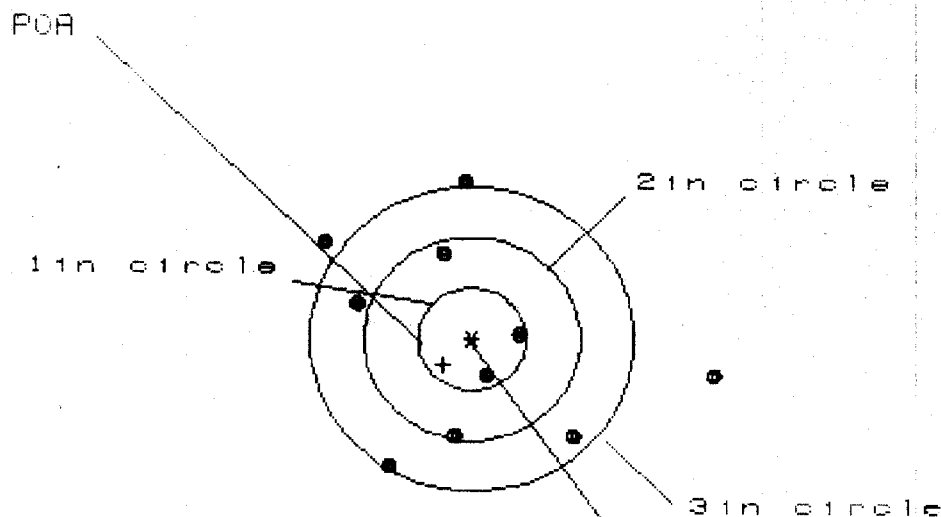
GS= 3.210

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.646	.957	1.072
MINIMUM X	:	-1.553	-1.370	-1.251
MAXIMUM Y	:	.617	.656	.475
MINIMUM Y	:	-1.490	-1.451	-.880
CENTROID X	:	.183	.000	-.119
CENTROID Y	:	-.026	-.065	.116
POA TO CENTROID in.	:	.185	.065	.167
MIN RADIUS	:	.195	.297	.080
MEAN RADIUS	:	.976	.898	.773
MAX RADIUS	:	1.683	1.738	1.337
HORIZONTAL SPREAD	:	3.199	2.327	2.323
VERTICAL SPREAD	:	2.107	2.107	1.355
EXTREME SPREAD	:	3.210	3.137	2.323
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649253

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 3.634

VS = 2.778

GS = 3.859

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.282	1.168	1.031
MINIMUM X	-1.352	-1.099	-.988
MAXIMUM Y	1.570	1.535	1.654
MINIMUM Y	-1.208	-1.243	-1.124
CENTROID X	.262	.009	.146
CENTROID Y	.252	.287	.168
POA TO CENTROID in.	.364	.287	.222
MIN RADIUS	.387	.559	.378
MEAN RADIUS	1.213	1.090	1.015
MAX RADIUS	2.303	1.546	1.655
HORIZONTAL SPREAD	3.634	2.267	2.019
VERTICAL SPREAD	2.778	2.778	2.778
EXTREME SPREAD	3.859	2.962	2.864
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649253

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.302

VS= 1.908

GS= 2.377

CENTROID *

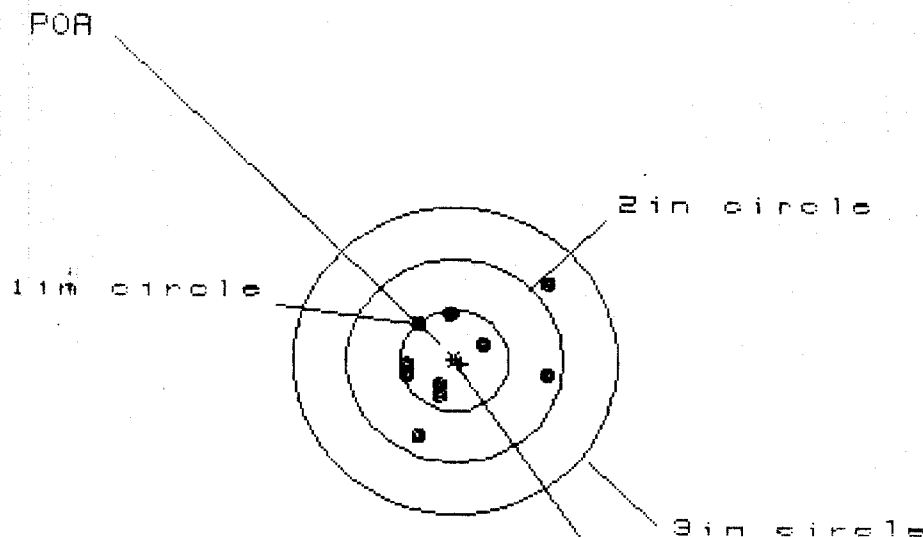
PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.983	.837	.770
MINIMUM X	-1.319	-.887	-.954
MAXIMUM Y	1.106	1.090	.657
MINIMUM Y	-.802	-.818	-.682
CENTROID X	.049	.195	.262
CENTROID Y	.034	.050	-.086
POA TO CENTROID in.	.059	.201	.276
MIN RADIUS	.286	.200	.048
MEAN RADIUS	.842	.770	.675
MAX RADIUS	1.327	1.216	1.116
HORIZONTAL SPREAD	2.302	1.724	1.724
VERTICAL SPREAD	1.908	1.908	1.339
EXTREME SPREAD	2.377	2.194	1.914
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

22 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PATT/06649253

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

CENTROID *

HS= 1.261

VS= 1.515

GS= 1.920

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.849	.917	.888
MINIMUM X	:	-.412	-.318	-.347
MAXIMUM Y	:	.734	.524	.436
MINIMUM Y	:	-.781	-.699	-.347
CENTROID X	:	-.059	-.153	-.124
CENTROID Y	:	.035	-.047	.041
POA TO CENTROID in.	:	.068	.160	.130
MIN RADIUS	:	.266	.146	.238
MEAN RADIUS	:	.552	.459	.430
MAX RADIUS	:	1.122	.921	.903
HORIZONTAL SPREAD	:	1.261	1.235	1.235
VERTICAL SPREAD	:	1.515	1.223	.783
EXTREME SPREAD	:	1.920	1.310	1.307
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649253

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.384

VS= 2.675

GS= 2.762

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.822	.878	.861
MINIMUM X	:	-.562	-.506	-.523
MAXIMUM Y	:	1.369	1.224	1.062
MINIMUM Y	:	-1.306	-1.223	-1.070
CENTROID X	:	.235	.179	.196
CENTROID Y	:	-.221	-.076	-.229
POA TO CENTROID in.	:	.322	.195	.301
MIN RADIUS	:	.360	.244	.377
MEAN RADIUS	:	.991	.912	.892
MAX RADIUS	:	1.398	1.238	1.108
HORIZONTAL SPREAD	:	1.384	1.384	1.384
VERTICAL SPREAD	:	2.675	2.447	2.132
EXTREME SPREAD	:	2.762	2.465	2.188
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	