

FORM

UPC



0 47700 25716 7

C6665814

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665814

ORDER NO.
5716

20

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



5716 C6665814

ORDER 5716
MODEL 700TM M24
UPC



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ORDER 5716
MODEL 700TM M24
UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6665814*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	<i>RW</i>
600	Proof	10 1	91	<i>RW</i>
607	Check Headspace	10 1	91	<i>RW</i>
610	Dis-assemble Gun	10 1	91	<i>RW</i>
612	Magnaflux Barrel Action	OCT	8 1991	<i>KR</i>
	Magnaflux Bolt	OCT	8 1991	<i>KR</i>
615	Rollmark Caliber	OCT	8 1991	<i>GL</i>
617	Drill and Tap Sight Holes	OCT	8 1991	<i>LB</i>
618	Polish Barrel		10/15/91	<i>W/B</i>
620	Apply Coatings (Barrel Action)		11-8-91	<i>TH</i>
	Apply Coating (Bolt)			<i>TH</i>
625	Final Assembly A) Clean inside of Bolt Assembly		11/14/91	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/91	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		11/14/91	<i>RW</i>
	D) Oil Firing Pin Ass'y		11/14/91	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		11-19-91	<i>GL</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	11/19/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	11/19/91	WB
	H) Trigger Pull Test & Retainability						11/19/91	JL
	I) Firing Pin Indent	.022	.0215	.0215	.0215	.0215	11/19/91	WB
	J) Assemble Stock						11/20/91	RW
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/20/91	RW
	M) Iron Sight Alignment						11/20/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/20/91	RW
	O) Attach Scope to Rifle						11/20/91	RW
	P) Detach & Attach Scope 20 Times						11/20/91	RW
							11-20-91	N
640	Gallery Target & Test						11-20-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						11-20-91	N
655	Final Inspection						11-27-91	D/H
	A) Headspace						11/21/91	JL
	B) Trigger Pull	2.21	2.22	2.20	2.24	2.21	11/21/91	JL
	C) Function						11-27-91	D/H
660	Pack						12-14-91	N

SWS TRIGGER PULL TEST

AVERAGE BULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 0-6665814

DATE 11-19-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.30	2.48	2.21	MIN. SETTING
PULL #2	2.26	2.27	2.51	2.22	NO AVG. OF 5
PULL #3	2.34	2.39	2.38	2.20	READINGS ACCEPT-
PULL #4	2.35	2.43	2.30	2.24	ABLE LESS THAN 2#
PULL #5	2.33	2.44	2.25	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.31		
PULL #2	3.33	3.33		
PULL #3	3.50	3.25		
PULL #4	3.65	3.20		
PULL #5	3.38	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.62	4.31		4.24
PULL #2	4.64	4.20		4.23
PULL #3	4.66	4.22		4.28
PULL #4	4.58	4.18		4.18
PULL #5	4.31	4.23		4.23
TOTAL				
AVG.				

100
DISTANCE CALCULATIONS
RIFLE # 06665814
1991

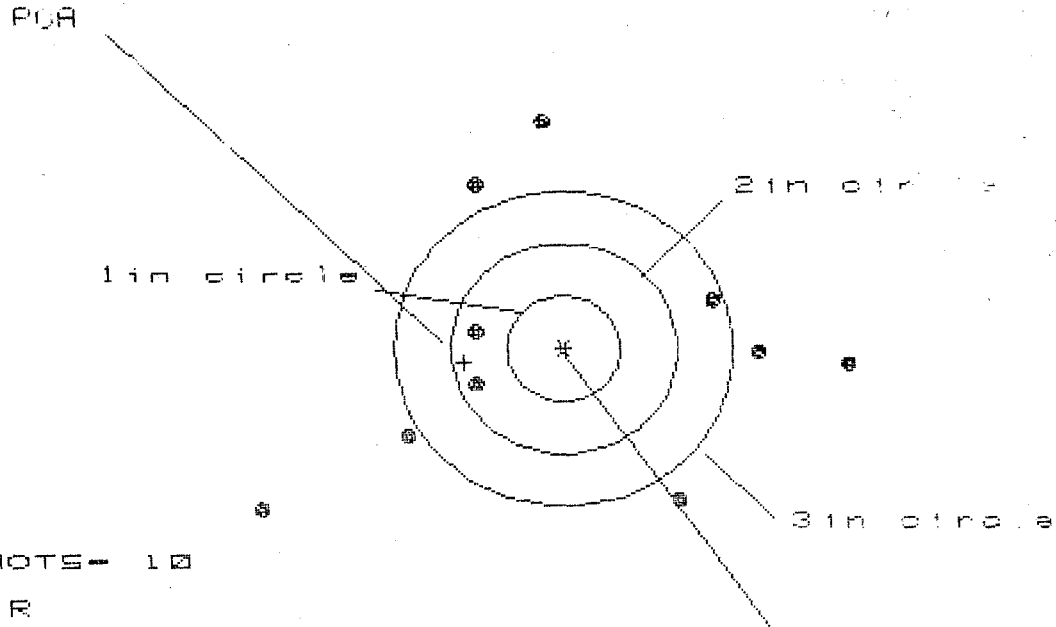
CENTROIDAL DISTANCES

1 TO	1	.8906
1 TO	2	.792902
1 TO	3	.690016
1 TO	4	.434256
1 TO	5	.478851

± 3.1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4128
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1172
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .429115
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.112

CENTERFIRE PATTERNS #



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 3

HS= 5.238

VS= 3.699

GS= 5.431

CENTROID *

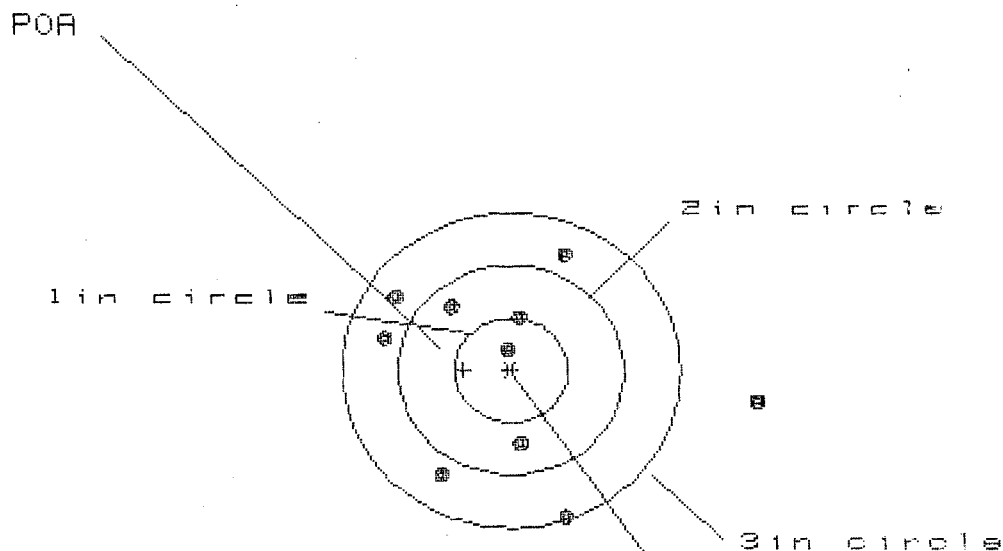
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.538	2.238	1.687
MINIMUM X	-2.700	-1.710	-1.431
MAXIMUM Y	2.141	1.968	1.931
MINIMUM Y	-1.558	-1.601	-1.638
CENTROID X	.880	1.180	.901
CENTROID Y	.137	.310	.347
PGR TO CENTROID in.	.891	1.220	.965
MIN RADIUS	.767	1.054	.777
MEAN RADIUS	1.772	1.618	1.503
MAX RADIUS	3.117	2.257	1.943
HORIZONTAL SPREAD	5.238	3.948	3.118
VERTICAL SPREAD	3.699	3.569	3.569
EXTREME SPREAD	5.431	4.013	3.781
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	3		

13 JUL 1981

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 3.331

VS= 2.478

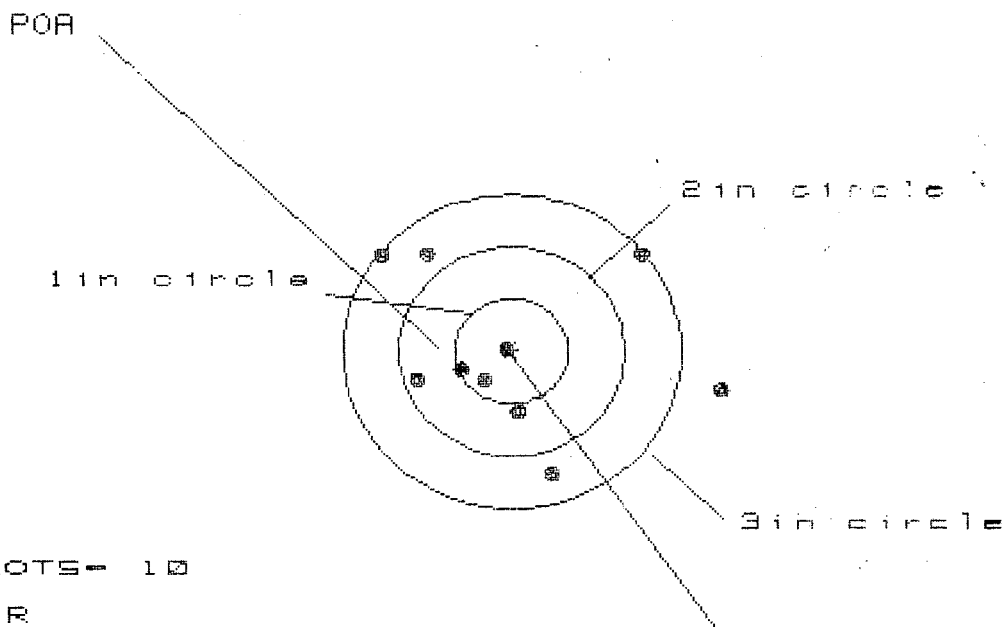
GS= 3.385

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.202	.757	.848
MINIMUM X	:	-1.129	-.884	-.793
MAXIMUM Y	:	1.068	1.034	.854
MINIMUM Y	:	-1.410	-1.444	-1.199
CENTROID X	:	.423	.178	.088
CENTROID Y	:	-.006	.028	.208
POA TO CENTROID in.	:	.423	.181	.226
MIN RADIUS	:	.203	.284	.319
MEAN RADIUS	:	1.062	.906	.784
MAX RADIUS	:	2.223	1.616	1.242
HORIZONTAL SPREAD	:	3.331	1.641	1.641
VERTICAL SPREAD	:	2.478	2.478	2.053
EXTREME SPREAD	:	3.385	2.602	2.363
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 3.000

VS= 2.093

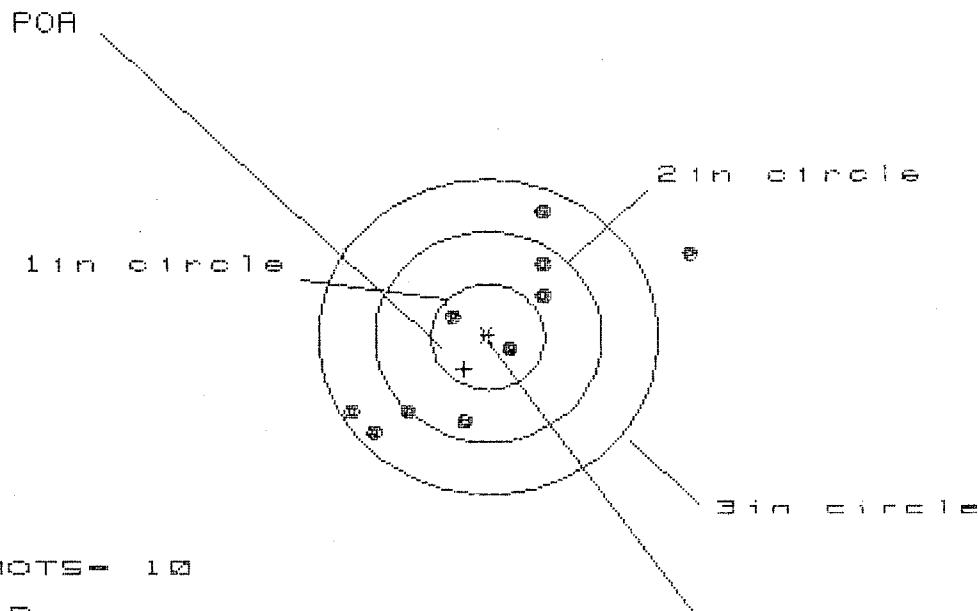
GS= 3.262

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.894	1.315	1.202
MINIMUM X	:	-1.114	-.904	-.769
MAXIMUM Y	:	.962	.925	1.036
MINIMUM Y	:	-1.131	-1.168	-1.056
CENTROID X	:	.447	.237	.350
CENTROID Y	:	.170	.207	.096
POA TO CENTROID in.	:	.478	.314	.363
MIN RADIUS	:	.085	.138	.059
MEAN RADIUS	:	.965	.825	.742
MAX RADIUS	:	1.923	1.585	1.562
HORIZONTAL SPREAD	:	3.008	2.219	1.971
VERTICAL SPREAD	:	2.093	2.093	2.093
EXTREME SPREAD	:	3.262	2.546	2.393
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.995

VS= 2.894

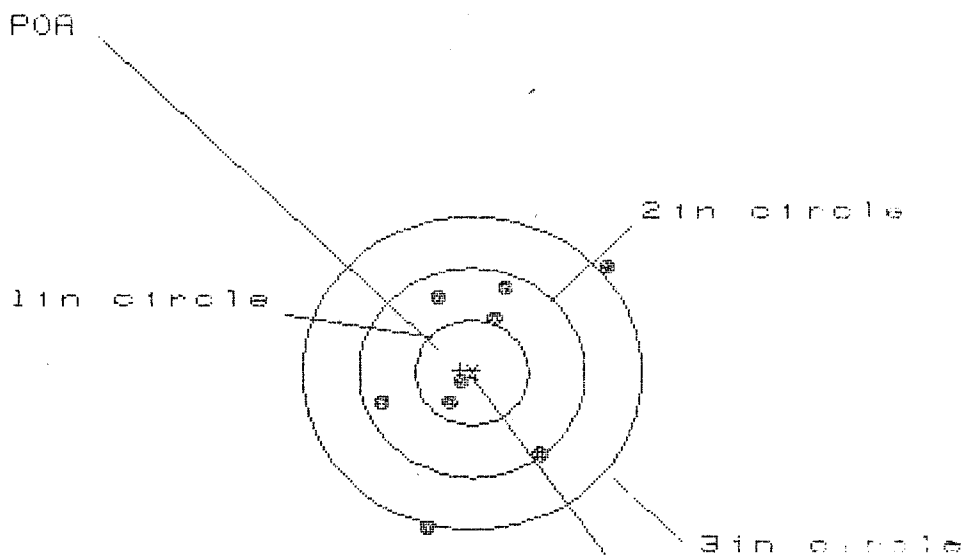
GS= 3.316

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.792	.729	.625
MINIMUM X	:	-1.203	-1.004	-1.108
MAXIMUM Y	:	1.152	1.237	1.130
MINIMUM Y	:	-.942	-.857	-.782
CENTROID X	:	.211	.012	.116
CENTROID Y	:	.306	.221	.328
POA TO CENTROID in.	:	.372	.221	.348
MIN RADIUS	:	.181	.306	.261
MEAN RADIUS	:	.972	.859	.799
MAX RADIUS	:	1.948	1.403	1.301
HORIZONTAL SPREAD	:	2.995	1.733	1.733
VERTICAL SPREAD	:	2.894	2.894	1.912
EXTREME SPREAD	:	3.316	2.569	2.461
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

14 (53)

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.949

VS= 2.480

GS= 2.952

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	.723	.684
MINIMUM X	:	-.789	-.660	-.699
MAXIMUM Y	:	1.051	.934	.770
MINIMUM Y	:	-1.429	-1.312	-.809
CENTROID X	:	.103	-.026	.013
CENTROID Y	:	-.021	-.138	.026
POA TO CENTROID in.	:	.105	.140	.029
1IN RADIUS	:	.154	.085	.102
MEAN RADIUS	:	.791	.668	.589
MAX RADIUS	:	1.566	1.349	1.059
HORIZONTAL SPREAD	:	1.949	1.383	1.383
VERTICAL SPREAD	:	2.480	2.246	1.579
EXTREME SPREAD	:	2.952	2.362	1.728
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	