

FURN

UPC



0 47700 25716 7

C6665716

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665716

ORDER NO.

5716

20

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



5716 C6665716

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665746

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	SL
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-5-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			11/5/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/5/91	WB
	H) Trigger Pull Test & Retainability						11-5-91	JY
	I) Firing Pin Indent	.020	.0205	.020			11/5/91	WB
	J) Assemble Stock						11/5/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/5/91	RW
	M) Iron Sight Alignment						11/5/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/5/91	RW
	O) Attach Scope to Rifle						11/5/91	RW
	P) Detach & Attach Scope 20 Times						11/5/91	RW
640	Gallery Target & Test						11-5-91	N
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-5-91	NF
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	217	226	233	228	237	11-6-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6665746

DATE 11-5-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.32	2.48	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.59	2.55	2.26	
PULL #3	2.63	2.57	2.51	2.33	
PULL #4	2.23	2.63	2.59	2.28	
PULL #5	2.56	2.64	2.60	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.43		
PULL #2	3.45	3.45		
PULL #3	3.44	3.45		
PULL #4	3.47	3.46		
PULL #5	3.44	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.58	4.54		4.50
PULL #2	4.51	4.48		4.49
PULL #3	4.53	4.37		4.62
PULL #4	4.50	4.51		4.61
PULL #5	4.59	4.56		4.61
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665716
5 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.292139
1 TO 2	.169706
1 TO 3	.690792
1 TO 4	.513486
1 TO 5	.465639

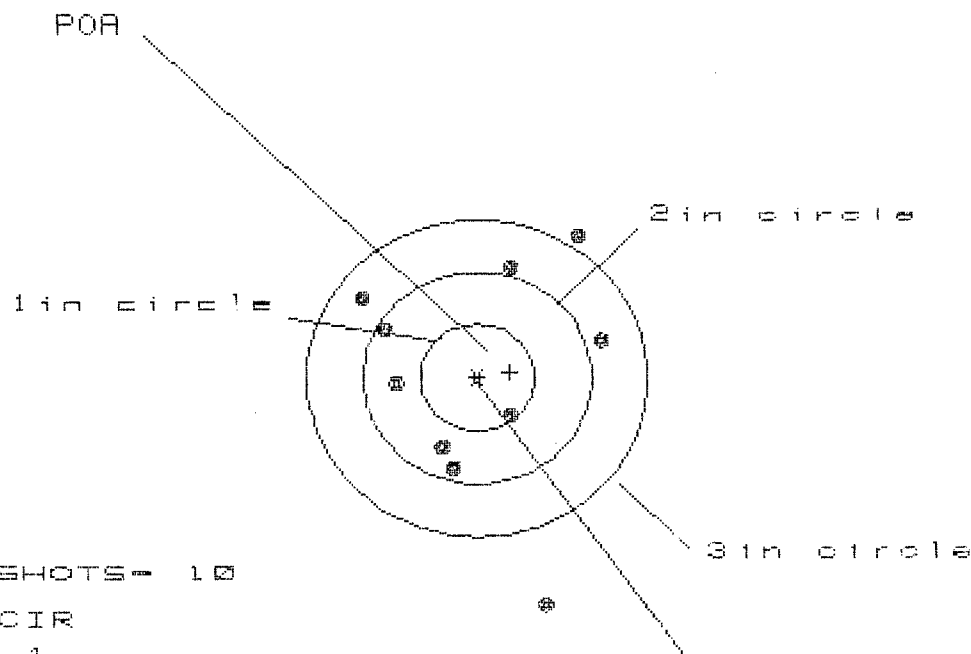
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.011
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1796
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179987
THE AMR FOR THIS RIFLE IS: .9496

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665716

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.063

VS= 3.533

GS= 3.545

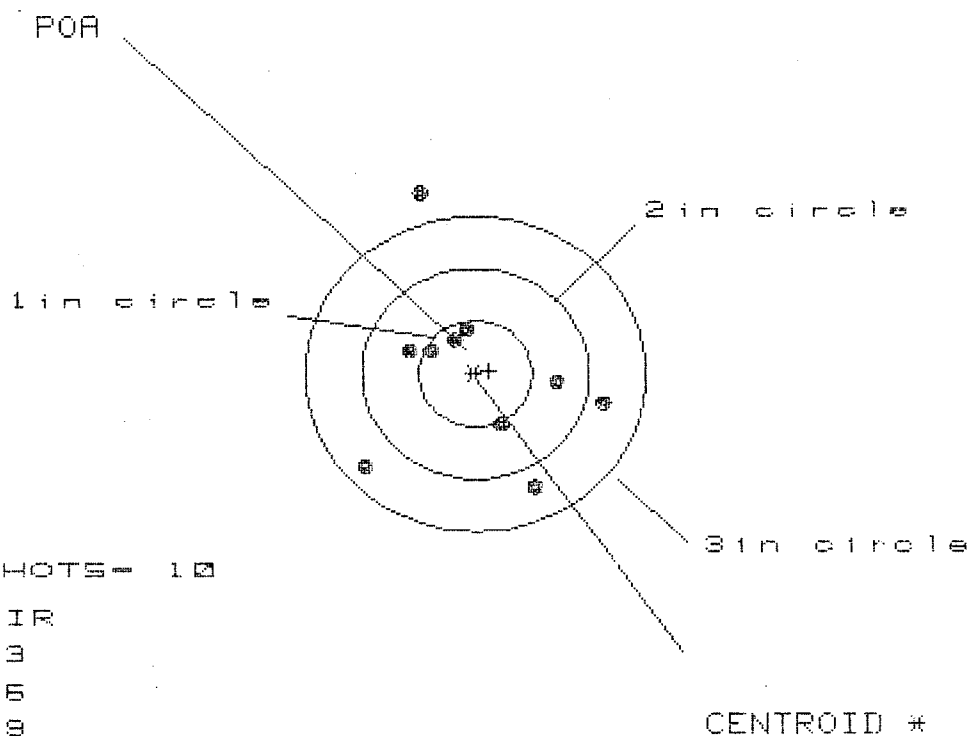
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	1.106	1.222
MINIMUM X	:	-1.021	-.957	-.841
MAXIMUM Y	:	1.394	1.157	.960
MINIMUM Y	:	-2.139	-1.117	-.973
CENTROID X	:	-.288	-.352	-.468
CENTROID Y	:	-.049	.188	.044
POA TO CENTROID in.	:	.292	.399	.470
MIN RADIUS	:	.412	.647	.589
MEAN RADIUS	:	1.099	.971	.874
MAX RADIUS	:	2.214	1.486	1.257
HORIZONTAL SPREAD	:	2.063	2.063	2.063
VERTICAL SPREAD	:	3.533	2.274	1.933
EXTREME SPREAD	:	3.545	2.501	2.093
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Nov 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.060

VS= 2.867

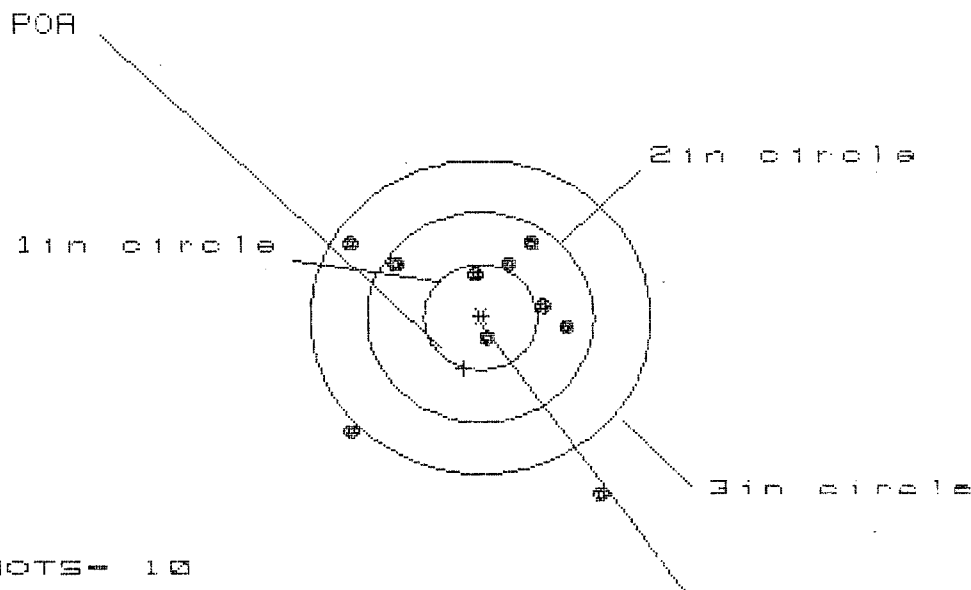
GS= 3.051

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	1.036	.908
MINIMUM X	:	-.970	-1.024	-.795
MAXIMUM Y	:	1.750	.580	.494
MINIMUM Y	:	-1.117	-.922	-1.008
CENTROID X	:	-.120	-.066	.062
CENTROID Y	:	-.025	-.220	-.134
POA TO CENTROID in.	:	.123	.229	.148
MIN RADIUS	:	.377	.373	.399
MEAN RADIUS	:	.868	.771	.700
MAX RADIUS	:	1.817	1.231	1.074
HORIZONTAL SPREAD	:	2.060	2.060	1.703
VERTICAL SPREAD	:	2.867	1.502	1.502
EXTREME SPREAD	:	3.051	2.139	1.779
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

5 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.266

VS= 2.409

GS= 3.307

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.861	.737
MINIMUM X	:	-1.187	-1.067	-1.191
MAXIMUM Y	:	.719	.531	.367
MINIMUM Y	:	-1.690	-1.312	-.572
CENTROID X	:	.149	.029	.153
CENTROID Y	:	.486	.674	.838
POA TO CENTROID in.	:	.509	.675	.852
MIN RADIUS	:	.221	.286	.104
MEAN RADIUS	:	.935	.796	.631
MAX RADIUS	:	2.005	1.648	1.247
HORIZONTAL SPREAD	:	2.266	1.928	1.928
VERTICAL SPREAD	:	2.409	1.843	.939
EXTREME SPREAD	:	3.307	2.406	2.078
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Nov 1991

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 1.726

VS= 3.414

GS= 3.487

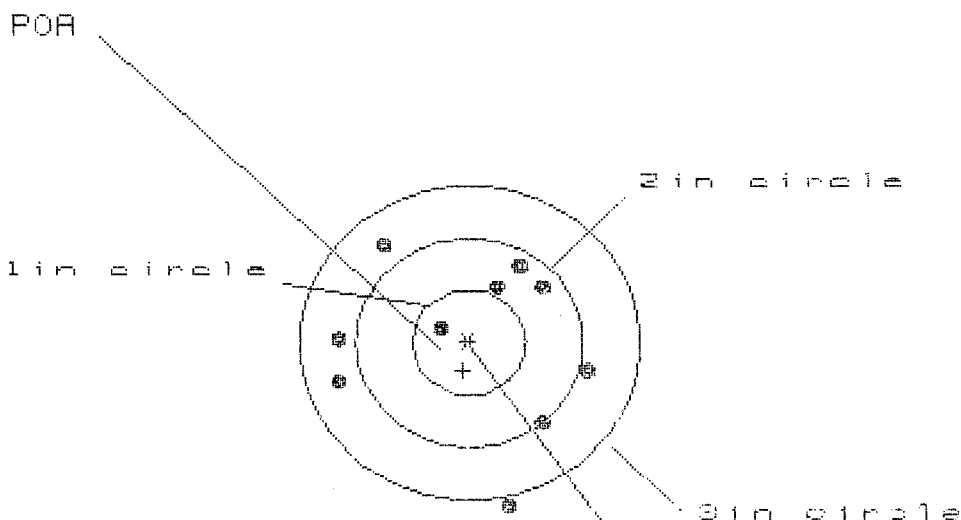
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.865	.788	.780
MINIMUM X	:	-.861	-.938	-.946
MAXIMUM Y	:	1.585	1.381	.696
MINIMUM Y	:	-1.830	-1.017	-.844
CENTROID X	:	.150	.227	.235
CENTROID Y	:	.219	.423	.250
POA TO CENTROID in.	:	.266	.480	.343
MIN RADIUS	:	.080	.136	.118
MEAN RADIUS	:	.856	.698	.616
MAX RADIUS	:	1.956	1.382	.953
HORIZONTAL SPREAD	:	1.726	1.726	1.726
VERTICAL SPREAD	:	3.414	2.398	1.540
EXTREME SPREAD	:	3.487	2.408	1.729
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.251

VS= 2.544

GS= 2.786

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	1.108	.965
MINIMUM X	:	-1.184	-1.143	-1.260
MAXIMUM Y	:	.929	.749	.683
MINIMUM Y	:	-1.615	-.929	-.935
CENTROID X	:	.054	.013	.156
CENTROID Y	:	.267	.446	.512
POA TO CENTROID in.	:	.272	.446	.536
MIN RADIUS	:	.300	.223	.365
MEAN RADIUS	:	.990	.880	.810
MAX RADIUS	:	1.658	1.260	1.275
HORIZONTAL SPREAD	:	2.251	2.251	2.225
VERTICAL SPREAD	:	2.544	1.678	1.678
EXTREME SPREAD	:	2.786	2.254	2.242
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	