

FURN

UPC



0 47700 25716 7

C6665716

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

RemingtonVERY 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

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

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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. #	BARBER - M24 0101683 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
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

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

END

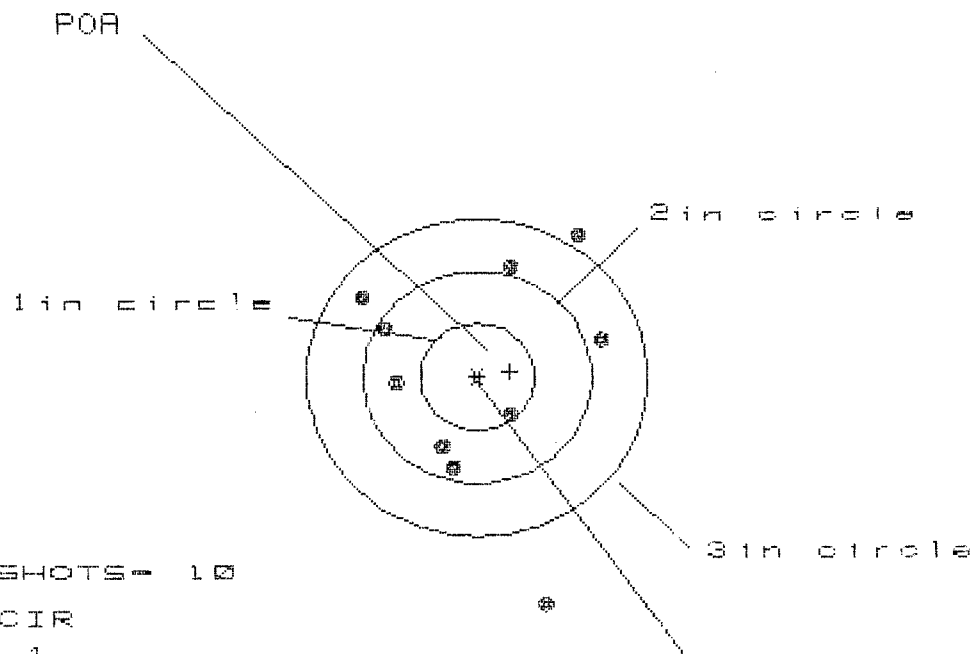
<----POA

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

1 in = 1

2 in = 5

3 in = 8

HS= 2.063

VS= 3.533

GS= 3.545

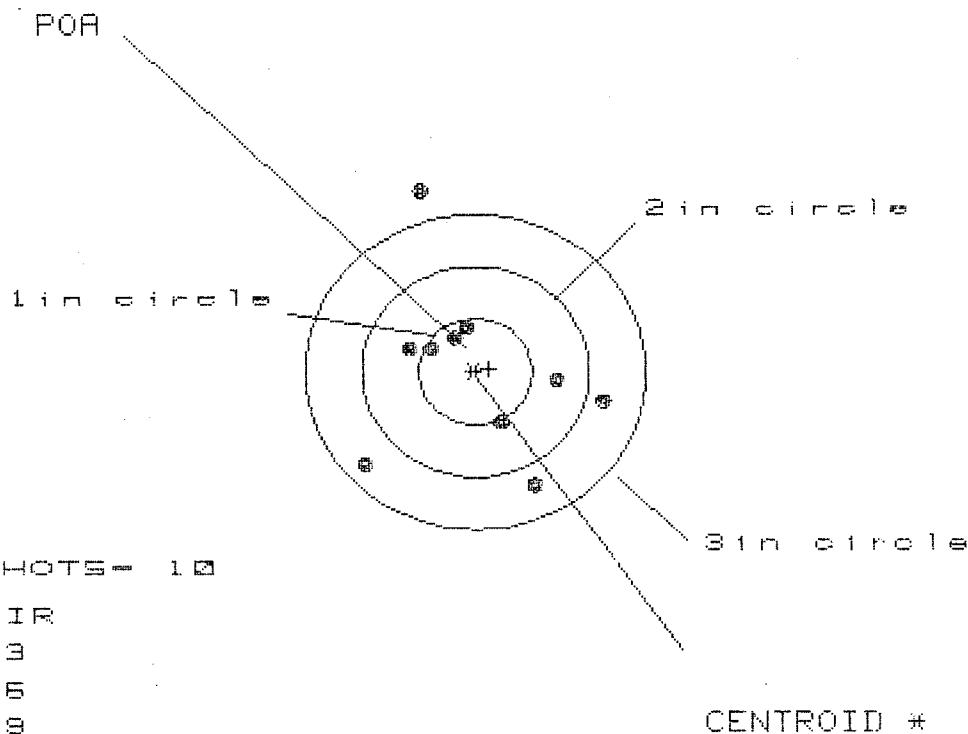
CENTROID *

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

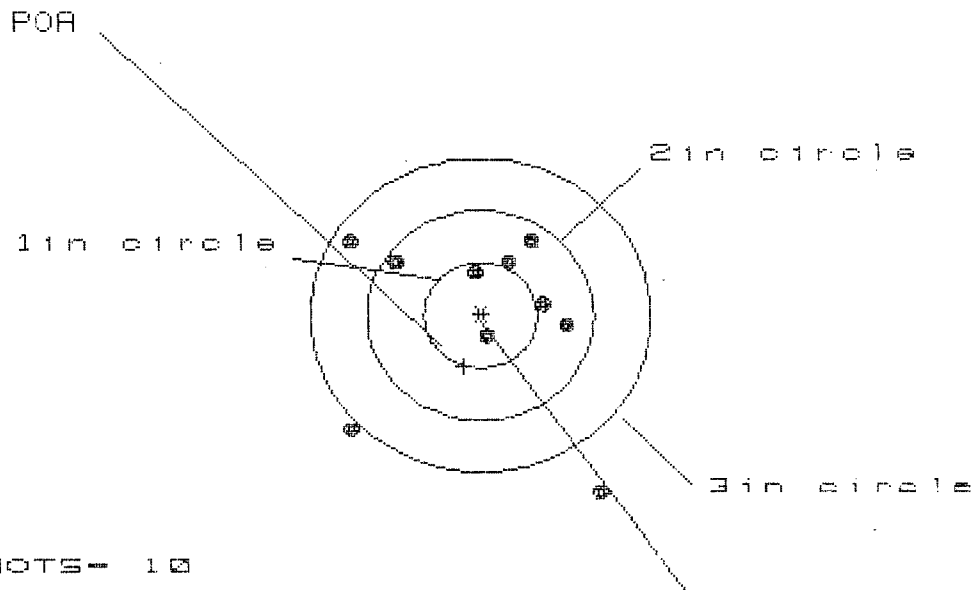
GS= 3.051

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

1 in = 2

2 in = 7

3 in = 8

HS= 2.266

VS= 2.409

GS= 3.307

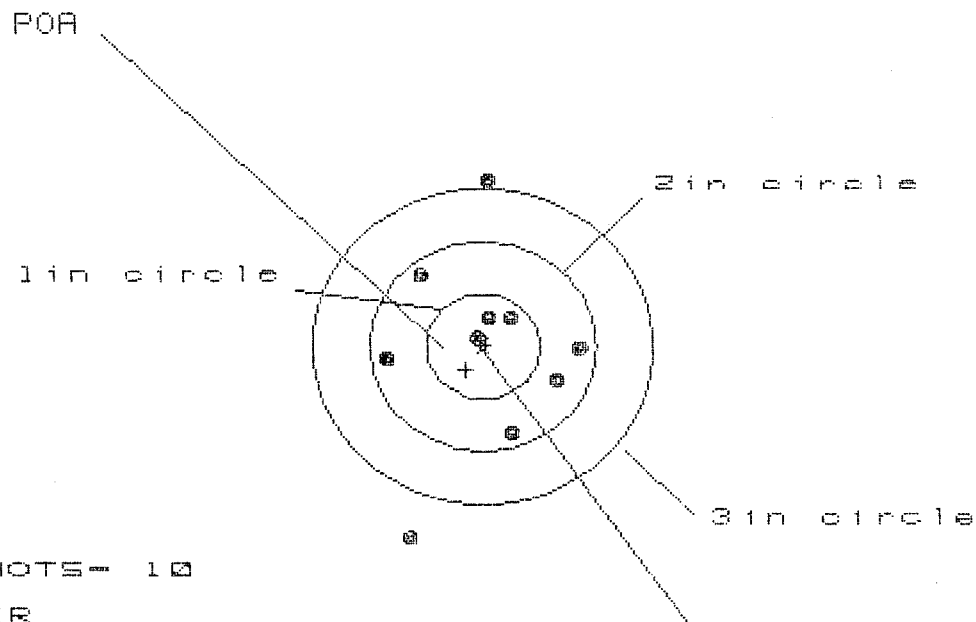
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.861	.737
MINIMUM X	:	-1.187	-1.067	-1.191
MAXIMUM Y	:	.719	.531	.367
MINIMUM Y	:	-1.690	-1.312	-.572
CENTROID X	:	.149	.029	.153
CENTROID Y	:	.486	.674	.838
POA TO CENTROID in.	:	.509	.675	.852
MIN RADIUS	:	.221	.286	.104
MEAN RADIUS	:	.935	.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



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 1.726

VS= 3.414

GS= 3.487

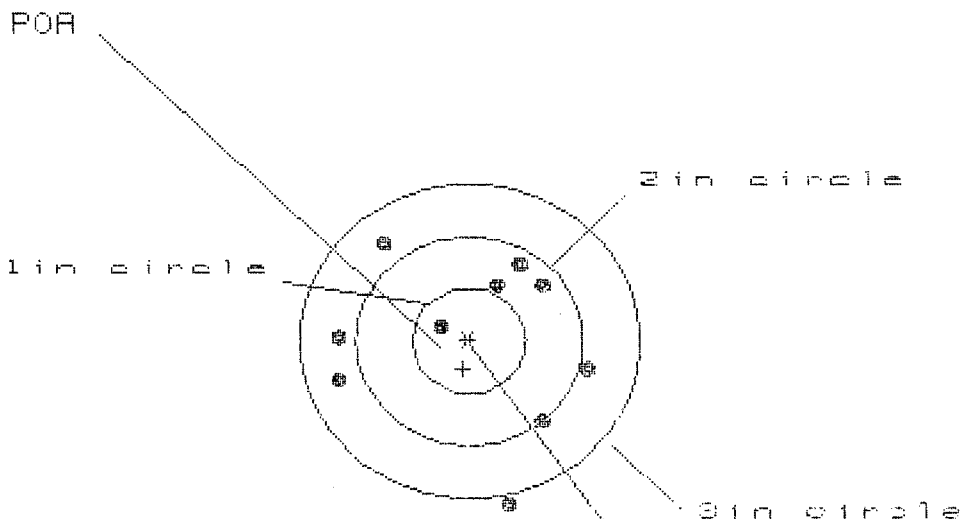
CENTROID *

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

1 in = 1

2 in = 5

3 in = 8

HS= 2.251

VS= 2.544

GS= 2.786

CENTROID #

PATTERN #	5	9	8
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		