

FORM

UPC



0 47700 25716 2

C6665811

*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 700 TM M24

SERIAL NO.

C6665811

20

ORDER NO.

5716

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



5716 C6665811

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665811

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS.
617	Drill and Tap Sight Holes		OCT 2 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/28/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/28/91	KH
	C) Inspect Ejector Hole for Chamfer		10/28/91	KH
	D) Oil Firing Pin Ass'y		10/28/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/91	GH

Op. #	Op. NAME	READINGS						
625 cont.	F) Safety On Force	6	6	6	10/29/91	Y		
	G) Safety Off Force	4	4	4	10/29/91	Y		
	H) Trigger Pull Test & Retainability				10/29/91	Y		
	I) Firing Pin Indent	.0215	.0275	.0215	10/29/91	Y		
	J) Assemble Stock				11/30/91	Y		
	K) Assemble Swivel Studs				11-12-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/30/91	Y		
	M) Iron Sight Alignment				10/30/91	Y		
	N) Detach Front & Rear Sights & place in numbered container				10/30/91	Y		
	O) Attach Scope to Rifle				10/30/91	Y		
	P) Detach & Attach Scope 20 Times				10/30/91	Y		
640	Gallery Target & Test				10-31-91	D/H		
	A) Time				10-31-91	D/H		
	B) Malfunctions				10-31-91	D/H		
	C) Pierced Primers				10-31-91	D/H		
	D) Optical Clarity of Scope				10-31-91	D/H		
645	Inspect for Live Ammo				10-31-91	D/H		
655	Final Inspection							
	A) Headspace				11-12-91	AC		
	B) Trigger Pull	2.53	2.57	2.52	2.62	2.57	11-4-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6665811

DATE 10/29/91

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.56	2.52	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.52	2.50	2.57	
PULL #3	2.51	2.58	2.55	2.52	
PULL #4	2.44	2.52	2.58	2.62	
PULL #5	2.50	2.44	2.48	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.32		
PULL #2	3.33	3.31		
PULL #3	3.36	3.35		
PULL #4	3.35	3.32		
PULL #5	3.31	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.25		4.28
PULL #2	4.43	4.23		4.37
PULL #3	4.31	4.27		4.32
PULL #4	4.33	4.27		4.28
PULL #5	4.42	4.22		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665811
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.21225
1 TO	2	.165952
1 TO	3	.183068
1 TO	4	.162754
1 TO	5	.1486

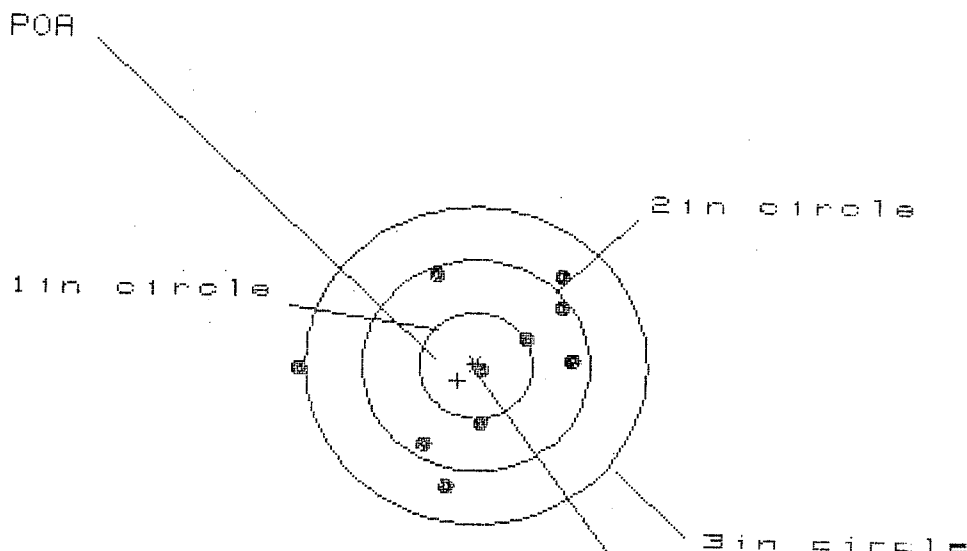
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1282
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0868
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154821
THE AMR FOR THIS RIFLE IS: .8662

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665811

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.385

VS= 2.053

GS= 2.483

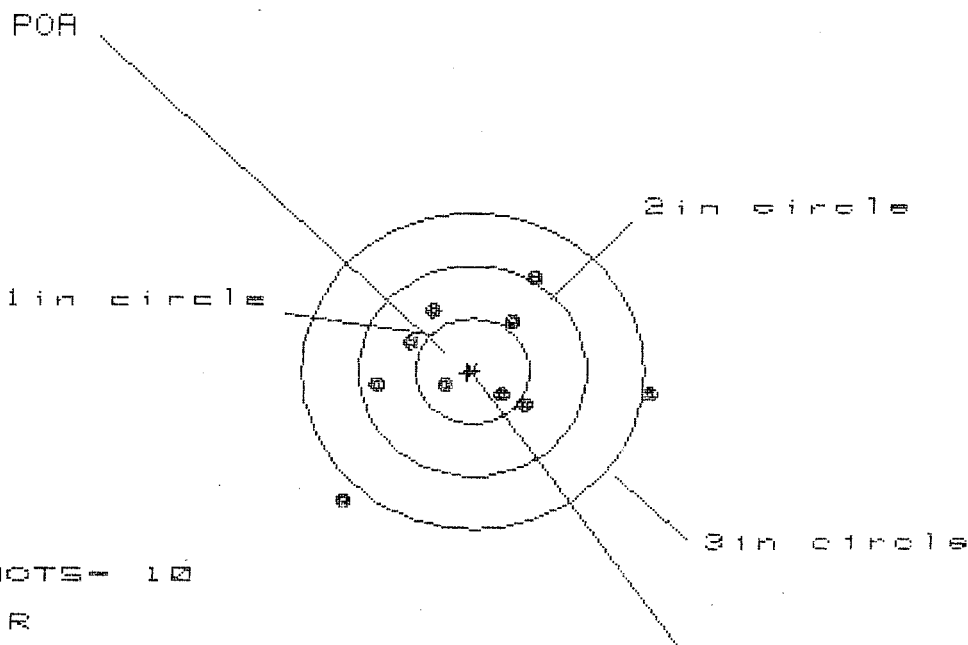
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.886	.631	.571
MINIMUM X	:	-1.579	-.628	-.688
MAXIMUM Y	:	.874	.869	.721
MINIMUM Y	:	-1.179	-1.184	-.944
CENTROID X	:	.155	.330	.390
CENTROID Y	:	.145	.150	.298
POA TO CENTROID in.	:	.212	.363	.491
MIN RADIUS	:	.104	.160	.193
MEAN RADIUS	:	.873	.770	.690
MAX RADIUS	:	1.580	1.276	1.168
HORIZONTAL SPREAD	:	2.385	1.259	1.259
VERTICAL SPREAD	:	2.053	2.053	1.665
EXTREME SPREAD	:	2.483	2.295	2.039
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HSI= 2.684

VS= 2.109

GS= 2.882

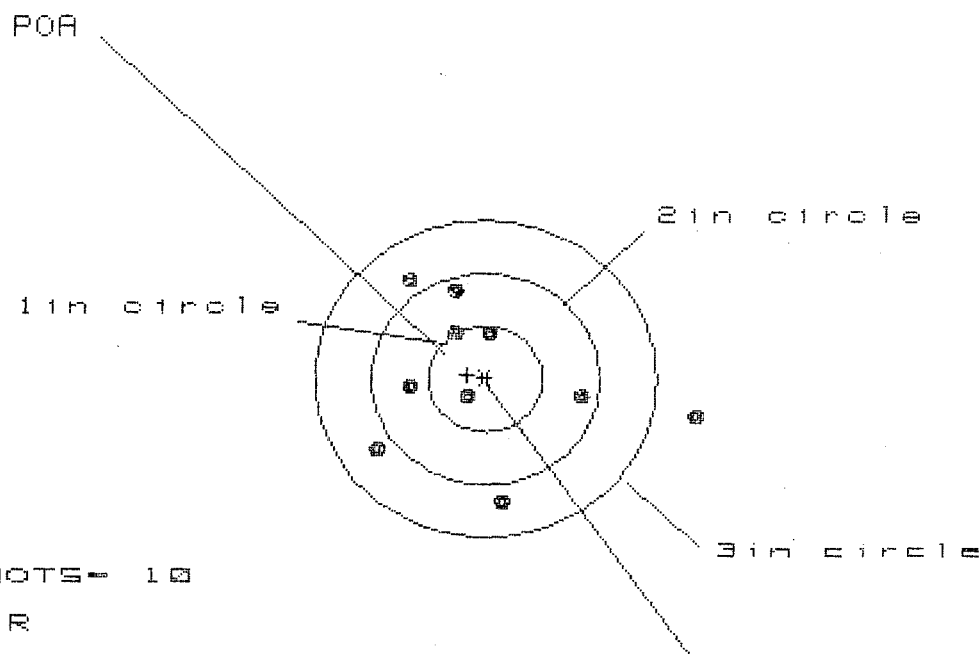
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.505	1.374	.608
MINIMUM X	:	-1.179	-.930	-.759
MAXIMUM Y	:	.857	.718	.675
MINIMUM Y	:	-1.252	-.451	-.494
CENTROID X	:	.047	.178	.007
CENTROID Y	:	.019	.158	.201
POA TO CENTROID in.	:	.051	.239	.201
MIN RADIUS	:	.320	.367	.418
MEAN RADIUS	:	.829	.723	.619
MAX RADIUS	:	1.720	1.416	.909
HORIZONTAL SPREAD	:	2.684	2.304	1.367
VERTICAL SPREAD	:	2.109	1.169	1.169
EXTREME SPREAD	:	2.882	2.304	1.701
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.836

VS= 2.151

GS= 2.913

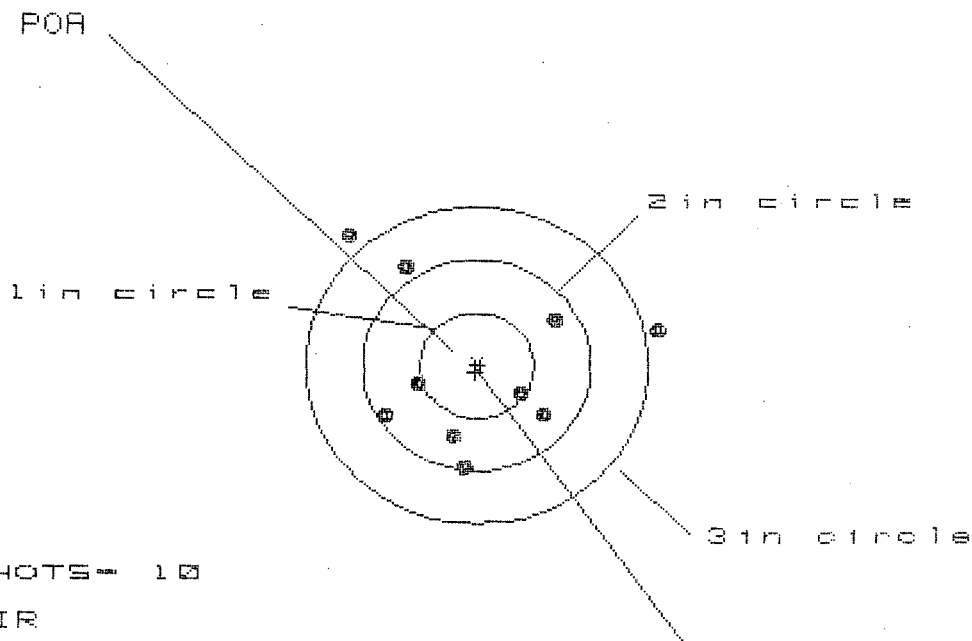
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.877	1.081	1.126
MINIMUM X	:	-.959	-.750	-.705
MAXIMUM Y	:	.968	.923	.769
MINIMUM Y	:	-1.183	-1.228	-.833
CENTROID X	:	.160	-.049	-.094
CENTROID Y	:	-.038	.006	.160
POA TO CENTROID in.	:	.164	.049	.185
MIN RADIUS	:	.271	.258	.234
MEAN RADIUS	:	.905	.753	.660
MAX RADIUS	:	1.920	1.280	1.187
HORIZONTAL SPREAD	:	2.836	1.831	1.831
VERTICAL SPREAD	:	2.151	2.151	1.602
EXTREME SPREAD	:	2.913	2.311	1.941
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in - 8

HS- 2.689

VS- 2.265

GS- 2.838

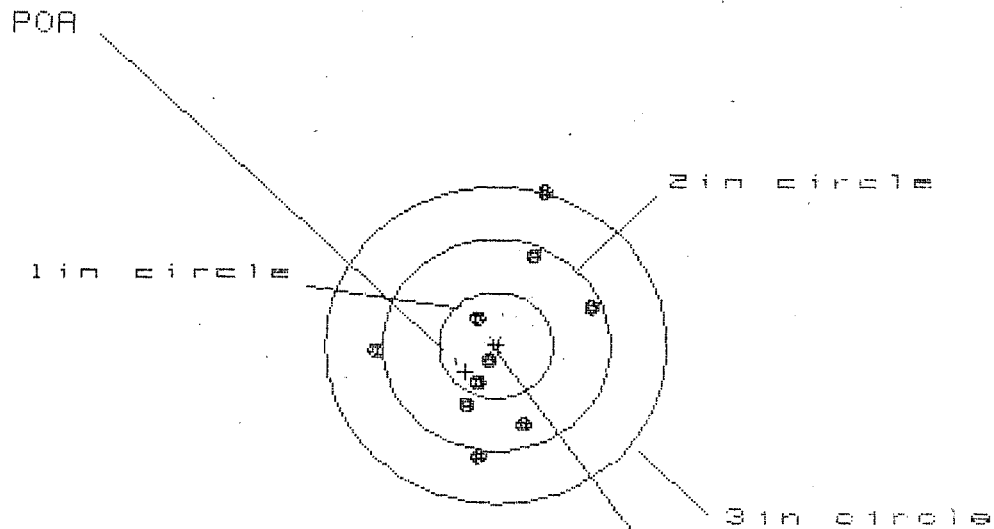
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.599	1.478	.734
MINIMUM X	:	-1.090	-.911	-.726
MAXIMUM Y	:	1.258	1.126	1.188
MINIMUM Y	:	-1.007	-.868	-.806
CENTROID X	:	.015	.136	-.049
CENTROID Y	:	.062	-.077	-.139
POA TO CENTROID in.	:	.064	.156	.147
MIN RADIUS	:	.456	.283	.432
MEAN RADIUS	:	.965	.853	.747
MAX RADIUS	:	1.664	1.558	1.297
HORIZONTAL SPREAD	:	2.689	2.389	1.460
VERTICAL SPREAD	:	2.265	1.994	1.994
EXTREME SPREAD	:	2.838	2.534	2.058
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.896

VS= 2.448

GS= 2.507

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.823	.868	.739
MINIMUM X	:	-1.073	-1.028	-.395
MAXIMUM Y	:	1.417	.997	1.013
MINIMUM Y	:	-1.031	-.874	-.858
CENTROID X	:	.264	.219	.348
CENTROID Y	:	.246	.089	.073
POA TO CENTROID in.	:	.361	.237	.355
MIN RADIUS	:	.138	.025	.127
MEAN RADIUS	:	.759	.638	.606
MAX RADIUS	:	1.473	1.085	1.056
HORIZONTAL SPREAD	:	1.896	1.896	1.134
VERTICAL SPREAD	:	2.448	1.871	1.871
EXTREME SPREAD	:	2.507	1.942	1.942
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	