

FORM

UPC



0 47700 25716 2

C6665728

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.

C6665728

ORDER NO.

5716

20

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



5716 C6665728

ORDER 5716

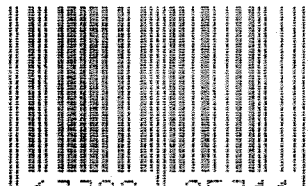
MODEL 700 TM M24

UPC

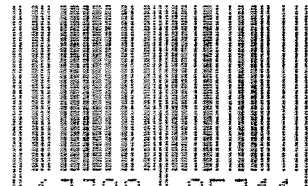
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665728

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26		RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/24/91	JH
	G) Safety Off Force	3	3	3			10/24/91	JH
	H) Trigger Pull Test & Retainability						10/24/91	JH
	I) Firing Pin Indent	.023	.0225	.0225			10/24/91	JH
	J) Assemble Stock						10/25/91	RW
	K) Assemble Swivel Studs						10/30/91	AC
	L) Attach Front and Rear Sight Assemblies						10/25/91	RW
	M) Iron Sight Alignment						10/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/25/91	RW
	O) Attach Scope to Rifle						10/25/91	RW
	P) Detach & Attach Scope 20 Times						10/25/91	RW
640	Gallery Target & Test						10-25-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-25-91	NF
655	Final Inspection							
	A) Headspace						10-30-91	KE
	B) Trigger Pull	2.60	2.64	2.59	2.55	2.58	10-29-91	D/L
	C) Function						10-30-91	KE
660	Pack						12-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 0-6665728

DATE 10/24/91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.29	2.39	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.34	2.36	2.64	
PULL #3	2.50	2.32	2.38	2.59	
PULL #4	2.42	2.34	2.42	2.55	
PULL #5	2.37	2.37	2.40	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.21		
PULL #2	3.37	3.27		
PULL #3	3.35	3.28		
PULL #4	3.37	3.27		
PULL #5	3.37	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.45		4.42
PULL #2	4.41	4.37		4.33
PULL #3	4.46	4.41		4.50
PULL #4	4.47	4.44		4.50
PULL #5	4.45	4.20		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665728
25 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.500036
1 TO 2	.34752
1 TO 3	.547028
1 TO 4	.458027
1 TO 5	.479235

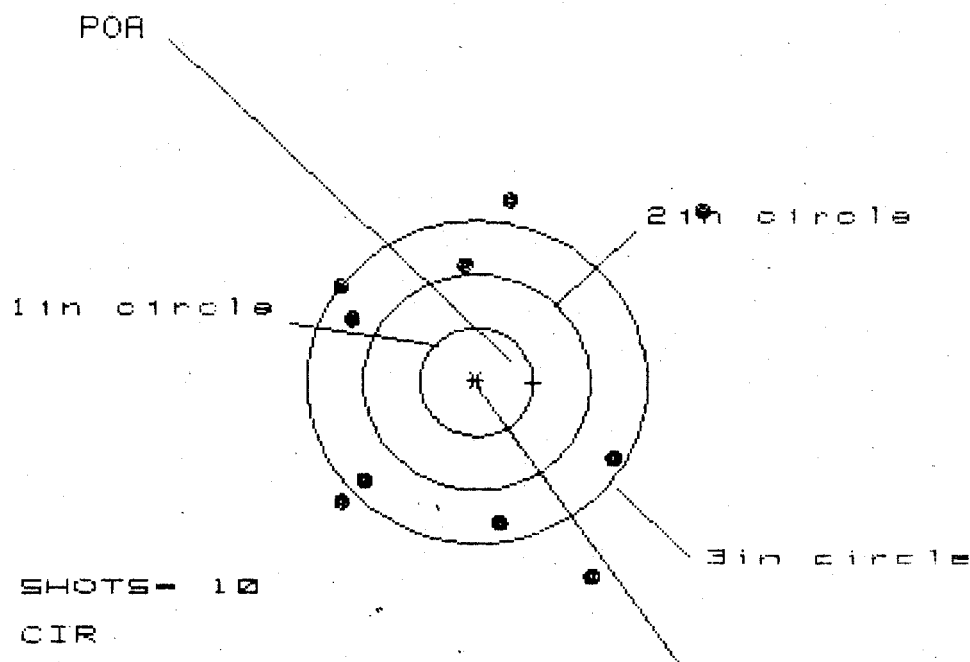
13 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .136001
THE AMR FOR THIS RIFLE IS: 1.081

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665728

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 0

3in = 5

HS= 3.221

VS= 3.521

GS= 4.190

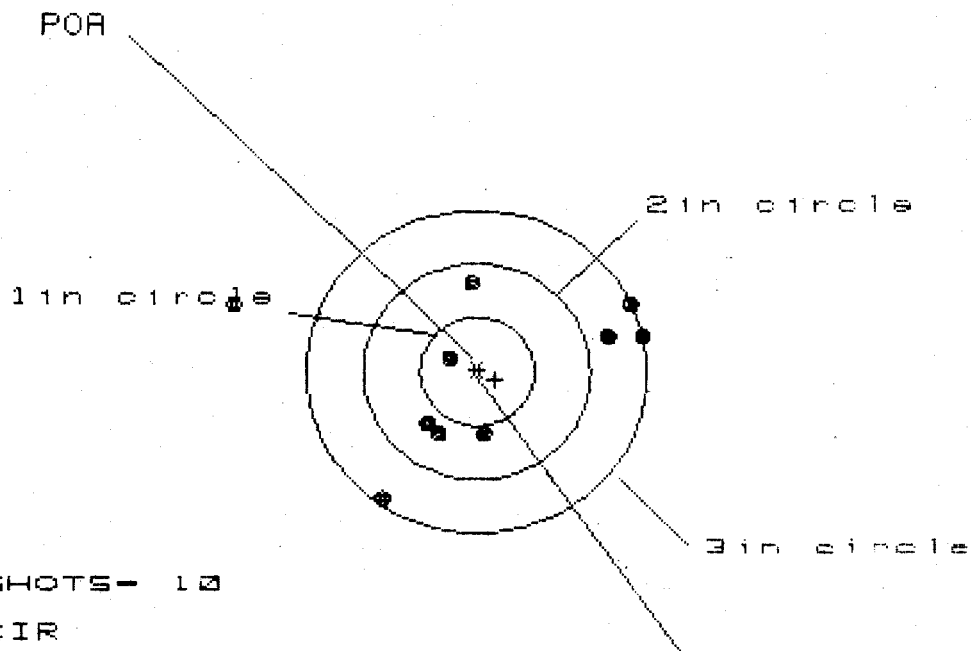
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.987	1.391	1.543
MINIMUM X	:	-1.234	-1.013	-.861
MAXIMUM Y	:	1.727	1.903	1.701
MINIMUM Y	:	-1.794	-1.618	-1.326
CENTROID X	:	-.500	-.721	-.873
CENTROID Y	:	.006	-.170	.032
POA TO CENTROID in.	:	.500	.741	.874
MIN RADIUS	:	1.067	1.041	.862
MEAN RADIUS	:	1.576	1.432	1.327
MAX RADIUS	:	2.541	2.025	1.823
HORIZONTAL SPREAD	:	3.221	2.404	2.404
VERTICAL SPREAD	:	3.521	3.521	3.027
EXTREME SPREAD	:	4.190	3.592	3.219
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		0	
NUMBER IN THREE INCH CIRCLE	=		5	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665728

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 3.603

VS= 2.022

GS= 3.614

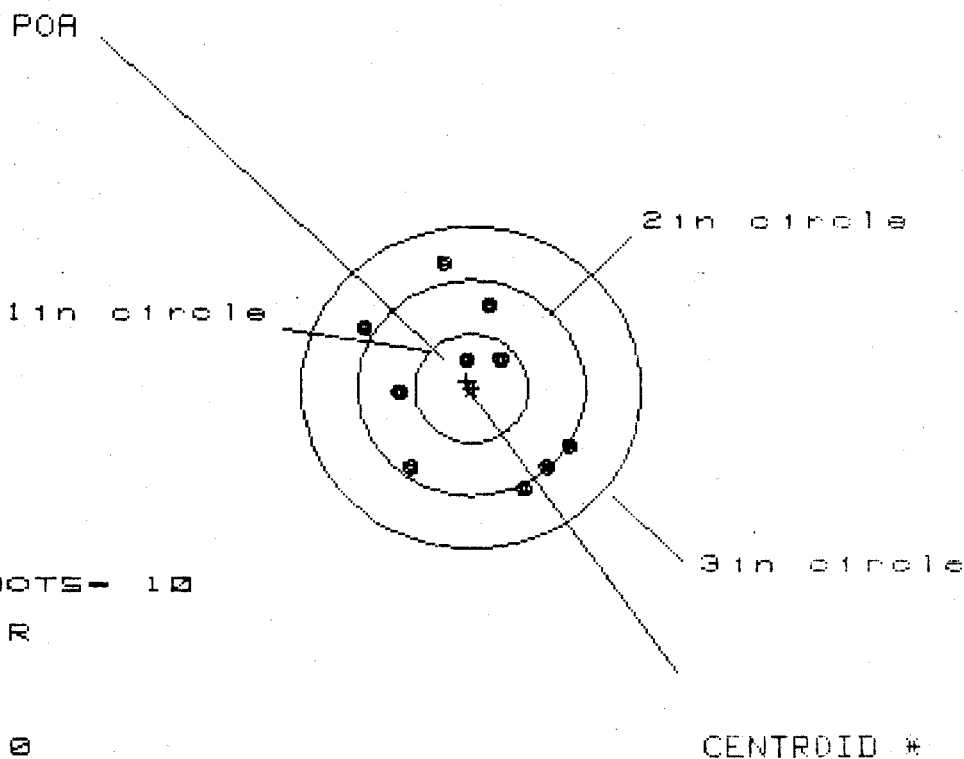
CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.216	1.358
MINIMUM X	:	-2.148	-1.072	-.930
MAXIMUM Y	:	.828	.895	.977
MINIMUM Y	:	-1.194	-1.127	-1.045
CENTROID X	:	-.159	.080	-.062
CENTROID Y	:	.073	.006	-.076
POA TO CENTROID in.	:	.175	.080	.098
MIN RADIUS	:	.293	.536	.429
MEAN RADIUS	:	1.079	.958	.877
MAX RADIUS	:	2.231	1.555	1.439
HORIZONTAL SPREAD	:	3.603	2.288	2.288
VERTICAL SPREAD	:	2.022	2.022	2.022
EXTREME SPREAD	:	3.614	2.835	2.747
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665728

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.774

VS= 2.093

GS= 2.187

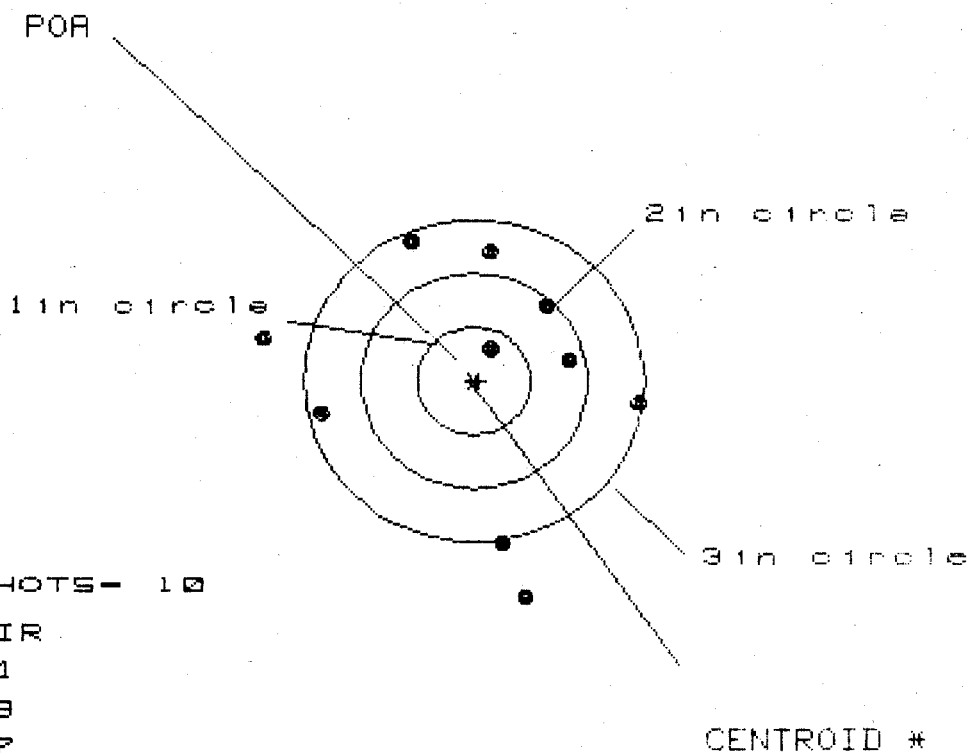
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.829	.711
MINIMUM X	:	-.923	-.945	-.745
MAXIMUM Y	:	1.132	.913	1.000
MINIMUM Y	:	-.961	-.835	-.748
CENTROID X	:	.042	.064	.182
CENTROID Y	:	-.068	-.194	-.281
POA TO CENTROID in.	:	.080	.204	.335
MIN RADIUS	:	.233	.360	.481
MEAN RADIUS	:	.821	.791	.740
MAX RADIUS	:	1.150	1.173	1.000
HORIZONTAL SPREAD	:	1.774	1.774	1.456
VERTICAL SPREAD	:	2.093	1.748	1.748
EXTREME SPREAD	:	2.187	2.104	1.773
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665728

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.256

VS= 3.312

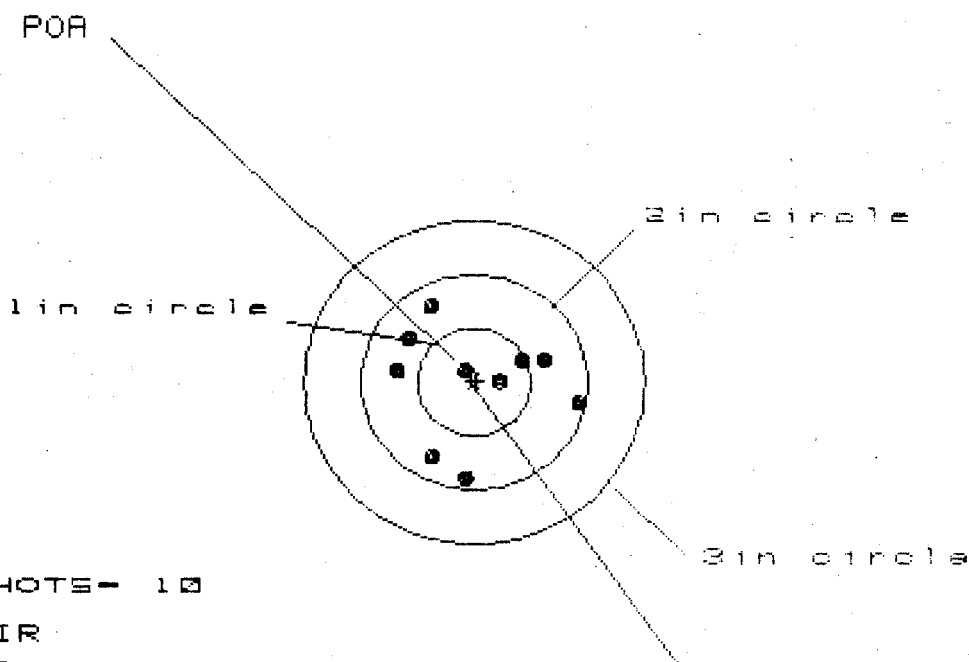
GS= 3.475

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.415	1.468	1.245
MINIMUM X	:	-1.841	-1.788	-1.572
MAXIMUM Y	:	1.287	1.062	1.086
MINIMUM Y	:	-2.025	-1.774	-1.750
CENTROID X	:	-.043	-.097	.126
CENTROID Y	:	.001	.226	.202
POA TO CENTROID in.	:	.044	.246	.238
MIN RADIUS	:	.303	.181	.092
MEAN RADIUS	:	1.313	1.184	1.059
MAX RADIUS	:	2.082	1.799	1.752
HORIZONTAL SPREAD	:	3.256	3.256	2.817
VERTICAL SPREAD	:	3.312	2.836	2.836
EXTREME SPREAD	:	3.475	3.322	2.951
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665728

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.594

VS= 1.577

GS= 1.618

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.720	.719
MINIMUM X	:	-.711	-.613	-.614
MAXIMUM Y	:	.710	.689	.578
MINIMUM Y	:	-.867	-.888	-.786
CENTROID X	:	-.021	-.119	-.118
CENTROID Y	:	-.009	.012	.123
POA TO CENTROID in.	:	.023	.120	.170
MIN RADIUS	:	.102	.066	.062
MEAN RADIUS	:	.614	.578	.526
MAX RADIUS	:	.903	.888	.831
HORIZONTAL SPREAD	:	1.594	1.333	1.093
VERTICAL SPREAD	:	1.577	1.577	1.364
EXTREME SPREAD	:	1.618	1.592	1.365
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	