

FORM

UPC



0 47700 25716 7

C6665718

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.

C6665718

ORDER NO.

5716

20

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



5716 C6665718

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26665718

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10/1/91	YH
600	Proof		10/1/91	YH
607	Check Headspace		10/1/91	YH
610	Dis-assemble Gun		10/1/91	YH
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GL
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	YH
	Apply Coating (Bolt)		11-1-91	YH
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/91	YH
	C) Inspect Ejector Hole for Chamfer		11/6/91	YH
	D) Oil Firing Pin Ass'y		11/6/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-7-91	JH
	G) Safety Off Force	3	3	3			11-7-91	JH
	H) Trigger Pull Test & Retainability						11-7-91	JH
	I) Firing Pin Indent	.021	.021	.021			11-7-91	JH
	J) Assemble Stock						11/7/91	KH
	K) Assemble Swivel Studs						11-21-91	JH
	L) Attach Front and Rear Sight Assemblies						11/7/91	KH
	M) Iron Sight Alignment						11/7/91	KH
	N) Detach Front & Rear Sights & place in numbered container						11/7/91	KH
	O) Attach Scope to Rifle						11/7/91	KH
	P) Detach & Attach Scope 20 Times						11/7/91	KH
640	Gallery Target & Test						11-19-91	DH
	A) Time						11-19-91	DH
	B) Malfunctions						11-19-91	DH
	C) Pierced Primers						11-19-91	DH
	D) Optical Clarity of Scope						11-19-91	DH
645	Inspect for Live Ammo						11-19-91	DH
655	Final Inspection							
	A) Headspace						11-21-91	JH
	B) Trigger Pull	2.73	2.79	2.79	2.68	2.76	11-19-91	DH
	C) Function						11-21-91	JH
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. C-6665718

DATE 11-7-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.35	2.44	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.41	2.48	2.79	
PULL #3	2.40	2.45	2.43	2.79	
PULL #4	2.64	2.26	2.45	2.68	
PULL #5	2.41	2.49	2.50	2.76	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.36		
PULL #2	3.41	3.41		
PULL #3	3.42	3.28		
PULL #4	3.42	3.39		
PULL #5	3.37	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.40		4.52
PULL #2	4.30	4.46		4.55
PULL #3	4.26	4.53		4.20
PULL #4	4.50	4.51		4.41
PULL #5	4.39	4.52		4.54
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665718
19 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0965401
1 TO	2	.247952
1 TO	3	.424444
1 TO	4	1.05255
1 TO	5	.659337

$\frac{3}{t_2} 5^4 \leftarrow \text{---POA}$

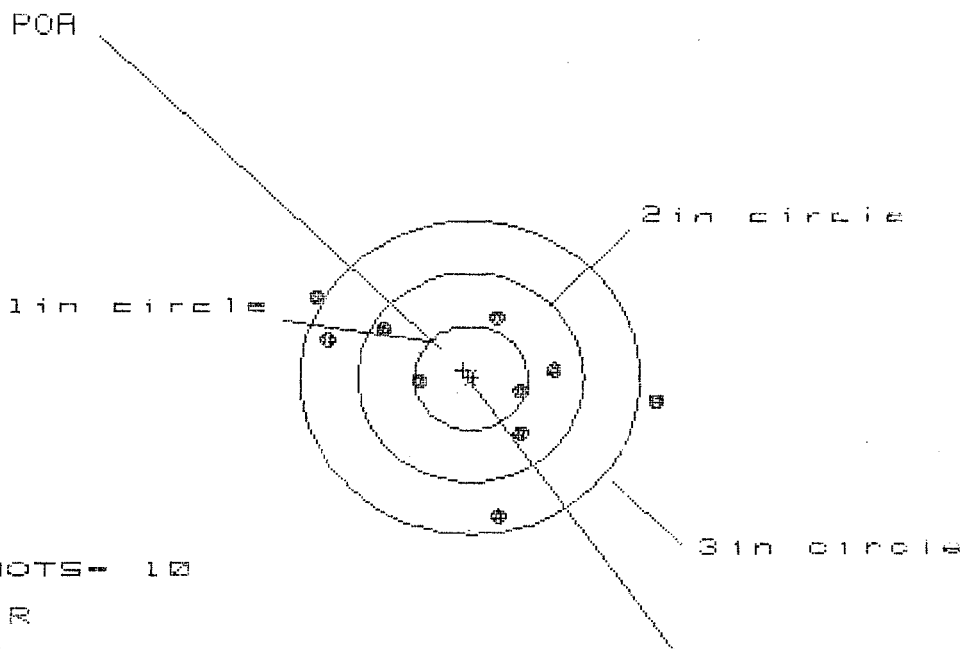
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4518
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1054
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .463931

THE AMR FOR THIS RIFLE IS: .9652

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665718

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.049

VS= 2.026

GS= 3.205

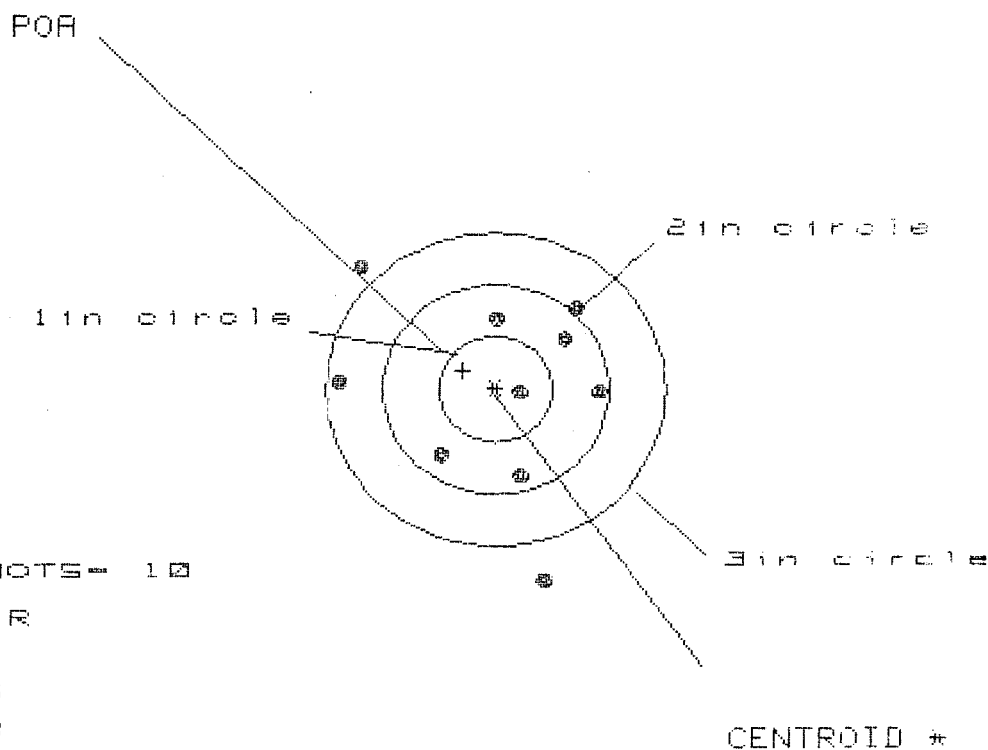
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.674	.874	.725
MINIMUM X	:	-1.375	-1.189	-1.222
MAXIMUM Y	:	.727	.698	.605
MINIMUM Y	:	-1.299	-1.328	-1.241
CENTROID X	:	.062	-.124	.025
CENTROID Y	:	-.074	-.045	-.132
POA TO CENTROID in.	:	.097	.132	.135
MIN RADIUS	:	.421	.245	.381
MEAN RADIUS	:	.970	.887	.809
MAX RADIUS	:	1.694	1.404	1.297
HORIZONTAL SPREAD	:	3.049	2.063	1.947
VERTICAL SPREAD	:	2.026	2.026	1.846
EXTREME SPREAD	:	3.205	2.610	2.267
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

19 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685718

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.366

VS= 2.957

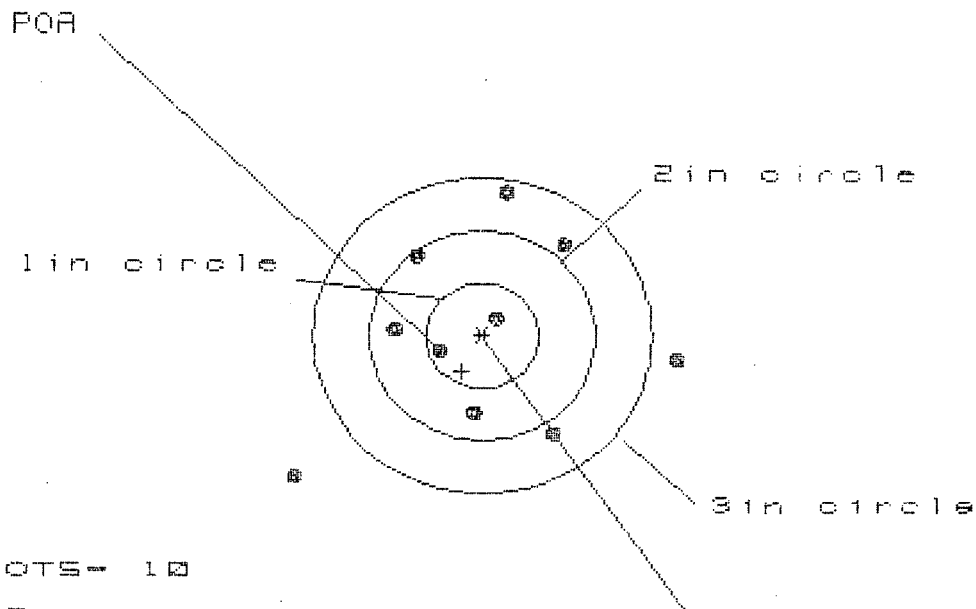
GS= 3.331

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	1.003	.864
MINIMUM X	:	-1.406	-1.363	-1.502
MAXIMUM Y	:	1.128	.925	.722
MINIMUM Y	:	-1.829	-.979	-.863
CENTROID X	:	.288	.245	.384
CENTROID Y	:	-.176	.027	-.089
POA TO CENTROID in.	:	.338	.247	.394
MIN RADIUS	:	.229	.338	.158
MEAN RADIUS	:	1.022	.920	.816
MAX RADIUS	:	1.868	1.445	1.502
HORIZONTAL SPREAD	:	2.366	2.366	2.366
VERTICAL SPREAD	:	2.957	1.904	1.585
EXTREME SPREAD	:	3.331	2.384	2.366
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665718

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HSI = 3.354

VS = 2.727

GS = 3.557

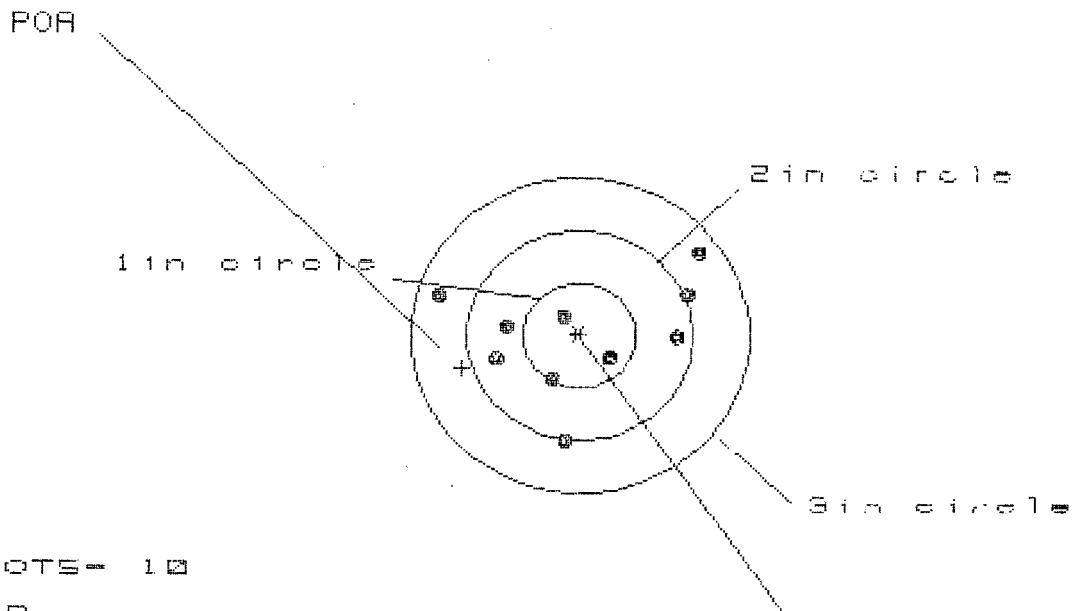
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.713	1.529	.739
MINIMUM X	:	-1.651	-.913	-.721
MAXIMUM Y	:	1.377	1.227	1.184
MINIMUM Y	:	-1.350	-1.036	-1.079
CENTROID X	:	.179	.363	.171
CENTROID Y	:	.334	.484	.527
POA TO CENTROID in.	:	.379	.604	.554
MIN RADIUS	:	.176	.068	.140
MEAN RADIUS	:	1.045	.922	.814
MAX RADIUS	:	2.133	1.568	1.239
HORIZONTAL SPREAD	:	3.364	2.442	1.460
VERTICAL SPREAD	:	2.727	2.263	2.263
EXTREME SPREAD	:	3.557	2.458	2.302
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

19 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665718

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.258

VS= 1.706

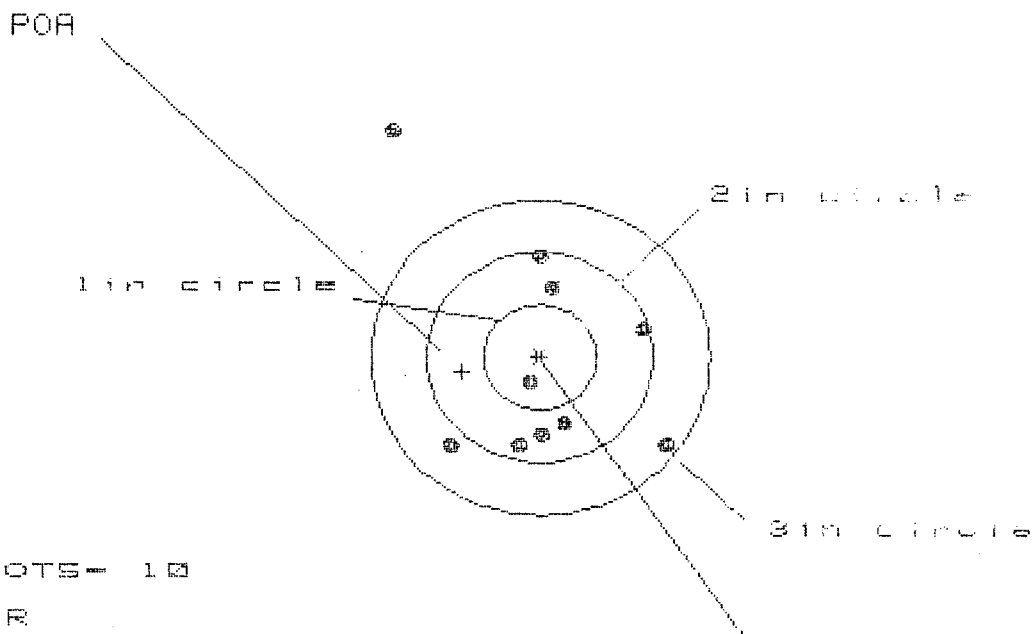
GS= 2.290

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.056	1.095	.960
MINIMUM X	:	-1.202	-1.085	-.719
MAXIMUM Y	:	.744	.446	.502
MINIMUM Y	:	-.962	-.879	-.823
CENTROID X	:	1.042	.925	1.060
CENTROID Y	:	.310	.227	.171
POA TO CENTROID in.	:	1.087	.952	1.074
MIN RADIUS	:	.269	.291	.212
MEAN RADIUS	:	.776	.698	.637
MAX RADIUS	:	1.292	1.183	1.083
HORIZONTAL SPREAD	:	2.258	2.180	1.679
VERTICAL SPREAD	:	1.706	1.325	1.325
EXTREME SPREAD	:	2.290	2.180	1.769
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

19 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865718

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.473

VS= 3.064

GS= 3.937

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	1.000	.860
MINIMUM X	:	-1.326	-.965	-.840
MAXIMUM Y	:	2.212	1.165	1.089
MINIMUM Y	:	-.852	-.606	-.637
CENTROID X	:	.688	.835	.710
CENTROID Y	:	.133	-.113	-.037
POA TO CENTROID in.	:	.701	.843	.711
MIN RADIUS	:	.224	.248	.120
MEAN RADIUS	:	1.013	.784	.725
MAX RADIUS	:	2.579	1.173	1.089
HORIZONTAL SPREAD	:	2.473	1.965	1.700
VERTICAL SPREAD	:	3.064	1.771	1.726
EXTREME SPREAD	:	3.937	2.106	1.987
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	