

FORM

UPC



C6666022

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6666022

ORDER NO.

5716

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

20



5716 C6666022

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



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0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666022

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KL
600	Proof		9/30/91	KL
607	Check Headspace		9/30/91	KL
610	Dis-assemble Gun		9/30/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	LG
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		10/14/91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KL
	C) Inspect Ejector Hole for Chamfer		11/1/91	KL
	D) Oil Firing Pin Ass'y		11/1/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-4-91	JH
	G) Safety Off Force	3	3	3			11-4-91	JH
	H) Trigger Pull Test & Retainability						11-4-91	JH
	I) Firing Pin Indent	023	022	022			11-4-91	JH
	J) Assemble Stock						11/4/91	JH
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/4/91	JH
	M) Iron Sight Alignment						11/4/91	JH
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	JH
	O) Attach Scope to Rifle						11/4/91	JH
	P) Detach & Attach Scope 20 Times						11/4/91	JH
640	Gallery Target & Test						11-5-91	DH
	A) Time						11-5-91	DH
	B) Malfunctions						11-5-91	DH
	C) Pierced Primers						11-5-91	DH
	D) Optical Clarity of Scope						11-5-91	DH
645	Inspect for Live Ammo						11-5-91	DH
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	242	242	247	246	246	11-6-91	DH
	C) Function						11-12-91	AC
660	Pack						12-19-91	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-6666022

DATE 11-4-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.16	2.24	2.50	242	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.30	2.57	242	
PULL #3	2.31	2.28	2.48	247	
PULL #4	2.28	2.37	2.39	246	
PULL #5	2.27	2.48	2.44	246	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.36		
PULL #2	3.48	3.33		
PULL #3	3.37	3.34		
PULL #4	3.45	3.34		
PULL #5	3.58	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.23		4.30
PULL #2	4.41	4.45		4.38
PULL #3	4.19	4.36		4.45
PULL #4	4.28	4.35		4.39
PULL #5	4.26	4.33		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06666022
5 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.285701
1	TO	2	.661105
1	TO	3	.274089
1	TO	4	.25838
1	TO	5	.344616

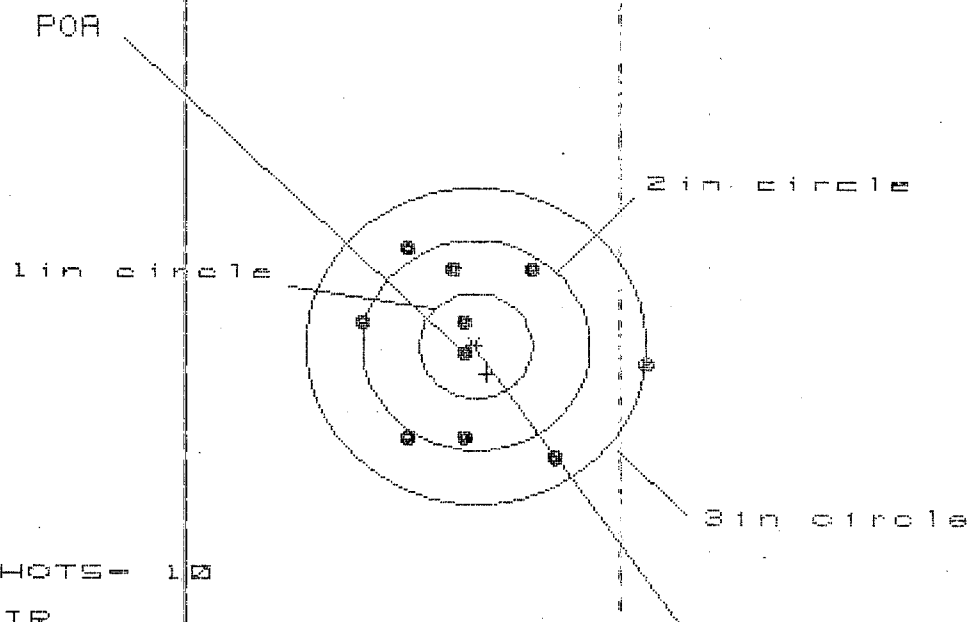
4.32 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1412
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177763
THE AMR FOR THIS RIFLE IS: .9674

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.498

VS= 2.010

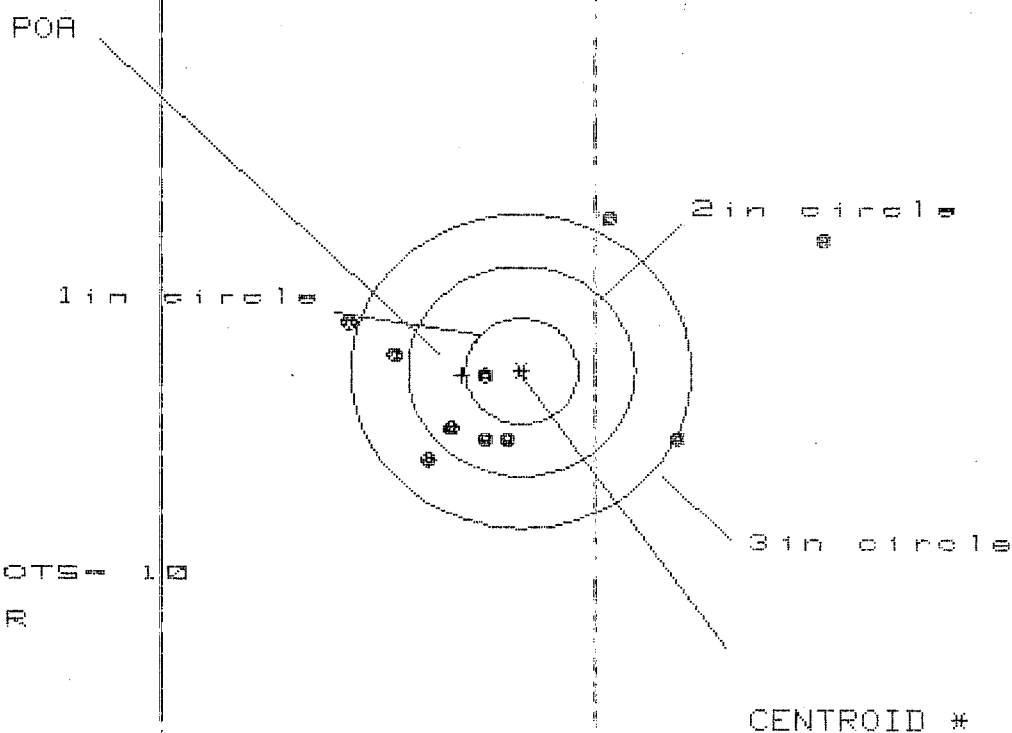
GS= 2.534

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.518	.854	.762
MINIMUM X	:	-.980	-.811	-.785
MAXIMUM Y	:	.969	.951	.818
MINIMUM Y	:	-1.041	-1.059	-.992
CENTROID X	:	-.099	-.268	-.374
CENTROID Y	:	.268	.286	.419
POA TO CENTROID in.	:	.286	.392	.562
MIN RADIUS	:	.161	.134	.231
MEAN RADIUS	:	.886	.792	.710
MAX RADIUS	:	1.526	1.360	1.020
HORIZONTAL SPREAD	:	2.498	1.665	1.467
VERTICAL SPREAD	:	2.010	2.010	1.810
EXTREME SPREAD	:	2.534	2.364	1.901
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666022

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 4.179

VS = 2.283

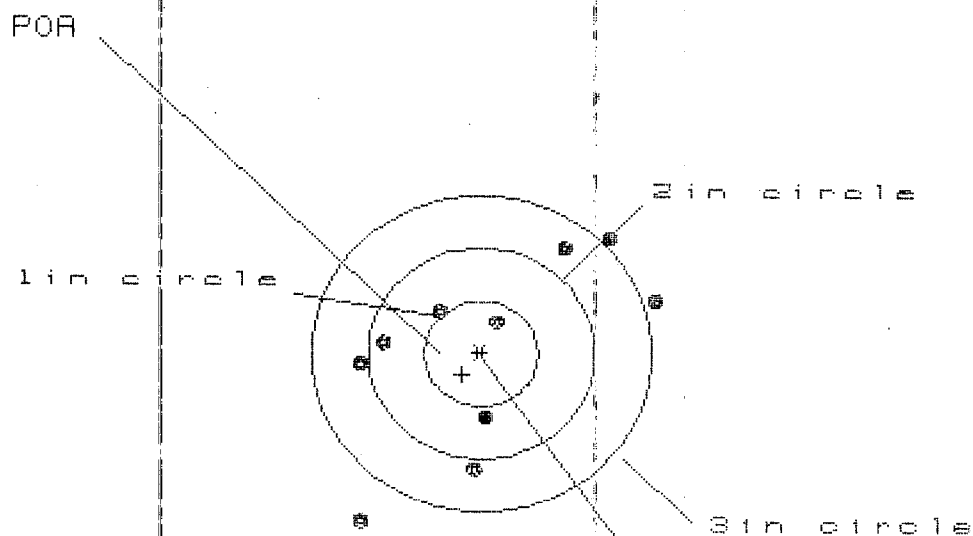
GS = 4.256

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.671	1.643	1.779
MINIMUM X	:	-1.508	-1.211	-1.075
MAXIMUM Y	:	1.408	1.549	.804
MINIMUM Y	:	-.875	-.734	-.540
CENTROID X	:	.523	.226	.090
CENTROID Y	:	.044	-.097	-.291
POA TO CENTROID in.	:	.525	.246	.305
MIN RADIUS	:	.306	.101	.281
MEAN RADIUS	:	1.241	.923	.742
MAX RADIUS	:	2.960	1.895	1.798
HORIZONTAL SPREAD	:	4.179	2.854	2.854
VERTICAL SPREAD	:	2.283	2.283	1.344
EXTREME SPREAD	:	4.256	3.047	3.047
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

5 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 2.586

VS = 2.700

GS = 3.453

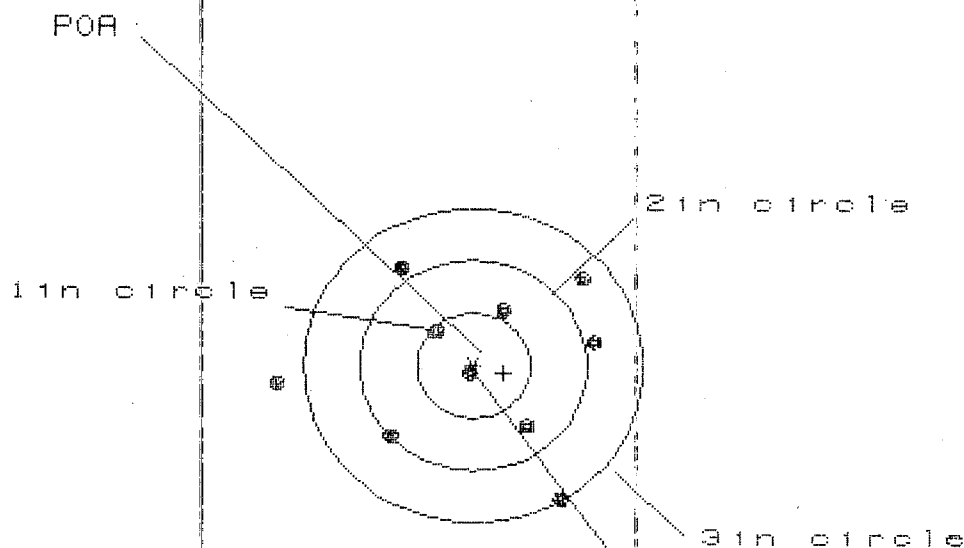
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.527	1.409	1.152
MINIMUM X	:	-1.059	-1.164	-.988
MAXIMUM Y	:	1.135	.961	1.004
MINIMUM Y	:	-1.565	-1.264	-1.221
CENTROID X	:	.166	.284	.108
CENTROID Y	:	.198	.372	.329
POA TO CENTROID in.	:	.259	.468	.346
MIN RADIUS	:	.276	.093	.197
MEAN RADIUS	:	1.066	.960	.875
MAX RADIUS	:	1.890	1.451	1.528
HORIZONTAL SPREAD	:	2.586	2.573	2.140
VERTICAL SPREAD	:	2.700	2.225	2.225
EXTREME SPREAD	:	3.453	2.658	2.520
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

5 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.813

VS= 2.273

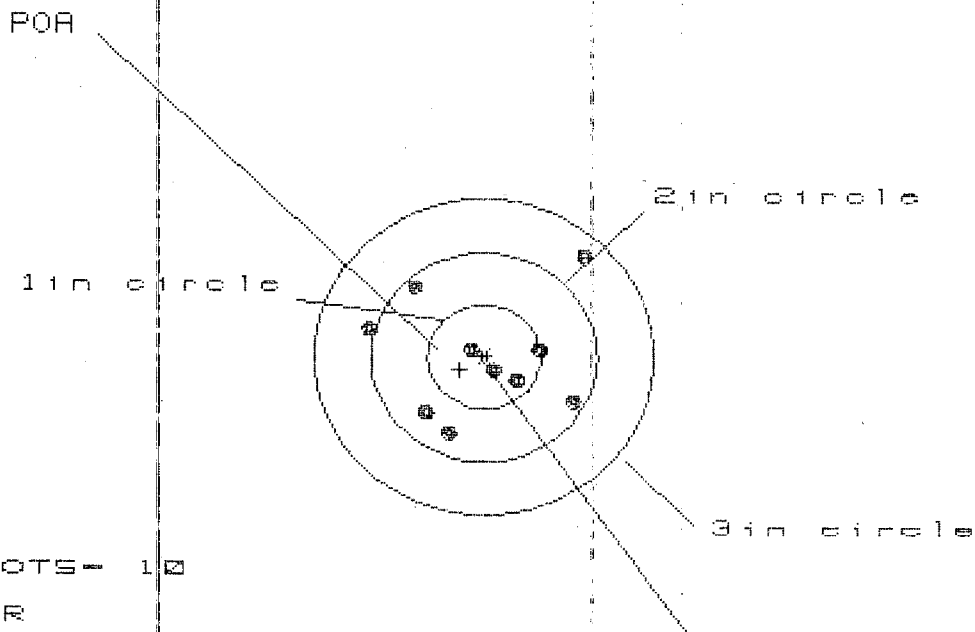
GS= 2.858

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.047	.851	.919
MINIMUM X	:	-1.766	-.933	-.865
MAXIMUM Y	:	.973	.955	.790
MINIMUM Y	:	-1.300	-1.318	-.857
CENTROID X	:	-.265	-.069	-.138
CENTROID Y	:	.070	.088	.253
POA TO CENTROID in.	:	.275	.112	.288
MIN RADIUS	:	.101	.241	.316
MEAN RADIUS	:	.955	.859	.770
MAX RADIUS	:	1.773	1.426	1.217
HORIZONTAL SPREAD	:	2.813	1.784	1.784
VERTICAL SPREAD	:	2.273	2.273	1.647
EXTREME SPREAD	:	2.858	2.636	2.222
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

5 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.853

VS= 1.728

GS= 2.095

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.884	.773
MINIMUM X	:	-.987	-.891	-.600
MAXIMUM Y	:	.985	.775	.824
MINIMUM Y	:	-.743	-.633	-.584
CENTROID X	:	.215	.119	.230
CENTROID Y	:	.126	.016	-.033
POA TO CENTROID in.	:	.249	.120	.233
MIN RADIUS	:	.144	.197	.089
MEAN RADIUS	:	.689	.619	.550
MAX RADIUS	:	1.312	.975	1.020
HORIZONTAL SPREAD	:	1.853	1.775	1.373
VERTICAL SPREAD	:	1.728	1.408	1.408
EXTREME SPREAD	:	2.095	1.928	1.779
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	