

FORM

UPC



0 47700 25716 7

C6665723

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665723

ORDER NO.

5716

20

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



5716 C6665723

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665723

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		RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	Y.S.
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		10/30/91	JA

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	3 1/2	4 1/4	4		10-30-91	D/H
	G) Safety Off Force	2	2	2 1/4		10-30-91	D/H
	H) Trigger Pull Test & Retainability					10/30/91	JR
	I) Firing Pin Indent	021	020	021		10-30-91	D/H
	J) Assemble Stock					10/30/91	RW
	K) Assemble Swivel Studs					11-8-91	Ac
	L) Attach Front and Rear Sight Assemblies					10/30/91	RW
	M) Iron Sight Alignment					10/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container					10/30/91	RW
	O) Attach Scope to Rifle					10/30/91	RW
	P) Detach & Attach Scope 20 Times					10/30/91	RW
640	Gallery Target & Test					10-30-91	N
	A) Time					"	NF
	B) Malfunctions					"	NF
	C) Pierced Primers					"	NF
	D) Optical Clarity of Scope					"	NF
645	Inspect for Live Ammo					10-30-91	NF
655	Final Inspection						
	A) Headspace					11-8-91	Ac
	B) Trigger Pull	2.57	2.57	2.59	2.53	2.63	10/31-91 D/H
	C) Function					11-8-91	Ac
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-6665723

DATE 10-30-91

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.32	2.31	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.37	2.35	2.57	
PULL #3	2.24	2.33	2.44	2.59	
PULL #4	2.24	2.20	2.28	2.53	
PULL #5	2.22	2.27	2.28	2.63	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.30		
PULL #2	3.37	3.31		
PULL #3	3.37	3.15		
PULL #4	3.34	3.30		
PULL #5	3.33	3.27		
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	4.33		4.32
PULL #2	4.29	4.32		4.26
PULL #3	4.33	4.30		4.34
PULL #4	4.30	4.31		4.35
PULL #5	4.36	4.33		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665723
30 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.362862
1 TO 2	.486544
1 TO 3	.343651
1 TO 4	.336001
1 TO 5	.494616

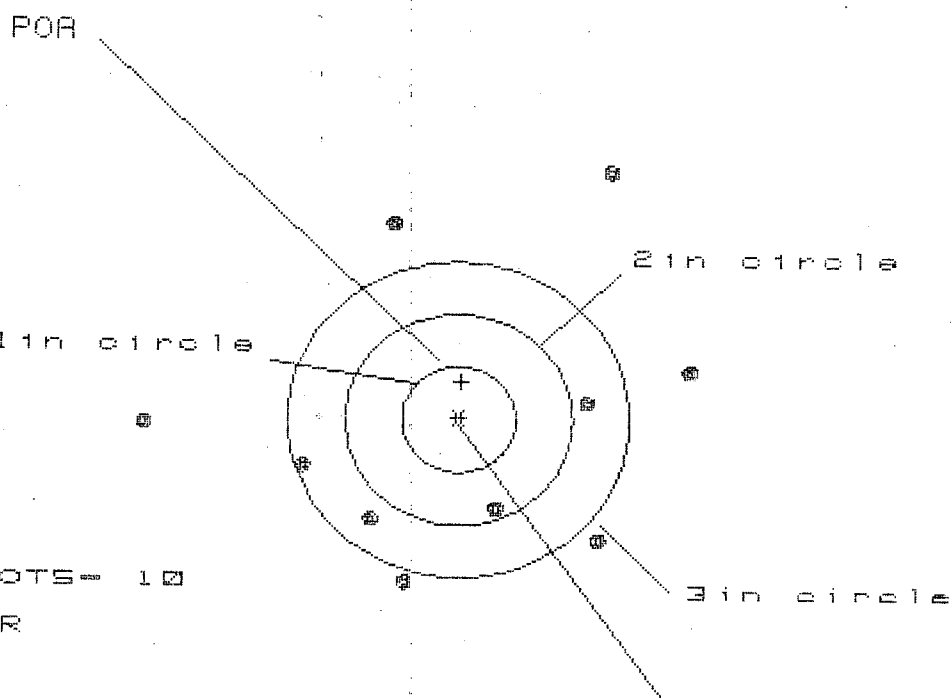
50
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0826
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112651
THE AMR FOR THIS RIFLE IS: 1.143

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665723

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 1

3in = 4

HS= 4.743

VS= 3.963

GS= 4.763

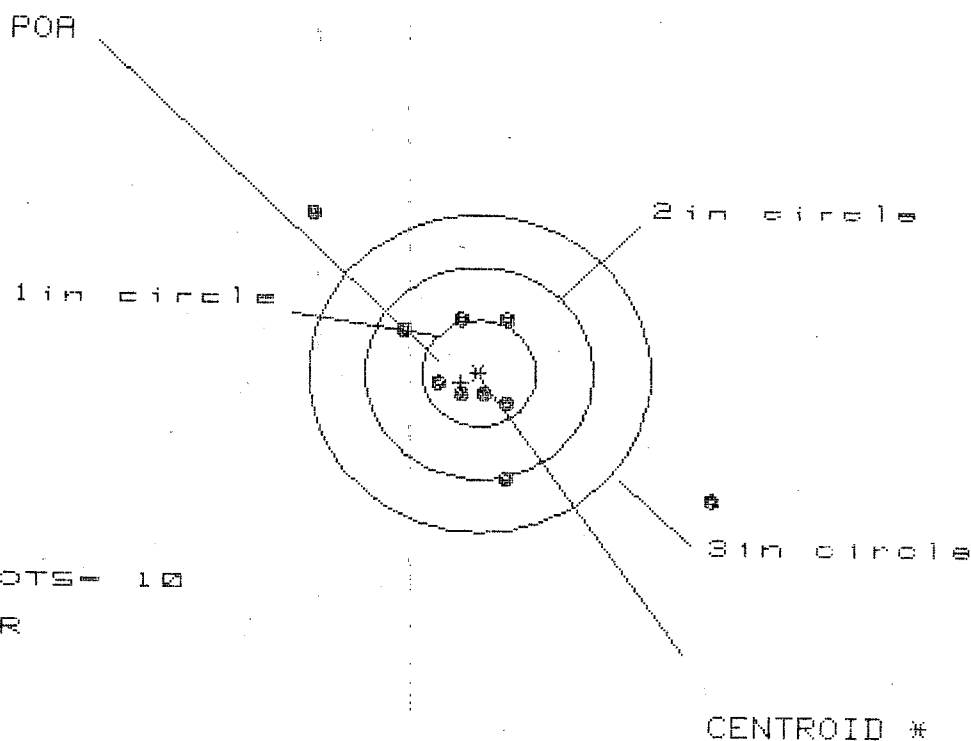
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.990	1.684	1.809
MINIMUM X	:	-2.753	-1.705	-1.580
MAXIMUM Y	:	2.394	2.393	2.198
MINIMUM Y	:	-1.569	-1.570	-1.271
CENTROID X	:	-.025	.281	.156
CENTROID Y	:	-.362	-.361	-.660
POA TO CENTROID in.	:	.363	.458	.679
MIN RADIUS	:	.917	.813	.574
MEAN RADIUS	:	1.759	1.617	1.434
MAX RADIUS	:	2.753	2.593	2.318
HORIZONTAL SPREAD	:	4.743	3.389	3.389
VERTICAL SPREAD	:	3.963	3.963	3.469
EXTREME SPREAD	:	4.763	4.356	3.537
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			1	
NUMBER IN THREE INCH CIRCLE =			4	

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FILE:/PATTERNING/CENTERFIRE_PATT/08665723

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 8

HS = 3.423

VS = 2.737

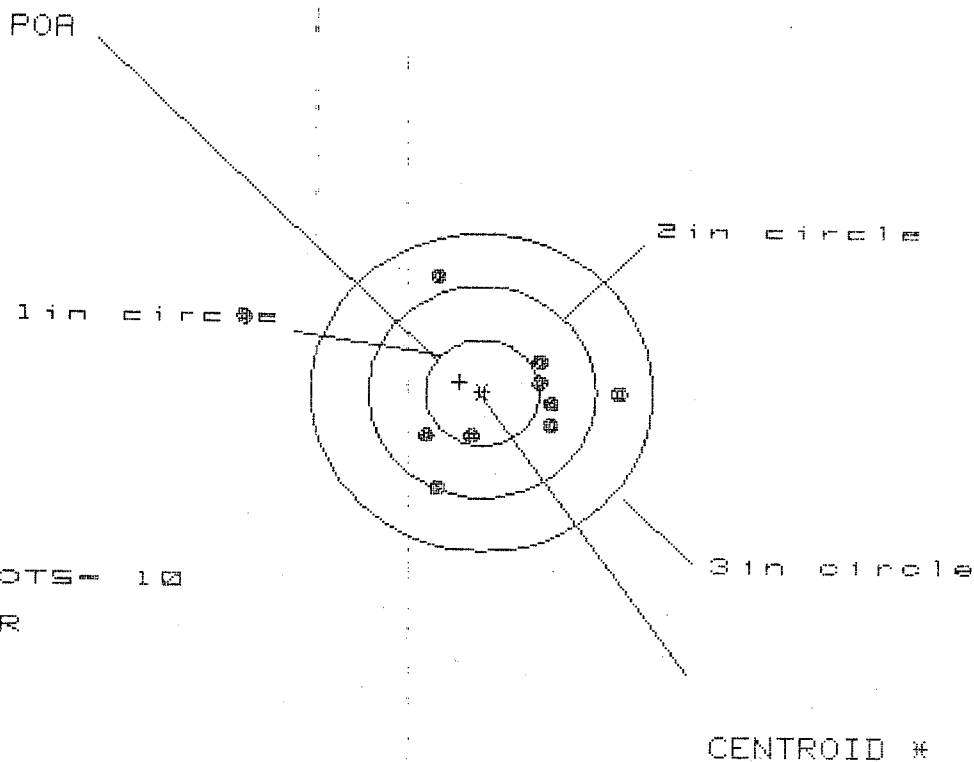
GS = 4.383

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.012	.469	.321
MINIMUM X	:	-1.411	-1.188	-.604
MAXIMUM Y	:	1.514	1.378	.556
MINIMUM Y	:	-1.224	-1.169	-.997
CENTROID X	:	.150	-.063	.085
CENTROID Y	:	.088	.224	.052
POA TO CENTROID in.	:	.183	.233	.100
MIN RADIUS	:	.159	.282	.144
MEAN RADIUS	:	.852	.685	.500
MAX RADIUS	:	2.355	1.819	1.043
HORIZONTAL SPREAD	:	3.423	1.657	.925
VERTICAL SPREAD	:	2.737	2.547	1.553
EXTREME SPREAD	:	4.383	3.031	1.685
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 3.285

VS = 2.060

GS = 3.369

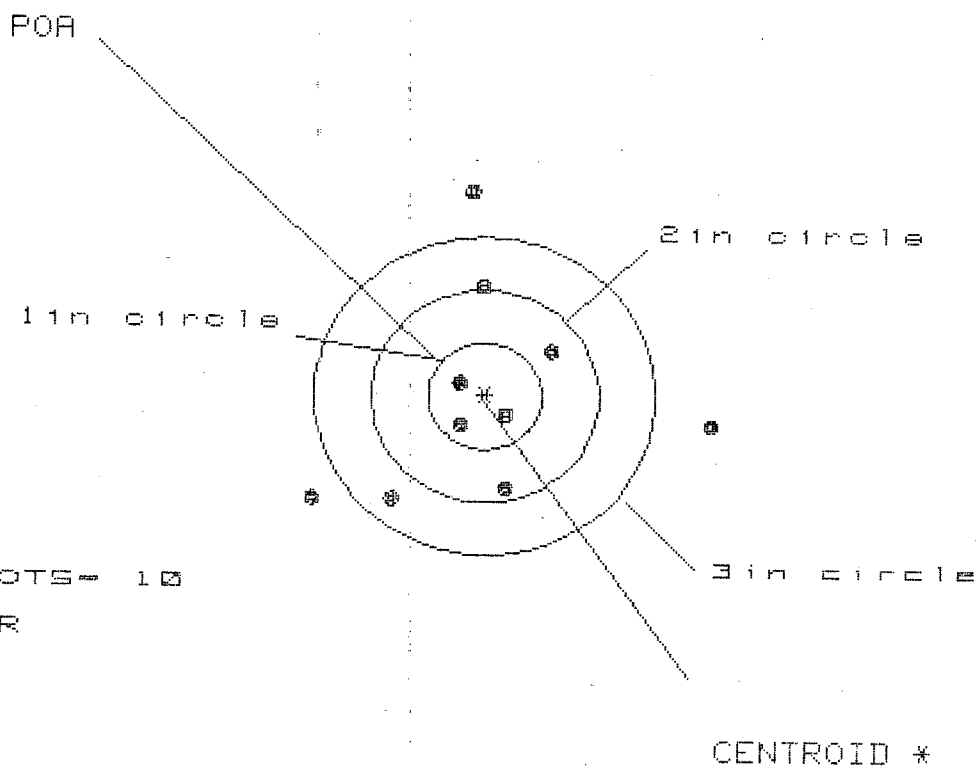
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	.976	.521
MINIMUM X	:	-2.078	-.706	-.584
MAXIMUM Y	:	1.123	1.203	1.210
MINIMUM Y	:	-.937	-.857	-.849
CENTROID X	:	.195	.426	.304
CENTROID Y	:	-.098	-.178	-.185
POA TO CENTROID in.	:	.218	.462	.356
MIN RADIUS	:	.469	.361	.435
MEAN RADIUS	:	.917	.709	.688
MAX RADIUS	:	2.200	1.361	1.315
HORIZONTAL SPREAD	:	3.285	1.682	1.105
VERTICAL SPREAD	:	2.060	2.060	2.060
EXTREME SPREAD	:	3.369	2.060	2.060
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665723

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 3.555

VS= 2.877

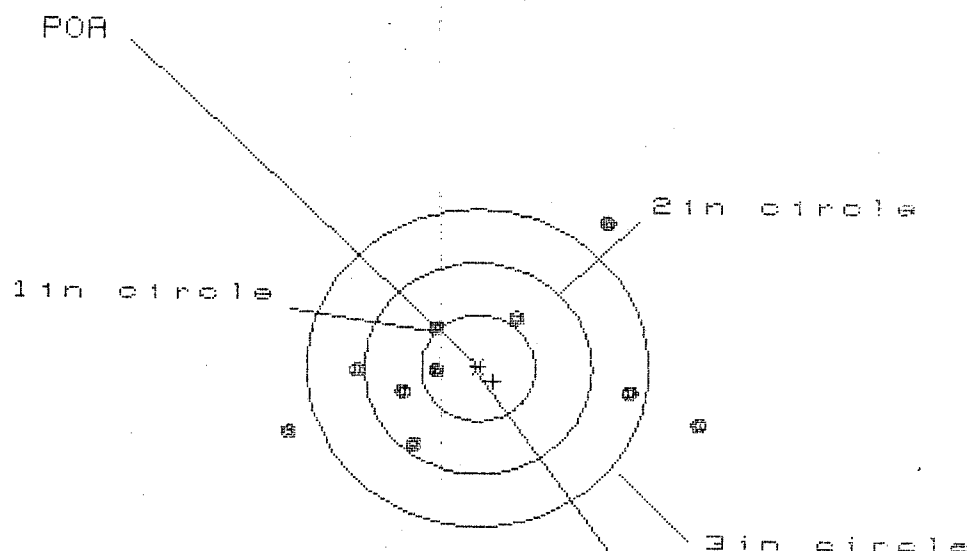
GS= 3.632

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.995	.794	.805
MINIMUM X	:	-1.560	-1.338	-1.327
MAXIMUM Y	:	1.882	1.854	1.210
MINIMUM Y	:	-.995	-1.023	-.791
CENTROID X	:	.219	-.003	-.014
CENTROID Y	:	-.131	-.103	-.335
POA TO CENTROID in.	:	.255	.103	.335
MIN RADIUS	:	.249	.123	.067
MEAN RADIUS	:	1.044	.934	.795
MAX RADIUS	:	2.011	1.856	1.545
HORIZONTAL SPREAD	:	3.555	2.132	2.132
VERTICAL SPREAD	:	2.877	2.877	2.001
EXTREME SPREAD	:	3.632	3.213	2.569
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/CG665723

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.570

VS= 2.035

GS= 3.573

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.952	1.559	1.728
MINIMUM X	-1.618	-1.401	-1.232
MAXIMUM Y	1.352	1.298	.589
MINIMUM Y	-.683	-.737	-.575
CENTROID X	-.136	-.353	-.522
CENTROID Y	.120	.174	.012
POA TO CENTROID in.	.181	.393	.522
MIN RADIUS	.400	.201	.075
MEAN RADIUS	1.108	.944	.775
MAX RADIUS	2.011	1.877	1.731
HORIZONTAL SPREAD	3.570	2.960	2.960
VERTICAL SPREAD	2.035	2.035	1.164
EXTREME SPREAD	3.573	3.393	2.991
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	