

Small
©

Small
©

UPC

0 47700 25716 7

06665746

MODEL 700TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665746

ORDER NO.

5716

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

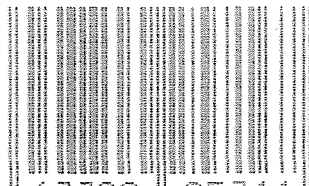


5716 C6665746

ORDER 5716

MODEL 700 TM M24

UPC

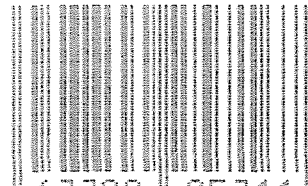


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665746

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	91	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	FB.
618	Polish Barrel		OCT 2 1991	WHP
620	Apply Coatings (Barrel Action)		OCT 3 1991	JA
	Apply Coating (Bolt)		10-13	
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		10/16/91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/16/91	JH
	G) Safety Off Force	3	3	3			10/16/91	JH
	H) Trigger Pull Test & Retainability						10/16/91	JH
	I) Firing Pin Indent	.021	.020	.020			10/16/91	JH
	J) Assemble Stock						10/17/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/17/91	RW
	M) Iron Sight Alignment						10/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/91	RW
	O) Attach Scope to Rifle						10/17/91	RW
	P) Detach & Attach Scope 20 Times						10/17/91	RW
640	Gallery Target & Test						10-18-91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						10/17/91	KJ
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	223	214	210	211	219	10-18-91	DH
	C) Function						10-22-91	AC
660	Pack						12-17-91	V-

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6665746

DATE 10/16/91

TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.31	2.33	223	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.35	2.38	214	
PULL #3	2.31	2.30	2.38	210	
PULL #4	2.35	2.32	2.40	211	
PULL #5	2.28	2.28	2.32	219	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.36		
PULL #2	3.42	3.44		
PULL #3	3.41	3.46		
PULL #4	3.44	3.43		
PULL #5	3.42	3.40		
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	4.28		4.43
PULL #2	4.29	4.18		4.40
PULL #3	4.28	4.19		4.33
PULL #4	4.28	4.50		4.46
PULL #5	4.24	4.44		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665746
18 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.12
1 TO 2	.462277
1 TO 3	.0344093
1 TO 4	.134715
1 TO 5	.399025

$\frac{4}{2}$ <---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .193
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .210488

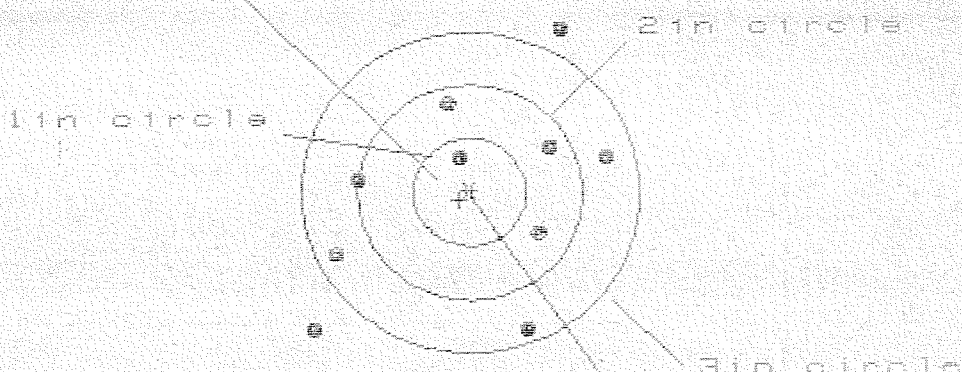
THE AMR FOR THIS RIFLE IS: 1.049

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685746

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.615

VS= 2.854

GS= 3.569

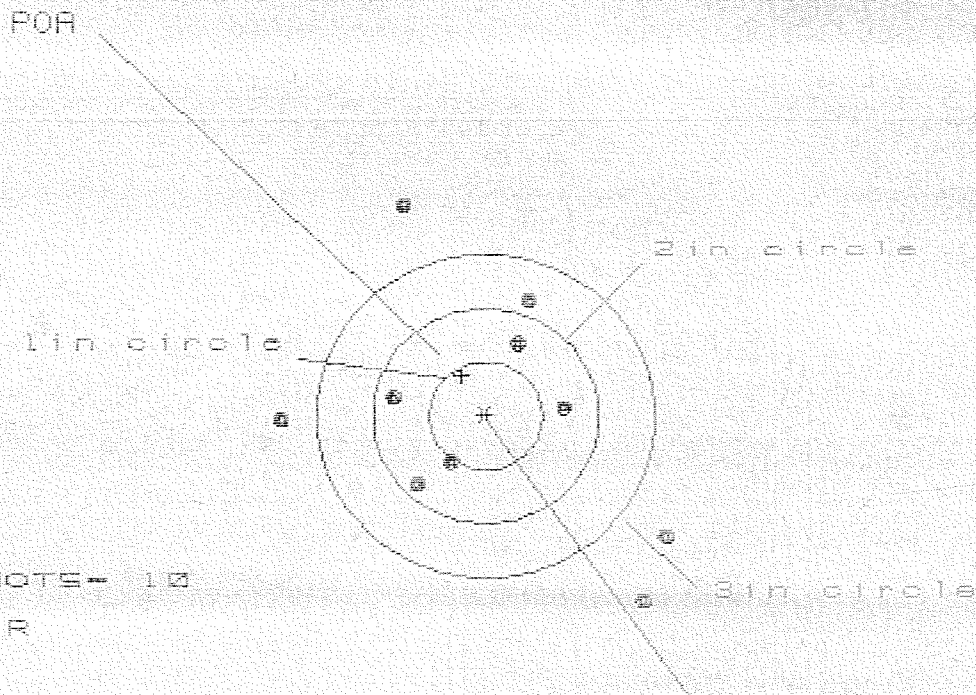
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.250	1.099	1.178
MINIMUM X	:	-1.365	-1.310	-1.231
MAXIMUM Y	:	1.546	1.401	.891
MINIMUM Y	:	-1.308	-1.453	-1.278
CENTROID X	:	.096	.248	.169
CENTROID Y	:	.072	.217	.042
POA TO CENTROID in.	:	.121	.330	.174
MIN RADIUS	:	.323	.320	.384
MEAN RADIUS	:	1.136	1.022	.967
MAX RADIUS	:	1.887	1.538	1.059
HORIZONTAL SPREAD	:	2.615	2.409	2.409
VERTICAL SPREAD	:	2.854	2.854	2.169
EXTREME SPREAD	:	3.569	2.899	2.571
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB65746

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 3.401

VS= 3.739

GS= 4.253

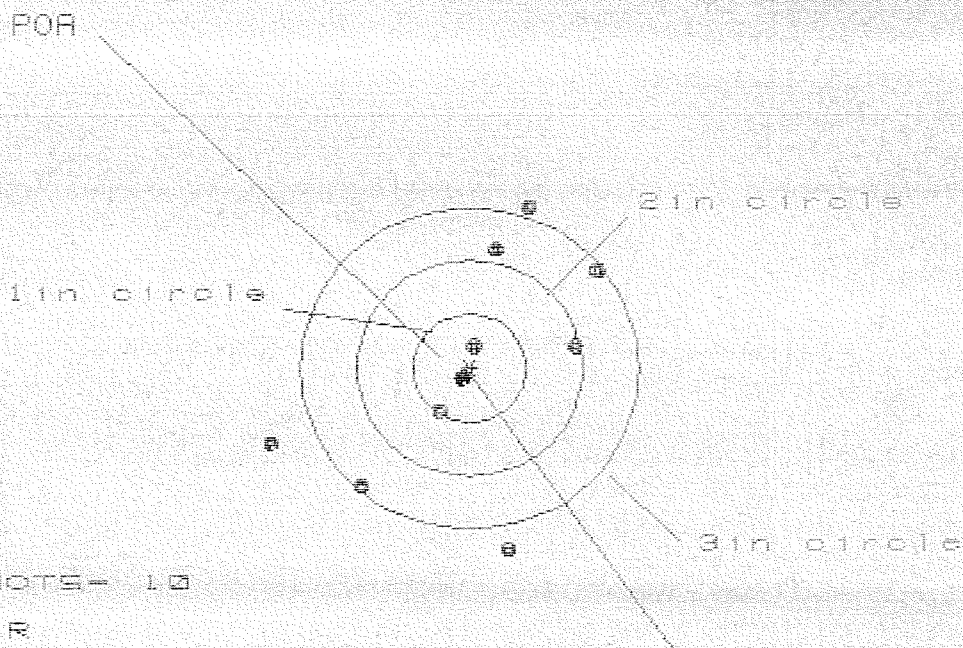
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.599	1.749	1.684
MINIMUM X	:	-1.802	-1.652	-1.717
MAXIMUM Y	:	1.970	1.774	1.095
MINIMUM Y	:	-1.769	-1.344	-1.123
CENTROID X	:	.210	.060	.125
CENTROID Y	:	-.376	-.180	-.401
POA TO CENTROID in.	:	.431	.189	.421
MIN RADIUS	:	.471	.591	.404
MEAN RADIUS	:	1.281	1.157	1.057
MAX RADIUS	:	2.226	2.206	2.024
HORIZONTAL SPREAD	:	3.401	3.401	3.401
VERTICAL SPREAD	:	3.739	3.118	2.218
EXTREME SPREAD	:	4.253	3.859	3.578
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665746

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 7

HS= 2.903

VS= 3.221

GS= 3.306

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.086	.884	.899
MINIMUM X	:	-1.817	-1.178	-1.163
MAXIMUM Y	:	1.493	1.418	1.192
MINIMUM Y	:	-1.728	-1.863	-1.371
CENTROID X	:	.068	.270	.255
CENTROID Y	:	.092	.167	.392
POA TO CENTROID in.	:	.115	.318	.468
MIN RADIUS	:	.091	.204	.168
MEAN RADIUS	:	1.093	.997	.881
MAX RADIUS	:	1.938	1.807	1.798
HORIZONTAL SPREAD	:	2.903	2.062	2.062
VERTICAL SPREAD	:	3.221	3.221	2.564
EXTREME SPREAD	:	3.306	3.226	2.963
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

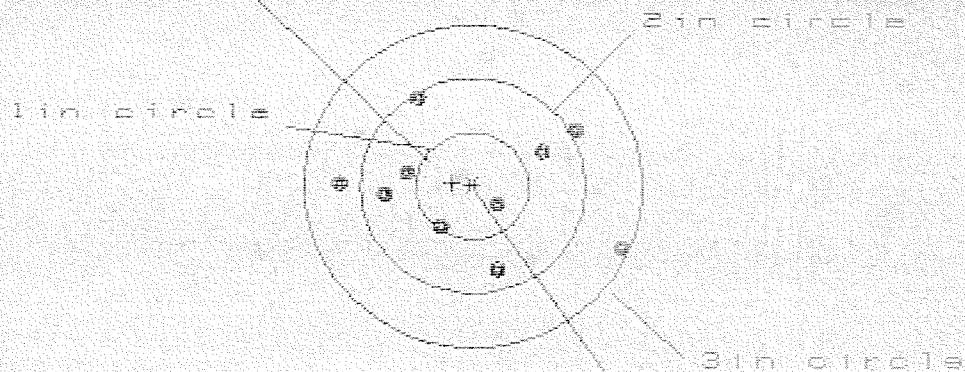
18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685748

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.506

VS= 1.536

GS= 2.576

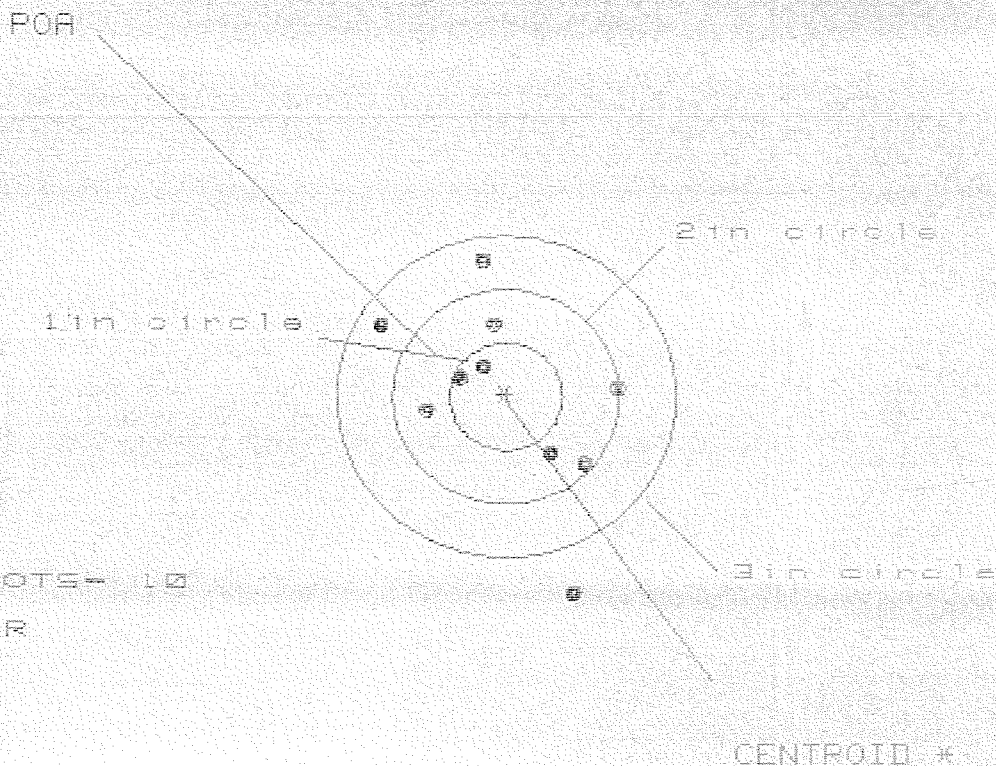
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.343	1.044	.917
MINIMUM X	:	-1.163	-1.013	-.762
MAXIMUM Y	:	.807	.749	.751
MINIMUM Y	:	-.729	-.787	-.785
CENTROID X	:	.184	.034	.161
CENTROID Y	:	-.030	.028	.026
POA TO CENTROID in.	:	.186	.044	.163
MIN RADIUS	:	.292	.436	.346
MEAN RADIUS	:	.819	.738	.702
MAX RADIUS	:	1.441	1.133	1.018
HORIZONTAL SPREAD	:	2.506	2.057	1.679
VERTICAL SPREAD	:	1.536	1.536	1.536
EXTREME SPREAD	:	2.576	2.100	1.764
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

1B Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665746

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.105

VS= 3.078

GS= 3.173

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	1.059	1.047
MINIMUM X	:	-1.114	-1.046	-1.058
MAXIMUM Y	:	1.287	1.088	.629
MINIMUM Y	:	-1.791	-.789	-.653
CENTROID X	:	.407	.339	.351
CENTROID Y	:	-.178	.021	-.115
POA TO CENTROID in.	:	.444	.340	.370
MIN RADIUS	:	.309	.131	.225
MEAN RADIUS	:	.914	.766	.729
MAX RADIUS	:	1.891	1.132	1.201
HORIZONTAL SPREAD	:	2.105	2.105	2.105
VERTICAL SPREAD	:	3.078	1.877	1.282
EXTREME SPREAD	:	3.173	2.188	2.188
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	