

Handwritten mark

FORM

UPC



6665693

*INCLUDES 1 IN CHAMBER

MODEL 780 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.

C6665693

ORDER NO.

5716

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

20



5716 C6665693

ORDER 5716

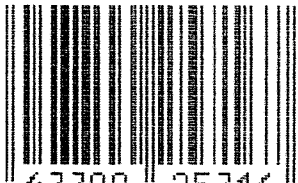
MODEL 700 TM M24

UPC

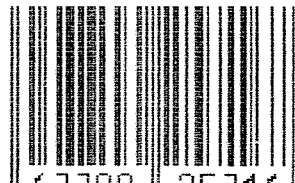
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665693

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	91	RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	JS
617	Drill and Tap Sight Holes	OCT	4 1991	KB
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		10/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/23/91	RW
	C) Inspect Ejector Hole for Chamfer		10/23/91	RW
	D) Oil Firing Pin Ass'y		10/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/23/91	JH
	G) Safety Off Force	3	3	3			10/23/91	JH
	H) Trigger Pull Test & Retainability						10/23/91	JH
	I) Firing Pin Indent	.0215	.0225	.0225			10/23/91	JH
	J) Assemble Stock						10/23/91	RW
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/23/91	RW
	M) Iron Sight Alignment						10/23/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	RW
	O) Attach Scope to Rifle						10/23/91	RW
	P) Detach & Attach Scope 20 Times						10/23/91	RW
640	Gallery Target & Test						10-23-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						10-23-91	N
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	2.30	2.18	2.12	2.13	2.13	10-28-91	DH
	C) Function						10-30-91	AC
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665693

DATE 10/23/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.42	2.22	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.58	2.28	2.18	
PULL #3	2.64	2.20	2.25	2.12	
PULL #4	2.64	2.36	2.38	2.13	
PULL #5	2.66	2.18	2.20	2.13	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.16		
PULL #2	3.43	3.39		
PULL #3	3.15	3.29		
PULL #4	3.45	3.23		
PULL #5	3.37	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.30		4.47
PULL #2	4.44	4.27		4.38
PULL #3	4.28	4.30		4.35
PULL #4	4.35	4.15		4.20
PULL #5	4.35	4.15		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665698
23 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.449855
1 TO 2	.379722
1 TO 3	.6178
1 TO 4	.455703
1 TO 5	.460722

$\bar{x}_1$ (----POB

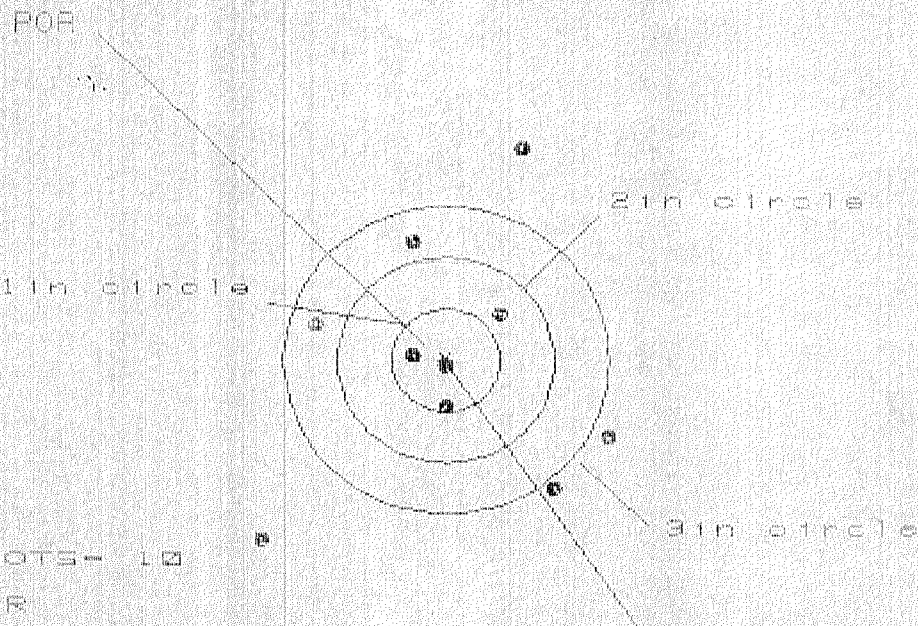
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1548
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199695

THE AMR FOR THIS RIFLE IS: 1.039

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865693

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 6

HS= 3.201

VS= 3.759

GS= 4.468

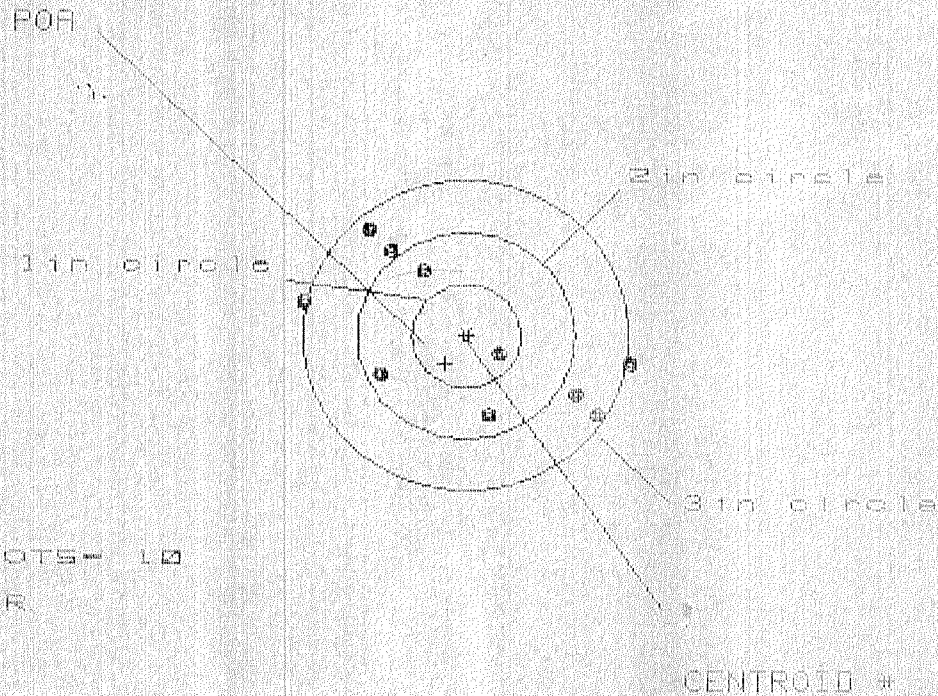
CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.472	1.280	1.342
MINIMUM X	:	-1.729	-1.434	-1.372
MAXIMUM Y	:	2.036	1.845	1.195
MINIMUM Y	:	-1.723	-1.456	-1.226
CENTROID X	:	.004	.196	.134
CENTROID Y	:	.046	.237	.087
POA TO CENTROID in.	:	.046	.308	.134
MIN RADIUS	:	.039	.266	.100
MEAN RADIUS	:	1.179	1.058	.914
MAX RADIUS	:	2.441	1.910	1.501
HORIZONTAL SPREAD	:	3.201	2.714	2.714
VERTICAL SPREAD	:	3.759	3.301	2.421
EXTREME SPREAD	:	4.468	3.315	2.922
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			6	

23 Oct 1991

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CENTERFIRE PATTERNS # 4



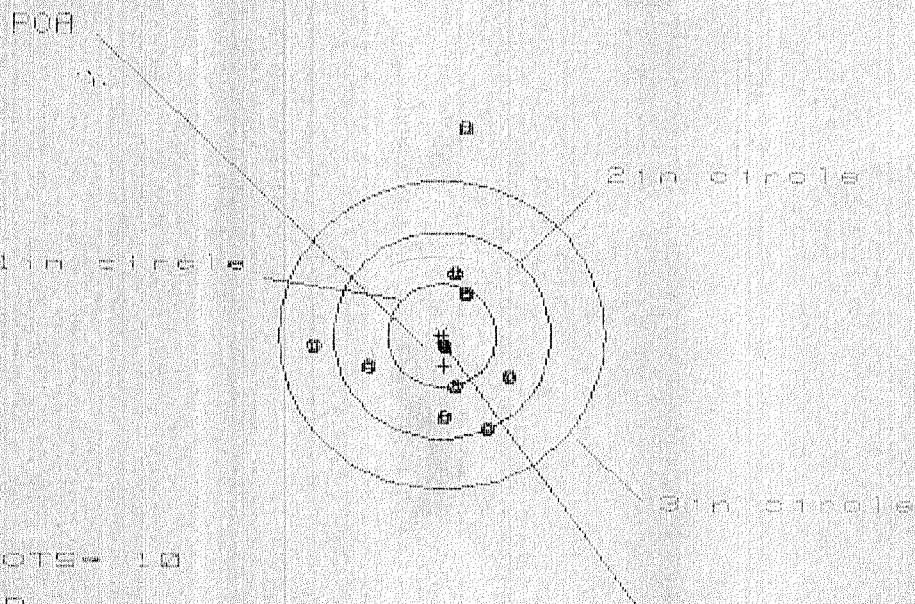
OF SHOTS= 10
 # IN CIR
 1in = 1
 2in = 4
 3in = 8
 HS= 2.995
 VS= 1.803
 GS= 3.048

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.520	1.407	1.244
MINIMUM X	:	-1.474	-1.306	-1.881
MAXIMUM Y	:	1.021	.997	1.037
MINIMUM Y	:	-.782	-.806	-.766
CENTROID X	:	.194	.025	.188
CENTROID Y	:	.266	.290	.250
POA TO CENTROID in.	:	.329	.291	.312
MIN RADIUS	:	.399	.558	.395
MEAN RADIUS	:	1.101	1.042	.993
MAX RADIUS	:	1.536	1.622	1.461
HORIZONTAL SPREAD	:	2.995	2.713	2.125
VERTICAL SPREAD	:	1.803	1.803	1.803
EXTREME SPREAD	:	3.048	2.939	2.787
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6865693

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.860

VS= 2.952

GS= 2.959

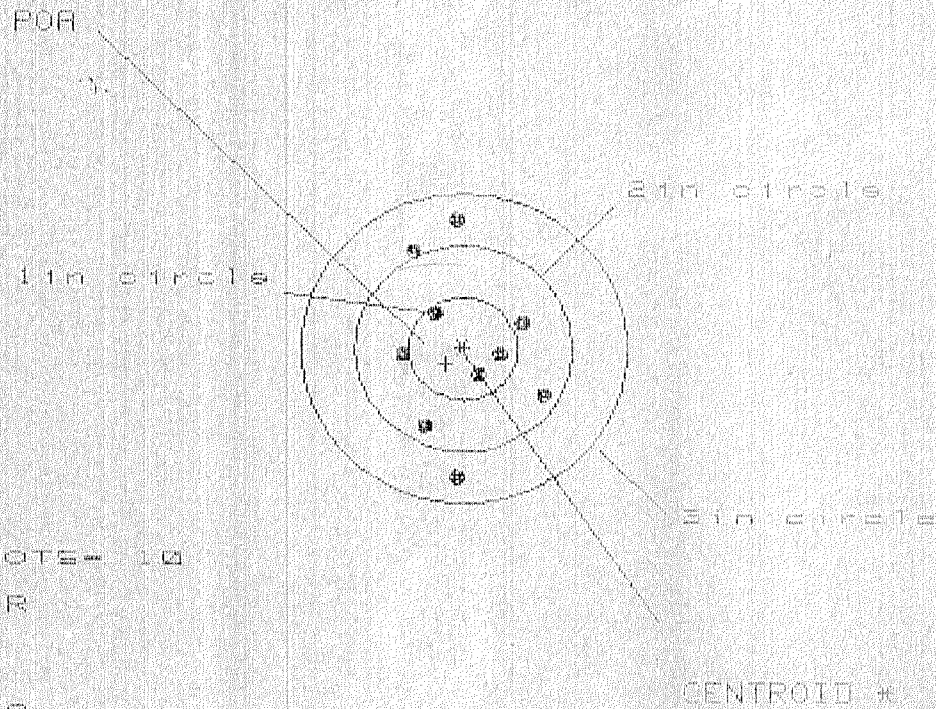
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.665	.693	.545
MINIMUM X	:	-1.215	-1.187	-1.750
MAXIMUM Y	:	2.028	.836	.852
MINIMUM Y	:	-.924	-.699	-.683
CENTROID X	:	-.021	-.049	.099
CENTROID Y	:	.297	.072	.056
POA TO CENTROID in.	:	.298	.087	.114
MIN RADIUS	:	.072	.155	.219
MEAN RADIUS	:	.817	.654	.574
MAX RADIUS	:	2.044	1.194	.853
HORIZONTAL SPREAD	:	1.880	1.880	1.295
VERTICAL SPREAD	:	2.952	1.535	1.535
EXTREME SPREAD	:	2.959	1.900	1.567
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

23 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6565899

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.270

VS = 2.437

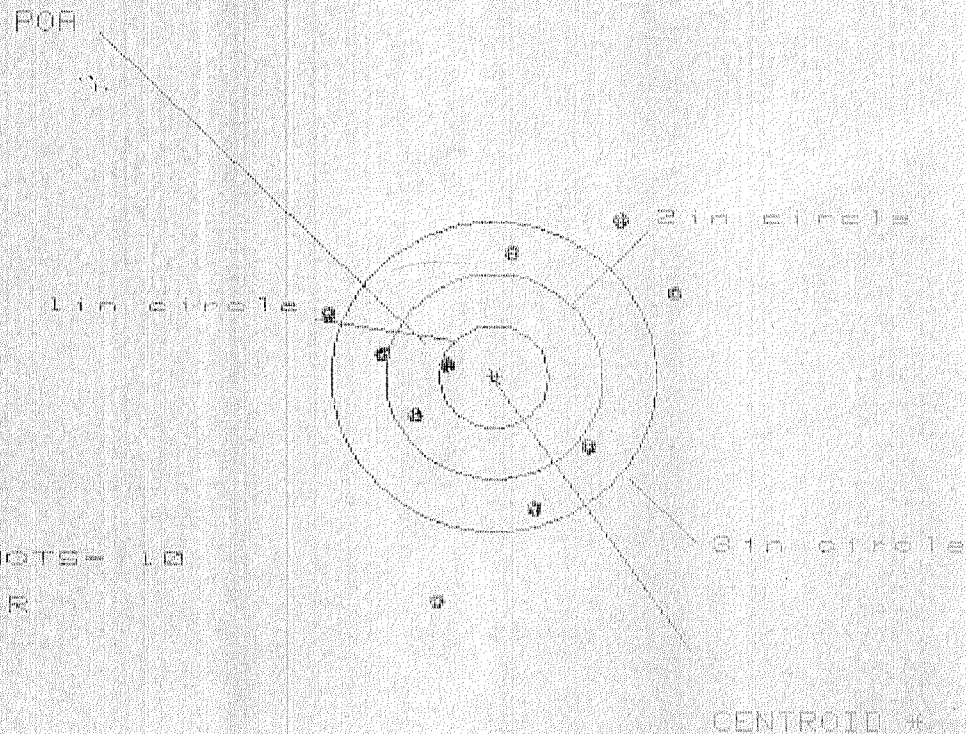
GS = 2.438

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.735	.730
MINIMUM X	:	-.525	-.535	-.540
MAXIMUM Y	:	1.240	1.049	.917
MINIMUM Y	:	-1.197	-1.060	-.773
CENTROID X	:	.163	.173	.178
CENTROID Y	:	.145	.008	.140
PDR TO CENTROID in.	:	.218	.173	.227
MIN RADIUS	:	.308	.199	.295
MEAN RADIUS	:	.744	.675	.623
MAX RADIUS	:	1.243	1.170	1.056
HORIZONTAL SPREAD	:	1.270	1.270	1.270
VERTICAL SPREAD	:	2.437	2.109	1.690
EXTREME SPREAD	:	2.438	2.162	1.838
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

23 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06685693

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS= 3.128

VS= 3.660

GS= 4.028

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.631	1.577	1.720
MINIMUM X	:	-1.497	-1.551	-1.108
MAXIMUM Y	:	1.477	1.234	1.097
MINIMUM Y	:	-2.183	-1.535	-1.380
CENTROID X	:	.433	.487	.344
CENTROID Y	:	-.122	.121	-.034
POA TO CENTROID in.	:	.450	.502	.346
MIN RADIUS	:	.471	.526	.369
MEAN RADIUS	:	1.356	1.253	1.158
MAX RADIUS	:	2.236	1.690	1.881
HORIZONTAL SPREAD	:	3.128	3.128	3.128
VERTICAL SPREAD	:	3.660	2.769	2.477
EXTREME SPREAD	:	4.028	3.140	3.140
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			2	
NUMBER IN THREE INCH CIRCLE =			6	