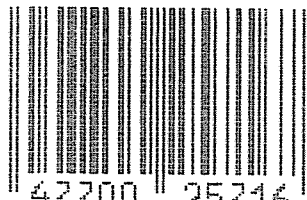


BARBER - M24 0102534

FORM

UPC



0 47700 25716 7

06665788

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

BARBER - M24 0102536

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665788

ORDER NO.
5716

20

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

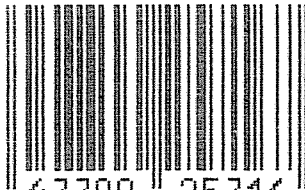


5716 C6665788

ORDER **5716**

MODEL 700 TM M24

UPC

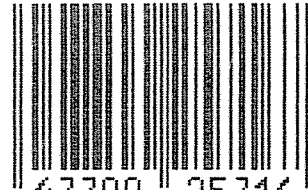


0 47700 25716 7

ORDER **5716**

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665788

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	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	LL
617	Drill and Tap Sight Holes		SEP 30 1991	LB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	TJA
	Apply Coating (Bolt)			
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		10/21/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$			10-22-91	DH
	G) Safety Off Force	2	2	2 $\frac{1}{4}$			10-22-91	DH
	H) Trigger Pull Test & Retainability						10/21/91	SH
	I) Firing Pin Indent	.021	.021	.020			10-22-91	DH
	J) Assemble Stock						10/22/91	RW
	K) Assemble Swivel Studs						10-30-91	Ac
	L) Attach Front and Rear Sight Assemblies						10/24/91	RW
	M) Iron Sight Alignment						10/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/24/91	RW
	O) Attach Scope to Rifle						10/24/91	RW
	P) Detach & Attach Scope 20 Times						10/24/91	RW
640	Gallery Target & Test						10-25-91	DH
	A) Time						10-25-91	DH
	B) Malfunctions						10-25-91	DH
	C) Pierced Primers						10-25-91	DH
	D) Optical Clarity of Scope						10-25-91	DH
645	Inspect for Live Ammo						10-25-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	Ac
	B) Trigger Pull	236	218	227	229	224	10-30-91	DH
	C) Function						10-30-91	Ac
660	Pack						12-20-91	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-6665788

DATE 10/21/91

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.49	2.40	236	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.49	2.48	218	
PULL #3	2.38	2.46	2.43	227	
PULL #4	2.31	2.46	2.45	229	
PULL #5	2.45	2.42	2.44	224	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.21		
PULL #2	3.30	3.27		
PULL #3	3.37	3.49		
PULL #4	3.20	3.48		
PULL #5	3.60	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.42		4.60
PULL #2	4.30	4.41		4.61
PULL #3	4.18	4.35		4.57
PULL #4	4.32	4.53		4.45
PULL #5	4.36	4.48		4.63
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665788
25 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.177902
1 TO 2	.229314
1 TO 3	.446969
1 TO 4	.354133
1 TO 5	.855234

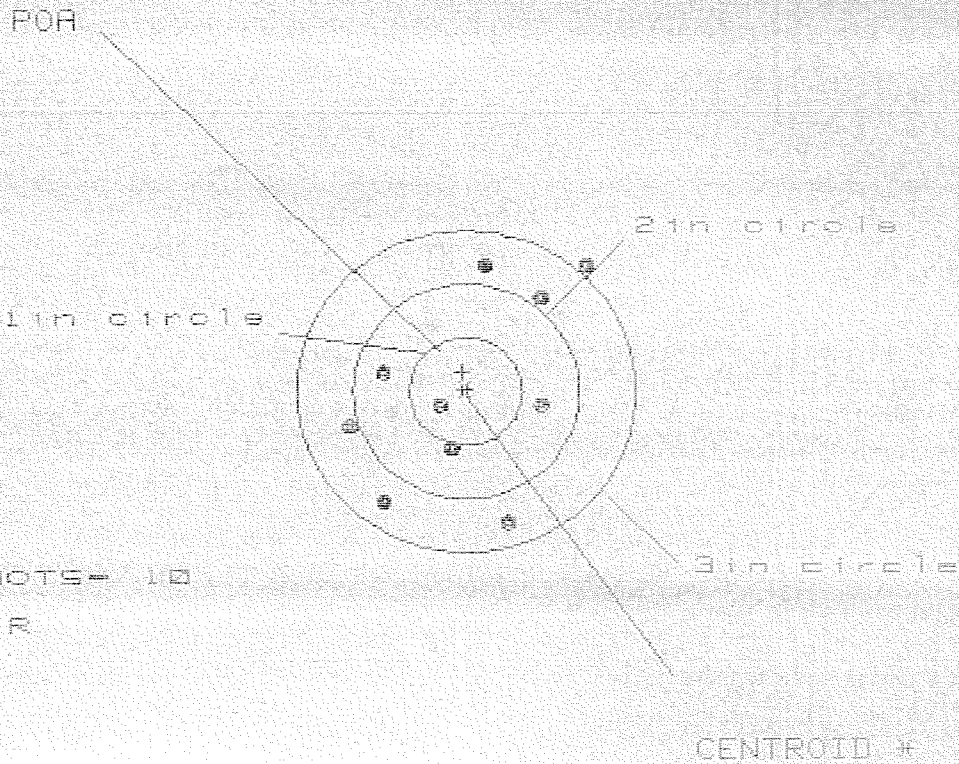
$\frac{5}{3} \frac{1}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3072
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0988
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .322697
THE AMR FOR THIS RIFLE IS: .964

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665708

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.143

VS= 2.410

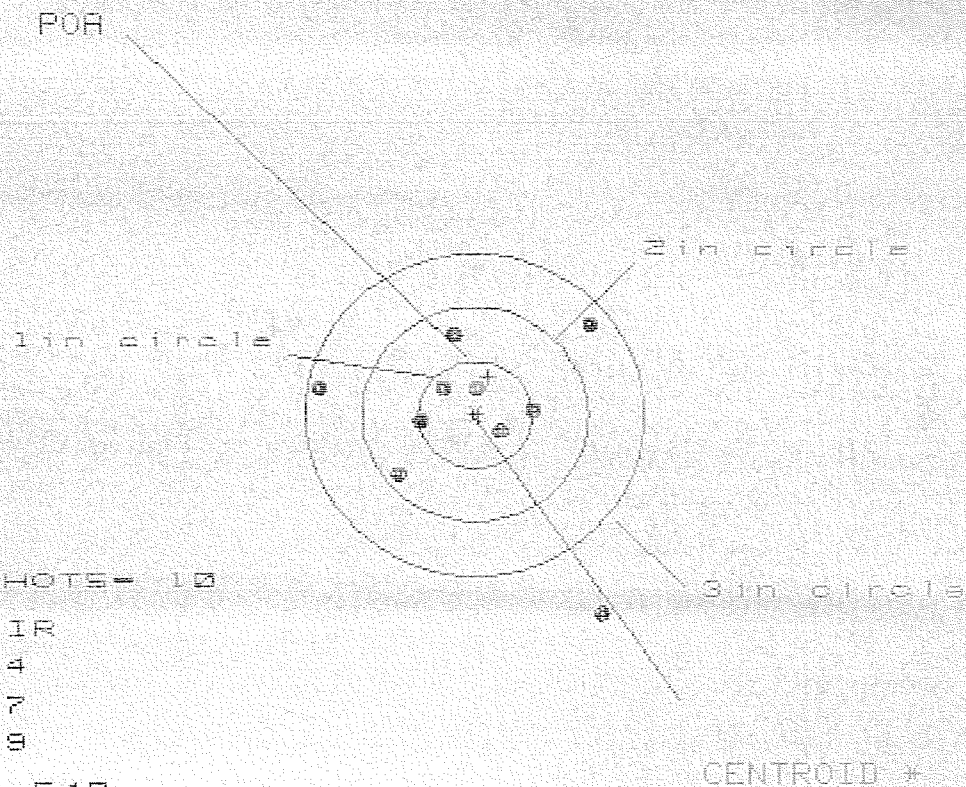
GS= 2.881

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.777	.842
MINIMUM X	:	-1.034	-.911	-.846
MAXIMUM Y	:	1.185	1.316	1.179
MINIMUM Y	:	-1.225	-1.094	-1.045
CENTROID X	:	.032	-.091	-.156
CENTROID Y	:	-.175	-.306	-.169
POA TO CENTROID in.	:	.178	.319	.230
MIN RADIUS	:	.313	.153	.178
MEAN RADIUS	:	.984	.875	.834
MAX RADIUS	:	1.619	1.340	1.221
HORIZONTAL SPREAD	:	2.143	1.688	1.688
VERTICAL SPREAD	:	2.410	2.410	2.224
EXTREME SPREAD	:	2.881	2.425	2.384
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C86657B8

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = 2.549

VS = 2.633

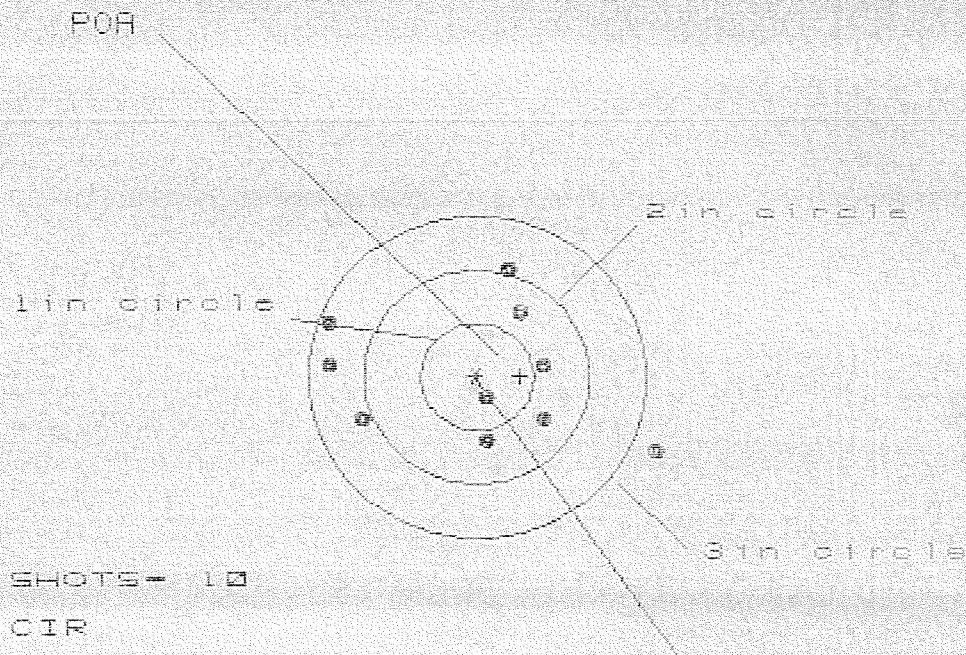
GS = 3.305

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.160	1.176	1.018
MINIMUM X	-1.389	-1.260	-0.745
MAXIMUM Y	.801	.598	.606
MINIMUM Y	-1.832	-0.712	-0.704
CENTROID X	-0.115	-0.244	-0.086
CENTROID Y	-0.351	-0.148	-0.156
POA TO CENTROID in.	.369	.285	.178
MIN RADIUS	.244	.142	.110
MEAN RADIUS	.852	.667	.584
MAX RADIUS	2.168	1.319	1.185
HORIZONTAL SPREAD	2.549	2.436	1.763
VERTICAL SPREAD	2.633	1.310	1.310
EXTREME SPREAD	3.305	2.493	2.196
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

25 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/06665788

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.985

VS = 1.657

GS = 3.166

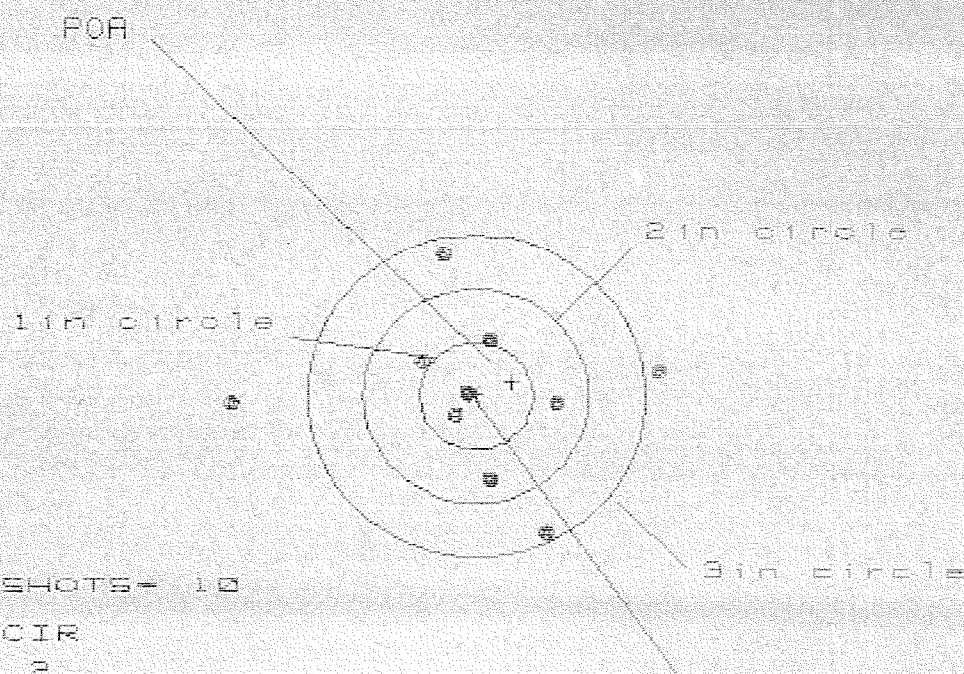
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.621	.804	.660
MINIMUM X	:	-1.364	-1.183	-1.327
MAXIMUM Y	:	.997	.924	.977
MINIMUM Y	:	-.660	-.682	-.629
CENTROID X	:	-.383	-.564	-.420
CENTROID Y	:	-.009	.064	.012
POA TO CENTROID in.	:	.384	.567	.420
MIN RADIUS	:	.200	.375	.238
MEAN RADIUS	:	.949	.883	.799
MAX RADIUS	:	1.750	1.222	1.328
HORIZONTAL SPREAD	:	2.985	1.987	1.987
VERTICAL SPREAD	:	1.657	1.606	1.606
EXTREME SPREAD	:	3.166	2.146	2.040
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

25 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685788

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 3.791

VS = 2.616

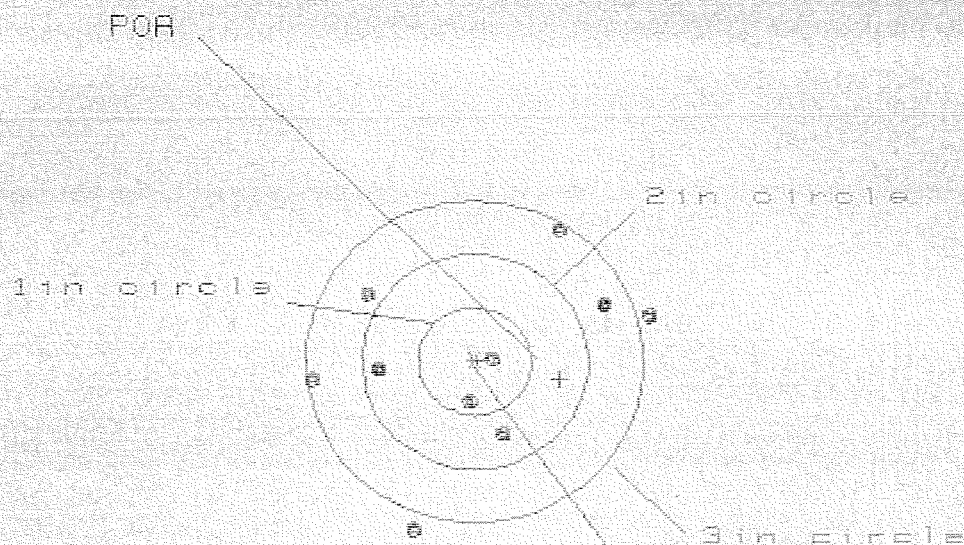
GS = 3.806

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.625	1.385	.627
MINIMUM X	:	-2.166	-.720	-.547
MAXIMUM Y	:	1.349	1.337	1.364
MINIMUM Y	:	-1.267	-1.279	-1.252
CENTROID X	:	-.319	-.079	-.252
CENTROID Y	:	-.128	-.116	-.143
POA TO CENTROID in.	:	.344	.140	.289
MIN RADIUS	:	.132	.366	.201
MEAN RADIUS	:	.967	.849	.741
MAX RADIUS	:	2.169	1.435	1.408
HORIZONTAL SPREAD	:	3.791	2.105	1.174
VERTICAL SPREAD	:	2.616	2.616	2.616
EXTREME SPREAD	:	3.806	2.783	2.783
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

25 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\G6665766

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.965

VS= 2.741

GS= 3.043

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.556
MINIMUM X	-1.409
MAXIMUM Y	1.204
MINIMUM Y	-1.537
CENTROID X	-.751
CENTROID Y	.169
POA TO CENTROID in.	.770
MIN RADIUS	.154
MEAN RADIUS	1.068
MAX RADIUS	1.648
HORIZONTAL SPREAD	2.965
VERTICAL SPREAD	2.741
EXTREME SPREAD	3.043
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8