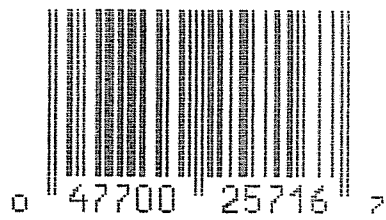


BARBER - M24 0102437

FORM

UPC



06665780

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

BARBER - M24 0102439

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665780

ORDER NO.

5716

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

20

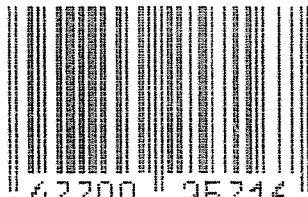


5716 C6665780

ORDER 5716

MODEL 700 TM M24

UPC

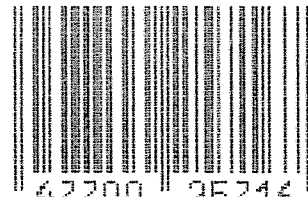


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665780

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KH
600	Proof		9/24/91	KH
607	Check Headspace		9/24/91	KH
610	Dis-assemble Gun		9/24/91	KH
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	LB
618	Polish Barrel		SEP 30 1991	WB
620	Apply Coatings (Barrel Action)		10-2-91	JS
	Apply Coating (Bolt)		10-2-91	JS
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KH
	C) Inspect Ejector Hole for Chamfer		10/9/91	KH
	D) Oil Firing Pin Ass'y		10/9/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/91	JS

BARBER - M24 0102441

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/11/91	SK
	G) Safety Off Force	3	3	3			10/11/91	SK
	H) Trigger Pull Test & Retainability						10/11/91	SK
	I) Firing Pin Indent	10215	1021	10215			10/11/91	SK
	J) Assemble Stock						10/15/91	SK
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/15/91	SK
	M) Iron Sight Alignment						10/15/91	SK
	N) Detach Front & Rear Sights & place in numbered container						10/15/91	SK
	O) Attach Scope to Rifle						10/15/91	SK
	P) Detach & Attach Scope 20 Times						10/15/91	SK
640	Gallery Target & Test						10/17/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						10/17/91	KT
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	244	259	259	271	261	10-18-91	D/H
	C) Function						10-22-91	AC
660	Pack						12-18-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665780

DATE 10/11/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.42	2.46	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.19	2.40	2.59	
PULL #3	2.54	2.48	2.45	2.59	
PULL #4	2.53	2.46	2.48	2.71	
PULL #5	2.45	2.42	2.48	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.26		
PULL #2	3.40	3.45		
PULL #3	3.36	3.23		
PULL #4	3.25	3.46		
PULL #5	3.47	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.60	4.41		4.40
PULL #2	4.42	4.40		4.28
PULL #3	4.36	4.18		4.20
PULL #4	4.38	4.34		4.44
PULL #5	4.23	4.34		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665780
18 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0955249
1 TO	2	.382845
1 TO	3	.085276
1 TO	4	.388734
1 TO	5	.269468

54
e (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.116
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.04
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122703
THE AMR FOR THIS RIFLE IS: .8698

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08605780

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID +

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.966

VS= 1.372

GS= 2.295

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.906	.995	.873
MINIMUM X	-1.060	-.971	-.799
MAXIMUM Y	.867	.752	.703
MINIMUM Y	-.505	-.408	-.457
CENTROID X	-.010	-.099	.023
CENTROID Y	.095	-.002	.047
POA TO CENTROID in.	.095	.099	.052
MIN RADIUS	.154	.104	.111
MEAN RADIUS	.766	.704	.657
MAX RADIUS	1.177	1.046	.925
HORIZONTAL SPREAD	1.966	1.966	1.672
VERTICAL SPREAD	1.372	1.160	1.160
EXTREME SPREAD	2.295	1.970	1.839
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6605700

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.180

VS= 1.841

GS= 2.624

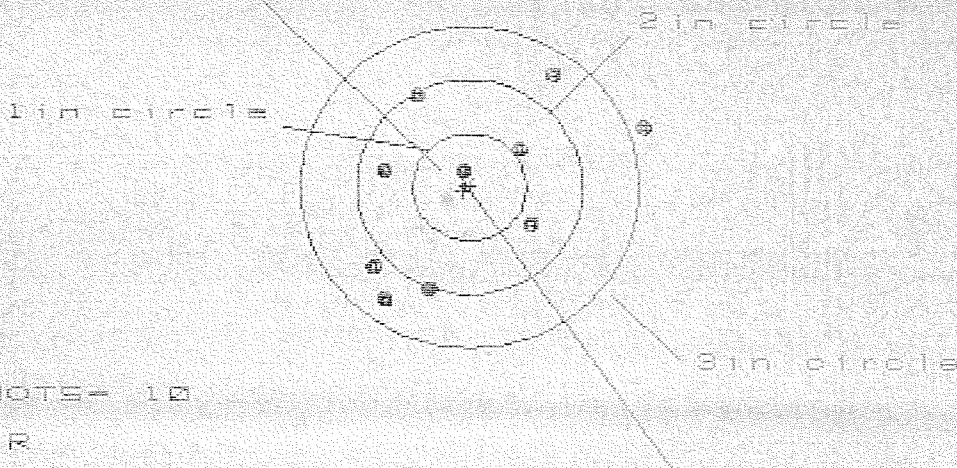
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	.954	.850
MINIMUM X	:	-.963	-.827	-.807
MAXIMUM Y	:	.923	1.009	.935
MINIMUM Y	:	-.918	-.832	-.906
CENTROID X	:	-.119	-.255	-.151
CENTROID Y	:	-.272	-.358	-.284
POA TO CENTROID in.	:	.297	.440	.322
MIN RADIUS	:	.265	.406	.296
MEAN RADIUS	:	.822	.757	.702
MAX RADIUS	:	1.447	1.078	.955
HORIZONTAL SPREAD	:	2.180	1.781	1.657
VERTICAL SPREAD	:	1.841	1.841	1.841
EXTREME SPREAD	:	2.624	2.091	1.880
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865760

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.435

VS= 2.096

GS= 2.776

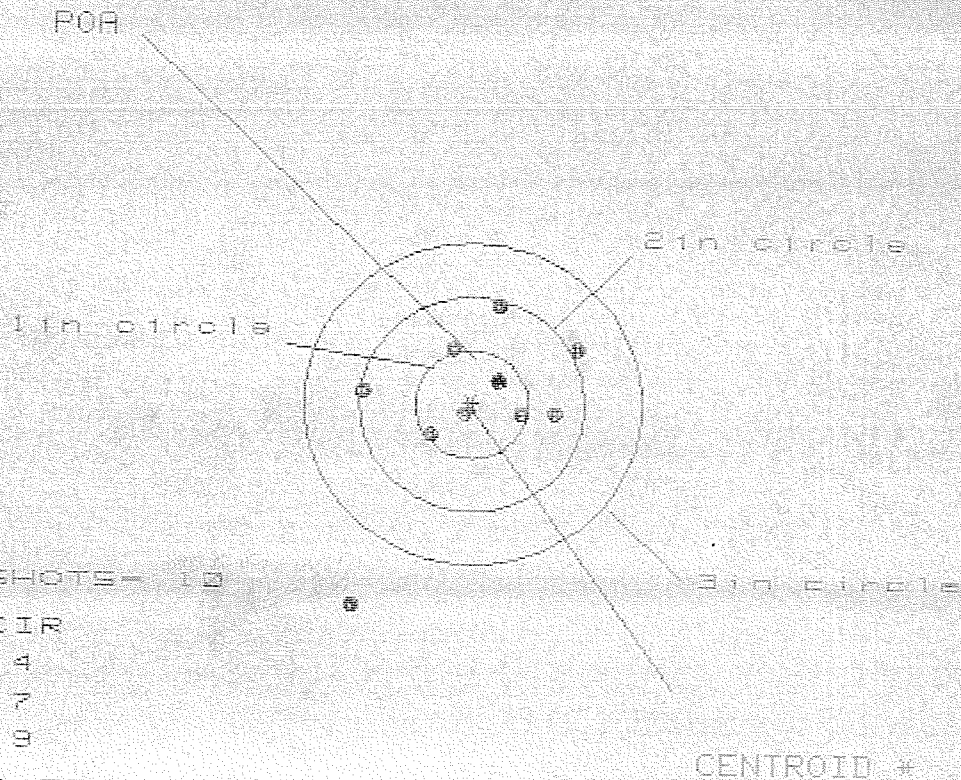
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.551	.927	.818
MINIMUM X	-.884	-.711	-.596
MAXIMUM Y	1.055	1.112	1.077
MINIMUM Y	-1.041	-.984	-.845
CENTROID X	.056	-.117	-.232
CENTROID Y	.041	-.016	-.155
POA TO CENTROID in.	.069	.118	.280
MIN RADIUS	.136	.206	.386
MEAN RADIUS	.941	.858	.783
MAX RADIUS	1.635	1.448	1.091
HORIZONTAL SPREAD	2.435	1.638	1.414
VERTICAL SPREAD	2.096	2.096	1.922
EXTREME SPREAD	2.776	2.578	1.943
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

LB Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685780

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.034

VS= 2.792

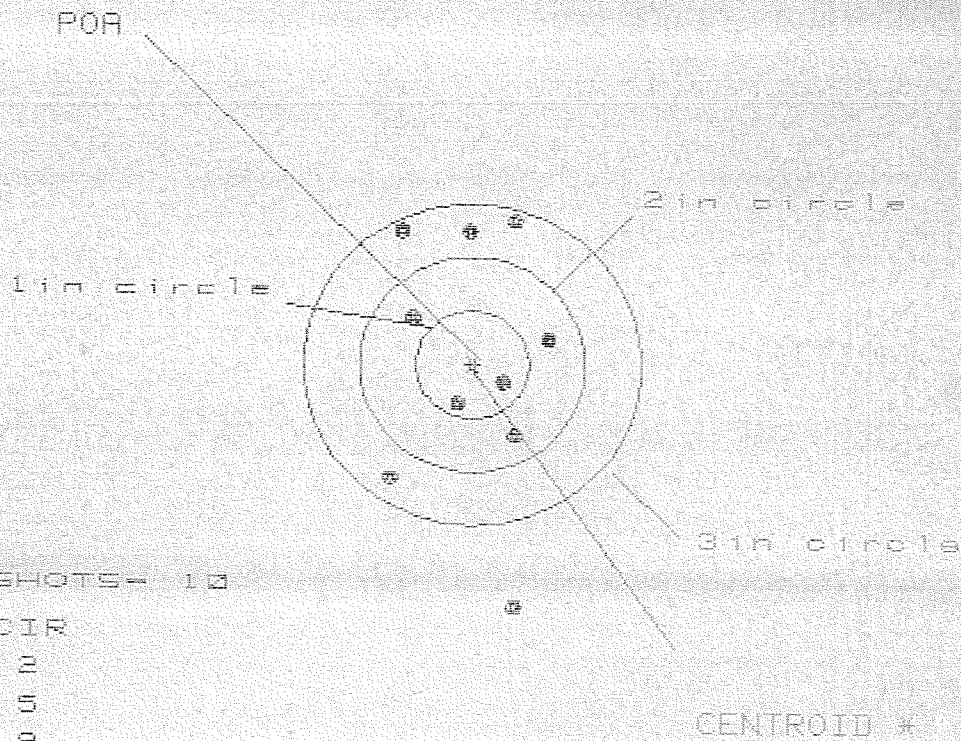
GS= 3.101

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.963	.844	.682
MINIMUM X	-1.071	-1.091	-.986
MAXIMUM Y	.964	.761	.795
MINIMUM Y	-1.828	-.529	-.495
CENTROID X	-.235	-.116	-.221
CENTROID Y	-.222	-.019	-.053
POA TO CENTROID in.	.323	.117	.228
MIN RADIUS	.058	.108	.219
MEAN RADIUS	.769	.590	.556
MAX RADIUS	2.118	1.095	.987
HORIZONTAL SPREAD	2.034	1.935	1.668
VERTICAL SPREAD	2.792	1.290	1.290
EXTREME SPREAD	3.101	1.969	1.675
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665760

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.404

VS= 3.544

GS= 3.638

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.627	.667	.598
MINIMUM X	-.777	-.737	-.806
MAXIMUM Y	1.308	1.060	1.188
MINIMUM Y	-2.236	-1.293	-1.165
CENTROID X	-.272	-.312	-.243
CENTROID Y	.158	.406	.278
POA TO CENTROID in.	.314	.512	.369
MIN RADIUS	.354	.549	.408
MEAN RADIUS	1.051	.916	.861
MAX RADIUS	2.264	1.489	1.416
HORIZONTAL SPREAD	1.404	1.404	1.404
VERTICAL SPREAD	3.544	2.353	2.353
EXTREME SPREAD	3.638	2.633	2.633
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		