

FORM

UPC



0 47700 25716 7

C6665816

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

BARBER - M24 0102907

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665816

ORDER NO.

5716

20

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



5716 C6665816

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665816

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	GLL
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/2-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KA
	C) Inspect Ejector Hole for Chamfer		12/3/91	KA
	D) Oil Firing Pin Ass'y		12/3/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-6-91	KA

op. #	BARBER - M24 0102909 OFF NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12-6-91	JK
	G) Safety Off Force	3	3	3			12-6-91	JK
	H) Trigger Pull Test & Retainability						12-6-91	JK
	I) Firing Pin Indent	.021	.021	.021			12-6-91	JK
	J) Assemble Stock						12/6/91	JK
	K) Assemble Swivel Studs						12-7-91	DH
	L) Attach Front and Rear Sight Assemblies						12/6/91	JK
	M) Iron Sight Alignment						12/6/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/6/91	JK
	O) Attach Scope to Rifle						12/6/91	JK
	P) Detach & Attach Scope 20 Times						12/6/91	JK
640	Gallery Target & Test						12-6-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-6-91	NF
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	269	270	275	281	270	12-7-91	DH
	C) Function						12-7-91	DH
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665816

DATE 12-6-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.44	2.30	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.52	2.51	2.70	
PULL #3	2.31	2.54	2.54	2.75	
PULL #4	2.34	2.50	2.44	2.81	
PULL #5	2.47	2.36	2.45	2.70	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.40		
PULL #2	3.54	3.41		
PULL #3	3.51	3.39		
PULL #4	3.56	3.56		
PULL #5	3.48	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.31		4.38
PULL #2	4.62	4.31		4.32
PULL #3	4.61	4.33		4.25
PULL #4	4.35	4.49		4.41
PULL #5	4.25	4.35		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665816
6 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.453485
1 TO	2	.654899
1 TO	3	.567847
1 TO	4	.397549
1 TO	5	.264201

2.4 ←---FOR
51

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.157
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .157623
THE AMR FOR THIS RIFLE IS: 1.005

Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665816

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

RS = 4.536

VS = 2.241

CS = 4.864

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.264	1.080	.827
MINIMUM X	-2.272	-2.021	-.441
MAXIMUM Y	1.167	1.284	1.210
MINIMUM Y	-1.074	-.957	-1.031
CENTROID X	.200	-.051	.201
CENTROID Y	-.407	-.524	-.450
POA TO CENTROID in.	.454	.526	.493
1IN RADIUS	.086	.200	.094
2IN RADIUS	1.066	.892	.726
3IN RADIUS	2.495	2.106	1.466
HORIZONTAL SPREAD	4.536	3.101	1.269
VERTICAL SPREAD	2.241	2.241	2.241
EXTREME SPREAD	4.864	3.624	2.497
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6885816

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS-- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.556

VS= 3.035

GS= 3.141

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.996	1.009	.815
MINIMUM X	:	-1.560	-1.547	-.506
MAXIMUM Y	:	1.757	1.250	1.324
MINIMUM Y	:	-1.277	-1.082	-1.008
CENTROID X	:	-.061	-.074	.120
CENTROID Y	:	-.366	-.561	-.635
POA TO CENTROID in.	:	.371	.566	.646
MIN RADIUS	:	.339	.162	.121
MEAN RADIUS	:	1.013	.906	.812
MAX RADIUS	:	1.761	1.656	1.324
HORIZONTAL SPREAD	:	2.556	2.556	1.321
VERTICAL SPREAD	:	3.035	2.332	2.332
EXTREME SPREAD	:	3.141	3.044	2.466
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

8 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685816

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 3

2in - 4

3in = 7

HS- 2.761

VS= 3.048

GS= 3.201

CENTROID #

PATTERN #

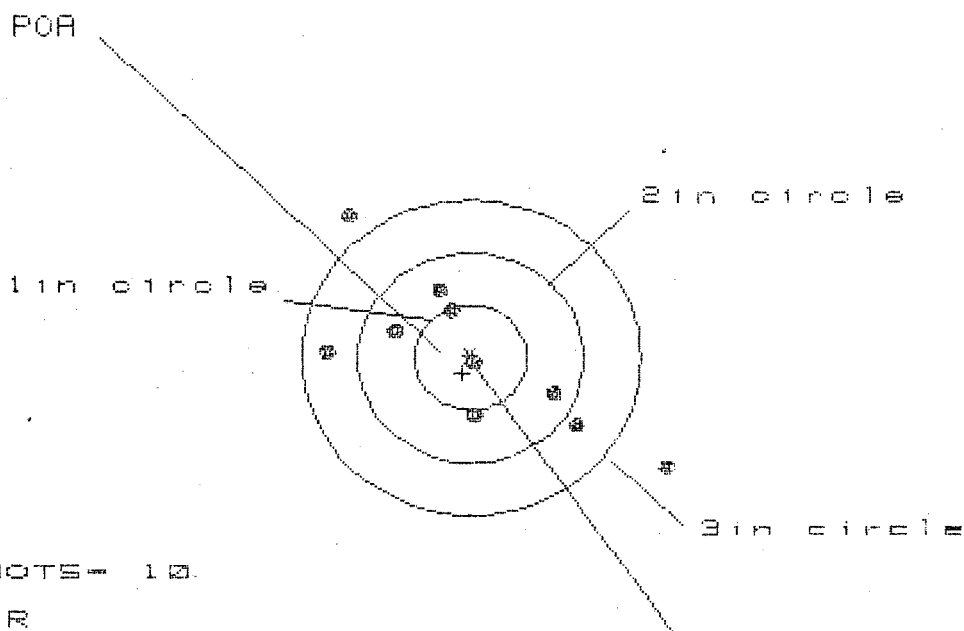
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.205	1.033	1.034
MINIMUM X	:	-1.556	-1.393	-1.392
MAXIMUM Y	:	1.758	1.655	1.045
MINIMUM Y	:	-1.290	-1.393	-1.186
CENTROID X	:	.118	.290	.289
CENTROID Y	:	-.018	.085	-.122
POA TO CENTROID in.	:	.119	.303	.314
MIN RADIUS	:	.194	.054	.155
MEAN RADIUS	:	1.061	.960	.855
MAX RADIUS	:	1.812	1.655	1.740
HORIZONTAL SPREAD	:	2.761	2.426	2.426
VERTICAL SPREAD	:	3.048	3.048	2.231
EXTREME SPREAD	:	3.201	3.051	2.716
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C65653816

CENTERFIRE PATTERNS # 3



OF SHOTS- 10.

IN CIR

1 in - 2

2 in - 6

3 in - 8

HS= 3.059

VS= 2.375

CS= 3.741

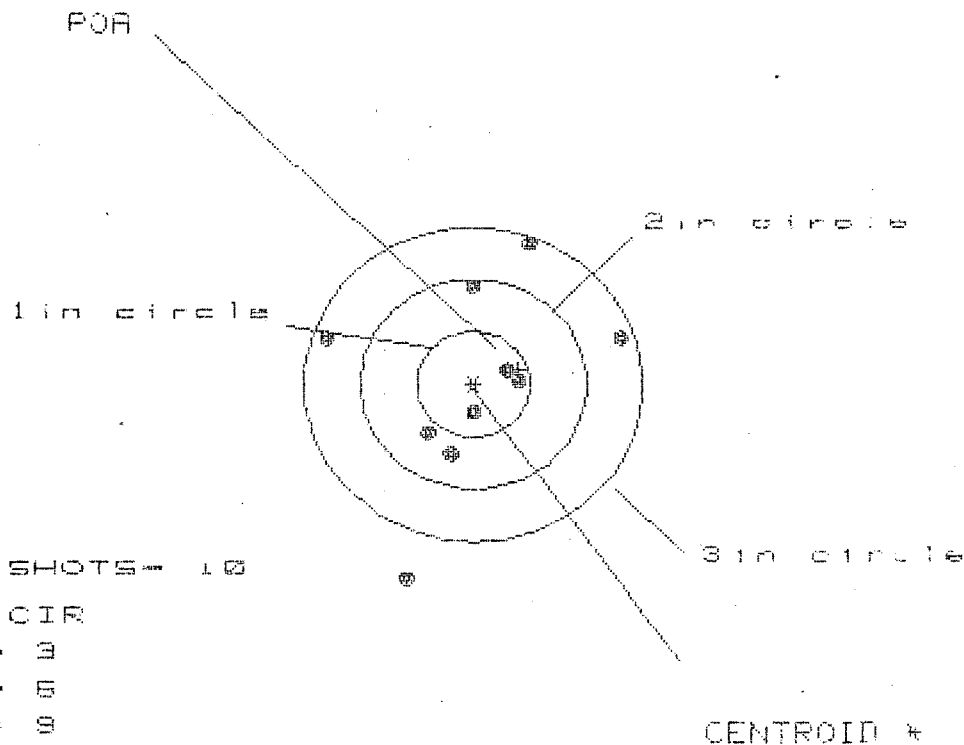
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.773	1.129	1.014
MINIMUM X	-1.286	-1.090	-1.205
MAXIMUM Y	1.321	1.204	.658
MINIMUM Y	-1.054	-.768	-.618
CENTROID X	.071	-.125	-.010
CENTROID Y	.146	.263	.113
POA TO CENTROID in.	.163	.291	.113
MIN RADIUS	.049	.277	.119
MEAN RADIUS	.947	.812	.714
MAX RADIUS	2.062	1.516	1.210
HORIZONTAL SPREAD	3.059	2.219	2.219
VERTICAL SPREAD	2.375	1.972	1.276
EXTREME SPREAD	3.741	2.845	2.337
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB65818

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

MS = 2.535

VS = 3.230

GS = 3.434

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.277
MINIMUM X	-1.258
MAXIMUM Y	1.363
MINIMUM Y	-1.867
CENTROID X	-.398
CENTROID Y	-.140
POA TO CENTROID in.	.422
MIN RADIUS	.248
MEAN RADIUS	.938
MA RADIUS	1.969
HORIZONTAL SPREAD	2.535
VERTICAL SPREAD	3.230
EXTREME SPREAD	3.434
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9