

BARBER - M24 0104871

FORM

UPC



0 47700 25716 7

C6666001

CAPACITY*
*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

MODEL 700 TM M24

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24**

SERIAL NO.

C6666001

ORDER NO.

5716

20

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



5716 C6666001

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

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MOD. _____ GA. CAL. _____ GUN # 6001

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
NF	1st	Trig. Creep + Hard Safe	KS
	11/19		
	2nd	Repaired KS.	
	3/11/91		
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666001

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KL
600	Proof		9/30/91	KL
607	Check Headspace		9/30/91	KL
610	Dis-assemble Gun		9/30/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GB
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	JA
	Apply Coating (Bolt)		11/1/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	KL
	C) Inspect Ejector Hole for Chamfer		11/12/91	KL
	D) Oil Firing Pin Ass'y		11/12/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	JA

op. #	OP NAME BARBER - M24 0104877	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			11-13-91	GU
	G) Safety Off Force	3	3	3			11-13-91	GU
	H) Trigger Pull Test & Retainability						11-13-91	GU
	I) Firing Pin Indent	.020	.020	.020			11-13-91	GU
	J) Assemble Stock						11/13/91	GU
	K) Assemble Swivel Studs						12-12-91	GU
	L) Attach Front and Rear Sight Assemblies						11/13/91	GU
	M) Iron Sight Alignment						11/13/91	GU
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	GU
	O) Attach Scope to Rifle						11/13/91	GU
	P) Detach & Attach Scope 20 Times						11/13/91	GU
640	Gallery Target & Test						11-19-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11-19-91	NF
655	Final Inspection							
	A) Headspace						12-12-91	GU
	B) Trigger Pull	2.76	2.81	2.82	2.84	2.84	11-20-91	GU
	C) Function						12-12-91	GU
660	Pack						12-20-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#SERIAL NO. C-6666001DATE 11-13-91TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.33	2.50	276	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.36	2.55	281	
PULL #3	2.41	2.42	2.40	282	
PULL #4	2.34	2.46	2.44	284	
PULL #5	2.40	2.46	4.49	284	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.30		
PULL #2	3.48	3.33		
PULL #3	3.44	3.49		
PULL #4	3.50	3.55		
PULL #5	3.55	3.56		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.54		4.49
PULL #2	4.38	4.54		4.59
PULL #3	4.60	4.44		4.34
PULL #4	4.61	4.58		4.58
PULL #5	4.52	4.39		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666001
20 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.169853
1 TO	2	.134462
1 TO	3	.224876
1 TO	4	.196705
1 TO	5	.397847

$\frac{5}{12}$ <----PDR

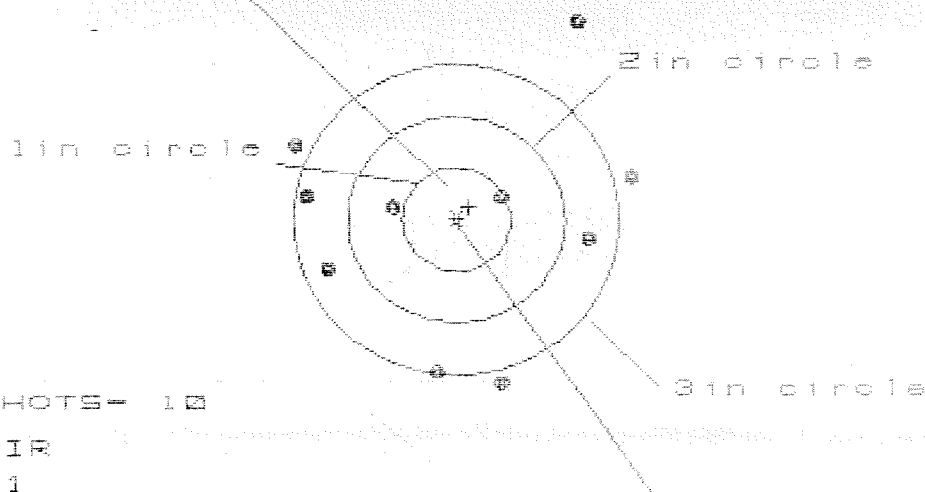
Y-COORDINATE FOR THIS RIFLE IS: -.0672
X-COORDINATE FOR THIS RIFLE IS: -.0056
AVERAGE PDI RADIUS FOR THIS RIFLE IS: .0674329
PDI FOR THIS RIFLE IS: 1.171

22 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666001

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 6

HS= 3.103

VS= 3.475

CS= 3.619

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.624	1.747	1.544
MINIMUM X	:	-1.479	-1.356	-1.137
MAXIMUM Y	:	1.923	.971	1.046
MINIMUM Y	:	-1.552	-1.338	-1.263
CENTROID X	:	-.115	-.238	-.457
CENTROID Y	:	-.125	-.339	-.414
FOR TO CENTROID in.	:	.170	.414	.616
MIN RADIUS	:	.475	.527	.442
MEAN RADIUS	:	1.351	1.239	1.137
MAX RADIUS	:	2.219	1.848	1.549
HORIZONTAL SPREAD	:	3.103	3.103	2.681
VERTICAL SPREAD	:	3.475	2.309	2.309
EXTREME SPREAD	:	3.619	3.125	2.978
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	6		

28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6660001

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.576

VS = 3.092

GS = 3.103

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.449	1.417	1.410
MINIMUM X	:	-1.127	-1.159	-1.166
MAXIMUM Y	:	1.556	1.246	1.076
MINIMUM Y	:	-1.536	-1.363	-.568
CENTROID X	:	.001	.033	.040
CENTROID Y	:	-.057	-.230	-.060
POA TO CENTROID in.	:	.057	.232	.072
MIN RADIUS	:	.435	.563	.424
MEAN RADIUS	:	1.092	1.025	.974
MAX RADIUS	:	1.583	1.651	1.532
HORIZONTAL SPREAD	:	2.576	2.576	2.576
VERTICAL SPREAD	:	3.092	2.609	1.644
EXTREME SPREAD	:	3.103	2.804	2.761
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08666001

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

CENTROID #

HS = 2.368

VS = 3.474

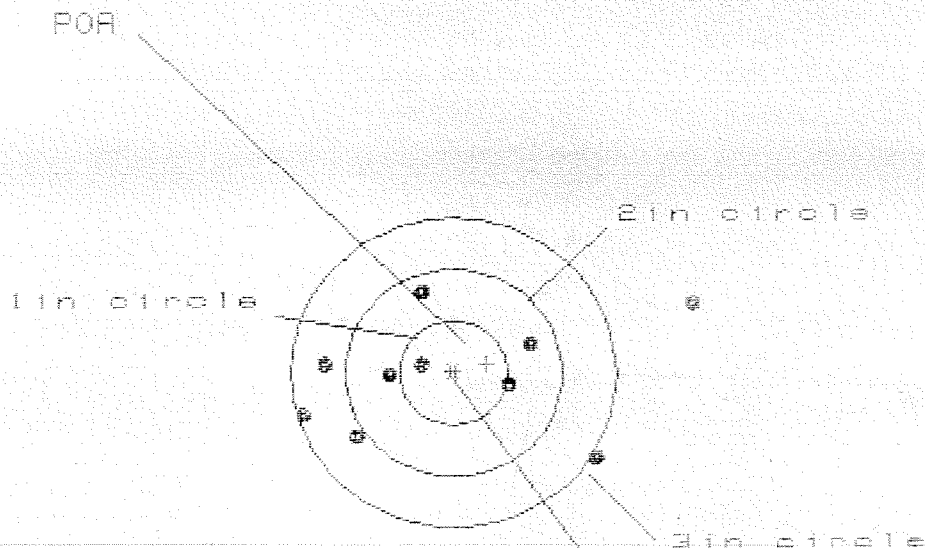
GS = 3.688

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.091	.950	.778
MINIMUM X	-1.276	-1.370	-1.486
MAXIMUM Y	1.795	1.701	1.516
MINIMUM Y	-1.679	-1.479	-1.224
CENTROID X	.080	.222	.394
CENTROID Y	-.013	-.213	-.028
POA TO CENTROID in.	.082	.308	.395
MIN RADIUS	.493	.620	.484
MEAN RADIUS	1.266	1.138	.983
MAX RADIUS	2.203	2.016	1.520
HORIZONTAL SPREAD	2.368	2.320	2.264
VERTICAL SPREAD	3.474	3.180	2.740
EXTREME SPREAD	3.688	3.485	2.810
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

28 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.513

VS= 1.560

GS= 3.693

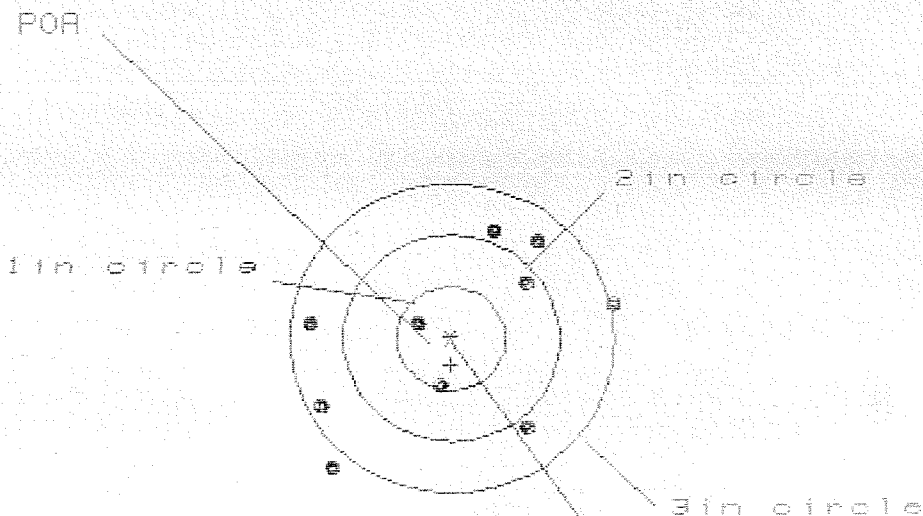
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.165	1.544	1.140
MINIMUM X	:	-1.348	-1.108	-.915
MAXIMUM Y	:	.761	.841	.751
MINIMUM Y	:	-.799	-.719	-.577
CENTROID X	:	-.308	-.548	-.741
CENTROID Y	:	-.087	-.167	-.077
POA TO CENTROID in.	:	.320	.573	.746
MIN RADIUS	:	.247	.127	.167
MEAN RADIUS	:	1.044	.862	.723
MAX RADIUS	:	2.283	1.704	1.167
HORIZONTAL SPREAD	:	3.513	2.652	2.055
VERTICAL SPREAD	:	1.560	1.560	1.328
EXTREME SPREAD	:	3.693	2.707	2.153
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

20 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 8

HS = 2.834

VS = 2.315

GS = 3.048

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.486	1.362	.841
MINIMUM X	-1.349	-1.472	-1.302
MAXIMUM Y	1.054	.914	.938
MINIMUM Y	-1.261	-.957	-.933
CENTROID X	.006	.129	-.041
CENTROID Y	.254	.394	.370
POA TO CENTROID in.	.254	.415	.372
MIN RADIUS	.310	.390	.223
MEAN RADIUS	1.101	1.025	.969
MAX RADIUS	1.681	1.562	1.400
HORIZONTAL SPREAD	2.834	2.834	2.143
VERTICAL SPREAD	2.315	1.871	1.871
EXTREME SPREAD	3.048	2.889	2.539
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		