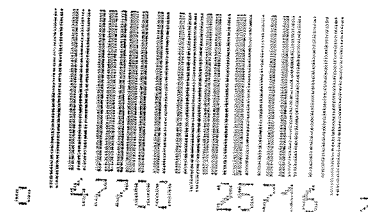


Smith's®

FORM

UPC



06665887

INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARBER I ENOTU

MODEL 700 TM M24

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665887

ORDER NO.

5716

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

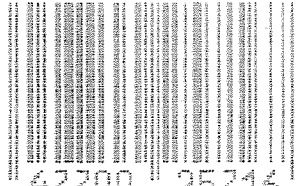


5716 C6665887

ORDER 5716

MODEL 700TM M24

UPC

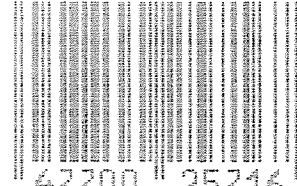


0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665887

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
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		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		12/9/91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KL
	C) Inspect Ejector Hole for Chamfer		10/9/91	KL
	D) Oil Firing Pin Ass'y		10/9/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/91	KL

op. BARBER - M240103694		READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			10-10-91	AC
	G) Safety Off Force	4	4	3			10-10-91	AC
	H) Trigger Pull Test & Retainability						10/10/91	DEL
	I) Firing Pin Indent	.020	.020	.020			10-10-91	AC
	J) Assemble Stock						10/10/91	YH
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/10/91	YH
	M) Iron Sight Alignment						10/10/91	YH
	N) Detach Front & Rear Sights & place in numbered container						10/10/91	YH
	O) Attach Scope to Rifle						10/10/91	YH
	P) Detach & Attach Scope 20 Times						10/10/91	YH
640	Gallery Target & Test						10-15-91	AC
	A) Time						10-15-91	AC
	B) Malfunctions						10-15-91	AC
	C) Pierced Primers						10-15-91	AC
	D) Optical Clarity of Scope						10-15-91	AC
645	Inspect for Live Ammo						10-15-91	AC
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	268	266	270	270	254	10-15-91	YH
	C) Function						10-17-91	AC
660	Pack						12-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6665887DATE 10/10/91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.20	2.30	268	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.26	2.28	266	
PULL #3	2.37	2.45	2.35	270	
PULL #4	2.36	2.42	2.44	270	
PULL #5	2.29	2.35	2.40	254	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.37		
PULL #2	3.36	3.34		
PULL #3	3.35	3.28		
PULL #4	3.36	3.44		
PULL #5	3.31	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.27		4.40
PULL #2	4.40	4.20		4.20
PULL #3	4.49	4.47		4.48
PULL #4	4.29	4.49		4.53
PULL #5	4.44	4.51		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665887
15 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.244092
1 TO 2	.605212
1 TO 3	.615196
1 TO 4	.320141
1 TO 5	.427994

43 -----FOR

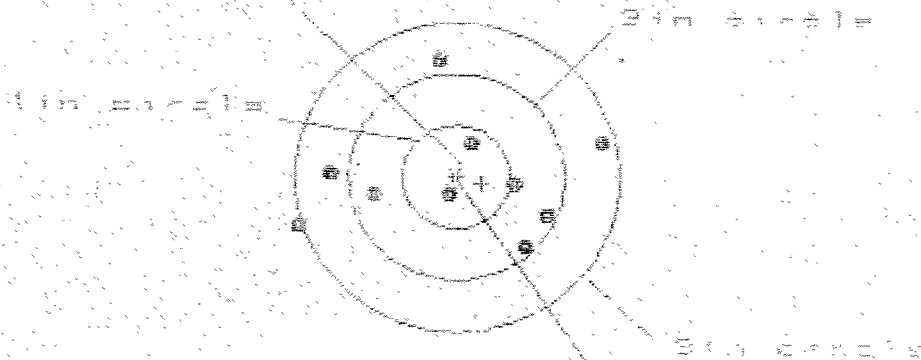
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1958
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.882
THE RESULTING AVERAGE 101 RADIOS FOR THIS RIFLE IS: .09515
THE AOR FOR THIS RIFLE IS: .8472

15 Oct 1991

FILE: PATTERNING/CENTERFIRE PATT/C805382

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 12

IN CIR

1 in = 2

2 in = 6

3 in = 12

ME = 2.761

VE = 1.787

GE = 2.883

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	6
MAXIMUM X	1.326	1.173	1.357
MINIMUM X	-1.425	-1.275	-1.128
MAXIMUM Y	1.165	1.114	1.153
MINIMUM Y	-1.622	-1.673	-1.624
CENTROID X	-.203	-.077	-.224
CENTROID Y	.066	.117	.076
FOR TO CENTROID in.	.244	.140	.037
MIN RADIUS	.289	.297	.324
MEAN RADIUS	.839	.806	.750
MAX RADIUS	1.508	1.275	1.163
HORIZONTAL SPREAD	2.761	2.453	1.985
VERTICAL SPREAD	1.787	1.787	1.757
EXTREME SPREAD	2.883	2.474	2.035
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	10	10	10

15 Oct 1991

FILE: PATTERNING/CENTERFIRE_PAT:0665887

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.005

VS = 1.789

GS = 2.387

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.061	.956	1.053
MINIMUM X	-.944	-.916	-.819
MAXIMUM Y	.935	.706	.639
MINIMUM Y	-.954	-.861	-.928
CENTROID X	.378	.475	.378
CENTROID Y	.050	-.043	.034
POB TO CENTROID (in)	.373	.477	.373
MIN RADIUS	.440	.446	.448
MEAN RADIUS	.855	.807	.771
MAX RADIUS	1.260	1.014	1.035
HORIZONTAL SPREAD	2.005	1.872	1.872
VERTICAL SPREAD	1.789	1.567	1.567
EXTREME SPREAD	2.387	2.005	2.005
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

15 OCT 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08865827

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS = 0.237

VS = 0.241

GS = 0.275

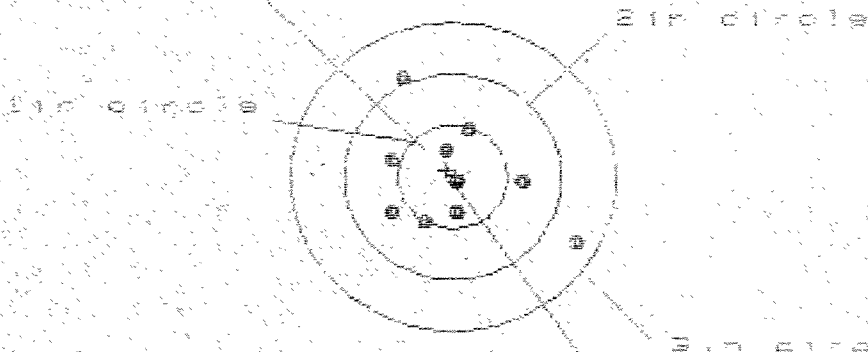
PATTERN #	1	3	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.953	1.052	.859
MINIMUM X	-1.324	-1.225	-1.596
MAXIMUM Y	.939	.754	.851
MINIMUM Y	-1.302	-.916	-1.049
CENTROID X	.294	.195	.348
CENTROID Y	-.250	-.105	-.172
POA TO CENTROID in.	.386	.221	.363
MIN RADIUS	.504	.538	.427
MEAN RADIUS	1.037	.969	.901
MAX RADIUS	1.579	1.338	1.111
HORIZONTAL SPREAD	2.277	2.277	1.895
VERTICAL SPREAD	2.241	1.716	1.716
EXTREME SPREAD	2.976	2.489	2.165
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

15 Oct 1991

FILE: PATTERNING/CENTERFIRE PATT/25685682

CENTERFIRE PATTERNS # 4

POB



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

LS= 1.783

VS= 1.687

CS= 2.287

CENTROID #

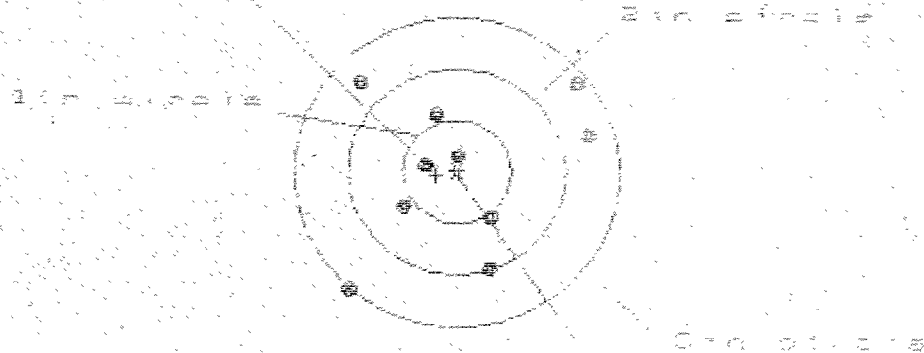
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.730	1.684
MINIMUM X	-.595	-.471	-.517
MAXIMUM Y	.947	.872	1.045
MINIMUM Y	-.680	-.527	-.418
CENTROID X	.058	-.067	-.021
CENTROID Y	-.063	.012	-.037
POB TO CENTROID IN	.086	.068	.094
MIN RADIUS	.010	.149	.090
MEAN RADIUS	.593	.513	.445
MAX RADIUS	1.316	.946	.633
HORIZONTAL SPREAD	1.725	1.201	1.201
VERTICAL SPREAD	1.527	1.339	.964
EXTREME SPREAD	2.287	1.456	1.253
NUMBER IN ONE INCH CIRCLE	3	3	3
NUMBER IN TWO INCH CIRCLE	6	6	6
NUMBER IN THREE INCH CIRCLE	10	10	10

15 OCT 1991

FILE: /PATTERNING/CENTERFIRE.PAT/028552B7

CENTERFIRE PATTERN # 5

POA



OF SHOTS = 10

IN CIR

1 IN = 2

2 IN = 5

3 IN = 8

10 IN = 2.000

15 IN = 2.000

20 IN = 2.000

PATTERN #

5

SHOTS (BEAT OF)	10	9	8
MAXIMUM X	1.984	1.126	1.241
MINIMUM X	-1.026	-1.849	-1.429
MAXIMUM Y	.900	.771	.857
MINIMUM Y	-1.163	-1.053	-1.432
CENTROID X	.142	.086	.125
CENTROID Y	.037	.168	.030
POA TO CENTROID	.146	.249	.261
MIN RADIUS	.137	.114	.104
MEAN RADIUS	.867	.791	.707
MAX RADIUS	1.551	1.360	1.274
HORIZONTAL SPREAD	2.260	2.164	2.169
VERTICAL SPREAD	2.060	1.809	1.338
EXTREME SPREAD	2.999	2.249	1.280
NUMBER IN ONE INCH CIRCLE	0	0	0
NUMBER IN TWO INCH CIRCLE	0	0	0
NUMBER IN THREE INCH CIRCLE	0	0	0