

C6636347

MODEL 760TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
 MODEL 700TM H24

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

REMINGTON
 REG. U.S. PAT. & TM. OFF.

SERIAL NO. C6636347

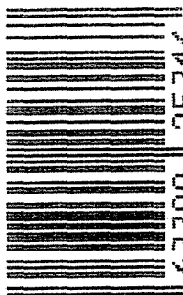
ORDER NO. 5716

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



LPC



0 47700 25716 7

A CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636347

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action	5 8 9 1		HC
	Magnaflux Bolt	5 8 9 1		HC
615	Rollmark Caliber	5 8 9 1		GR
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		LB
620	Apply Coatings (Barrel Action)		5/3/91	DA
	Apply Coating (Bolt)		5/3/91	DA
625	Final Assembly		5/5/91	KS
	A) Clean inside of Bolt Assembly		5/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/5/91	KS
	C) Inspect Ejector Hole for Chamfer		5/5/91	KS
	D) Oil Firing Pin Ass'y		5/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER/M24 0033323	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6-6-91	JK
	G) Safety Off Force	4	4	4			6-6-91	JK
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	022	0225	0225			6-6-91	JK
	J) Assemble Stock						6/6/91	KS
	K) Assemble Swivel Studs						6-13-91	KS
	L) Attach Front and Rear Sight Assemblies						6/6/91	KS
	M) Iron Sight Alignment						6/6/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	KS
	O) Attach Scope to Rifle						6/6/91	KS
	P) Detach & Attach Scope 20 Times						6/6/91	KS
640	Gallery Target & Test						6-7-91	AC
	A) Time						6-7-91	AC
	B) Malfunctions						6-7-91	AC
	C) Pierced Primers						6-7-91	AC
	D) Optical Clarity of Scope						6-7-91	AC
645	Inspect for Live Ammo						6-7-91	AC
655	Final Inspection							
	A) Headspace						6-13-91	KS
	B) Trigger Pull	2.66	2.60	2.70	2.72	2.69	6-13-91	JK
	C) Function						6-13-91	KS
660	Pack						6-20-91	KS

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

SERIAL NO. C6636347DATE 6-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.39	2.44	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.37	2.34	2.60	
PULL #3	2.36	2.37	2.38	2.70	
PULL #4	2.37	2.36	2.38	2.72	
PULL #5	2.35	2.37	2.36	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.56		
PULL #2	3.43	3.49		
PULL #3	3.34	3.44		
PULL #4	3.37	3.34		
PULL #5	3.32	3.54		
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	4.50		4.54
PULL #2	4.45	4.52		4.39
PULL #3	4.52	4.60		4.33
PULL #4	4.36	4.43		4.64
PULL #5	4.68	4.28		4.67
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C5636347
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.831411
1 TO	2	.349017
1 TO	3	.33661
1 TO	4	.376311
1 TO	5	.325346

31
+---K---PDR

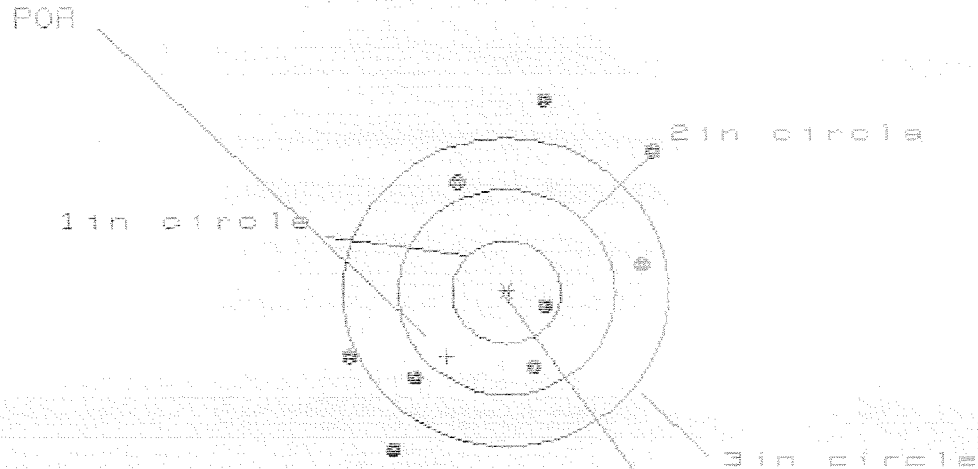
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5368
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3724
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .653327

THE AMR FOR THIS RIFLE IS: 1.068

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636347

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.758

VS= 3.370

GS= 3.758

CENTROID *

PATTERN #

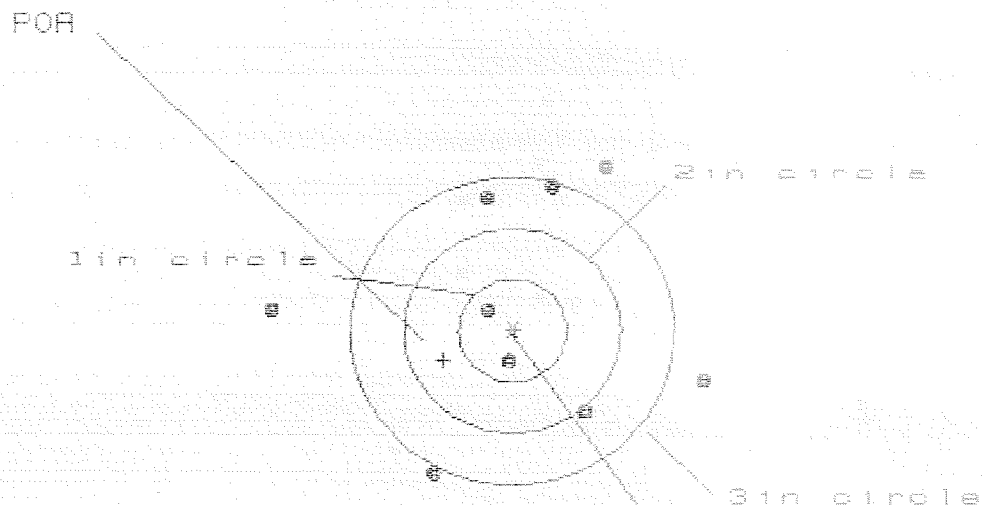
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.355	1.386	1.444
MINIMUM X	-1.402	-1.252	-1.194
MAXIMUM Y	1.848	2.002	1.514
MINIMUM Y	-1.522	-1.368	-1.118
CENTROID X	.546	.396	.338
CENTROID Y	.627	.473	.223
POA TO CENTROID in.	.832	.617	.405
MIN RADIUS	.398	.500	.504
MEAN RADIUS	1.280	1.187	1.034
MAX RADIUS	1.940	2.054	1.581
HORIZONTAL SPREAD	2.758	2.638	2.638
VERTICAL SPREAD	3.370	3.370	2.632
EXTREME SPREAD	3.758	3.624	2.864
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

7 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 2

3in = 5

HS = 3.993

VS = 3.353

GS = 4.047

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.740	1.489	1.564
MINIMUM X	-2.253	-1.996	-1.921
MAXIMUM Y	1.610	1.628	1.596
MINIMUM Y	-1.743	-1.725	-1.522
CENTROID X	.633	.884	.809
CENTROID Y	.289	.271	.068
FOR TO CENTROID in.	.696	.924	.812
MIN RADIUS	.295	.386	.201
MEAN RADIUS	1.363	1.264	1.173
MAX RADIUS	2.259	1.788	1.612
HORIZONTAL SPREAD	3.993	2.485	2.485
VERTICAL SPREAD	3.353	3.353	3.118
EXTREME SPREAD	4.047	3.519	3.177
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	5	

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FILE://PATTERNING/CENTERFIRE_PATT/C8636347

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.748

VS = 2.726

GS = 2.838

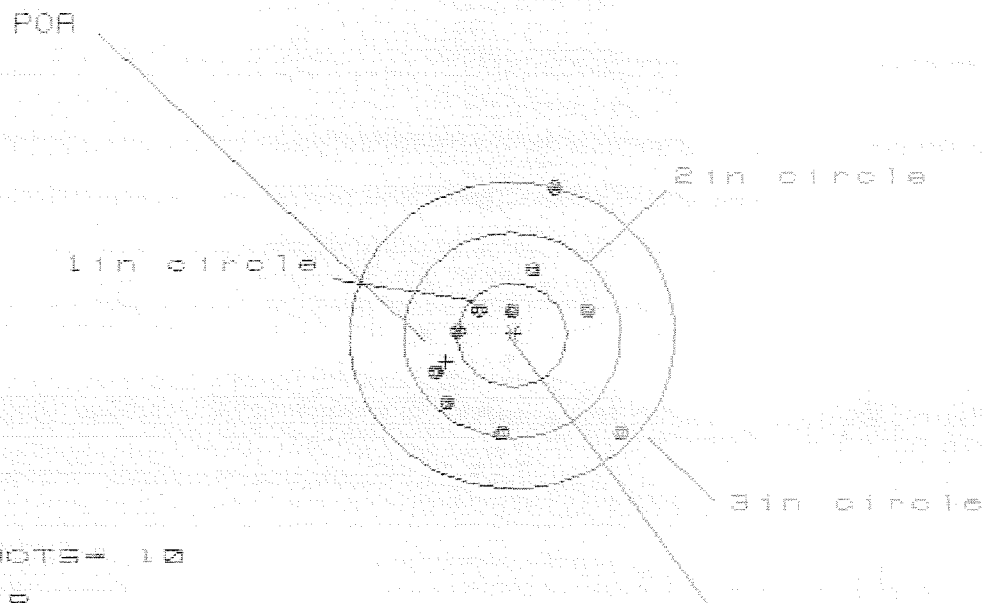
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.873
MINIMUM X	-.875
MAXIMUM Y	1.474
MINIMUM Y	-1.252
CENTROID X	.311
CENTROID Y	.386
POA TO CENTROID in.	.496
MIN RADIUS	.398
MEAN RADIUS	.892
MAX RADIUS	1.579
HORIZONTAL SPREAD	1.748
VERTICAL SPREAD	2.726
EXTREME SPREAD	2.838
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.764

VS= 2.403

GS= 2.479

CENTROID *

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.015	1.060	.972
MINIMUM X	-.749	-.704	-.571
MAXIMUM Y	1.420	.849	.746
MINIMUM Y	-.982	-.825	-.898
CENTROID X	.609	.564	.431
CENTROID Y	.256	.098	.201
POA TO CENTROID in.	.660	.572	.476
MIN RADIUS	.199	.362	.312
MEAN RADIUS	.810	.744	.627
MAX RADIUS	1.477	1.343	.925
HORIZONTAL SPREAD	1.764	1.764	1.443
VERTICAL SPREAD	2.403	1.674	1.644
EXTREME SPREAD	2.479	1.976	1.669
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 1.759

VS = 3.546

GS = 3.782

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.910

1.011

.973

-.849

-.748

-.786

2.146

1.394

1.249

-1.400

-1.162

-.718

.585

.484

.522

.304

.066

.211

.659

.489

.564

.149

.067

.217

.995

.793

.753

2.329

1.407

1.270

1.759

1.759

1.759

3.546

2.556

1.967

3.782

2.559

2.306

2

6

9