

C6636347

MODEL 760TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington

MODEL 700TM H24

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

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

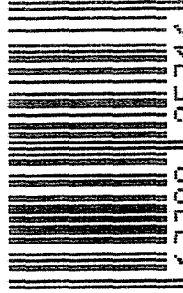
REC. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6636347

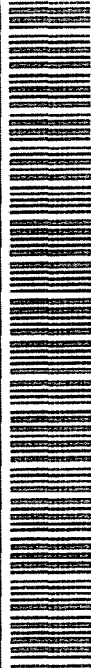
ORDER NO.
5716

20

LPC



0 47700 25716 7



5716 C6636347

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. #	OP. NAME	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

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636347
DATE 6-6-91
TESTER 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

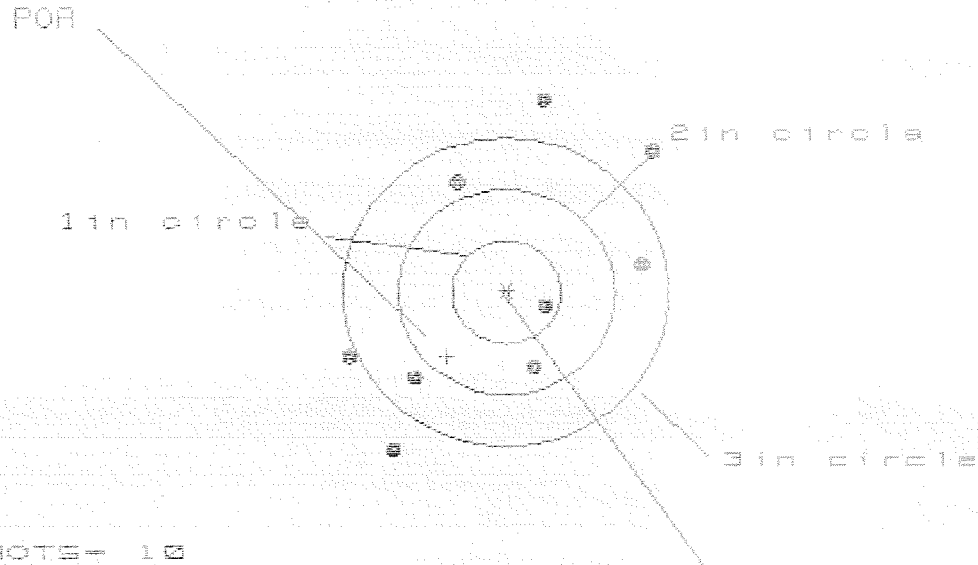
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5368
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3724
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .653327

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 #

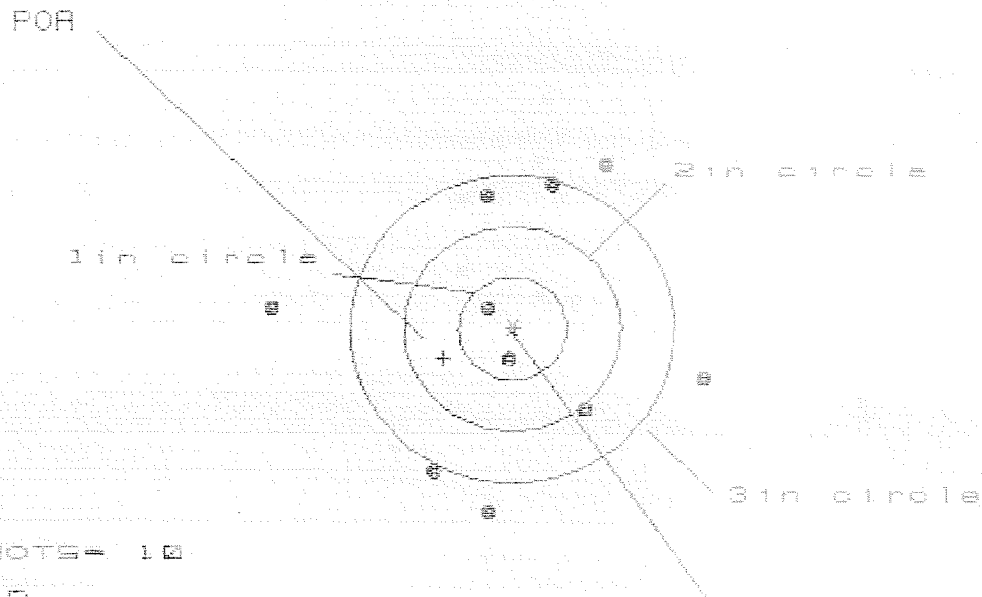
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.355	1.386	1.444
MINIMUM X	-1.402	-1.252	-1.194
MAXIMUM Y	1.848	2.002	1.514
MINIMUM Y	-1.522	-1.368	-1.118
CENTROID X	.546	.396	.338
CENTROID Y	.627	.473	.223
POA TO CENTROID in.	.832	.617	.405
MIN RADIUS	.398	.500	.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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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	9	8
MAXIMUM X	:	.873	.936	.920
MINIMUM X	:	-.875	-.812	-.828
MAXIMUM Y	:	1.474	1.318	1.182
MINIMUM Y	:	-1.252	-1.088	-.889
CENTROID X	:	.311	.248	.264
CENTROID Y	:	.386	.222	.358
POA TO CENTROID in.	:	.496	.333	.445
MIN RADIUS	:	.398	.277	.387
MEAN RADIUS	:	.892	.797	.757
MAX RADIUS	:	1.579	1.321	1.187
HORIZONTAL SPREAD	:	1.748	1.748	1.748
VERTICAL SPREAD	:	2.726	2.406	2.071
EXTREME SPREAD	:	2.838	2.406	2.072
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

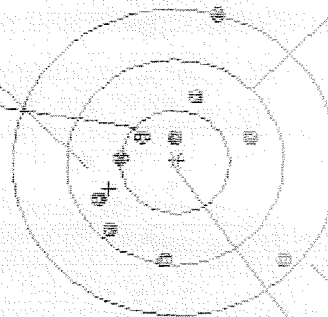
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POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.764

VS= 2.403

GS= 2.479

CENTROID *

PATTERN #

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

1.660

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

8

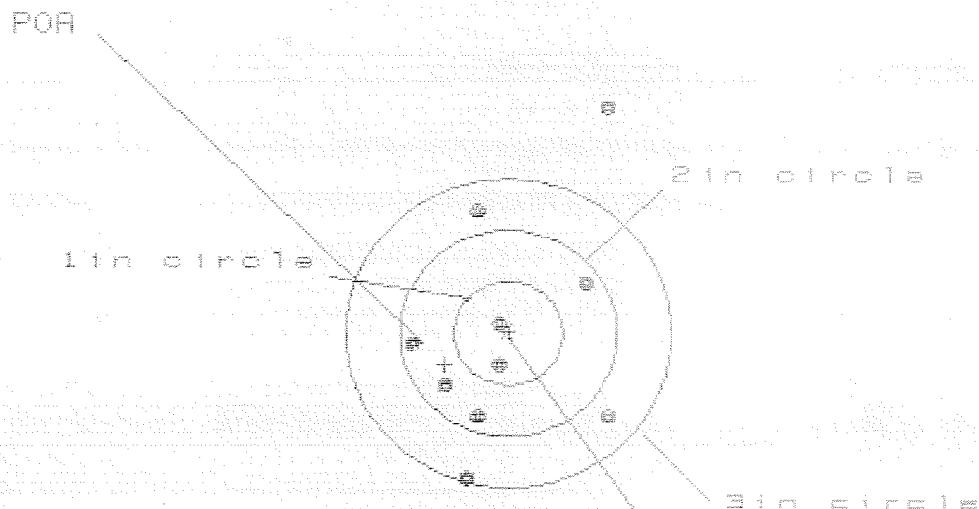
NUMBER IN THREE INCH CIRCLE =

10

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE PATT/C8636347

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 1.759

VS = 3.546

GS = 3.782

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	1.011	.973
MINIMUM X	:	-.849	-.748	-.786
MAXIMUM Y	:	2.146	1.394	1.249
MINIMUM Y	:	-1.400	-1.162	-.718
CENTROID X	:	.585	.484	.522
CENTROID Y	:	.304	.066	.211
POA TO CENTROID in	:	.659	.489	.564
MIN RADIUS	:	.149	.067	.217
MEAN RADIUS	:	.995	.793	.753
MAX RADIUS	:	2.329	1.407	1.270
HORIZONTAL SPREAD	:	1.759	1.759	1.759
VERTICAL SPREAD	:	3.546	2.556	1.967
EXTREME SPREAD	:	3.782	2.559	2.306
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	