

C6611815

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington




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

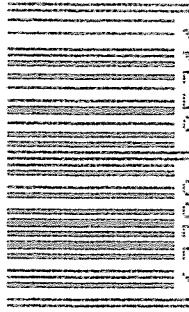
MODEL 700TH H24

SERIAL NO.
C6611815

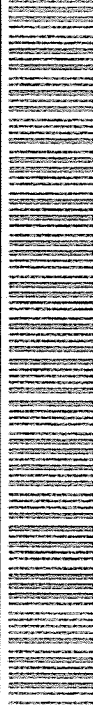
ORDER NO.
5716

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

UPC



0 47700 25746 2



5716 C6611815

MOD. _____ GA. CAL. _____ GUN # 1815

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
K7	2/21	Bolt Handle Hits Stock	KS
	2nd		
		FILED BOLT HDL SLOT	2/21/91 KS
	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		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611815

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LL
617	Drill and Tap Sight Holes	2 2 91		WB
618	Polish Barrel <i>AB/B</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	AB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/14/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/14/91	KH
	C) Inspect Ejector Hole for Chamfer		2/14/91	KH
	D) Oil Firing Pin Ass'y		2/14/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		2/15/91	LL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7 1/2	7			2/16/91	WB
	G) Safety Off Force	3	3	3			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/15/91	JP
	I) Firing Pin Indent	.020	.0205	.0205			2/16/91	WB
	J) Assemble Stock						2/19/91	KA
	K) Assemble Swivel Studs						2-22-91	A
	L) Attach Front and Rear Sight Assemblies						2/19/91	KA
	M) Iron Sight Alignment						2/19/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/19/91	KA
	O) Attach Scope to Rifle						2/19/91	KA
	P) Detach & Attach Scope 20 Times						2/19/91	KA
640	Gallery Target & Test						2/24/91	KA
	A) Time							KA
	B) Malfunctions							KA
	C) Pierced Primers							KA
	D) Optical Clarity of Scope							KA
645	Inspect for Live Ammo						2/21/91	KA
655	Final Inspection							
	A) Headspace						2-22-91	A
	B) Trigger Pull	2.51	2.53	2.51	2.55	2.55	2/22/91	JP
	C) Function						2-22-91	A
660	Pack						3-18-91	DA

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611815

DATE 2/19/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.45	2.48	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.47	2.50	2.53	
PULL #3	2.47	2.49	2.48	2.51	
PULL #4	2.52	2.47	2.50	2.55	
PULL #5	2.51	2.50	2.48	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.31		
PULL #2	3.21	3.28		
PULL #3	3.31	3.28		
PULL #4	3.27	3.25		
PULL #5	3.05	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.51		4.42
PULL #2	4.21	4.41		4.42
PULL #3	4.52	4.40		4.14
PULL #4	4.48	4.36		4.36
PULL #5	4.51	4.39		4.12
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611815
22 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.0552268
1 TO	2	.21285
1 TO	3	.0487847
1 TO	4	.135004
1 TO	5	.0926175

4 <----FOR

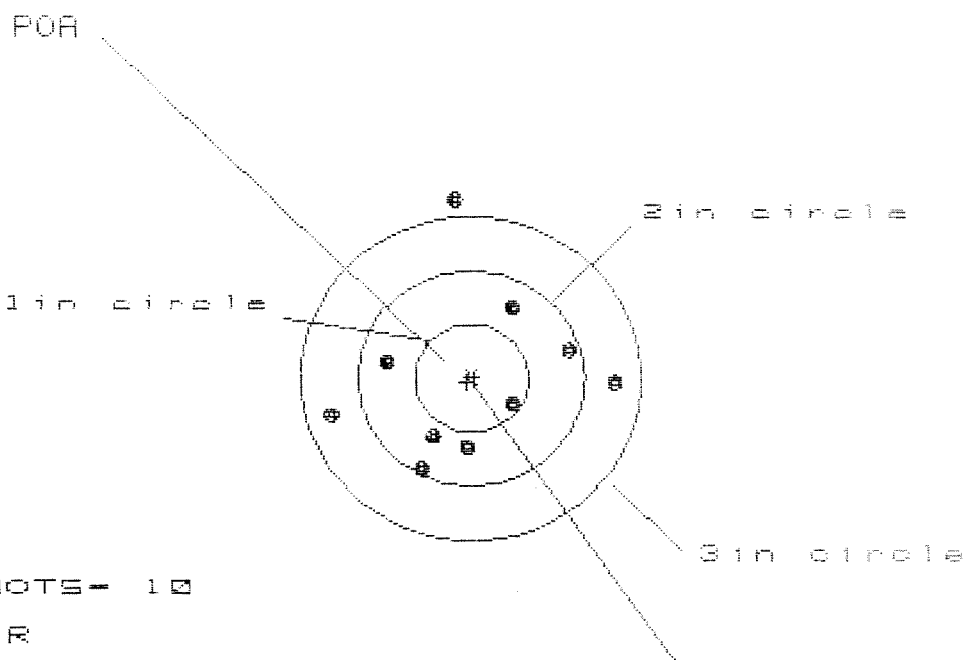
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0416
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0026
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0416812

THE AMR FOR THIS RIFLE IS: 1.016

21 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8611815

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 2.451

VS = 2.504

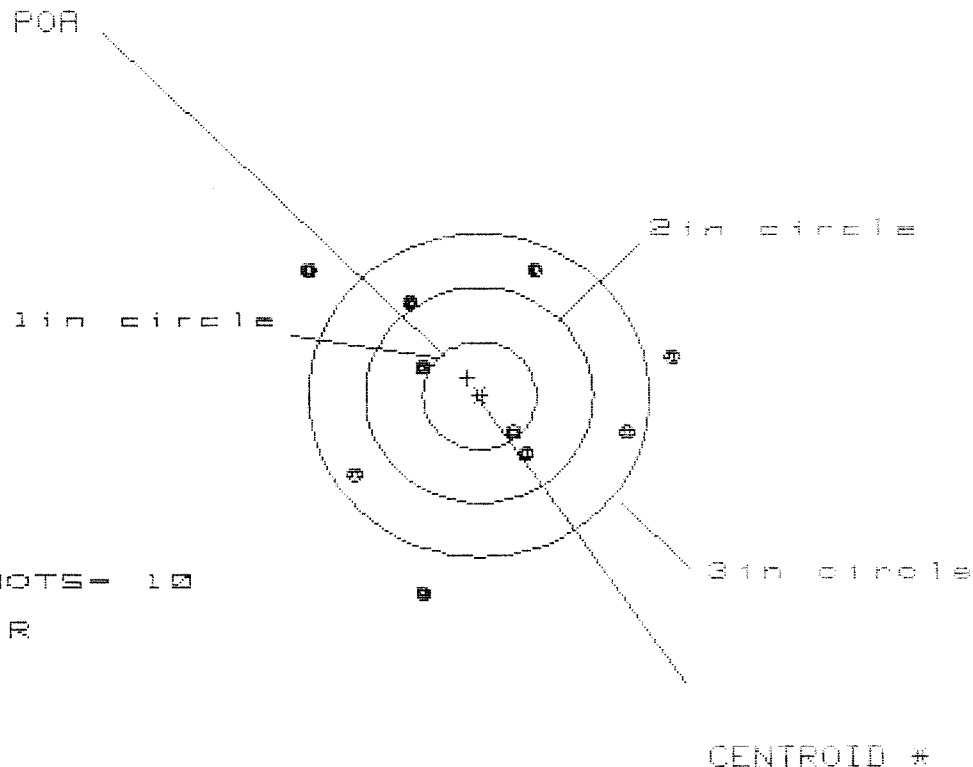
GS = 2.524

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.265	1.254	.980
MINIMUM X	:	-1.196	-1.207	-1.050
MAXIMUM Y	:	1.632	.868	.880
MINIMUM Y	:	-.872	-.691	-.679
CENTROID X	:	.041	.052	-.105
CENTROID Y	:	.037	-.144	-.156
POA TO CENTROID in.	:	.055	.153	.188
MIN RADIUS	:	.461	.394	.391
MEAN RADIUS	:	.929	.817	.750
MAX RADIUS	:	1.635	1.258	1.068
HORIZONTAL SPREAD	:	2.461	2.461	2.030
VERTICAL SPREAD	:	2.504	1.559	1.559
EXTREME SPREAD	:	2.524	2.474	2.108
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611015

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.120

VS= 3.000

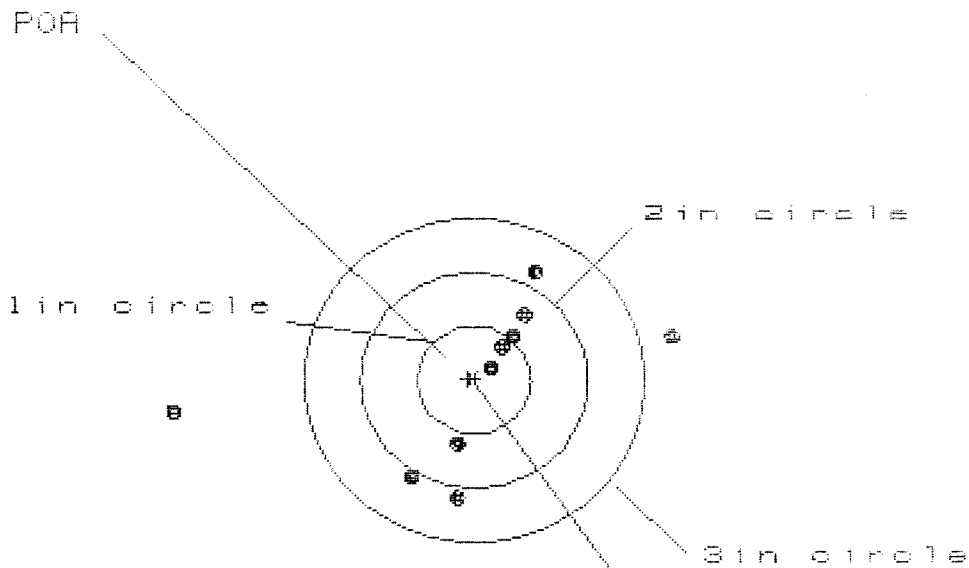
GS= 3.223

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.654	1.598	1.408
MINIMUM X	:	-1.466	-1.522	-1.315
MAXIMUM Y	:	1.199	.998	1.116
MINIMUM Y	:	-1.809	-.945	-.827
CENTROID X	:	.105	.161	.351
CENTROID Y	:	-.166	.035	-.083
POA TO CENTROID in.	:	.196	.165	.361
MIN RADIUS	:	.464	.578	.420
MEAN RADIUS	:	1.214	1.137	1.033
MAX RADIUS	:	1.879	1.791	1.554
HORIZONTAL SPREAD	:	3.120	3.120	2.723
VERTICAL SPREAD	:	3.000	1.943	1.943
EXTREME SPREAD	:	3.223	3.223	2.930
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

21 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8611015

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 4.422

VS = 2.109

GS = 4.480

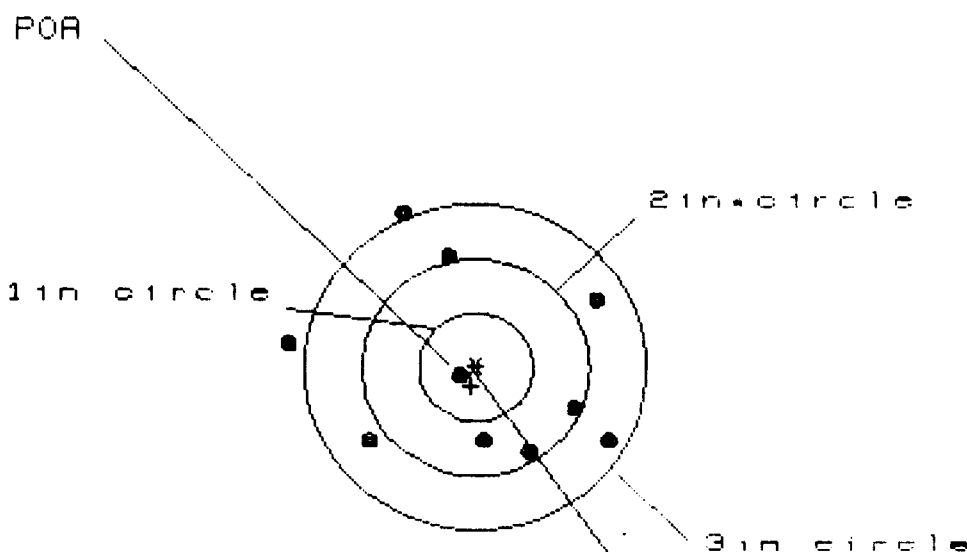
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.747	1.450	.396
MINIMUM X	:	-2.675	-.857	-.676
MAXIMUM Y	:	1.017	.983	1.030
MINIMUM Y	:	-1.092	-1.126	-1.079
CENTROID X	:	.054	.351	.170
CENTROID Y	:	-.010	.024	-.023
POA TO CENTROID in.	:	.055	.352	.172
MIN RADIUS	:	.229	.134	.156
MEAN RADIUS	:	1.028	.791	.703
MAX RADIUS	:	2.693	1.499	1.105
HORIZONTAL SPREAD	:	4.422	2.307	1.072
VERTICAL SPREAD	:	2.109	2.109	2.109
EXTREME SPREAD	:	4.480	2.634	2.203
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611815

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.840

VS= 2.261

GS= 2.977

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	1.025	.928
MINIMUM X	:	-1.633	-1.131	-1.228
MAXIMUM Y	:	1.464	1.487	1.249
MINIMUM Y	:	-.796	-.774	-.588
CENTROID X	:	.040	.222	.319
CENTROID Y	:	.172	.149	-.037
POA TO CENTROID in.	:	.176	.267	.321
MIN RADIUS	:	.152	.323	.443
MEAN RADIUS	:	1.071	.996	.874
MAX RADIUS	:	1.646	1.679	1.346
HORIZONTAL SPREAD	:	2.840	2.156	2.156
VERTICAL SPREAD	:	2.261	2.261	1.837
EXTREME SPREAD	:	2.977	2.811	2.340
NUMBER IN ONE INCH CIRCLE	:	1		

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611815

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.450

VS= 2.360

GS= 3.002

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.166	1.023	.728
MINIMUM X	:	-1.292	-.836	-.708
MAXIMUM Y	:	.973	.819	.842
MINIMUM Y	:	-1.387	-.806	-.783
CENTROID X	:	-.032	.111	-.017
CENTROID Y	:	-.020	.134	.111
POA TO CENTROID in.	:	.038	.174	.112
MIN RADIUS	:	.360	.250	.300
MEAN RADIUS	:	.839	.690	.647
MAX RADIUS	:	1.895	1.161	1.056
HORIZONTAL SPREAD	:	2.458	1.859	1.436

EXTREME SPREAD : 3.002 2.106 1.734
NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 9