The tubes employed in this four tube tuned radio frequency receiver are as follows, all being operated at their rated voltages and biases:

R.F....... 58  
Det....... 57  
Audio Output...... 247  
Rectifier ........ 280

An inspection of the circuit diagram above will indicate that the circuits are conventional in every respect. The R.F. coils are tapped, a portion being grounded out leaving sufficient inductance to permit tuning in local short wave and police stations between 75 and 200 meters. The volume control acts simultaneously to increase the bias on the variable mu R.F. tube and to "short" the antenna circuit.

Service parts may be obtained by giving description of the part needed, and the receiver model and serial numbers.
Group Frequency Selection
The spectrum of 9 to 200 meters is divided into five
groups; 9-16; 16-28; 28-49; 49-92; and 92-215. The
range of each group is covered by an individual
oscillator inductance and input inductance. Each in-
ductance scientifically wound on shallow threaded
forms of high dielectric and calibrated accurately for
frequency register. The live leads from these coils
are not brought down inside the form, causing a
short circuiting effect, but directly away from the
outside of the winding by short lead (¾” to 1½”)

Model R-9
MODEL DeLuxe SW 33
Schematic, Socket
Coil assembly

LINCOLN DE LUXE SW 33 - POWER PACK
BOTTOM PLAN

LINCOLN DE LUXE SW 33
POWER PACK
TOP PLAN

LINCOLN DE LUXE SW 33
PLAN OF COIL ASSEMBLY

www.americanradiohistory.com
LINCOLN DE LUXE SW 33 BOTTOM PLAN