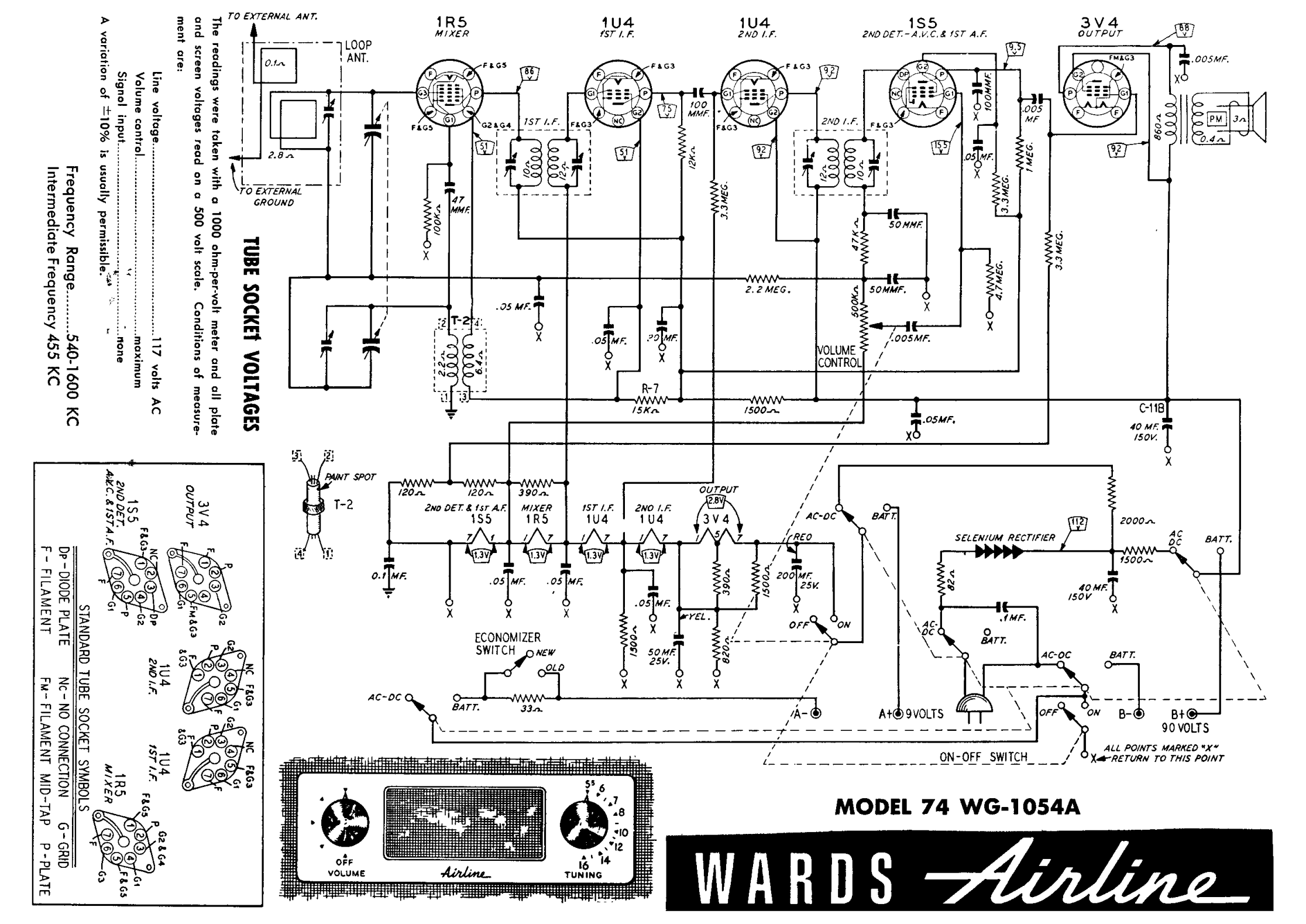
TUBE SOCKET VOLTAGES
The readings were taken with a 1000 ohm-per-volt meter and all plate and screen voltages read on a 500 volt scale. Conditions of measurement are:
Line voltage.....117 volts AC
Volume control.....maximum
Signal input.....none
A variation of ±10% is usually permissible.
Frequency Range.....540-1600 KC
Intermediate Frequency 455 KC
TO EXTERNAL ANT.
TO EXTERNAL GROUND
LOOP ANT.
0.1Ω
2.8Ω
1R5 MIXER
1U4 1ST I.F.
1U4 2ND I.F.
1S5 2ND DET.-A.V.C.& 1ST A.F.
3V4 OUTPUT
F&G5
F&G3
G2&G4
FM&G3
1ST I.F.
2ND I.F.
100K
47 MMF.
12K
3.3 MEG.
2.2 MEG.
47K
50 MMF.
500K
4.7 MEG.
1 MEG.
100 MMF.
.005 MF.
.05 MF.
.02 MF.
.005MF.
VOLUME CONTROL
T-2
R-7
15K
1500Ω
C-118
40 MF. 150V.
PAINT SPOT
120Ω
390Ω
2ND DET. & 1ST A.F.
MIXER
1ST I.F.
2ND I.F.
OUTPUT
2.8V
1.3V
0.1 MF.
200 MF. 25V.
50 MF. 25V.
YEL.
820Ω
33Ω
ECONOMIZER SWITCH
NEW
OLD
BATT.
AC-DC
REC
OFF
ON
SELENIUM RECTIFIER
112
2000Ω
62Ω
.1 MF.
A-
A+ 9VOLTS
B-
B+ 90 VOLTS
ON-OFF SWITCH
ALL POINTS MARKED "X" RETURN TO THIS POINT
STANDARD TUBE SOCKET SYMBOLS
DP-DIODE PLATE NC-NO CONNECTION G-GRID
F-FILAMENT FM-FILAMENT MID-TAP P-PLATE
OFF VOLUME
Airline
TUNING
MODEL 74 WG-1054A
WARDS Airline