

RECTIFIERS

ELECTRON TUBE TYPE

AUTOMATIC REGULATION

J86207A, D, E, G, H, K, L, M, AND U

1. GENERAL

1.001 This addendum supplements Section A301.303, Issue 5.

1.002 This addendum is reissued to change the information covering the age of grid batteries upon installation, to make reference to Section A201.010, and to change title.

The following changes apply to Part 1 of the section:

(a) 1.01 - removed reference to J86207J rectifier which is now covered in Section A301.338

(b) 1.07 - revised

1.07 The life of a grid battery starts with the completion of manufacture. Time between that date and actual installation represents so much loss of useful life. This

should be kept to a minimum consistent with other factors, such as availability and the necessity for immediate replacement in case of failure etc (see A201.010). It is important that the correct number of cells be used. Do not add cells to compensate for decreased battery voltage. When the regulated voltage can no longer be obtained by adjustment of the regulating R rheostat, check the grid battery voltage with a voltmeter and replace batteries which measure less than 90 per cent of the nominal voltage. A small automatically regulated metallic rectifier is sometimes used instead of a grid battery and such a unit is called the grid rectifier unit.

3. ROUTINE CHECKS

The following change applies to Part 3 of the section:

(a) 3.01 - removed reference to the J86207J rectifier