



# SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TR-2400

#822

SUBJECT: TR-2400 BATTERY CHARGER FAILURE

DATE 4/22/80

The stock charger (W09-0307-05) supplied with the TR-2400 may be repaired and/or tested as necessary.

Open circuit, the charger should deliver 18-20V. Current when charging should be 45mA.

Contained in the charger, in series with the output is a  $120\Omega$  1/2W current limiting resistor. Under normal use (including momentary short circuit test) this part should not fail.

If you receive a charger with no output, the unit may be opened by fracturing the glued seam by a sharp moderate hammer-blow. Place the charger on its side on a hard, flat surface. A layer of cloth at top and bottom will protect the case from marring. Strike the seam first on one side, and then the other. The case should open in two pieces.

Replace the  $120\Omega$  1/2W resistor with 1W resistor. After replacing and before closing the unit, perform voltage and current checks. A spot of glue or cement at each corner will reseat the charger.

JEB/yn