



publications engineering

SERVICE BULLETIN

COLLINS RADIO COMPANY

Cedar Rapids, Iowa 52406

EQUIPMENT TYPE: KWS-1 TRANSMITTER

SERVICE BULLETIN NO. 4

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SUBJECT: ARCHING OF PLATE TRANSFORMER T503

A few cases of trouble have been encountered with the plate transformer, T503, in the Power Supply of the KWS-1 arching from the transformer to the baffle mounted on the transformer. It is recommended that a close inspection of units in the field be made to assure a minimum clearance of 3/8 inch between the baffle plate and transformer winding.

Recommended procedure is as follows:

1. Turn Filament and Plate switch off.
2. Remove front and rear panels from Power Supply.
3. Loosen four screws that mount transformer to cabinet.
4. Slide transformer as far as possible to the center of the cabinet and tighten transformer mounting screws.
5. Loosen two screws that mount baffle plate to transformer. Slide baffle toward side of cabinet as far as possible and tighten mounting screws.