BENDIX

60–4–1 Bendix Amdt. 107 Part 507 Federal Register February 20, 1960. Applies to All Aircraft Public Address Speaker Systems Using the Bendix MI–51B Amspeaker, Serial Numbers 1001 To 1201, Which Have Carbon Resistors in Parallel With or in Lieu of Wire Wound Resistors R–103 and R–106. (Serial Numbers 1001 To 1051 May Have Been So Modified In Service.)

Compliance required by June 1, 1960.

Failures have occurred where the speaker cone of the MI–51B was destroyed by fire as a result of overheating of these carbon resistors, thus creating a possible hazardous condition. Due to the seriousness of the fire hazard associated with these failures, any carbon resistors paralleled with or substituted for resistors R–103 and R–106 shall be removed in accordance with either of the following methods:

(a) Method No. 1. Clip out 3.9 ohm carbon resistors connected across wire wound resistors R–103 and R–106. (Removal of these resistors will reduce the audio output by approximately 10 percent.)

(b) Method No. 2. Replace each of the parallel networks composed of 3.9 ohm carbon resistors in parallel with wire wound resistor R–103 and R–106, with a 0.75 ohm wire wound resistor (plus-minus 5 percent, ½ W).

(Bendix Service Bulletin No. M–273 dated July 8, 1959 covers the same subject.)

COLLINS

50–48–2 Collins Radio Applies to All Model 51R–1 and 51R–2 Receivers Incorporating Allite or Thordarson 90/150 Cycle Filters in Their Tone Localizer Indicator Circuits and to All Model 51R–1 Receivers Which Have Not Been Modified in Accordance With Collins 51R–1 Service Bulletin Number 7a. This Note Applies Only to Receivers Installed in Air Carrier Aircraft.

Compliance required by July 1, 1951.

A. To minimize the possibility of complete or partial in-service failure of the 90/150 cycle tone localizer system, replace all Allite and Thordarson 90- and 150-cycle filters with Collins Radio Co. approved replacement filters as follows:

	REMOVE			REPLACE WITH
Function	*Collins No.*	*Thordarson No.*	*Allite (Schrader) No.*	*Collins No.*
90 cycle	673 0160 00	T51677	C222220–1	673 0206 00
150 cycle	673 0161 00	T51678	C222220–2	673 0207 00

United Transformer Co. P/N F5024, 150 cycle filters, Collins P/N 673 0161 00, are satisfactory and should not be replaced.

(Collins 51R–1 and 51R–2 Service Bulletin No. 14 dated September 21, 1950, covers this same subject.)

B. To minimize the possiblity of course reversal due to the loss of automatic gain control action, modify the Model 51R–1 receiver in accordance with Collins 51R–1 Service Bulletin No. 7a dated August 29, 1950.

52–13–1 Collins Radio Applies to All Models 51R–1 and 51R–2 Radio Receivers.

Compliance required by November 1, 1952.

To eliminate failures of 90/150 cycle tone localizer filters due to electrodeposition of copper from the coil windings to the laminated iron core, modify the receiver in accordance with Collins 51R–1 and –2 Service Bulletin No. 21, dated May 7, 1952, by removing the B+ voltage from the 90 and 150 cycle filter input circuits.