



**REPUBLIC AVIATION CORPORATION  
FARMINGDALE, LONG ISLAND, NEW YORK  
SERVICE DEPARTMENT**

DECEMBER 18, 1946

**MANDATORY CHANGE**

SERVICE BULLETIN NO. 1

MODIFICATION FIREWALL TERMINAL BLOCK

Reason for Change: To prevent short circuiting of terminal studs on the firewall.

Airplanes Affected: Republic Serial Nos. 5 through 174 inclusive. Serial Nos. 175 and up have already had this change accomplished in production.

Description of Change:

This change involves removing each stud from the terminal block on the firewall, enlarging the stud holes, installing a bushing and reinstalling the stud and shall be accomplished as follows:

1. Open top engine cowl and remove right hand side cowl.
2. Disconnect wires from one terminal and remove stud.
3. Open up existing hole by drilling through with No. "0" (.316) drill.
4. Insert 17F82080-1 Bushing from bottom side. Refer to Fig. 1.
5. Reinstall terminal stud and reconnect wires, omitting the AN960-10 washer.
6. Repeat the above process for all seven terminal studs.
7. Replace cowling.
8. Check electrical circuits for operation and make suitable entry in airplane log book.

Parts required: Parts may be obtained through your local dealer or distributor at no charge and will be installed free of charge on all airplanes within warranty at the time of modification.

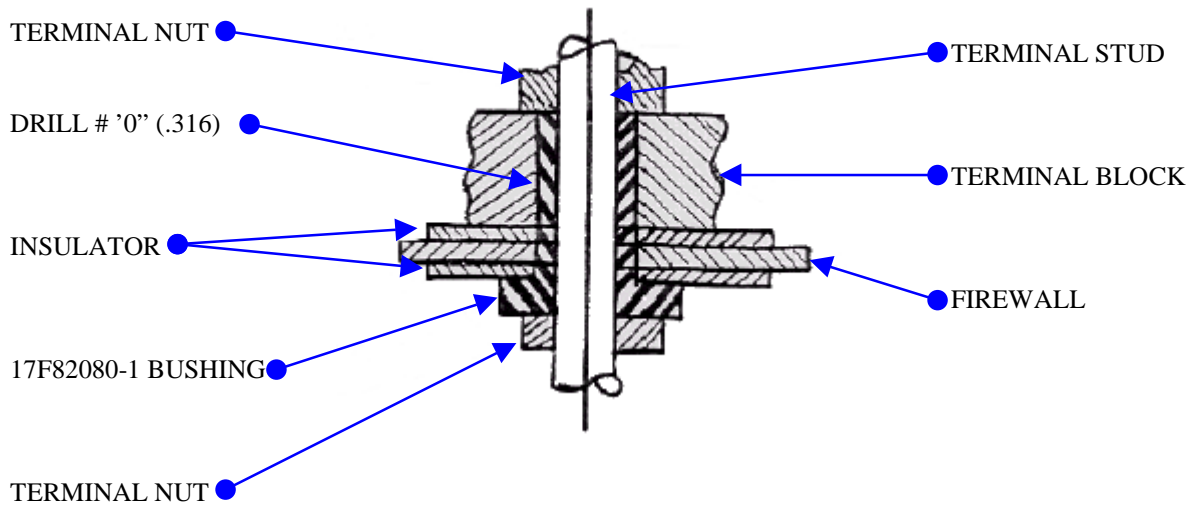
SERVICE BULLETIN KIT NO. 1 consists of the following:

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>
7	17F82080-1	Bushing

TIME REQUIRED: Approximately 2 man-hours are required to accomplish this change.

W. H. Ehmann  
Service Manager

FIGURE 1



SECTION THROUGH TERMINAL STUD