

4. (Wires spliced-solder joints-in many places.) - New wire installed.
5. (No fusing of circuit.) - Fuse installation as indicated on Douglas Drawing No. 5111344
6. (Thermo switches not locked.) - Removed, tested, adjusted and locked.
7. (Wiring to all lights improperly routed on surface along cabin walls.) Re-routed in proper location through tunnel and conduits.

Boost Coil Installation:

1. Separate switch installed as per drawing No. SK-114. (D.O.T. Approved)
2. New wire and conduits where necessary.
3. Balance of wire installed in existing conduits.

Generator Circuit & Controls:

1. (Generators grounded - wrong resistors used - equalizer switch wrong.) - New carbon pile regulators, reverse current relays and equalizer switch installed as per drawings, SK-112, SK-120 and SK-128. (D.O.T. Approved)
2. Circuits and controls tested for operation with generator test stand.

Electrical Check:

1. Landing Light Relays - (Contacts burned) - Removed, cleaned and overhauled, reinstalled.
2. Master Battery Relays - (Badly burned) - Removed, overhauled - new contacts reinstalled.
3. Prop Feather Relays and Starter Relays - (Badly burned) - Replaced with new ones.
4. Pitot Mod. (Pitot heaters inoperative) - (Mod. partially installed) - Finished mod. including re-numbering of wires.
5. Mooring Light - Upper recognition light switch marked for mooring light and necessary re-connecting, completed.
6. Cockpit light circuit grounded - Remove faulty light, repair and replace.
7. Ignition Circuit - (Mag. Switch unserviceable) - replaced. (Mags. on both engines crossed.) - (Connected correctly.)
8. Conduit Assembly Ahead of Firewall - (overhaul of complete assembly necessary - new conduit needed in several places.) - complete re-wired and reinstalled.
9. Diagram of Fuse Location and Wire Numbers - (Main Junction Box - incorrect.) - New diagram and numbering showing correct fuse location and sizes, etc..
10. Compass Radio Junction Box - (Badly corroded) - All terminals, wiring and terminal strips removed, cleaned - box painted and replaced.
11. Pilots Electrical Panels - Removed - All switches tested - wiring checked - name plates re-painted and reinstalled.
12. Landing, Navigating & Passing Lights - wires checked for serviceability - unnecessary splices removed - lenses cleaned and polished. New bulb in left landing light and navigating light.
13. Inverter - Removed for Overhaul and Replaced.
14. Fuel Tank Potentiometers - Checked with Ohm meter for continuity and smooth operation.
15. All circuits completely checked for operation.
16. New bulbs and fuses installed where necessary. Transplex installed on wiring in nacelles where subjected to oil damage. All junction boxes cleaned and wire connections checked.