

SECTION NINE

OVERHAUL PERIOD

Airflow Performance fuel controllers are not field repairable. There are no rebuild kits available and specialized test equipment is required for re calibration of the fuel controller. With the exception of the field maintenance and troubleshooting described in the previous sections, the fuel controller and components must be returned to Airflow Performance for overhaul and or re calibration.

TIME BETWEEN OVERHAUL

- 9-1. The time between overhaul (TBO) for all fuel controllers and fuel system components is the same as the recommended TBO for the engine, not to exceed 2000 hours. Time between overhaul is also dependent upon the type of service and the installation the fuel controller is subjected to. An installation subjected to hard aerobatics may not complete the full TBO due to higher vibration levels that are encountered in this type of service.
- 9-2. Regardless of time in service, overhaul is recommended based on an accumulated calendar time of 12 years for fuel control units and 8 years for flow dividers. This is from the date of manufacture or last overhaul date.
- 9-3. A complete overhaul is required regardless of accumulated time in use when the fuel controller or fuel system component has been subjected to severe environment such as but not limited to:
 1. Engine fire, external or prolonged air intake manifold fire, accident, or when service history of the fuel controller is unknown.
 2. Contaminated fuel such as water, sand, rust, etc.
 3. Fuel that does not meet the engine manufacturer's requirement may be detrimental to engine operation. If a non-specified fuel is inadvertently pumped into the aircraft fuel system and drained, fuel controller overhaul is not required.
 4. If uncertain that the fuel controller or components requires service or overhaul, contact Airflow Performance for consultation.