

**81-07-06 TELEDYNE CONTINENTAL MOTORS:** Amendment 39-4071. Applies to Continental A-65, A75, C75, C85, C90, A-100, C125, and O-200 series engines with AC fuel pumps, TCM part number 40585, 40695 or 631391 installed.

Compliance required within 30 days after the effective date of this AD, or within the next 25 hours time in service after the effective date of this AD, whichever occurs first, unless already accomplished within the last 12 months and at intervals not to exceed 12 months after the last inspection. To prevent fuel starvation due to fuel flow restriction through the pump screen accomplish the following:

- a. Remove safety wire and bolt from fuel pump top cover. Discard fiber washer under bolt.
- b. Remove the fuel pump top cover. Discard cork cover gasket.
- c. Remove fuel pump screen.
- d. Inspect the fuel pump and fuel pump screen for contamination.
  - (1) If contaminated, clean fuel pump and fuel pump screen.
  - (2) If fuel pump is damaged by corrosion, replace with an applicable serviceable fuel pump.
  - (3) If fuel pump screen is damaged by corrosion or handling, replace with a serviceable fuel pump screen, TCM P/N 643913.
- e. Reinstall fuel pump screen, fuel pump cover with new cork cover gasket, TCM P/N 643915 and new bolt gasket P/N 643914. Torque bolt to  $30 \pm 5$  inch-pounds.
- f. Resafety wire fuel pump top cover bolt and check for leaks.
- g. Make the appropriate maintenance record entry. An equivalent method of compliance may be approved by the Chief, Engineering and Manufacturing Branch, Federal Aviation Administration, Southern Region.

Teledyne Continental Motors Service Bulletin M81-8, dated March 9, 1981, pertains to this subject.

This amendment becomes effective April 1, 1981.