

TELEDYNE CONTINENTAL[®] AIRCRAFT ENGINE

SERVICE BULLETIN

Compliance Will Enhance Safety

M81-8R1
Supersedes M81-8
Technical Portions are
FAA Approved

Original issue: 9 February 1981
Revision issued: 31 January 2001

TO: Aircraft Manufacturers, Distributors, Dealers, Engine Overhaul Facilities,
Owners and Operators of Teledyne Continental Motors Aircraft Engines.

SUBJECT: FUEL PUMP SCREEN RESTRICTION

MODELS

AFFECTED: All "A" series, "C" series and O-200 engines with AC Fuel Pumps P/N
40585, 40695 or 631391 installed.

Gentlemen:

To prevent a possible fuel flow restriction caused by a clogged screen in subject fuel pumps a repair kit, P/N EQ
6561 is available.

Compliance with this bulletin is required within 60 calendar days or the next 50 hours time in service (whichever is
sooner) and at intervals not to exceed 12 months time in service thereafter, unless already accomplished.

To comply with this bulletin, accomplish the following:

1. Remove safety wire and bolt from fuel pump top cover. Discard fiber washer under bolt.
2. Remove fuel pump top cover. Discard cork cover gasket.
3. Remove fuel pump screen.
4. Inspect the fuel pump and fuel pump screen for contamination.
 - a. If contaminated, clean fuel pump and screen.
 - b. If fuel pump is damaged by corrosion, replace with the proper serviceable fuel pump.
 - c. If the fuel pump screen is damaged by corrosion or handling, replace with serviceable screen,
P/N 643913.
5. Reinstall fuel pump cover with new cork gasket, P/N 643915 and bolt gasket P/N 643914. Torque bolt
to 30 ± 5 in. lbs.
6. Re-Safety wire fuel pump top cover bolt.

Revision to original issue of this service bulletin is made to provide a source for the parts required to comply with
this service bulletin and AD81-07-06.

1. Teledyne Continental Motors currently has an adequate supply of fuel pump cover gasket P/N 643915.
However, our inventory of cover bolt gasket P/N 643914 and fuel screen P/N 643913 have been
depleted. This service bulletin revision has been approved by the Manager, Atlanta Aircraft
Certification Office, ACE-115A, by letter dated January 23, 2001, as an alternate method of
Compliance (AMOC) for AD 81-07-06, paragraph (e). The AMOC authorizes the use of Aero
Accessories, Inc. gasket P/N AF-766 in lieu of TCM P/N 643914. The AF-766 gasket is contained in

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Fuel Screen Service Kit P/N AF-6561 or may be purchased seperately. Aero Accessories, Inc. P/N AF-766 and AF-6561 are FAA-PMA approved.

The fuel pump Fuel Screen Service Kit P/N AF-6561 or cover bolt gasket P/N AF-766 required to comply with this service bulletin and AD 81-07-06 may be purchased from:

Aero Accessories, Inc.
 1240 Springwood Avenue
 Gibsonville, NC 27249
 1-800-822-3200 / 1-336-449-5054
 FAX: 1-336-449-5461
www.aeroaccessories.com

2. Additionally, TCM has determined that several EQ6561 Fuel Pump Kits are still available in the after market from both TCM Distributors and Independent Parts Suppliers. You may access this information via www.partsbase.com, or call your local TCM Distributor.

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