
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kontroll / byte av reducerventil i oljesystemet för avgasturbo

GÄLLER: Ventiler tillverkade under tiden 1994-08-01 till 1995-03-20, med reservdelsnummer TCM 641068, installerade i men ej begränsade till Mooney M20K, Piper PA-28-201T, PA-28R-201T, PA-28RT-201T, PA-34-200T och PA-34-220T. Se även bifogad kopia av FAA AD 95-08-10.

ÅTGÄRD: Visuell inspektion av ventilens datummärkning enligt TCM Critical Service Bulletin 95-1, Revision A, daterad 5 april 1995. I förekommande fall utbyte.

TID FÖR ÅTGÄRD: Före nästa flygning.

UNDERLAG: TCM Critical Service Bulletin 95-1, Revision A, daterad 5 april 1995.

REFERENS: FAA AD 95-08-10, kopia bifogas.

UTGIVNINGS-DATUM: 1995-11-09

LFS: 1995:60

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11. Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department
of Transportation
**Federal Aviation
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

95-08-10 Teledyne Continental Motors: Amendment 39-9282. Docket 95-ANE-18.

Applicability: Teledyne Continental Motors (TCM) engine Model TSIO-360 E, EB, F, FB, G, GB, KB, LB, MB, and Model LTSIO-360 E, EB, and KB reciprocating engines with turbocharger oil outlet check valve, TCM part number (P/N) 641068, shipped directly or indirectly from the manufacturer on or after August 1, 1994. These check valves are installed **on but not limited to** the following serial numbered engines:

- New engine model TSIO-360-FB, serial number (S/N) 318019;
- new engine model TSIO-360-KB, S/N 320223, 320229, 320233, through 320235, 320239, 320242 through 320250, 320254 through 320259, 320261, 320262, 320264, 320266, 320292, 320293;
- new engine model LTSIO-360-KB, S/N 319226, 319232, 319235 through 319237, 319241, 319244 through 319246, 319248 through 319253, 319257, 319258, 319260 through 319268, 319270, 319271, 319273, 319297, 319322;
- rebuilt engine model TSIO-360-E, S/N 225140-R;
- rebuilt engine model TSIO-360-EB, S/N 265937-R, 265938-R, 265942-R through 265944-R, 265946-R through 265968-R, 265970-R through 265973-R, 265975-R, 265977-R through 265982-R;
- rebuilt engine model LTSIO-360-E, S/N 225648-R;
- rebuilt engine model LTSIO-360-EB, S/N 266471-R, 266480-R, 266482-R 266486-R, 266487-R, 266489-R through 266495-R, 266497-R through 266499-R, 807251-R through 807254-R, 807256-R through 807259-R, 807261-R through 807265-R, 807267-R, 807268-R, 807271-R through 807275-R, 807276-R;
- rebuilt engine model TSIO-360-F, S/N 232814-R through 232817-R;
- rebuilt engine model TSIO-360- FB, S/N 281183-R, 281187-R, 281189-R, 281190-R, 281193-R through 281197-R, 281199-R, 299501-R through 299523-R, 299525-R through 299528-R, 299532-R;
- rebuilt engine model TSIO-360-KB, S/N 268192-R, 268195-R through 268201-R, 268205-R through 268207-R;
- rebuilt engine model LTSIO-360-KB, S/N 268428-R, 268430-R, 268431-R, 268433-R, 268434-R, 268436-R, 268437-R, 268440-R through 268445-R;
- rebuilt engine model TSIO-360-LB, S/N 247257-R, 247259-R, 247260-R, 247262-R, 247267-R through 247271-R, 247273-R through 247275-R; and
- rebuilt engine model TSIO-360-MB, S/N 279245-R through 279247-R, 279249-R, 279250-R.

These engines are installed on but not limited to: Mooney Model M20K, Piper Models PA28-201T, PA28R-201T, PA28RT-201T, PA34-200T and PA34-220T aircraft.

NOTE: This AD applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority provided in paragraph (e) to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any engine from the applicability of this AD.

Compliance: Required as indicated, unless accomplished previously.

To prevent engine failure due to incorrectly assembled turbocharger oil outlet check valve, which could result in complete engine failure, accomplish the following:

- (a) Prior to further flight, determine if the turbocharger oil outlet check valve has been installed or repaired on or after August 1, 1994. This AD is not applicable to engines that did not have the turbocharger oil outlet check valve installed or repaired on or after August 1, 1994.

(b) Prior to further flight, inspect the turbocharger oil outlet check valve, TCM P/N 641068, in accordance with section B of Teledyne Continental Motors (TCM) Critical Service Bulletin (CSB) 95-1A, Revision A, dated April 5, 1995, and replace any check valve with an ink stamped date code of A3Q94, A4Q94 or A1Q95, or with no readable date code, with a serviceable check valve as defined in paragraph (c) of this AD.

(c) For the purpose of this AD, serviceable turbocharger oil outlet check valve is defined as one with a date stamp code indicating that it was manufactured before July 1, 1994, i.e., A2Q94, or earlier, or that it was manufactured after March 31, 1995, i.e., A2Q95, or later.

(d) Install replacement valve in the turbocharger oil outlet line with the flow arrow on the valve body pointing in the direction of oil flow toward the scavenge pump in accordance with section B of TCM CSB95-1A, Revision A, dated April 5, 1995.

(e) An alternative method of compliance that provides an acceptable level of safety may be used if approved by the Manager, Atlanta Aircraft Certification Office. The request should be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta Aircraft Certification Office.

NOTE: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Atlanta Aircraft Certification Office.

(f) Special flight permits may not be issued.

(g) Copies of the applicable service information may be obtained from Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601, telephone (334) 438-3411, fax (334) 432-2922.

(h) The turbocharger oil outlet check valve inspections shall be done in accordance with the following service bulletin:

Document No.	Pages	Revision	Date
TCM CSB95-1A	1, 2	A	April 5, 1995

Total pages: 2.

This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601, telephone (334) 438-3411, fax (334) 432-2922. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(i) This amendment becomes effective July 10, 1995, to all persons except those persons to whom it was made immediately effective by priority letter AD 95-08-10, issued April 6, 1995, which contained the requirements of this amendment.

FOR FURTHER INFORMATION CONTACT:

Jerry Robinette, Aerospace Engineer, Atlanta Aircraft Certification Office, FAA, Small Airplane Directorate, Campus Building, 1701 Columbia Avenue, Suite 2-160, College Park, GA, 30337-2748; telephone (404) 305-7371, fax (404) 305-7348.