



Civil Aviation Authority
SAFETY NOTICE
Number: SN-2024/007



Issued: 3 October 2024

ATA 72 – Reciprocating Engine – Inspection

This Safety Notice contains recommendations regarding operational safety.

Recipients must ensure that this Notice is copied to all members of their staff who need to take appropriate action or who may have an interest in the information (including any 'in-house' or contracted maintenance organisations and relevant outside contractors).

Applicability: Lycoming and Continental Aerospace Technologies Reciprocating Engines (See Section 3.2 for all affected types, models and serial numbers)	
Aerodromes:	Not primarily affected
Air Traffic:	Not primarily affected
Airspace:	Not primarily affected
Airworthiness:	All UK Part CAO, Part CAMO and BCAR A8-23 / A8-24 & A8-25 Organisations
Flight Operations:	Not primarily affected
Licensed/Unlicensed Personnel:	All maintenance engineers in airworthiness organisations operating, servicing, maintaining aircraft with the affected engine models, types and serial numbers.

1 Introduction

- 1.1 Transport Canada Civil Aviation (TCCA) issued a non-state of design AD, CF-2005-40 dated 5 December 2005. At issue date EASA were unable to adopt a non-state of design airworthiness directive, instead promulgating as EASA Safety Information Bulletin (SIB) 2006-01. This SIB has now been withdrawn and replaced by EASA AD 2024-0111, 12th June 2024. The UK CAA currently has no mechanism for adoption of a non-state of design AD and considers a Safety Notice (SN) to be an appropriate promulgation vehicle for this particular safety information.
- 1.2 Due to the cancellation of EASA SIB 2006-01, the UK CAA promulgates this safety information as a SN for all UK operators, maintainers and owners of engines stipulated in section 3 below.
- 1.3 This Safety Notice supersedes EASA issued (SIB) 2006-01 in the UK.

2 Compliance/Action to be Taken

- 2.1 This SN recommends that maintainers, operators and owners accomplish the Corrective Actions as defined by the AD CF-2005-40TCCA, as applicable (see Note 1 of this Safety Notice). For the purpose of this SN, where the TCCA AD specifies the compliance time with reference to 'the effective date of this directive', it should be considered with reference to the issue date of this Safety Notice.

Note 1: No further action is necessary for an engine in compliance with AD CF-2005-40.

Note 2: Accomplishment in accordance with the actions recommended in FAA Special Airworthiness Information Bulletin NE-06-28 dated 31 January 2006 is considered to be compliant with the requirements of AD CF-2005-40.

3 Further Information

- 3.1 Affected engines by the following manufacturers: Teledyne Continental Motors, Rolls-Royce; Lycoming Engines, Textron Lycoming, AVCO Corporation, AVCO Lycoming Williamsport Division, AVCO Lycoming Division
- 3.2 All engine types and models, as specified in the referenced below TCDS, all serial numbers, except those manufactured after 18 July 2004, and except those which have been overhauled in accordance with applicable instructions issued by the Type Certificate Holder after 18 July 2004.

EASA.IM.E.005, EASA.IM.E.027, EASA.IM.E.032, EASA.IM.E.100, EASA.IM.E.101, EASA.IM.E.105, EASA.IM.E.169, US 1E1, US 1E11, US 1E12, US 1E13, US 1E15, US 1E4, US 1E7, US 3E1, US 3E3, US E10EA, US E11EA, US E11EU, US E12CE, US E14EA, US E16EA, US E19EA, US E26EA, US E-205, US E-223, US E-228, US E-229, US E-233, US E-236, US E-246, US E-269, US E26EA, US E-273, US E-274, US E-275, US E-277, US E-279, US E-284, US E-286, US E-295, US E-298, US E-304, US E3IN, US E4IN, US E4SO, US E5CE, US E7CE, US E8CE, US E9CE and US TC227.

4 Queries

- 4.1 Any queries or requests for further guidance as a result of this communication should be addressed to the GA Unit, Safety Airspace Regulation Group, Civil Aviation Authority, Aviation House, Gatwick Airport South, West Sussex RH6 0YR. Tel: +44 (0)1293 573988 E-mail: GA@caa.co.uk.
- 4.2 For any question concerning the technical content of the requirements in this Safety Notice, please contact, as applicable:

Continental Aerospace Technologies, P.O. Box 90, Mobile, AL 36615; phone: +1-800-326-0089; website: www.continental.aero

Lycoming Engines, 652 Oliver Street, Williamsport, PA 17701; phone: +1-800-258-3279; website: <https://www.lycoming.com>

5 Cancellation

- 5.1 This Safety Notice will remain in effect until further notice.