

SERVICE INFORMATION LETTER

SIL97-1

Contains Useful Information Pertaining To Your Aircraft Engines' Operational Maintenance

FAA APPROVED

SUBJECT: AIRWORTHINESS LIMITATIONS.


PURPOSE: To provide airworthiness limitations information for all Teledyne Continental Motors (TCM) engines.

COMPLIANCE: Upon receipt of this Service Information Letter, remove the "Airworthiness Limitations" chapter currently contained in the "AFFECTED PUBLICATIONS" listed below and replace with page two (2) of this Service Information Letter. For those manuals listed below that do not contain a airworthiness limitations chapter, attach page 2 to the first page of the manual.

MODELS AFFECTED: All.

AFFECTED PUBLICATIONS:

FORM #	MANUAL TITLE	REVISION DATE
X30008	A65, A75 Maintenance, Overhaul & Parts Manual	8/77
X30010	C75, C85, C90, O-200 Overhaul Manual	1/84
X30622A	IO-240-A Overhaul Manual	11/93
X30027	IO-346 Overhaul Manual	7/80
X30013	C125, C145, O-300 Overhaul Manual	6/82
X30019	GO-300 Overhaul Manual	8/81
X30594A	IO-360 Overhaul Manual	6/92
X30596A	L/TSIO-360 Overhaul Manual	12/92
X30016	E165, E185 & E225 Overhaul Manual	10/78
X30586A	O-470 Overhaul Manual	10/92
X30588A	IO-470 Overhaul Manual	8/92
X30039A	IO-520 Overhaul Manual	1/92
X30033	TSIO-470 Overhaul Manual	5/69
X30574A	TSIO-520 Permold Overhaul Manual	7/85
X30575A	L/TSIO-520 Sandcast Overhaul Manual	11/87
X30568A	IO-550 Permold Overhaul Manual	3/85
X30607A	IO-550 Sandcast Overhaul Manual	9/92
X30600A	TSIOL-550 Overhaul Manual	2/90
X30045A	GTSIO-520 Overhaul Manual	8/78
X30144	Tiara Overhaul Manual	3/79
X30009	W670 Overhaul & Parts Manual	12/56

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AIRWORTHINESS LIMITATIONS

The Airworthiness Limitations section has been FAA approved and specifies maintenance required under §§43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved. Federal Aviation Regulations §§43.16 and 91.403 require owner/operator compliance with all maintenance limitations in this section concerning mandatory replacement times, inspection intervals and other related procedures that are specific to this engine. Any such limitations listed below are part of the design limits of the engine and the engine was type certificated based upon required owner/operator compliance with the limitations.

1. Mandatory Replacement Times.

Subject to additional information contained in FAA Airworthiness Directives (AD) issued after the date of certification, the engines covered in this manual do not contain any components having mandatory replacement times required by type certification.

2. Mandatory Inspection Intervals.

Subject to additional information contained in FAA Airworthiness Directives (AD) issued after the date of certification, the engine does not require specific intervals of inspection pursuant to type certification.

3. Other Related Procedures.


Subject to additional information contained in the Airworthiness Directives (AD) issued after the date of certification, there are no other related procedures required pursuant to the type certification for this engine.

4. Distribution of Changes to Airworthiness Limitations.

Changes to the Airworthiness Limitations section constitute changes to the type design of this engine and require FAA approval. Such changes will be published in FAA Airworthiness Directives (AD).

NOTE

The limitations in this section apply only to specific limitations which are part of the engine design. Under the Federal Aviation Regulations numerous other additional limitations are applicable to this engine and its accessories. For example Federal Aviation Regulation Parts 91 and 43, among other parts, define inspection criteria, maintenance requirements and procedures that are applicable to this engine. It is the responsibility of the owner/operator to maintain the engine in an airworthy condition by complying with all applicable Federal Aviation Regulations and by performing maintenance in accordance with TCM Instructions for Continued Airworthiness, which consist of TCM publications and service documents.

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