

CONTINENTAL MOTORS® AIRCRAFT ENGINE
SERVICE INFORMATION LETTER

CATEGORY 5
SIL16-2

Contains Useful Information Pertaining To Your Aircraft Engine

SUBJECT: M-0, Standard Practice Maintenance Manual Release

PURPOSE: Announce availability and applicability of the
M-0, Standard Practice Maintenance Manual

COMPLIANCE: During all scheduled and unscheduled engine maintenance activity

MODELS

AFFECTED: Continental Motors (CM) horizontally opposed, spark-ignited aircraft engines operating on aviation gasoline (AvGas) listed below

I. GENERAL INFORMATION

Continental Motors is proud to announce the release of the M-0, Standard Practice Maintenance Manual. The Standard Practice Maintenance Manual applies to all horizontally opposed, spark-ignited aircraft engines operating on AvGas fuel.

The content of M-0 is supplemental to the existing Instructions for Continued Airworthiness (ICA) for Continental Motors' engines listed in Section II, "Applicability". M-0 contains scheduled maintenance intervals and thorough instructions for the owner to complete the maintenance and many standard repairs within the document. See Section III, "Incorporated Service Documents" for a list of service documents incorporated in, and superseded by M-0.

M-0, Standard Practice Maintenance Manual is available for immediate download from the Continental Motors web site at www.continentalmotors.aero. Printed copies are available for purchase from the CM Powerstore (www.cmipowerstore.aero).

II. APPLICABILITY

Continental Motors Part No. M-0, is supplemental, as defined by Title 14 CFR§33.4, to the maintenance and overhaul manuals listed below. Together, this manual, those listed below, active service documents and FAA Airworthiness Directives comprise the Instructions for Continued Airworthiness for applicable engines.

Layered instructions, found in both M-0 and the principal ICAs listed below, will be revised to reference the instructions in M-0. Until revisions are complete, where a conflict of instructions or specifications is discovered between the principal ICA and M-0, the contents of M-0 shall be required.

Part No.	Title	Applicability
M-2	Maintenance and Overhaul Manual	O-200-D, X
M-6	Maintenance and Overhaul Manual	IO-240
M-7	Maintenance and Overhaul Manual	IO-360
M-11	Maintenance Manual	IO-520 Permold
M-16	Maintenance and Overhaul Manual	IO-550 Permold

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M-18	Maintenance and Overhaul Manual	TSIO-550 Permold
M-22	Maintenance and Overhaul Manual	IOF-240
M-24	Maintenance Manual	IOF-550-A, B, C, G, N, P & R
M-26	Maintenance and Overhaul Manual	TSIOF-550
OH-15	Overhaul Manual	TSIOL-550-C
OH-24	Overhaul Manual	IOF-550
OMI-15	Operation, Maintenance and Installation Manual	TSIOL-550-C
X30008	Overhaul Manual	A-65, A-75
X30010	Overhaul Manual	C-75, C,85, C90, O-200-A, B
X30013	Overhaul Manual	C-125, C-145, O-300
X30016	Overhaul Manual	E-165, E-185, E-225
X30019	Overhaul Manual	GO-300
X30027	Overhaul Manual	IO-346
X30033	Overhaul Manual	TSIO-470
X30039	Overhaul Manual	IO-520
X30045	Overhaul Manual	GTSIO-520
X30144	Overhaul Manual	TIARA 6-285 and 6-320
X30531	Alternator Service Instructions	Continental alternators
X30571	Maintenance and Operator's Manual	TSIO-360-LB
X30574	Overhaul Manual	TSIO-520-B, BB, BE, D, DB, DB, E, EB, J, JB, K, KB, L, LB, N, NB, U, UB, VB, WB Permold series
X30575	Overhaul Manual	LTSIO-520-AE TSIO-520-C, CE, G, H, M, P, R, T, AE, AF Sandcast series
X30586	Overhaul Manual	O-470-A, B, E, G, J, K, L, M R, S, U
X30592	Starter Service Instructions	Energizer® starters
X30596	Overhaul Manual	LTSIO-360-EB, KB & RB, TSIO-360-A, AB, B, C, CB, D, DB, E, EB, F, FB, G, GB, H, HB, J, JB, K & KB, LB, MB, SB
X30596S1	Overhaul Manual	LTSIO-360-RB, TSIO-360-RB

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X30600	Overhaul Manual	TSIOL-550-A
X30601	Maintenance and Operator's Manual	TSIOL-550-A
X30605	Maintenance Manual	IO-550-D, E, F & L
X30607	Overhaul Manual	IO-550-D, E, F & L
X30645	Maintenance Manual	LTSIO-360-RB TSIO-360-RB
X30672	Maintenance Manual	TSIO-360-MB, SB

III. INCORPORATED SERVICE DOCUMENTS

NOTE: Mandatory Service Bulletins and Critical Service Bulletin (marked with an asterisk (*) in the left column) were incorporated in, but not superseded by, M-0.

Document

Number	Service Document Title
M67-12	Overboost of Turbocharged Engines
M72-17R1	Maximum Weight Difference Between Connecting Rods and Pistons in the Same Engine
M76-4	Propeller Shaft or Crankshaft Oil Seal Replacement
M76-8	Intake Valve Change
M77-3	Use of Alternate Fuels in Engines Originally Certified for 80/87, 91/96 and 100/130 Grade Fuels
M87-15	Alternator Ground Strap
M88-9	Lightning Strikes
M88-10	Contaminated Fuels
M89-7R1	Engine Operation after Cylinder Replacement and/or Major Overhaul
M89-9	Excessive Crankcase Pressure
M90-17	Crankcase Inspection Criteria
SIL93-11B	Service Document Format
SIL93-15	General Practices for Installation of Lock Wire, Tab Washers, and Cotter Pins
* MSB94-8D	Magneto to Engine Timing
SB95-2	Inspection and Maintenance of Engine Control Cables and Linkage
SB95-3B	Alternator/Generator Drive Coupling
SIL95-5	Hose and Tubing Installation
SB96-7D	Torque Limits
* MSB96-10B	Crankshaft Ultrasonic Inspection

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SB96-11B	Propeller Strikes and Hydraulic Lock
SB96-12	Cylinder Continued Airworthiness
SID97-2B	Design, Operation Maintenance and Warranty of Cylinders
SID97-3G	Continuous Flow Fuel Injection Systems Adjustment Specifications and Instructions
SID97-4F	Cylinder Bore and Piston Fit Specifications
SB97-6B	Mandatory Replacement Parts
SIL98-9E	Time Between Overhaul Periods
SIL99-1	Engine Preservation for Active and Stored Aircraft
SIL99-2C	Sealants, Lubricants and Adhesives Authorized by CMI
SB00-3A	Crankshaft, Counterweight and Connecting Rod Repair Information
SIL00-9A	Engine Data Plates
SIL00-11B	Release of new Cylinder Induction Port Drain Connector
SIL03-1	Cold Weather Operation - Engine Preheating
SIL03-2C	Currently Active Approved Spark Plug Application
SB03-3	Differential Pressure Test and Borescope Inspection
SIL04-12A	Authorized Engine Adjustments, Component Replacement and Repositioning
SB05-2	Overspeed Limitations
* CSB08-3C	Throttle & Mixture Control Levers
SB08-13	Induction System Hose and Clamp Installation
SB11-3	Alternator and Drive Coupling Installation
SIL13-2A	Alternator Instructions for Continued Airworthiness
SB14-8	Exhaust Flange to Cylinder Installation

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