

TELEDYNE CONTINENTAL[®] AIRCRAFT ENGINE

CATEGORY 5

SERVICE INFORMATION LETTER

Contains Useful Information Pertaining To Your Aircraft Engine

SIL 00-11A

Technical Portions FAA
Approved

REASON FOR

REVISION : This Service Information Letter is being revised to add the IO-550-N 7 engine to the Models Affected Section.

SUBJECT: RELEASE OF NEW CYLINDER INDUCTION PORT DRAIN CONNECTOR

PURPOSE: To Notify Owners, Operators and FBO's of the availability of P/N 655742 Cylinder Induction Port Drain Connector, Replacing Drain Connector P/N 632068, To Enhance Cold Weather Engine Starting Characteristics.

COMPLIANCE: At Engine Overhaul, Cylinder Replacement or to Enhance Cold Weather Starting Characteristics.

MODELS

AFFECTED: All IO-240-B; IO-360 series; LTSIO-360 series; TSIO-360 series; IO-550-N 7 series engines.

This Service Information Letter provides instruction for the installation of cylinder induction port fuel drain connectors P/N 655742.

Refer to the aircraft manufacturer's maintenance manual for instruction on removing engine cowling and associated hardware to facilitate access to engine and cylinder induction port fuel drain lines and plumbing.

Refer to the applicable IO-240, IO-360, TSIO-360 and IO-550 Overhaul or Maintenance Manual for instructions on removing cylinder induction port drain connectors and attaching drain lines and plumbing.

To install the P/N 655742 drain connectors:

1. Sparingly coat the male threads of drain connector P/N 655742 with TCM P/N 646940 (Loctite 569) sealant.
2. Install the drain connector P/N 655742 into the tapped hole in the bottom of each cylinder induction port. Torque the drain connector to 60 – 80 inch lbs. Repeat the procedure for each cylinder.

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3. Reinstall fuel drain lines and plumbing removed to facilitate installation of cylinder induction port drain connectors.
4. In accordance with the aircraft manufacturer's maintenance manual, pressurized the fuel injection system and insure that the cylinder induction system drains are functioning correctly and no excess fuel remains in the cylinder induction port. Correct any discrepancies noted

Note: Refer to TCM SB 96-11 for precautions on preventing cylinder Hydraulic Lock.

5. In accordance with the aircraft manufacturer's maintenance manual, reinstall the engine cowlings and any other hardware removed to facilitate installation of cylinder drain connectors.
6. Make an engine logbook entry noting installation of cylinder drain connectors P/N 655742.

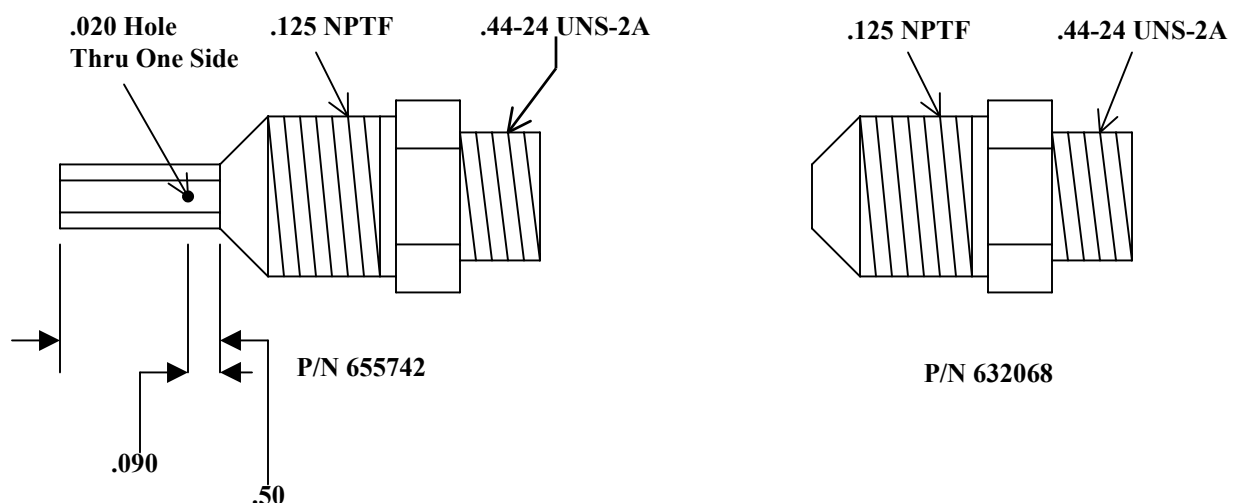


FIGURE 1
Cylinder Induction Port Fuel Drain Fittings

WARRANTY:

Compliance with this Service Information Letter is not covered by warranty.

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