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SERVICE INSTRUCTION

DATE: February 1, 2012

Service Instruction No. 1457A
(Supersedes Service Instruction No. 1457)
Engineering Aspects are
FAA Approved

SUBJECT: Optional Remote-Mounted Oil Filter Kits

MODELS AFFECTED: All 320, 360, 390, 540, 580, IO-720 Direct Drive Series Engines with Two Individual Magnetos
All 235 Engines with the Accessory Housing Machined for Oil Cooler Installation

NOTE

These kits cannot be used with single drive dual magneto engine models.

TIME OF COMPLIANCE: At owner's discretion

NOTE

Incomplete review of all the information in this document can cause errors. Read the entire Service Instruction to make sure you have a complete understanding of the requirements.

This Service Instruction identifies remote-mounted oil filter kits for installation on specified Lycoming engines.

The remote-mounted oil filter kit has the following advantages over the current remote filter system:

1. New engine-mounted cover plate, with provision for mounting an oil temperature probe and uses less space than those parts on the current system.
2. Location and positioning of parts can be selected to offer maximum accessibility.
3. Less clean-up during filter change because of the orientation of the oil filter.

For inquiries of availability and cost of these kits, speak with your local Lycoming Engines Distributor.

Part numbers of available remote-mount oil filter kits for affected Lycoming engine models are:

<u>Kit Part Number</u>	<u>Engine Models</u>
05K21645	235 Series Engines
05K21646	IO-720 Series Engines
05K21437	320, 360, 390, 540, and 580 Series Engines



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NOTE

Refer to the installation drawing included in each kit for additional details.

1. Fittings, hoses and the thermostatic bypass valve are not supplied with the subject kits. The oil temperature probe and gasket are supplied by the customer.
2. In the engine logbook, record compliance with this Service Instruction as part of the aircraft records.

NOTE

If this installation is not a factory airframe option, an approved FAA Form 337 could be necessary.

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