

MANDATORY

SERVICE BULLETIN

DATE: February 21, 2005 Service Bulletin No. 565
Engineering Aspects are
FAA Approved

SUBJECT: Diaphragm-Type Fuel Pump Inspection/Replacement

MODELS AFFECTED: New, rebuilt and overhauled engines shipped from Lycoming between October 1, 2001 and February 2, 2004 with fuel pump P/N LW-15473. Engine models affected are IO-320, -360, -540; AIO-320, -360; AEIO-320, -360, -540; HIO-360; TO-360-C1A6D, -F1A6D and O-540-L3C5D. Fuel pumps replaced in the field with a genuine Lycoming fuel pump after October 1, 2001 and up to the date of issuance of this Service Bulletin.

TIME OF COMPLIANCE: Next 25 hours or next oil change whichever occurs first, or earlier at owner's discretion.

Lycoming has received two reports that indicate a number of diaphragm-type fuel pumps, Lycoming P/N LW-15473, may not have been manufactured in conformance with specifications. This can result in restricted and/or loss of fuel flow.

WARNING

DO NOT INSTALL ANY FUEL PUMP WITH THE MANUFACTURER'S CODE OF 154733201.

If your Lycoming engine has a diaphragm-type fuel pump with Lycoming P/N LW-15473 installed, and has a date code of 3201, the pump must be replaced prior to next flight.

NOTE

Some installations may require removal of the fuel pump to read the manufacturer's code. When reinstalling or replacing the fuel pump use a new fuel pump gasket.

To identify affected pumps, check the manufacturer's code scribed on the pump. (See Figure 1.) If the number is 154733201, the pump is affected and must be replaced prior to next flight.

Make the appropriate logbook entry including fuel pump date code.

WARRANTY:

If replacement is required, reimbursement is available for a replacement fuel pump and for up to 1.5 hours labor through a Lycoming Distributor. Lycoming requires the replaced pump be returned with a valid warranty claim for warranty consideration. Warranty for pump replacement will be in affect for one year from the date of this Service Bulletin.

