

>>> Service Letter

Technical Aspects are FAA Approved

Number: L91-01 B

Replaces L91-01A

Date: 10/18/2013

Subject: The SL13444-1 piston pin assembly is eligible for use in Lycoming 320, 360, 480, 540, 541 and 720 Series engines incorporating heavy wall piston pins and piloted piston pin plugs.

Application: All Lycoming 320, 360, 480, 540, 541 and 720 Series engines incorporating heavy wall piston pins and piloted piston pin plugs.

To further improve the durability of the piston pin plug, Superior Air Parts has developed a piston pin assembly, the SL13444-1, for Lycoming 320, 360, 480, 540, 541 and 720 Series engines. This new assembly incorporates a heavy wall piston pin and two piloted plugs that are press-fitted into the inside diameter of the piston pin during manufacturing. The SL13444-1 piston pin reduces the likelihood of piston pin plug failure that is experienced with the slip fit type plugs.

The SL13444-1 piston pin assembly can be installed in complete sets. It is also interchangeable individually in any of the applicable Lycoming steel, nitrided or chrome cylinders incorporating heavy wall piston pins SL13444, LW-14077 or LW-14078 and piloted piston pin plugs SL11775 or LW-11775. However, due to weight differences, the SL13444-1 **CANNOT** be mixed in the same engines with 72198 aluminum bronze alloy or 60828 aluminum alloy piston pin plugs.

Users must comply with all applicable Lycoming service bulletins, letters and instructions referring to the installation or use of piston pins and/or piston pin plugs for Lycoming 320, 360, 480, 540, 541 and 720 Series engines. Failure to comply may result in engine damage or failure.