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# SERVICE INSTRUCTION

DATE: February 25, 2011

Service Instruction No. 1454A  
(Supersedes Service Instruction No. 1454)  
Engineering Aspects are  
FAA DER Approved

SUBJECT: Rocker Arm Assembly Replacement Part

MODELS AFFECTED: All Lycoming engines incorporating parallel valves except O-235 Series, O-290 Series, O-320-H Series and TO-360-E Series.

TIME OF COMPLIANCE: Anytime valve rocker assemblies are removed.

### 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 Rocker Arm Assembly P/N 17F19357 to be installed on the parallel intake and exhaust valves on all cylinders. Rocker Arm Assembly P/N 17F19357 supersedes Rocker Arm Assembly P/N 17F19353

The supersedure history for the Rocker Arm Assembly is as follows:

LW-18790 —————> 17F19353 —————> 17F19357

Prior to P/N LW-18790 Rocker Arm Assembly, one (1) each of Rocker Arm Assembly P/N 69444 (intake) and P/N 74636 (exhaust) were installed on the respective intake and exhaust valve.



Rocker Arm Assemblies P/N 69444 and P/N 74636 are not interchangeable with one another.

Rocker Arm Assembly P/N 69444 (which only can be installed on the intake valve) is identified by the oil drain hole located under the push rod end of the body. Rocker Arm Assembly P/N 74636 (which only can be installed on the exhaust valve) is identified by the oil drain hole located under the valve end.

### NOTE

Before reusing Rocker Arm Assembly P/N LW-18970, refer to the latest revision of Lycoming Service Bulletin No. 477 (AD 87-10-06).

### NOTE

The new Rocker Arm Assembly P/N 17F19357 can be installed in either the intake or exhaust valve position without changing the other rocker on that cylinder.



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