

service bulletin

M77-19

FAA-DER Approved

August 12, 1977

TO: Distributors, Dealers, Engine Overhaul Facilities, Owners and Operators of Teledyne Continental Motors' Aircraft Engines.

SUBJECT: Intake and Exhaust Rocker Arm Identification and Application

MODELS

AFFECTED: C-75, C-85, C-90, C-125, C-145, O-200 and O-300 Series Engines

Gentlemen:

It has been brought to the attention of Teledyne Continental Motors Aircraft Service Department that on occasion intake and exhaust rocker arms are not being installed in their proper respective positions during servicing of the above mentioned model engines.

We wish to point out that intake rocker arms, Teledyne Continental Motors part number 639614, do not have an oil orifice drilled in the valve stem end of the rocker arm as does the exhaust rocker arm, Teledyne Continental Motors part number 639615. The oil orifice as evident in Figure 1 provides needed lubrication to the exhaust valve stem during engine operation. Caution notes regarding this subject should be placed in your Teledyne Continental Motors Overhaul Manuals Form Number X-30013 dated July, 1970, or earlier and Form Number X-30010 dated April, 1973 or earlier.

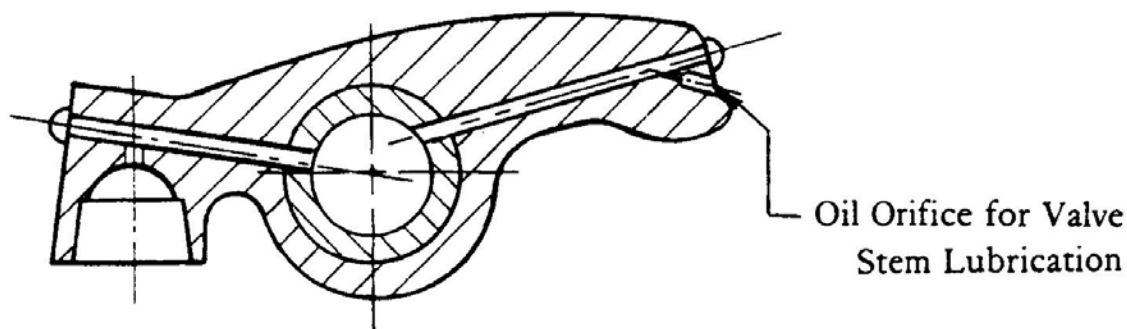


FIGURE 1

Teledyne Continental Motors part number 639615 exhaust rocker arm.