

DUNCAN INTELLIGENCE

Learjet 30 Series MLG Strut Life Limit

• *Jerry Cable*

Presently, the Lear 30 series replacement requirements for the MLG struts are set to either 9,000 or 12,000 landings, depending upon which cylinder is installed. Most operators have reached or surpassed the 9,000 landing mark and have upgraded their struts to 12,000 landings or replaced them. Recent revisions to the Chapter 5 Replacement Schedule have left some operators confused and looking for a cylinder, P/N 3141100, that would change the limit of their MLG struts to 16,500.

Learjet Field Service and Engineering have reviewed these changes and have said that a temporary revision will be released to amend these new part numbers and time limits. The revision will allow any Lear 30 series strut with an installed cylinder P/N of 6041101 to remain in service until 16,500 landings.

This can be accomplished in two ways. Operators can purchase a previously upgraded strut, either new or overhauled or they can have their struts upgraded by installing the kit required by SB 35/36-32-16 or 31-32-11, which contains a cylinder P/N 6041101 and other items to modify the strut.

Please keep in mind that the Major Landing Gear Inspection requirements for 6000 landings have not changed. This means that if struts are upgraded at the 12,000 landing mark, then the inspection will also be due at that time.

For additional information about the Lear 30 Series strut life, please contact Duncan Aviation Component Solutions at 800.228.1836 and ask for Jerry Cable at ext. 8112.

Intermittent Problems with your VG-301

• *Rob Cline*

Duncan Aviation technicians are quite familiar with the intermittent failures on the VG-301. A common culprit is the AM-101 Servo Amp. This has been a quality piece for many years; however, a frequent flaw in these classic amps is the original soldering. Over the years, it just gives up! If you suspect the AM-101 is causing intermittent failures on your VG-301, this may be the problem.

For more information about this soldering problem and what your options are, please contact Curt Campbell at 402.479.4220

Consider 8.33 kHz Spacing & FM Immunity Upgrades

• *Dan Magnus*

Duncan Aviation performs many 8.33 and FM immunity upgrades a year. During the upgrade, many customers wisely opt for service bulletins (from most manufacturers) that replace capacitors. These upgrades are inexpensive and can significantly extend the life of the unit by reducing the likelihood of leaking capacitors damaging PC boards.

To learn more about the service bulletins or current and upcoming 8.33 kHz Spacing and FM Immunity mandates, please contact Dan Magnus at 402.479.4217

