

Date: 9 January 2018
To: Thai Aviation Services Limited
Regarding: MGB Low Press At Ground Idle - Request For Adjustment
Technical Case #: C0078542
Attn: Daryl Dixon

S76 Oil Lube Pump Adjustment Procedures

- 1) Prepare for pump adjustment by removing lock-wire and loosening locking nut without rotation of pressure adjustment screw on both pumps.
- 2) With a permanent marker add index marks on the locking nut of both pumps using time clock positions 12 and 6, 9 and 3. Either of the time clock positions 12 and 6 or 9 and 3 are to be parallel with the adjustment screw slot.

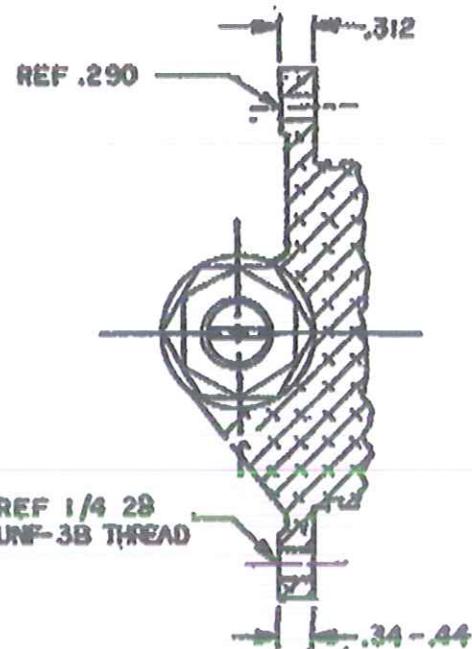
Note: Turn adjustment screw on the pump counter-clockwise to decrease oil pressure, and clockwise to increase pressure. A quarter turn of the adjustment screw will equal 10 PSI to the pump pressure at the pump and a smaller change will be seen on the cockpit gage. Both Pumps need to be adjusted equally.

- 3) Turn the adjustment screws in $\frac{1}{4}$ turn increments for initial reset and review cockpit pressure. Finer adjustments can then be made but both pumps must be adjusted equally.
- 4) Achieve a Main Gearbox Oil Pressure of 75 - 80 PSI at 107Nr Ground Flight Idle with a stabilized Main Gearbox Oil Temperature above 68 C.
- 5) Re-torque the nuts to 90-100 inch pounds and lock-wire after completion of oil pressure adjustments.

RECORD ALL ADJUSTMENTS ON THE APPLICABLE CHR

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Best Regards,

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