



# Service Instruction

ENGINE COMPONENTS, INC.

S.I. No.: 03-5

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**Title: DIPSTICK CALIBRATION FOR 8 QUART SUMPS ON TITAN™ ENGINE KITS**

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*For Experimental Aircraft*

**1.0 SUBJECT:** This service instruction covers the calibration of AEL14860 dipsticks for use in TITAN™ Engine Kits.

**2.0 PROCEDURE:**

**2.1** With the aircraft in normal ground attitude, add four quarts of oil in the sump. Install AEL14860 dipstick, remove, and scribe or vibropeen a line at the oil level. Scribe or vibropeen “4” just above this line.

**2.2** Repeat the process at two quart intervals until eight quarts is reached. Upon completion, the dipstick is calibrated.

**3.0 PRECAUTIONS:** TITAN™ Engine Kits are designed to work with six quarts in normal operation. Eight quarts may be used for longer flights, and four quarts should always be maintained.