



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.