

# **B & C Specialty Products Inc**

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**Manufacturer of Lightweight Electrical Systems**

## **Instructions for Continued Airworthiness for**

**B&C Specialty Products Model L60 Alternator**

The B&C Model L60 alternator requires no recurrent maintenance during its service life of 2000 hours. It is recommended that at 2000 hours or less time in service or during engine overhaul the alternator be returned to B&C Specialty Products for factory overhaul.

At each Annual or 100 hour inspection required by the FAA, check the alternator externally for security of mounting and wiring. Perform an operational test to determine that the alternator maintains the aircraft electrical bus at the approximate regulator set point as loads are added and removed (at high loads, cruise RPM may be required). Belt tension should be checked by making sure that the alternator pulley may not be rotated by hand inside the belt. Alternately, approximately 50 Lbs. belt tension may be used. The belt should be checked for cracking or fraying and replaced if these conditions are found.

Failure due to broken wires or damaged connectors may be corrected in the field using repair procedures complying with the latest revision of AC43.13-xx. All other repairs are by replacement only.

**THESE UNITS CARRY NO STC OR PMA APPROVAL AND MUST BE  
ACCOMPANIED BY A ONE TIME FIELD APPROVAL FOR USE ON A TYPE  
CERTIFICATED AIRCRAFT**