

# **B & C Specialty Products Inc**

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**Manufacturer of Lightweight Electrical Systems**

**Instructions for Continued Airworthiness  
for**

**B&C Specialty Products Models 200G Alternator  
with PMR1-14 Regulator  
and  
BC433-H Alternator with PMR3 Regulator**

The B&C Model 200G and BC433-H alternators incorporate a Type Certified Continental drive gear assembly.

The alternators, excluding the drive gear assembly, require no recurrent maintenance during their service life of 2000 hours. It is recommended that at 2000 hours time in service or during engine overhaul (which ever is sooner) the alternator and drive gear assembly be returned to B&C for factory evaluation/overhaul.

Every 500 hours time in service or less the drive gear assembly should be checked for backlash per Continental service instructions. This may be done by manual manipulation of the external magnetic housing that rotates with the gear. The drive gear assembly may be serviced in the field by replacement of any required parts per Continental service instructions. Refer to Continental service bulletin SB#95-3A.

The B&C PMR1 or PMR3 regulator furnished with the alternator requires no recurrent maintenance and has an indefinite service life. 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. Field adjustment of the regulating voltage may be accomplished on the PMR1 only by use of the external adjustment screw if required. 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**