

B & C Specialty Products Inc

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Manufacturer of Lightweight Electrical Systems

**Instructions for Continued Airworthiness
for**

**B&C Specialty Products Model SD-8 Alternator
with
B&C Specialty Products PMR1C Regulator**

The B&C Model SD-8 alternator incorporates an STC/PMA shear coupling/spline drive assembly from the previously approved BC410 alternator design. It is compatible with any AND20000 accessory pad.

The alternator, including the spline drive assembly, requires no recurrent maintenance during its 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 spline drive assembly be returned to B&C for factory evaluation/overhaul.

The B&C PMR1C regulator furnished with the SD-8 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 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**