

B & C Specialty Products Inc

123 East 4th St, P.O. Box "B", Newton KS 67114-0894
Telephone (316) 283-8000 ***** Fax (316) 283-7400

Manufacturer of Lightweight Electrical Systems

Instructions for Continued Airworthiness for

B&C Specialty Products Model LR3C-14/28 Regulators

The B&C LR3C-14 or 28 regulators require no recurrent maintenance and have an indefinite service life. At each Annual or 100 hour inspection required by the FAA, check the regulator externally for security of mounting, tightness of terminal screws, and chafing or breakage of wiring. Perform an operational check to determine that the regulator maintains the aircraft electrical bus at its approximate set point as loads are added and removed (at high loads, cruise RPM may be required).

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 regulated voltage may be accomplished by use of the external adjustment screw if required. The adjustment screw is located under a 3/4" diameter black plastic cover along the edge of the regulator. The plastic cover may be pried from the access hole and a small screwdriver used for the adjustment. Turning the screw clockwise increases the set voltage. 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**