



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

**Instructions for Continued Airworthiness
for
B&C Specialty Products BC462-H Alternator**

The BC462-H alternator requires no recurring maintenance during its service life of 1700 hours. We recommend the alternator be returned to B&C Specialty Products for factory overhaul at 1700 hours (or less) time in service or during engine overhaul.

Inspection:

1. At each Annual or 100 hour inspection, perform a normal engine run-up and note whether the alternator vibrates or is mechanically noisy. If so, suspect a bearing failure. Bearing failure may also be indicated by gray dust residue around the rear housing cooling slots. If bearing failure is suspected, return the alternator to the factory for repair or replacement.
2. At each Annual or 100 hour inspection, check for security of alternator wiring. Look for dark discoloration of the copper plated output stud and nut. If it is discolored or corroded, be suspicious of a poor terminal crimp on the output wire. Disconnect the terminal and clean the output post and nut with a brass wire brush. Replace the crimp terminal by removing enough conductor length to obtain a clean, bright stripped conductor before crimping on a new ring terminal. Re-install the terminal on the output post using a lock washer and nut and torque the nut to 50 In-Lbs.
3. At each Annual or 100 hour inspection, perform the "Final Test" described in the BC462-H Installation Instructions. Failure of the "Final Test" would be cause for further examination of the Alternator, Regulator, and/or associated wiring.

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 factory service or replacement only.

**IF THIS UNIT IS TO BE INSTALLED ON A TYPE-CERTIFICATED AIRCRAFT
IT MUST BE ACCOMPANIED BY AN STC OR BY A ONE-TIME FIELD APPROVAL**