

MANDATORY SERVICE BULLETIN

SUBJECT: Thermawing Kit NCK-004 & NCK-005 Alternator Belt Tension

PURPOSE: Adjust Belt Tension

MODELS AFFECTED: LC 41-550FG LC 42-550FG

AIRCRAFT SERIAL NUMBERS: 41004, 41018, 41028, 41036, 14055, 41058, 41087, 41504, 42010, 42071 AND AIRCRAFT WITH KITS INSTALLED PRIOR TO THIS DATE.



1. Reason: Alternator Belts were fraying on their edges due to too high belt tension
2. Compliance: Upon Receipt of this Bulletin
3. Manpower: .5 Hr Man-hours labor
4. Weight and Balance: N/A
5. Electrical Load: N/A
6. References: NC-04-040 Rev. D-Maintenance Manual
7. Other Publications Effected: ICA

Torque alternator belt to 200 in-lbs. On a new belt installation, recheck the belt tension after two to four hours and there after on normal inspection schedule. Normal belt tension operating range is set between 180 to 200 in-lbs.

Make and appropriate log book entry to show compliance.

Warranty:

Up to .5 hrs labor will be reimbursed for adjustment of belt. Comply with Kelly Aerospace Thermal Systems warranty through your Columbia Service Center and Columbia Aircraft Manufacturing. This warranty for service bulletin #06-001 remains in effect until July 7th, 2006

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