Service Letter Number: 73

Date: March 11, 2008 (Supersedes Product Reference Memo 52, Dated 17 January 2000)

Subject: Mandatory Replacement of Controller-Inverter Nichols Airborne PN 1E48-1 (Cessna PN 9914130-12).

Applicability: The Controller-Inverter referenced above is used on Citation 650 aircraft serial numbers 0001 thru 0241 and 7001 thru 7119. This service letter applies to 1E48-1’s with serial numbers before 11BA56 that do not end with “C”. The first number(s) of the serial number indicate the month of manufacture. (i.e., January through December). The letters of the serial number indicate the year of manufacture in accordance with the table below. The final numbers of the serial number represent the number of that particular PN built in that year. For example, the serial number 11BA56 (referenced above) would indicate that it was manufactured in November of 2005 and that it was the 56th 1E48-1 built in 2005.

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Background: Engineering analysis indicates a potential anomaly within some of these Controller-Inverters that can cause damage to the associated Indicator-Selector Nichols Airborne PN 1E45-1 (Cessna PN 9914130-14) or 1E45-2 (Cessna PN 9914130-15) installed in the aircraft.

Failure to follow this service letter may result in damage to the Indicator-Selector and one of the temperature control valves remaining at its last position, thus compartment temperature will not regulate and the temperature in this zone may become be too hot or too cold.

Compliance:

Compliance with the following is mandatory, if the serial number of the 1E48-1 Controller-Inverter is listed in the applicability section above.

Mandatory Replacement of applicable Controller-Inverters Nichols Airborne PN 1E48-1 (Cessna PN 9914130-12) is required at any service interval within the next 36 months.

If the Indicator-Selector Nichols Airborne PN 1E45-1 (Cessna PN 9914130-14) or 1E45-2 (Cessna PN 9914130-15) is being changed prior to the replacement of the applicable Controller-Inverters Nichols Airborne PN 1E48-1 (Cessna PN 9914130-12) listed above, then change the applicable Controller-Inverters at this time to avoid any damage to the replacement Indicator-Selector.
**Approval:**

The technical content of this Service Letter that affects Type design is FAA approved.

Any questions concerning this Service Letter or requests for copies of any Nichols Airborne Service Letters (copies can also be printed from Nichols Airborne’s website) should be directed to Nichols Airborne Customer Support Team as follows:

- **Toll Free Phone Number:** 800-382-8422
- **Direct Phone Number:** 440-284-6215
- **FAX Number:** 440-284-6208
- **E-Mail:** techhelp@parker.com
- **Website:** www.parker.com/ag/nad