**Cessna Citation CJ4 (525C)**

*Original Equipment & STC Certified Heavy Duty Sealed Lead Acid Battery Installations*

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**Cessna P/N S3597-8 (24V, 42Ah)**

Concorde Original Equipment Battery Option or Installed by Cessna Service Bulletin SB525C-24-05

**FAA STC SA00944DE**

**Main Battery Upgrade -**

Cessna P/N S3597-8 (24V, 42Ah) or Cessna P/N 9914788-1 (24V, 44Ah) or Cessna P/N 9914058-6 (24V, 44Ah)

is replaced with either

RG-380E/60L (24V, 48Ah) or RG-380E/53L (24V, 53Ah)

**Specifications:**

This STC provides the opportunity to upgrade 525C to a higher capacity Concorde RG® Series battery resulting in increased reserve capacity, improved starting performance or fleet standardization. Either Concorde’s RG-380E/60L (48Ah) or RG-380E/53L (53Ah) may be installed in place of the original equipment Nickel Cadmium, Lithium Ion or Lead Acid battery.

Concorde’s RG-380E Series of batteries have the same design footprint and are therefore interchangeable without airframe modification.

1. Remove existing main battery from the aircraft in accordance with (IAW) the Aircraft Maintenance Manual Section 24-31-10-4 (not supplied).
2. Install Temperature Sensor TS-C1B on the Concorde replacement battery IAW Concorde Drawing 5-0117.
3. Install the Concorde replacement battery into the aircraft, following procedures IAW the Aircraft Maintenance Manual or Cessna Service Bulletin SB525C-24-05.

STC document package includes installation instructions and Temperature Sensor (kit 5-0121).
FAA STC SA00944DE
Main Battery Heavy Duty
Upgrade Options –
RG-380E/60L, 48Ah
RG-380E/53L, 53Ah

RG-380E/53L

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rated Capacity</th>
<th>IPP 23°C / 74°F</th>
<th>IPP -18°C / 0°F</th>
<th>IPP -30°C / -22°F</th>
<th>Maximum Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG-380E/60L</td>
<td>48Ah</td>
<td>1600</td>
<td>1200</td>
<td>900</td>
<td>96 LB / 43.6 KG</td>
</tr>
<tr>
<td>RG-380E/53L</td>
<td>53Ah</td>
<td>1650</td>
<td>1200</td>
<td>1125</td>
<td>96 LB / 43.6 KG</td>
</tr>
</tbody>
</table>

RG-380E/60L

Miscellaneous

P/N 5-0121 Kit – Includes TS-C1B Temperature Sensor
Installation instructions included