Gulfstream G350 & G450 Certified Sealed Lead Acid Battery Installation



Photo provided by Millard Management Company



RG-380E/46L (46Ah)

FAA STC ST00890DE

Main Battery Upgrade –

Securaplane9750W0380-1 (24V, 45Ah) are replaced with higher capacity RG-380E/46L (24V, 46Ah).

- No modifications required to the airframe
- Commercially available through a Worldwide Distribution Network
- Hazmat Exempt
- Fully recyclable

Made in the U.S.A.

Specifics:

STC provides for the installation of two Concorde RG-380E/46L valve regulated sealed lead acid batteries to replace the existing lead acid batteries. Installation does not apply to aircraft with Gulfstream ASC 069 that are equipped with nickel cadmium batteries.

1) Remove the existing batteries from the aircraft in accordance with (IAW) Gulfstream Maintenance Manual 24-34-01 Main Battery – Removal/ Installation section (not supplied).
2) Install Temperature Sensor TS-C15 on each Concorde RG-380E/46L replacement battery.
3) Install P/N 7642 Hold Down Bar on each replacement battery.
4) Install P/N 7643 Battery Tray Insert in each of the existing aircraft battery tray locations.
5) Install the RG-380E/46L battery in the space provided in each battery tray insert.
6) Continue the installation following the instructions in the Gulfstream Maintenance Manual 24-34-01 Main Battery – Removal / Installation section. Each installation utilizes the aircraft's original mounting supports and hardware.

CONCORDE BATTERY CORPORATION
2009 San Bernardino Road | West Covina, CA 91790 USA
626-813-1234 | Fax 626-813-1235 | **www.ConcordeBattery.com**
ISO 9001 + AS9100 | *Crafted for Quality in the U.S.A.*

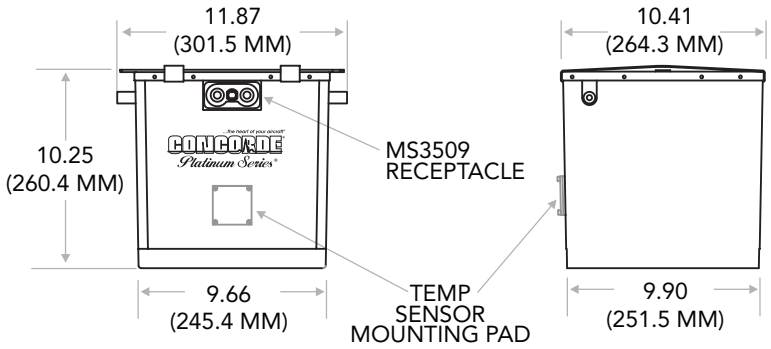
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CONCORDE®

FAA STC ST00890DE

Main Battery Upgrade –
RG-380E/46L, 46Ah



RG-380E/46L (46Ah)



Part Number	Rated Capacity C1 in Ah	IPP 23°C / 74°F	IPR 23°C / 74°F	IPP -18°C / 0°F	IPR -18°C / 0°F	IPP -30°C / -22°F	IPR -30°C / -22°F	Maximum Weight
RG-380E/46L	46Ah	1375	1050	1075	850	875	675	89 LB / 40.4KG

Miscellaneous

P/N 5-0636 Kit

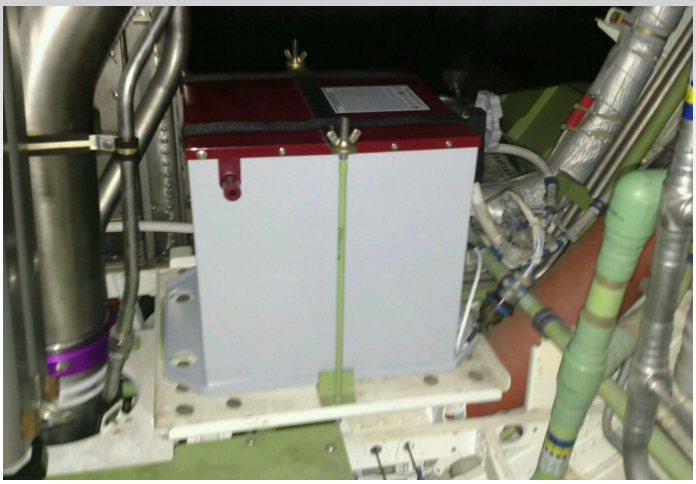
P/N 7688 Insert Bit – 5/32 Hex Drive for hold down bar installation

2 @ P/N 7642 Hold down bars

2 @ P/N 5-0616 TS-C15 Temperature Sensors

2 @ P/N 7643 Battery Tray

Installation instructions included.



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