

# Leonardo A119 & AW119 MKII Certified High Capacity Sealed Lead Acid Battery Installation



## FAA STC SR04007AT

### Main Battery Upgrade –

Existing Saft 2778-1 battery (24V, 27Ah) or Concorde RG-407 (24V, 27Ah) battery is replaced with higher capacity RG-427 (24V, 34Ah).

- Additional capacity for faster starting and reduced engine wear
- Longer battery life
- Reduced cost per flight hour
- No deep cycling requirement
- No water replenishment
- No part replacement
- Hazmat Exempt
- Fully Recyclable – the green solution

Made in the U.S.A.

STC provides for the installation of a Concorde RG-427 higher capacity valve regulated sealed lead acid (VRLA) battery in place of either the original equipment ni-cd battery or the Concorde RG-407 valve regulated sealed lead acid battery.

Lead acid batteries do not require temperature monitoring therefore the temperature sensing system is disconnected and stowed.

1. Remove existing battery from aircraft in accordance with (IAW) Agusta A119 & AW119 MKII Maintenance Manual.
2. Cap & stow the temperature sensor connector from the nickel cadmium battery being replaced. If STC SR09360RC has been installed in this aircraft, this step is omitted.
3. Install placard (6228) on the aircraft instrumental panel in clear view of the pilot on or near the battery temperature indicator and battery temperature alarm indicating non-operational. If STC SR09360RC has been installed in this aircraft, this step is omitted.



RG-427 (34Ah)

4. Install Concorde RG-427 battery in accordance with (IAW) Agusta A119 & AW119 MKII Maintenance Manual for instruction for installing the ni-cd. Omit instruction pertaining to connection of the temperature sensor connector.
5. Update the aircraft weight and balance, adding the weight of the Concorde RG-427 replacement battery and adjusting ballast weights as required.
6. Insert the Concorde FAA approved Instructions for Continued Airworthiness for the battery in the appropriate location in the Agusta A119 & AW119 MKII Maintenance Manual. Concorde Drawing 5-0470.
7. Complete the appropriate forms and return aircraft to service.

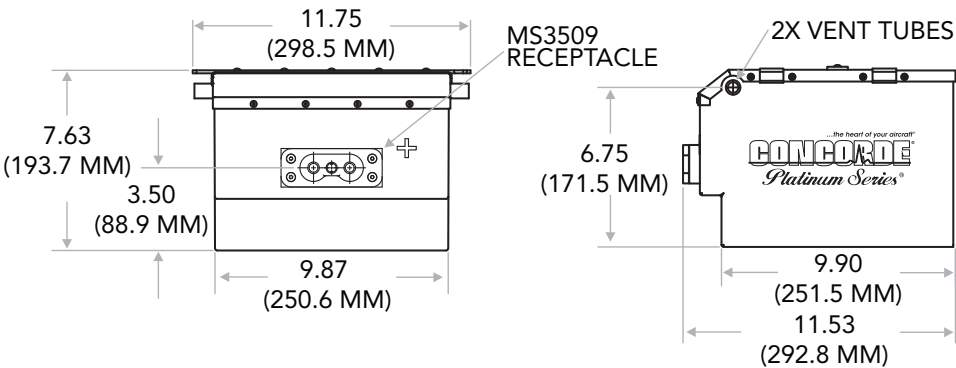
## CONCORDE BATTERY CORPORATION

2009 San Bernardino Road | West Covina, CA 91790 USA  
626-813-1234 | Fax 626-813-1235 | [www.ConcordeBattery.com](http://www.ConcordeBattery.com)  
ISO 9001 + AS9100 | Crafted for Quality in the U.S.A.

...the heart of your aircraft®  
**CONCORDE**  
LEONARDO HIGH CAPACITY A119, AW119MKII STC

FAA STC SR04007AT

Main Battery Upgrade –  
RG-427, 34Ah



Part Number	Rated Capacity C1 in Ah	IPP 23°C / 74°F	IPR 1200 A	IPP -18°C / 0°F	IPR 650 A	IPP -30°C / -22°F	IPR 500 A	Maximum Weight
RG-427	34 Ah	1800 A	1200 A	1325 A	650 A	1025 A	500 A	79 LB / 35.8 KG

Miscellaneous

P/N 6228 – Placard  
Installation instructions included

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