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--- For immediate release ---



Bombardier Challenger 600 Series Aircraft STC Approved to Install Concorde's RG-380E/44L and NEW RG-223 Batteries

Concorde is pleased to announce FAA approval of STC ST01646WI for the Bombardier CL-600-2B16, CL-600-2B19, CL-600-2C10, & CL-600-2D24 to convert from nickel-cadmium or existing lead acid to Concorde's valve regulated sealed lead acid recombinant gas (RG[®]) batteries.



ST01646WI permits the replacement of the main battery alone, the APU battery alone or both batteries. The main battery is replaced with Concorde's NEW design RG-223 (17Ah) battery and the APU battery is replaced with the popular RG-380E/44L (42Ah) battery. Both batteries have passed rigorous TSO C-173 testing for duty cycle, electrical performance, temperature extremes, shock/vibration and environmental requirements and are FAA-TSO authorized.

CL-600 Series aircraft are equipped with a variety of dedicated chargers for each battery. Concorde batteries require the Securaplane Model BC-1306 (P/N 100-1084-01) charger. BC-1306 is FAA-PMA approved and is included in the Illustrated Parts Catalog (IPC) of each aircraft model covered by this STC. Installation of the BC-1306 battery charger is not included in this STC since they are already covered by the aircraft IPC. With the BC-1306 installed, RG-380E/44L and RG-223 are drop in replacements for the original equipment nickel-cadmium batteries and no modification to the aircraft is required other than replacing temp sensors with those included in the STC kit.

Concorde's valve regulated lead acid (VRLA) recombinant gas (RG[®]) absorbed glass mat (AGM) technology has been proven as reliable, durable and safe for over 30 years. Superior performance can be attributed to unique design features such as proprietary PolyGuard[®] separators (an additional layer of protection against shorting, unique to Concorde) robust plate construction, over the cell wall intercell connections for reduced internal resistance and a commitment to quality standards.

The advantages of converting from nickel-cadmium to Concorde include lower cost of acquisition, zero maintenance and reduced battery costs per flight hour. Concorde batteries do not require deep cycling to remove the "memory effects" seen in nickel-cadmium batteries, do not require water or electrolyte replenishment and have no risk of thermal runaway. With the benefit of RG[®] Series batteries shipping Hazmat Exempt, transportation is less costly regardless of whether shipping by land, sea or air.

Concorde designs and manufactures over 90 models of Original Equipment and direct replacement batteries for fixed wing and rotary aircraft and has a reputation for designing application specific solutions. Concorde batteries are installed as original Equipment by the majority of aircraft manufactures and adopted by military aircraft operators worldwide.

Manufacturing Military and Commercial TSO, FAA-PMA and OEM certified aircraft batteries for over 30 years.

Crafted for quality in the U.S.A.

ISO9001 + AS9100

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For more information about this release please contact Customer Service at Concorde Battery. Call 626-813-1234 or email customer-service@concordebattery.com.

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