



RG-125

Emergency Aircraft Battery

TSO C-173 APPROVED

An FAA Technical Standard Order (TSO) is a Minimum Operational Performance Standard (MOPS) for specified materials, parts and appliances utilized on civil aircraft. When a company is authorized to manufacture a specific part to a TSO standard, it is referred to as TSO authorization and is a design and production FAA approval.

TSO-C173: This particular TSO is for manufacturers of permanently installed rechargeable lead acid and nickel cadmium aircraft batteries and describes MOPS established by the FAA. Requirements include meeting standards in RTCA Inc. document RTCA / DO-293. TSO-C173 applies to permanently installed batteries providing power for aircraft equipment including emergency and standby systems and electrical power to start aircraft engines or auxiliary power units. When a battery is marked with TSO authorization that means the battery meets MOPS of the TSO specifications independent of the battery's intended installation on an aircraft. The TSO battery can be installed on an aircraft only after showing that the airworthiness requirements (certification basis) of a specific aircraft model are met by the TSO battery. A separate FAA approval may be required to install the battery on an aircraft.

RG-125 is an Emergency Battery for lighting, standby, avionics. Protects and extends the life of other avionics. Concorde's Emergency Batteries float directly on the DC buss with no need for a dedicated charger. This results in a high inrush current which extends battery life with fast recovery time from discharge. With the battery floating directly on the buss, transient spikes in the DC power are absorbed. These batteries are self regulating on charge and will take only the current required to maintain it at a full charge.

- Certified installation for Ni Cad replacement in several aircraft models
- RG® Series batteries - Valve Regulated Lead Acid (VRLA)
- Maintenance free - Constructed with non removable vent valves - no addition of electrolyte or water required
- Non spillable at any altitude or attitude
- Shipped fully charged and ready to install
- Ships Hazmat Exempt

Primary Aircraft Purpose: 24 Volt Emergency Power & Avionics Battery	Rated Capacity C1 23°C (74°F)	Maximum Weight
RG-125	3.5 AH	11.95 LB 5.4 KG

Rated in accordance with IEC Standard 60952-1



Specifications are subject to change without notice

Concorde Battery Corporation is the largest supplier of Original Equipment VRLA Batteries to manufacturers including Agusta, American Champion, American Eurocopter, Aviat, Bell, Bombardier / Learjet, Cessna, Cirrus, Commander, Dassault, Diamond, Enstrom Helicopter, Erickson Air Crane, Extra, Gippsland, Grobe, Gulfstream, Hawker Beechcraft, JetPROP, Liberty, M-7Aerospace, Maule, Mooney, Northrop Grumman, Piaggio, Pilatus, Piper Aircraft, Robinson Helicopter, Scaled Composites, Schweizer, Sikorsky, Slingsby Aviation, Socata, Zlin & more. Over 50 Concorde batteries and accessories are **FAA Approved & TSO Authorized** for installation on more than one thousand aircraft models.



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