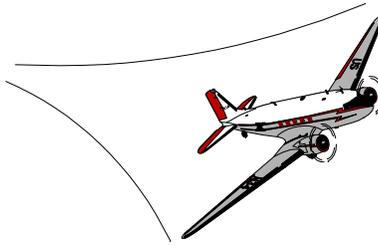


SPECIAL AIRWORTHINESS INFORMATION BULLETIN



U.S. Department
of Transportation
**Federal Aviation
Administration**

AIRCRAFT CERTIFICATION SERVICE
800 INDEPENDENCE AVENUE, S.W.
WASHINGTON, DC 20591

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This is issued for informational purposes only and any recommendation for corrective action is not mandatory.

Introduction:

The purpose of this Special Airworthiness Information Bulletin is to provide owners/operators with information pertaining to the rebuilding/remanufacturing of batteries by D&C Airparts Battery Company, Inc., 481 West 27th Street, Hialeah, Florida 33010, per Process Specification 143 dated January 26, 1989. This SAIB is advisory in nature and not mandated by regulation.

Background:

A review of D&C Airparts Process Specification 143 by AEA-FSDO-25 which “covers the zero-time repair and remanufacturing techniques and requirements of all vented type nickle-cadmium aircraft cells and/or batteries” revealed deficiencies that could lead to degraded battery performance, shortened battery life, and possible increased probability of thermal runaway. While no occurrences of thermal runaway have been reported from the field, there is ample evidence that some of the cells that were rebuilt/remanufactured by D&C Airparts do not perform electrically equivalent to new, original manufactured cells for a variety of reasons. Process Specification 143 along with D&C Airparts Repair Station Authorization have been revoked.

Recommendations:

Owners/operators are advised to review the maintenance/repair records of the batteries installed in their aircraft and if batteries are found to have been rebuilt/remanufactured by D&C Airparts the batteries should be removed and sent to an authorized facility for evaluation.

Additionally, it is requested that any owner/operator who has had their aircraft battery overhauled or repaired by D&C Airparts and has experienced battery problems to notify the Atlanta Aircraft Certification Office as to the nature and type of problem. This information will enable the FAA to establish a data base for continuous airworthiness monitoring and possible subsequent airworthiness actions.

For Further Information Contact:

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