
OPERATORS INFORMATION TRANSMISSION - OIT

SUBJECT: ATA 24 - NON AIRBUS APPROVED BATTERIES

AIRCRAFT TYPE: A300,A300-600,A310,A318,A319,A320,A321,A330,A340,A340-500,A340-600,A350,A380,AST

OUR REF.: 999.0032/03 Rev 01 dated 18-JUN-2015.

OUR PREV. REF.: 999.0032/03 Rev 00 dated 11-MAR-2003.

OIT CATEGORY: Advice

NOTICE:
N/A

REFERENCED DOCUMENTS:

Ref A.: For A350: IPC ref 24-36 / ref 24-38

Ref B.: For all other programs: IPC ref 24-38

0. REASON FOR REVISION

The purpose of this revision is to extend the scope of the OIT to the A380 and A350 programs. All paragraphs of this OIT have been updated accordingly.

1. PURPOSE

The purpose of this transmission is to warn all Airbus operators about potential risks induced by the installation of aircraft Nickel Cadmium or Lithium Ion batteries not approved by Airbus.

2. BACKGROUND

Some batteries, for the DC main and emergency generation, may have been introduced in the field as a replacement part for the SAFT batteries.

The approval of SAFT batteries on Airbus aircraft was made after intensive system integration testing to ensure required battery autonomy and correct monitoring and detection of the battery thermal runaway parameters.

These system integration tests have been only performed with the SAFT battery part numbers listed in the Airbus Illustrated Parts Catalogue Ref A. and Ref B. Please refer to these SAFT battery part numbers for any battery replacement on the Airbus fleet.

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Therefore, if batteries not validated by Airbus are installed on aircraft, Airbus cannot guarantee that these batteries fully satisfy Airbus specifications.

3. DESCRIPTION

Installing batteries without performing system integration tests could induce two main risks:

- The necessary battery autonomy certification requirement is not proven;
- Overcharge could result in high electrolyte consumption which could lead to a battery thermal runaway and a potential risk of fire if it is not detected by the associated monitoring LRU.

Airbus is not able to provide any assurance that batteries, other than SAFT batteries mentioned in the IPC, are acceptable for operation on Airbus aircraft.

4. FOLLOW UP

No specific follow-up of this OIT is planned.

5. CONTACTS

Questions about the technical content of this OIT are to be addressed to Airbus Customer Services through [TechRequest](#) on Airbus World, selecting Engineering Domain and ATA 24-38.

Best Regards,

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