

**Subject:**(STN) INTRODUCTION OF B777 BATTERY OPERATION INFORMATION

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Model Type	777	ATA	2431	Effecitivity	KAL 777 ALL
Nomenclature	BATTERY	Item Number	263BA101-2	STN	Y

**Reference Document**

**Reason & Description**

B777-200/300 항공기의 BATTERY 결함으로 인해 BATTERY 신뢰성 및 항공기 안전성/정시성에 영향을 미치고 있는바 BATTERY OVERHEAT 와 관련된 LINE MAINTENANCE PRACTICE 정보를 소개하고자 함.

[ENGLISH VERSION]

The purpose of this Technical Information Bulletin is to introduce Line maintenance practice information related to battery overheat affecting battery reliability and aircraft safety/service due to B777-200/300 aircraft battery failure.

\* Revision 04 reason :Title change and introduction of storage aircraft battery operation recommendations

### **Technical Information & Required Action**

1. The battery temperature can rise as a result of demand from an APU electric start and high ambient temperatures.
2. To reduce the likelihood of an overheat message at departure, the number of APU starts should be minimized and further APU electric starts should not be attempted before the battery cools.
3. Prolonged operation of the battery at high temperature will affect its service life.
4. To minimize the possibility of a battery overheat condition, keep the temperature around the battery at or below 90 degF before attempting an APU start.
5. On a hot day, it may be necessary to cool the airplane using a conditioned air ground cart some time before an APU start is required.
6. Actively perform battery disconnect on storage aircraft for 7 days or more and perform battery charging on 1 or 2 weeks cycle

In order to improve battery service life, when the ambient temperature is over 86 ° F(30 ° C)remove the battery and save the shop recommended

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