



January 31, 2018

Subject: Shelf Life expectations for Aircraft Battery Shop LLC Lead Acid battery packs

The CYCLON battery cell and monobloc may be stored for up to two years at room temperature (25°C or 77°F) and recharged with no loss in cell reliability or performance capabilities. The recharge may be accomplished without resorting to special charging techniques. When batteries are stored at or near 25°C (77°F) we recommend conducting an OCV audit every six (6) months and recharging when OCV readings approach 2.00 volts per cell (VPC). If storage temperatures are significantly higher than 25°C (77°F), even for short durations, the frequency of OCV audits must be increased.

Aircraft Battery Shop LLC recommends that you perform maintenance on all discharged packs at least annually. OEM Component Maintenance Manuals must be used for this function. Service intervals for battery packs can be found in the OEM CMM. Maintenance schedules can also be found in the airframe manufacturers system check interval lists.

Sincerely,

Jim Wilks
President