

TECH TIP

ASR-11 REX/SDP UPS Battery Storage

Problem: This Tech Tip provides direction for the proper storage of ASR-11 REX/SDP Cabinet UPS spare battery packs. IAW manufacturer's specifications, the batteries must be stored in an environment between 5° and 113° F (-15° to 45° C).

Background: IAW Order 6310.30 Maintenance Handbook for Airport Surveillance Radar, ASR-11 Facilities, paragraphs 4-10 a (6) and 4-10 a (7), the battery packs for the REX/SDP Cabinet UPS Units 1A10 and 2A10 are rotated from spare to in use on a semiannual basis. During storage, the spare batteries must be stored in a temperature controlled environment. The manufacturer's specification for storage temperature is 5° to 113° Fahrenheit.

Recommendation: If your current battery storage location is subject to temperatures deviations above 113° or below 5°F, such as an engine generator shelter or storage shed, you should move the spare REX/SDP UPS batteries to a temperature controlled storage location.