

T-SAP Advisory: TSAP-15-001

[Print this page](#)**Status:** Active**Effective Date:** 08/21/2015**Facility Information**

| NAS Category: | Equipment: | Locations: | Fac ID Code: |
|---------------|------------|------------|--------------|
| SURVEILLANCE | ASR | Multiple | 53AH |

Event Information**Title:** TCMM Power Supply Failures after Power Cycle on ASR-11**Problem:** A capacitor has been identified on the bias circuit board of the power supply that may become too resistive. These Transmitter Control and Monitor Module (TCMM) delays or failures to reinitialize can cause equipment outages after reenergizing the power supplies.**Symptom:** On the ASR-11 TCMM Power Supply, a potential time delay exists, before voltages reach operating values after reapplying power to the TCMM power supplies. Sometimes these delays are as long as 20 minutes other times, the power supplies never fully recover.**Solution:** The FAA Logistics Center (FAALC) has adopted a practice since 2010 to replace the suspect capacitors when power supplies are received from the field. These new capacitors do not age and require no routine replacement. This practice is resulting in better TCMM power supply performance. The Office of Primary Responsibility AJW147 will be releasing a maintenance alert on this subject again.**Remarks:** If you have additional information that pertains to this document, please file your own T-SAP report. Unique information you possess could augment existing reports. This additional data may contain important NAS safety information that allows us to identify trends and issues currently not perceived as systemic problems, or reveal a perspective that has not been considered.

| POC Information | Email | Title | Phone |
|-----------------|--|----------------|----------------|
| Technical POC1: | gary.benny@faa.gov | AJW-1471 ES | (405) 954-0456 |
| Technical POC2: | rich.kinder@faa.gov | AJW-1471 ES | (405) 954-9591 |
| Supply POC: | shawn.m.oglesby@faa.gov | AML-2000 IM-12 | (405) 954-7648 |

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