

**SERVICE BULLETIN NUMBER**    **AX2014**                      **ISSUE 1**                      **PAGE 1 OF 1**

**TITLE**                                      AX2000 power supply isolation.

**CLASSIFICATION**            This service bulletin is classified as **COMPULSORY** by Cyclone Airports.

**COMPLIANCE**    Within next 25 hours.

**APPLICABILITY**            All AX2000 aircraft powered by Rotax engines.

**INTRODUCTION**

A constant supply of power to aircraft starter motors and other loads with the engine running is considered to be unsatisfactory and unsafe. This bulletin details the isolation of user loads from the power supply such that there is no power to them with the master switch in the off position.

**ACTION**

The wiring from the rectifier regulator should be connected to the opposite side of the master switch, and an additional 20A fuse included in the circuit, as per the wiring diagram in Figure 2:

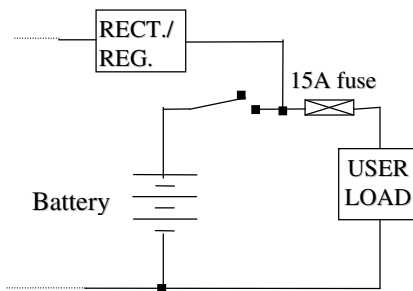


Figure 1. Wiring before modification.

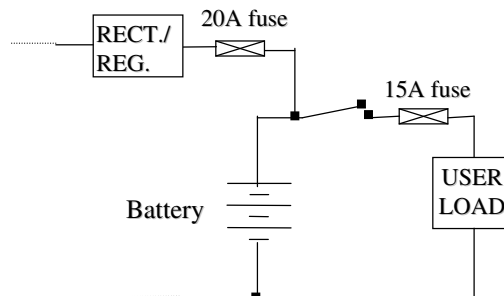


Figure 2: Wiring modified as per this bulletin.

The following procedure is recommended:

- Identify red wire from rectifier/regulator to +ve commoning block. Remove end from +ve commoning block.
- Cut of receptacle crimp. Cut 100mm off end of wire.
- Fit Scotchlock fuse holder between wire connected to rect/reg and 100mm length of wire. Fit fuse in holder.
- Connect loose end of wire to permanently live wire on the keyswitch using the Scotchlock connector.

When complete this modification must be inspected by a Cyclone/Pegasus or BMAA Inspector and signed off under Service Bulletin AX2014 in the technical log.

**ISSUED BY**                      **L.BEALE**    **DATE**                      **16.6.98**

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