

Aviation Industry Association of New Zealand (Inc)

SAFETY ADVISORY

**Re: Power Supplies to Aircraft and Aviation Workshops:
Dangers Associated with New Zealand Standard NZS 6114:2006 and
subsequent Amendment Notice dated 26 January 2007 issued by
Standards New Zealand**

Operators of aircraft and / or aviation workshops supplied by ground power are hereby warned of:

- (1) The dangers created by the provisions of Section 6 (*now repealed*) of a New Zealand Standard NZS 6114:2006. Those provisions **should not be followed**.

and

- (2) Misleading and incorrect advice contained in a Notice issued by Standards New Zealand on 26 January 2007 in relation to the repealed section. This notice obscures the dangers of the provisions of Section 6 and significant discrepancies of those provisions with other published standards, and **should be disregarded**.

Suppliers, operators and maintainers are warned that making electrical connections in the manner specified in Section 6 of the original version of the Standard will create the following serious risks:

- electrocution of aircrew, passengers, ground staff or workshop technicians, **and**
- arcing damage to aircraft structures and the integrity of the pressure hull, **and**
- electrical damage to aircraft systems, **and**
- ignition of fuel during re-fuelling operations.

For further technical information please contact AIA at admin@aia.org.nz

**Irene King
Chief Executive
Aviation Industry Association NZ (Inc)
16 April 2007**