

## GOOD REASONS FOR MAINTAINING YOUR POWER CABLES AND PLUGS

### Aircraftplugs®



#### **Health & Safety**

If the neutral wire breaks and there is an unbalanced load, dangerous voltages will occur on the aircraft body. Exposed pins are a safety risk, as they are live.

#### **Operational Liability**

Broken wires in the cable, worn or defective power tubes in the connector, moist or corrosion in the connector will inevitably lead to the aircraft rejecting the GPU by switching off the interlock signal.

#### **No Damage to Aircraft or Ground Power Unit**

Worn out cables and plugs will generate heat that can strain/damage terminals and contactors.

#### **Indications that the Aircraft Cables / Plugs Need Replacement**

- The cable gets hot
- The isolation cracks
- The cable is stiff at the plug and contactor
- The isolation looks affected by heat
- The plug is worn and the pins are exposed (as shown on above picture)
- Periodic interlock problems
- Pins fail a tension test
- Cable lugs / isolation are blue/grey

[www.aircraftplugs.com](http://www.aircraftplugs.com)

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