AD/ELECT/52 Bruce Industries Fluorescent Lamp Ballast 1/89

Applicability: All Bruce Industries Inc. fluorescent lamp ballasts P/No 05241-1. Aircraft which may be fitted with these ballasts include, but are not limited to Boeing 727 aircraft, and aircraft modified in accordance with Supplemental Type Certificate (STC) numbers SA 1081 NW SA 1315 NM, SA 1952 NM, SA 4042 WE, and UK Civil Aviation Authority Airworthiness Approval Note No 17027 Issue 2.

Note: FAA AD 88-11-08 also refers.

Requirement: Install new fuse in power line in accordance with Bruce Industries Inc. ASB A05241-33-20-01.

Note: Hitco ASB A9000203-33-20-01 is considered an approved equivalent modification.

Compliance: Prior to 26 February 1989.

Background: Instances have occurred where the fuse and thermal protector currently provided within the ballast have failed to protect the ballast from failure. This has resulted in the emission of smoke and flames from the ballast.