AD/ELECT/3 Circuit Breakers - Inspection 2/86

CANCELLED.

Background: Experience with circuit breaker testing has revealed that the testing has proved to be overly conservative, does not improve reliability of breakers and may introduce other faults in aircraft wiring. Moreover, wiring and circuit breaker reliability is such that incidents due to circuit breakers failing to operate under overload conditions and causing wiring damage/smoke/fire are “Extremely Improbable”. There is some evidence to suggest that circuit breakers should be manually (where possible) operated periodically; however, the evidence does not justify requiring periodic operation.

Future requirements for testing will be restricted to specific breaker types shown to be or suspected of being unreliable.