

Aviation Safety Bulletin

ASB No: 89/013/ M

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Subject :

Aircraft air-turn-back resulting from Electronic Equipment compartment door not appropriately secured

Background :

A B-737 aircraft experienced lost cabin pressure control after take-off. The aircraft made an air-turn-back and landed uneventfully. Subsequent findings revealed that the electronic equipment compartment aft door was not completely closed after ground maintenance work was performed prior to aircraft dispatch for flight.

The investigation concluded one of the causes was that avionics personnel performed the work while airframe personnel returned the aircraft to service. Inadequate job handover resulted in the aircraft returned to service with the E/E compartment door open.

Flight crew reported that the E/E door warning light was on before push-back. The light is pertinent to the FORWARD ACCESS DOOR and E/E DOOR, but the aircraft personnel was not aware of the fact that the FORWARD ACCESS DOOR warning light signifies either, the forward or the after E/E compartment door may not have been fully closed and secured, the mechanic only inspect and confirm the forward E/E door was close and secured, but not the after E/E door.

Recommendation :

Reinforce the training of the maintenance personnel, especially the critical points of the preflight check for the aircraft release personnel.

Reinforce the MRM training of the maintenance personnel , especially the communication during the handover.