

Aviation Safety Bulletin

ASB No: 90-024/M

DEC, 2001

Subject :

LOSS OF B747-400F PYLON TRAILING EDGE FAIRING DOORS.

Background :

One B747-400F aircraft encountered broken and loss of the No.4 pylon trailing edge fairing doors. Investigation revealed that the No.4 pylon trailing edge fairing doors were opened and closed by mechanic at out station and the associated deficiencies were caused by the improper maintenance activities as follows:

1.Neither the engineer nor the mechanic referred to the AMM procedures for closing the pylon trailing edge fairing doors.

2.The latching procedure of the fairing doors was done by memory and based upon experience.

Recommendation :

1.This event analysis be included in the familiarization and recurrent training for mechanics.

2.Stencil the latching sequence placard on the fairing doors.

3.Issue a Quality Assurance Notice to highlight this incident to all maintenance personnel.

4.Maintenance personnel should follow the AMM procedures when conducting maintenance jobs.