30-29-M-911

TOP
ISSUE

R WING A/ICE LO HEAT WARNING

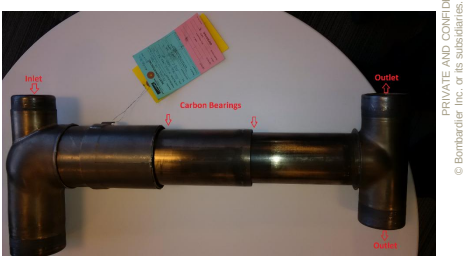
Found the telescoping duct seal crumbled away and now blocking the vent holes in the slat ducting. The job to replace the duct is easy but we have to remove and clean the whole ducting system. Can we get information about how many times you have sent out P/N GG468-4022-4? Maybe you even have the reason to each order.

Fleet Exposure:

Field data analysis shows occurrences on 10 aircraft. Last event: Jan/14.

Investigation status:

- ✓ Sampling completed on 5 aircraft.
  - ✓ Proper installation of Telescopic duct and Piccolo tubes validated
  - ✓ 2 Telescopic Ducts were removed for further investigation.
    - ✓ Lab analysis revealed that the debris were originating from the Telescopic duct carbon bearing rather than from deterioration of the inlet and outlet carbon seals



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APR 14	P. STADLER	D. FIELD

TOP ISSUE

R WING A/ICE LO HEAT WARNING

Conclusions:

- ✓ Aircraft safety analysis completed
  - No impact on aircraft safety. Any substantial blockage of slat 4 piccolo tubes will be evident to the crew by the “Wing A/Ice LO Heat” Caution CAS message.
  - Small amount of carbon debris in piccolo tube will not trigger the Wing Anti Ice LO Heat CAS message; thus not impacting the overall Wing A/ICE system
  - Carbon bearing debris detached from the T-Duct do not represent a concern in terms of operation of the T-Duct .
- ✓ SmartFix™ Plus tasks for “Wing A/Ice Lo Heat (Caution)” message revised to include verification for debris in the Piccolo tubes and if found, replace the Telescopic Duct.

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