

to require, for aeroplanes having accumulated more than 4 000 flight cycles (FC), a one-time Detailed Visual Inspection (DVI) of outer wing box upper skin and upper rib feet, on the right hand (RH) and left hand (LH) sides, from rib 24 to rib 29. After that AD was issued, based on inspection results (all aeroplanes inspected, no similar case found), it was determined that these cracks were an isolated case.

More recently, three other cases were reported, indicating that this may not be an isolated case and that cracks could occur in this area of the wings on other ATR 42 aeroplanes. Consequently, ATR published SB ATR42-57-0074 (hereafter referred as 'ATR SB' in this AD) to provide inspection instructions.

For the reasons described above, this AD supersedes DGAC France AD F-2004-191 and requires repetitive DVI of the same wing areas and, depending on findings, accomplishment of a repair.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Repetitive Inspections:

- (1) Within the compliance time defined in Table 1 of this AD and, thereafter, at intervals not to exceed 48 months or 6 000 FC, whichever occurs first, accomplish a DVI of the LH and RH wing rib upper feet and upper panel between rib 24 and rib 29, in accordance with the instructions of ATR SB.

Table 1 – Initial Inspection

Compliance Time (whichever occurs later, A or B)	
A	Within 48 months or 6 000 FC, whichever occurs first since aeroplane first flight
B	Within 12 months after the effective date of this AD

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1) of this AD, any discrepancy is detected, before next flight, contact ATR for approved repair instructions and, within the compliance time(s) specified in those instructions, accomplish those instructions accordingly.

Terminating Action:

- (3) Repair of an aeroplane, as required by paragraph (2) of this AD, does not constitute terminating action for the repetitive DVI as required by paragraph (1) of this AD, unless the ATR repair instructions specify otherwise.

Reporting:

- (4) Within 30 days after each DVI as required by paragraph (1) of this AD, as applicable, the inspection results (including no findings) have to be sent to ATR in accordance with the instructions of ATR SB.



Ref. Publications:

ATR Service Bulletin ATR42-57-0074 original issue dated 19 October 2017.

The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 05 December 2017.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of the requirements in this PAD, please contact: ATR - GIE Avions de Transport Régional, Continued Airworthiness Service, Telephone: +33 (0)5 62 21 62 21, Fax: +33 (0) 5 62 21 67 18; E-mail: continued.airworthiness@atr-aircraft.com.

