



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2019-12-002	發布日期 Date issued	2019/12/4
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	ATR 72 aeroplanes, all manufacturer serial numbers (MSN), except those on which ATR modification 07988 was embodied in production, and excluding MSN 1456, 1463, 1485, 1512, 1514, 1517, 1520, 1526, 1528, 1529, 1531, 1532, 1534, 1536, 1538 to 1552 inclusive, 1554 to 1567 inclusive and 1570 to 1588 inclusive.		
主旨摘要	Electrical Routing - Electrical Harness under Panel 295CL - Modification		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> FAA  <input checked="" type="checkbox"/> EASA  <input type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC             </div> <div style="width: 48%;"> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other _____             </div> </div>		
	設計國 AD 編號 Original AD number	2019-0290	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	ATA 92. Ref. Publications: ATR SB ATR72-92-1049 original issue dated 28 August 2019.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.:** 2019-0290

**Issued:** 29 November 2019

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

### Design Approval Holder's Name:

ATR-GIE AVIONS de TRANSPORT RÉGIONAL

### Type/Model designation(s):

ATR 72 aeroplanes

**Effective Date:** 13 December 2019

**TCDS Number(s):** EASA.A.084

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 92 – Electrical Routing – Electrical Harness under Panel 295CL – Modification

### Manufacturer(s):

ATR-GIE Avions de Transport Régional, formerly EADS ATR - Alenia, Aerospatiale Matra ATR - ALENIA, Aerospatiale - Alenia, Aerospatiale – Aeritalia.

### Applicability:

ATR 72 aeroplanes, all manufacturer serial numbers (MSN), except those on which ATR modification 07988 was embodied in production, and excluding MSN 1456, 1463, 1485, 1512, 1514, 1517, 1520, 1526, 1528, 1529, 1531, 1532, 1534, 1536, 1538 to 1552 inclusive, 1554 to 1567 inclusive and 1570 to 1588 inclusive.

### Definitions:

For the purpose of this AD, the following definition applies:

**The SB:** ATR Service Bulletin (SB) ATR72-92-1049.

### Reason:

Occurrences have been reported of smoke in the cockpit and of flap extension difficulties. During subsequent trouble-shooting, it was determined that these events were due to wire chafing on the electrical harness under panel 295CL, on Rib 4 of the wing rear spar, left hand side only.

This condition, if not corrected, may lead to wire failure (cut or shorted) and uncontrolled fire with potential loss of multiple systems, possibly resulting in reduced control of the aeroplane.



To address this potential unsafe condition, ATR issued the SB to provide modification instructions.

For the reasons described above, this AD requires modification of the affected electrical wiring routing clamp installation.

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

Required as indicated, unless accomplished previously:

#### Modification:

Within 1 000 flight hours or 8 months, whichever occurs later after the effective date of this AD, modify the clamp installation of the electrical routing in accordance with the instructions of the SB.

#### Ref. Publications:

ATR SB ATR72-92-1049 original issue dated 28 August 2019.

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

#### Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 21 October 2019 as PAD 19-191 for consultation until 18 November 2019. The Comment Response Document can be found in the [EASA Safety Publications Tool](#), in the compressed (zipped) file attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).
5. For any question concerning the technical content of the requirements in this AD, 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](mailto:continued.airworthiness@atr-aircraft.com).

