

 <b>適航指令發布單</b> <b>Airworthiness Directive Issuance Form</b>			
民航局 AD 編號 AD number	CAA-2016-08-006	發布日期 Date issued	2016/8/15
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Zodiac Seats France Cabin Attendant Seats 536-series, Part Number (P/N) 53600, all dash number, all serial numbers. These seats are known to be installed on, but not limited to, ATR-GIE Avions de Transport Régional ATR 42 and ATR 72 aeroplanes.		
主旨摘要	Equipment / Furnishings - Cabin Attendant Seat - Inspection		
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; flex-wrap: wrap;"> <div style="width: 50%;"> <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: 50%;"> <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	2016-0164	
	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 25. Ref. Publications: Zodiac Seats France SB No. 536-25-003 original issue dated 24 May 2016.		
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.:** 2016-0164

**Issued:** 10 August 2016

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

### Design Approval Holder's Name:

ZODIAC SEATS FRANCE

### Type/Model designation(s):

CABIN ATTENDANT SEAT 536 - SERIES

**Effective Date:** 24 August 2016

**ETSO Authorisation(s):** EASA.210.10036578

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 25 – Equipment / Furnishings – Cabin Attendant Seat – Inspection

#### Manufacturer(s):

Zodiac Seats France (formerly Sicma Aero Seat)

#### Applicability:

Zodiac Seats France Cabin Attendant Seats 536-series, Part Number (P/N) 53600, all dash number, all serial numbers.

These seats are known to be installed on, but not limited to, ATR-GIE Avions de Transport Régional ATR 42 and ATR 72 aeroplanes.

#### Reason:

Cases of cracks were found on Zodiac Seat France cabin attendant seats 536-series installed on some ATR 42 and ATR 72 aeroplanes. The detected damages were located in the area of the seat pan hinges. Investigations identified that fatigue had caused these cracks in a highly concentrated stress area.

This condition, if not detected and corrected, could lead to failure of the seat, possibly resulting in injury to the seat occupant.

To address this potential unsafe condition, Zodiac Seats France issued Service Bulletin (SB) No. 536-25-003 to provide inspection and replacement instructions.



For the reason described above, this AD requires repetitive visual inspections of the affected cabin attendant seats, and, depending on findings, replacement of the seat pan.

This AD is considered as interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

- (1) Before exceeding 2 500 flight cycles (FC) since first installation of the cabin attendant seat on an aeroplane, or within 30 days after the effective date of this AD, whichever occurs later, and, thereafter, at intervals not to exceed 100 FC, accomplish a visual inspection of each affected cabin attendant seat in accordance with the instructions of Zodiac Seats France SB No. 536-25-003.
- (2) If, during any inspection as required by paragraph (1) of this AD, any damaged seat pan is found, before next flight, replace the seat pan of the affected seat in accordance with the instructions of Zodiac Seats France SB No. 536-25-003.
- (3) Replacement of a seat pan on a seat, as required by paragraph (2) of this AD, does not constitute terminating action for the repetitive inspections required by paragraph (1) of this AD for that seat. If a new seat pan is installed on a seat, the next visual inspection of that seat may be deferred until 2 500 FC after that installation.
- (4) Temporarily stowing and securing an attendant seat in retracted position to prevent occupancy, in accordance with the provisions and limitations of the applicable Master Minimum Equipment List item, is an acceptable alternative method to defer compliance with the requirements of paragraph (1) or (2) of this AD.
- (5) From the effective date of this AD, it is allowed to install (see Note of this AD) on any aeroplane an affected seat, having accumulated more than 2 500 FC since first installation on an aeroplane, provided that, before installation, the seat has passed an inspection in accordance with the instructions of Zodiac Seats France SB 536-25-003.

Note: For the purpose of this AD, removal of a seat from an aeroplane and subsequent re-installation of that seat on that same aeroplane is not “installation” as specified in paragraph (5) of this AD.

**Ref. Publications:**

Zodiac Seats France SB No. 536-25-003 original issue dated 24 May 2016.

The use of later approved revisions of this 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 31 May 2016 as PAD 16-081 for consultation until 28 June 2016. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. For any question concerning the technical content of the requirements in this AD, please contact:  
Zodiac Service Europe  
61 rue Pierre Curie,  
78373 Plaisir  
Tel.: +33 (0)1 61 34 19 58

