



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2021-06-003	發布日期 Date issued	2021/6/11
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	191 series pilot seats, having Part Number (P/N) 19101-00-00, and 191 series co-pilot seats, having P/N 19102-00-00.		
主旨摘要	Equipment / Furnishings – Pilot and Co-pilot Seats / Longitudinal Locking. System Pins – Measurement / Adjustment		
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> <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> <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	2021-0137	
	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) : _____ <input type="checkbox"/> 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do <input type="checkbox"/> 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: SAFRAN Seats France SB 191-25-006 original issue dated 19 August 2020.		
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.:** 2021-0137

**Issued:** 08 June 2021

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:**

SAFRAN SEATS

**Type/Model designation(s):**

191 Series Pilot and Co-pilot Seats

**Effective Date:** 22 June 2021

**ETSO Authorisation(s):** EASA.21O.1216

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 25 – Equipment / Furnishings – Pilot and Co-pilot Seats / Longitudinal Locking System Pins – Measurement / Adjustment

**Manufacturer(s):**

SAFRAN Seats, formerly Zodiac Seats France, SICMA Aero Seat

**Applicability:**

191 series pilot seats, having Part Number (P/N) 19101-00-00, and 191 series co-pilot seats, having P/N 19102-00-00.

These seats are known to be installed on, but not limited to, COMAC ARJ21-700 aeroplanes.

**Definitions:**

For the purpose of this AD, the following definitions apply:

**The SB:** SAFRAN Seats Service Bulletin (SB) 191-25-006.

**Reason:**

An occurrence was reported where, during taxiing of an aeroplane, unintended displacement of a pilot seat was experienced. Subsequent investigation determined that one of the two pins installed in the longitudinal seat locking system did not sufficiently penetrate through the lower seat structure, with less than 10 mm of the pin lower end showing outside the seat structure. Worn seat tracks may have contributed to this insufficient pin engagement.



This condition, if not detected and corrected, could cause sudden seat movement during a critical phase of flight, possibly resulting in reduced control of the aeroplane, or injury to the affected pilot or co-pilot.

To address this unsafe condition, SAFRAN Seats issued the SB, as defined in this AD, to provide instructions for measurement and adjustment of the seat locking pins.

For the reason described above, this AD requires a one-time measurement of the length (showing outside the lower seat structure) of the left-hand (LH) and right-hand (RH) seat locking pins installed in the longitudinal seat locking system, and, depending on findings, adjustment of the pin length.

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

Required as indicated, unless accomplished previously:

##### **Measurement:**

- (1) Within 750 flight hours after the effective date of this AD, measure the length of the LH and RH locking pin installed in the longitudinal seat locking system in accordance with the instructions of the SB.

##### **Corrective Action(s):**

- (2) If, during any measurement as required by paragraph (1) of this AD, the length of one or both pin(s) is found to be outside the margins as defined in the SB, before next flight, adjust the length of the affected pin(s) in accordance with the instructions of the SB.

#### **Ref. Publications:**

SAFRAN Seats France SB 191-25-006 original issue dated 19 August 2020.

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 04 May 2021 as PAD 21-064 for consultation until 01 June 2021. 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. 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](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be



installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.

5. For any question concerning the technical content of the requirements in this AD, please contact: SAFRAN Seats France, Rue Robert Marechal Senior, 36100 Issoudun, France;  
Telephone: +33 (0) 2 54 03 39 39;  
Email: [techsupport.3s.fr@safrangroup.com](mailto:techsupport.3s.fr@safrangroup.com).

