



**適航指令發布單**  
**Airworthiness Directive Issuance Form**

民航局 AD 編號 AD number	CAA-2022-11-006	發布日期 Date issued	2022/12/1												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers on which HAMILTON SUNDSTRAND Ram Air Turbine (RAT) Part Number (P/N) 762308, P/N 762308A or P/N 766352 has been embodied in production.														
主旨摘要 Subject	CANCELLED: Hydraulic Power - Ram Air Turbine - Speed Limitation														
民航局 CAA <input type="checkbox"/> 本國產品 Native product  <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authority <table border="0"><tr><td><input type="checkbox"/> FAA</td><td><input type="checkbox"/> Germany LBA</td></tr><tr><td><input checked="" type="checkbox"/> EASA</td><td><input type="checkbox"/> CAA-NL</td></tr><tr><td><input type="checkbox"/> Brazil</td><td><input type="checkbox"/> UK CAA</td></tr><tr><td><input type="checkbox"/> Transport Canada Civil Aviation</td><td><input type="checkbox"/> Japan CAB</td></tr><tr><td><input type="checkbox"/> DGAC</td><td><input type="checkbox"/> CAA of Israel</td></tr><tr><td></td><td><input type="checkbox"/> Other _____</td></tr></table>			<input type="checkbox"/> FAA	<input type="checkbox"/> Germany LBA	<input checked="" type="checkbox"/> EASA	<input type="checkbox"/> CAA-NL	<input type="checkbox"/> Brazil	<input type="checkbox"/> UK CAA	<input type="checkbox"/> Transport Canada Civil Aviation	<input type="checkbox"/> Japan CAB	<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel		<input type="checkbox"/> Other _____
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<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel														
	<input type="checkbox"/> Other _____														
	設計國 AD 編號 Original AD number	2006-0135-CN													
	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	This Notice cancels EASA AD 2006-0135 dated 22 May 2006.														

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)2349-6330 / 6332, Fax：(02)2545-8464, e-mail：  
[adcaa@mail.caa.gov.tw](mailto:adcaa@mail.caa.gov.tw)

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)2349-6330 / 6332, Fax：  
(02)2545-8464, e-mail：[adcaa@mail.caa.gov.tw](mailto:adcaa@mail.caa.gov.tw)



## Airworthiness Directive Cancellation Notice

**AD No.:** 2006-0135-CN

**Issued:** 23 November 2022

Note: This Airworthiness Directive (AD) Cancellation Notice (CN) 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.

**Design Approval Holder's Name:**

AIRBUS S.A.S.

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

A318, A319, A320 and A321 aeroplanes

**Effective Date:** 23 November 2022

**TCDS Number(s):** EASA.A.064

**Foreign AD:** Not applicable

**Cancellation:** This Notice cancels EASA AD 2006-0135 dated 22 May 2006.

### ATA 29 – CANCELLED: Hydraulic Power – Ram Air Turbine – Speed Limitation

**Manufacturer(s):**

Airbus, formerly Airbus Industrie

**Applicability:**

Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers on which HAMILTON SUNDSTRAND Ram Air Turbine (RAT) Part Number (P/N) 762308, P/N 762308A or P/N 766352 has been embodied in production.

**Definitions:**

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

**AFM TR:** Aircraft Flight Manual (AFM) Temporary Revision (TR) TR6 Issue 1 (TR 2.05.00/67).

**Reason:**

During a flight test with an A320 aeroplane, high vibration and noise were reported two minutes after RAT deployment. Investigation revealed that the encountered high vibrations resulted from a RAT imbalance, induced by the fracture of the RAT counterweights of the governing system of the RAT, as they were not in compliance with their design specifications.



In a high-speed configuration of the aeroplane, this situation could lead to the over-speed of the RAT up to the rupture of the blades of the RAT, preventing the critical aeroplane systems to be powered by the RAT and eventually causing subsequent damage to the aeroplane structure.

To address this potential unsafe condition, Airbus published the AFM TR and EASA issued AD 2006-0135 to limit the aeroplane speed only during flight tests with the RAT deployed.

Since that AD was issued, it has been determined that all counterweights of the affected batch (lot 1433) have been recovered.

For the reason described above, this Notice cancels EASA AD 2006-0135.

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

The operational procedure and limitations of the AFM TR, as required by AD 2006-0135 for an aeroplane, are no longer necessary and can be removed from the AFM of that aeroplane.

**Ref. Publications:**

AFM TR6 Issue 1 (TR 2.05.00/67) approved by EASA on 25 November 2005.

**Remarks:**

1. This AD-CN was posted on 25 October 2022 as PAD 22-145-CN for consultation until 22 November 2022. No comments were received during the consultation period.
2. Enquiries regarding this AD-CN should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical or content of this AD-CN, please contact: AIRBUS – Airworthiness Office – 1IASA; E-mail: [account.airworth-eas@airbus.com](mailto:account.airworth-eas@airbus.com).

