



## Airworthiness Directive

**AD No.:** 2019-0242

**Issued:** 26 September 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:

CEAPR

### Type/Model designation(s):

DR 400 aeroplanes

**Effective Date:** 10 October 2019

**TCDS Number(s):** EASA.A.367

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA – Aircraft Flight Manual – Use of the Disc Braking System – Amendment

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### Manufacturer(s):

Centre Est Aéronautique, Avions Pierre Robin, Constructions Aéronautiques de Bourgogne, APEX Industries, Robin Aircraft

### Applicability:

DR 400/100, DR 400/120, DR 400/120 A, DR 400/120 D, DR 400/125, DR 400/125i, DR 400/140, DR 400/140 B, DR 400/160, DR 400/160 D, DR 400/180, DR 400/180 R, DR 400/180 S, DR 400/2+2, DR 400 RP, DR 400 NGL, DR 400/200 R, DR 400/200 I and DR 400/500 aeroplanes, equipped with a disc braking system, all serial numbers (s/n) up to s/n 2668 (inclusive), except those that have been modified in accordance with CEAPR modification DET150102.

### Definitions:

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

**The MSB:** CEAPR Mandatory Service Bulletin (MSB) 190101.

**The AFMS:** CEAPR Aircraft Flight Manual Supplement (AFMS) 1003059 “Use of the disc braking system”.



**Reason:**

Several occurrences have been reported of brake/wing fires on DR 400 aeroplanes. Investigation results revealed that these events may have been caused by incorrect usage of the disc braking system.

This condition, if not corrected, could lead to a brake/wing fire, possibly resulting in damage to the aeroplane and injury to occupants.

To address this potential unsafe condition, CEAPR issued the AFMS, providing supplementary improved instructions to be incorporated into the Aircraft Flight Manual (AFM). CEAPR also published the MSB, identifying two different disc braking systems, reminding good practices to aeroplane operators and maintenance organisations, and providing instructions to implement the AFMS.

For the reasons described above, this AD requires incorporation of the AFMS into the AFM.

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

Required as indicated, unless accomplished previously:

**AFM Amendment:**

Within 12 months after the effective date of this AD, amend the applicable AFM by incorporating the AFMS in accordance with the instructions of the MSB, inform all pilots, and, thereafter, operate the aeroplane accordingly.

**Ref. Publications:**

CEAPR MSB 190101 original issue dated 15 January 2019, published 01 April 2019.

CEAPR AFMS 1003059 original issue dated January 2019.

The use of later approved revisions of the above-mentioned documents 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 11 July 2019 as PAD 19-124 for consultation until 08 August 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: CEAPR, Bureau de Navigabilité, 1 Route de Troyes – 21121 Darois, France  
Telephone: +33 (3) 80 35 25 22, E-mail: [info@ceapr.com](mailto:info@ceapr.com) ; Website: [www.ceapr.com](http://www.ceapr.com) section “My question” and then “I have a question about airworthiness”.

