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

| | | | |
|---|---|---|---|
| 民航局AD編號<br>AD number | CAA-2026-11-001 | 發布日期<br>Date issued | 2026/11/03 |
| 適用之航空產品<br>Applied to (models, serial numbers or part numbers, as applicable) | Diamond Aircraft Industries Inc (DAI) Model DA40 NG Aeroplanes, All Serial Numbers. | | |
| 主旨摘要<br>Subject | Electrical Power - Voter Switch Cycling while Restarting the Engine | | |

民航局
CAA

○ 本國產品
Native product

○ 其他個案
Other

設計國民航主管機構
Original Authority

| | |
|---|---|
| ○ FAA | ○ Germany LBA |
| ○ EASA | ○ CAA-NL |
| ○ Brazil | ○ UK CAA |
| ◉ Transport Canada Civil Aviation | ○ Japan CAB |
| ○ DGAC | ○ CAA of Israel |
| | ○ Other____ |

| | |
|---|---|
| 設計國AD編號<br>Original AD number | CF-2026-57 |

1. 直接採用原AD之內容? (Is the original AD directly adopted?)

◉ 是(Yes) ○ 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?)

○ 需要(Yes) ◉ 不需要(No)

| | |
|---|---|
| 備註<br>Note | ATA 24. Ref. Amend the DA 40NG AFM Document No 6.01.15-E to incorporate the procedures contained within Section 3.3.5 - Restarting the Engine in Flight as introduced by DA 40NG AFM Revision 4, approved by Transport Canada on 20 February 2025. |

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, 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 Aviation Administration on Tel：(02)2349-6330 / 6332, Fax：(02)2545-8464, adcaa@mail.caa.gov.tw

# AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.

**Number:**

CF-2026-57

**Effective Date:**

13 November 2026

**ATA:**

24

**Type Certificate:**

A-224

**Subject:**

Electrical Power – Voter Switch Cycling while Restarting the Engine

**Applicability:**

Diamond Aircraft Industries Inc (DAI) Model DA40 NG Aeroplanes, All Serial Numbers.

**Compliance:**

Within 30 days from the effective date of this AD, unless already accomplished.

**Background:**

DAI investigated in-service events during which the DA40 NG aircraft experienced uncommanded engine shutdown when the Electronic Engine Control Unit (EECU) voter switch was set to “AUTO” mode. The investigation revealed that the failure of a 5A fuse on the active EECU channel led to the simulation of an erroneous Engine Master switch-off command to the EECU, which led to the uncommanded engine shutdown.

To mitigate the risk of uncommanded engine shutdown due to the erroneous simulation of the Engine Master switch, DAI has introduced additional instructions within Section 3.3.5 – Restarting the Engine in Flight in the DA 40NG Airplane Flight Manual (AFM) Revision 4 requiring pilots to cycle the EECU voter switch while attempting to restart the engine in flight. This would allow the pilot to manually switch to the second functional EECU channel and help restore engine operation.

This AD mandates incorporation of the procedures contained in Section 3.3.5 – Restarting the Engine in Flight as introduced by DA 40NG AFM Revision 4.

**Corrective Actions:**

A. Amend the DA 40NG AFM Document No 6.01.15-E to incorporate the procedures contained within Section 3.3.5 – Restarting the Engine in Flight as introduced by DA 40NG AFM Revision 4, approved by Transport Canada on 20 February 2025.
B. Thereafter, operate the aeroplane in accordance with the procedures contained within Section 3.3.5 of the DA 40NG AFM.
C. Incorporation of DA 40NG AFM Revision 4 prior to the effective date of this AD, or any later Transport Canada-approved revision of the DA 40NG AFM that contains the procedures specified in Section 3.3.5 – Restarting the Engine in Flight, also constitutes compliance with paragraph A of this AD.

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Jenny Young
Chief, Continuing Airworthiness
Issued on 30 October 2026

**Contact:**

Varun Karthik S, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.