

RECOMMENDED SERVICE BULLETIN

RSB 42-080

I TECHNICAL DETAILS

I.1 Category

Recommended.

I.2 Airplanes affected

Type: DA 42, DA 42 M
Serial numbers: all

I.3 Date of effectivity

02-Apr-2010

I.4 Time of Compliance

At owners discretion.

I.5 Subject

Installation of suppressor diodes at the ECU relays.

ATA-Code: 24-60

I.6 Reason

In extremely remote cases it has been observed that an ECU relay stuck closed during shut down of the engine. If this happens, the engine does not stop, when switching the engine master to OFF.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. OÄM 42-190, which has been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

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I.9 Accomplishments / Instructions

Comply with WI-RSB 42-080, latest effective issue.

I.10 Mass (Weight) and CG

Negligible.

II PLANNING INFORMATION

II.1 Material and Availability

The Work Instruction WI-RSB-42-080 and the appropriate necessary materials are available through Diamond Aircraft Industries.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 4 hours.

II.4 Credit

None.

II.5 Reference Documents

Diamond Aircraft 42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective issue.

III REMARKS

- a) The work must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.
- b) All works, particular those that are not especially described in this work instruction, must be carried out in accordance with the referenced maintenance manual.
- c) In case of doubt, contact Diamond Aircraft Industries GmbH.

**EXECUTION REPORT TO
SERVICE BULLETIN
RSB 42-080**

AIRPLANE DATA

Airplane Serial Number: _____

Airplane Registration: _____

Airplane Operator: _____

Hours of operation of airplane: _____

No. of landings: _____

Hours of operation-engine _____

Typical operation of airplane: private, club, training, other _____

Date, Name, SignPlease fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to
airworthiness@diamond-air.at