

RECOMMENDED SERVICE BULLETIN

NO. RSB D4-082/1

SUPERSEDES RSB D4-082

I TECHNICAL DETAILS

I.1 Category

Recommended.

I.2 Airplanes affected

Type: DA 40 D with Garmin G1000 cockpit

Serial Numbers: 40.080, 40.084

D4.001 through D4.399

40.DS001 through 40.DS033

I.3 Date of Effectivity

07-Mar-2011

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

This Service Bulletin describes the installation of a "Start-Box", which supplies the displays of the G1000 with additional electrical power during start of the engine.

ATA-Code: 24-00

I.6 Reason

During start of the engine with low capacity of the main battery, especially at low outside air temperatures, the voltage of the electrical power supply to the displays of the G1000 decreases below their threshold. This may cause crosstalk errors and/or triggers other G1000 system advisories.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 40-422/b, which has been approved under the authority of DOA No. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA No. EASA.21J.052.

I.9 Accomplishment/Instructions

Comply with Work Instruction WI-RSB D4-082 Revision 1 or later effective issue.

Make all necessary entries in the airplane logs.

I.10 Mass (Weight) and CG

Negligible.

II PLANNING INFORMATION

II.1 Material & Availability

See WI-RSB D4-082, Revision 1 or later effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

approx. 6 hours

II.4 Credit

No Credit.

II.5 Reference Documents

WI-RSB D4-082, Revision 1 or later effective issue.

DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, latest effective issue.

III REMARKS

1. All measures must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All works, particular those that are not especially described in this Service Bulletin, must be carried out in accordance with the referenced Maintenance Manual.
3. Accomplishment of the measures must be confirmed in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.



EXECUTION REPORT TO SERVICE BULLETIN RSB D4-082/1

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, Sign

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