

OPTIONAL SERVICE BULLETIN

NO. OSB 42-075

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 42

Serial Numbers: 42.004 through 42.094
42.107, 42.109 through 42.113
42.177, 42. AC001, 42.AC002

I.3 Date of Effectivity

21-Sep-2009.

I.4 Time of Compliance

At holder's discretion.

I.5 Subject

Use of Diesel Fuel (EN 590) on DA 42 Aircraft.

ATA-Code: 28-00

I.6 Reason

The DA 42 has been granted approval for the use of Diesel fuel (EN 590). In order to take advantage of the use of Diesel fuel on the aircraft listed above this Service Bulletin must be carried out.

Note: Aircraft registered in Indonesia and Malaysia can not take benefit of this approval.

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 42-037/b, which has been approved under the authority of EASA Design Organization Approval 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

1. If an AFM Doc. No. 7.01.05-E prior to revision 4 is used, use AFM Doc. No. 7.01.05-E Revision 4 or higher.

Note: It is recommended to use always the latest Revision of the Airplane Flight Manual.

2. Incorporate AMM-TR-MÄM-42-037 into the Airplane Maintenance Manual according to instructions given on the cover sheet of the AMM-TR-MÄM-42-037.
3. Place Fuel Temp Placard D60-1131-20-29 on Garmin G1000 MFD according to Sketch 1.
4. Make all necessary entries in the airplane logs.

Note: Mark MÄM 42-037 "Use of Diesel fuel" as installed in section 1.1 of the AFM Doc. No. 7.01.05-E

I.10 Mass (Weight) and CG

Negligible.

II PLANNING INFORMATION

II.1 Material & Availability

Quantity	Part No.	Description
1	D60-1131-20-29	Fuel Temp Placard

Materials including drawings are available from Diamond Aircraft Industries.

II.2 Special Tools

None.

II.3 Labour Effort

0.5 hours.

II.4 Credit

None.

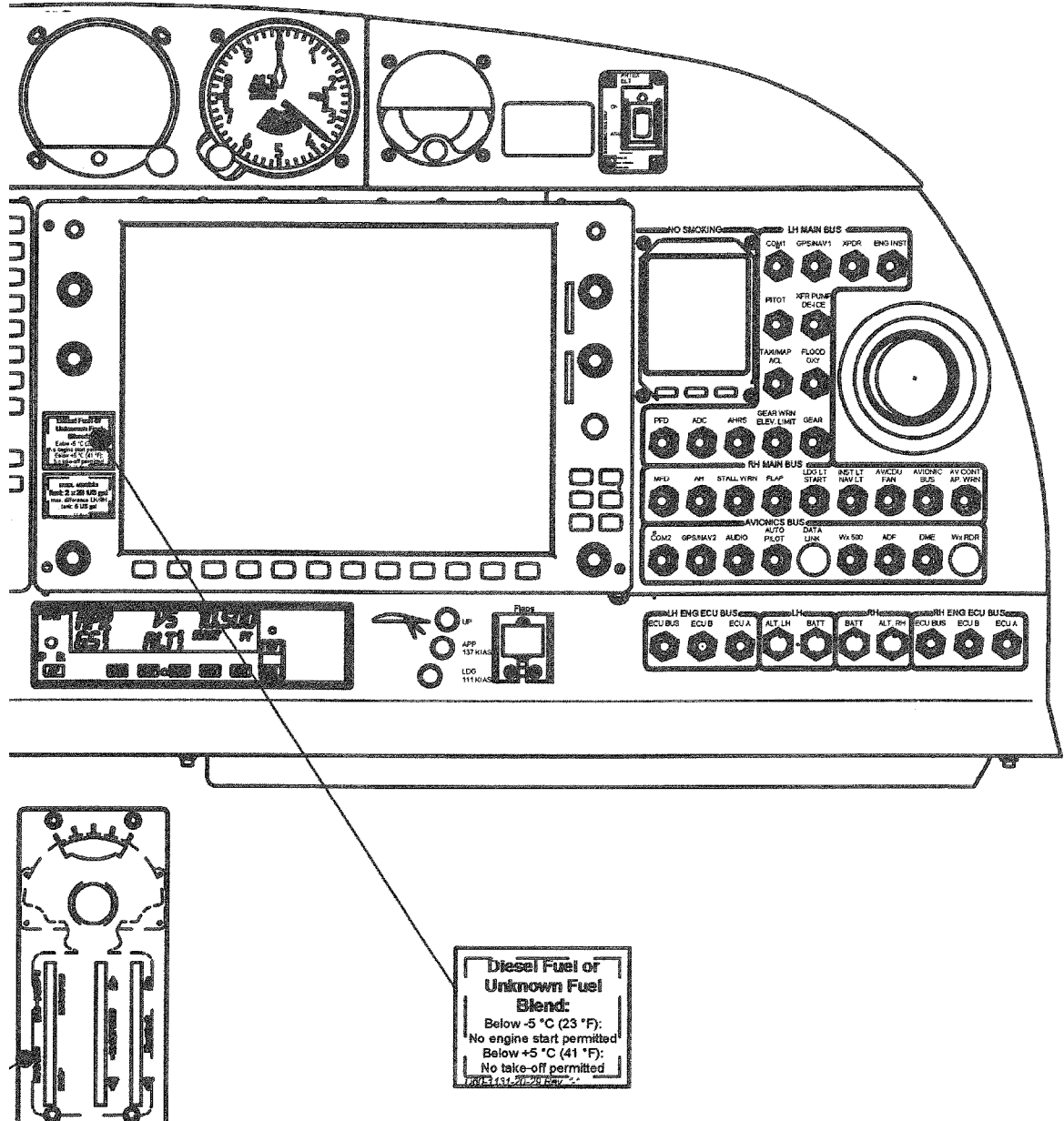
II.5 Reference Documents

DA 42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, 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.

Sketch 1:



EXECUTION REPORT TO SERVICE BULLETIN OSB 42-075

AIRPLANE DATA

Airplane Serial Number: _____

Airplane Registration: _____

Airplane Operator: _____

Hours of operation of airplane: _____

No. of landings: _____

Hours of operation-engine LH _____

RH _____

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