

RECOMMENDED SERVICE BULLETIN

NO. RSB-42-066

I TECHNICAL DETAILS

I.1 Category

Recommended

I.2 Airplanes affected

Type: DA 42, DA 42 M

Serial Numbers: 42.004 and subsequent
42.AC001 and subsequent
42.M001 and subsequent

with auxiliary tank installations **prior** to Rev “ i ” of OÄM 42-056
(OÄM 42-056/i) installed.

I.3 Time of Compliance

At owner's discretion

I.4 Subject

Replacement of the check valve at the auxiliary tank (LH & RH) with a solenoid valve

ATA-Code: 28

I.5 Reason

It has been reported that on some occasions fuel transfer from the auxiliary tanks to the main tanks was not possible because of air trapped in the fuel lines after fully depleting the auxiliary tanks prior to refueling. This constitutes no safety hazard when the airplane is operated in accordance with the procedures published in the AFM, but nevertheless, Diamond Aircraft Ind. GmbH highly recommends carrying out this modification to ensure that the fuel from the auxiliary tanks can be transferred whenever required.

I.6 Concurrent Documents

None

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. OÄM 42-056/i, which has been approved under the authority of DOA No. EASA.21J.052.

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I.8 Accomplishment / Instructions

WI-RSB-42-066, latest effective issue must be complied with.

I.9 Mass (Weight) and CG

Negligible

II PLANNING INFORMATION**II.1 Material & Availability**

The Work Instruction WI-RSB-42-066 is attached to this Service Bulletin.
Appropriate necessary materials are available through Diamond Aircraft Industries.

II.2 Special Tools

None

II.3 Credit

None

II.4 Labor effort:

Approx. 4.5 hours

II.5 Reference Documents

DA 42 Series Airplane Maintenance Manual Doc. No. 7.02.01, latest effective issue
WI-RSB-42-066, latest effective issue.

III REMARKS

1. All measures must be carried out by a certified aircraft service station or a certified maintenance aircraft mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries.