

OPTIONAL SERVICE BULLETIN

NO. OSB-42-009

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes affected

Type: DA 42

Serial Numbers: 42.114 and previous, excluding 42.064 through 42.106 and 42.108

I.3 Time of Compliance

At owner's discretion.

I.4 Subject

Installation of two additional hinges to forward cargo doors of the DA42 series.

I.5 Reason

Two additional hinges provides structure with enough strength to ensure that cargo door can remain open without aid.

I.6 Concurrent Documents

None

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 42-085, 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.8 Accomplishment/Instructions

Comply with WI-OSB-42-009, installation of additional hinge to forward cargo door.

I.9 Mass (Weight) and CG

The change in mass and CG is negligible.

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

Materials including drawings are available from Diamond Aircraft Industries

II.2 Special Tools

Standard workshop equipment.

II.3 Credit

2 man hours of work
Material according to WI-OSB-42-009

II.4 Reference Documents

WI-OSB-42-009 for DA 42
DA42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, always latest revision.

III REMARKS

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