

OPTIONAL SERVICE BULLETIN

NO. OSB-42-051

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes affected

Type: DA 42

Serial Numbers: all DA 42 except OÄM 42-112 is already installed

I.3 Time of Compliance

If internal NAV/LOC/GS Antenna functions unsatisfactory
At owners discretion

I.4 Subject

Installation of a Comant CI120/GS NAV/LOC/GS Antenna on the vertical fin

I.5 Reason

Replacement of the NAV/LOC/GS Antenna installed inside the elevator is not feasible.
This OSB allows the retrofit of an external VOR/LOC/GS antenna on the vertical fin of the airplane.

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 42-112, 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

WI-OSB-42-051, latest effective issue must be complied with.

I.9 Mass (Weight) and CG

Update the Weight and Balance report of the aircraft in accordance with AMM Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective issue

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

See WI-OSB-42-051, latest effective issue.

II.2 Special Tools

None.

II.3 Labor effort:

Approx. 10 hours

II.4 Credit

None.

II.5 Reference Documents

Diamond Aircraft Maintenance Manual Doc. No. 7.02.01, latest effective issue.
WI-OSB-42-051, latest effective issue.

III REMARKS

1. All measures must be carried out by 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.