

# 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.