

**OPTIONAL SERVICE BULLETIN NO. OSB 40-084 REV. 1**  
**SUPERSEDES OSB 40-084 REV. 0**

**I TECHNICAL DETAILS**

**I.1 Category**

Optional.

**I.2 Airplanes Affected**

Type: DA 40-180

S/N: All with Garmin STC #SA01714WI (GTX 3XX Transponder installation) installed.

**I.3 Date of Effectivity**

18 September 2023.

**I.4 Time of Compliance**

At owner's discretion.

**I.5 Subject**

Installation of COM/GPS Antenna.

NOTE: Installation of GTX 3XX unit is not covered by this service bulletin; refer to the Garmin STC for unit installation.

**I.6 Reason**

Garmin's STC does not include the installation of a GPS antenna required with certain software levels. The installation of Garmin GTX 3XX Transponder (ADS-B In/Out) requires the minimum below software to utilize aircraft's existing GPS as a position source.

ADS-B Position Source	Description	Version	Part No.
GIA 63W	Main software	6.40.1	006-B0544-3E
	GPS/WAAS Engine	5.00	006-B0339-20

The DA40-180 software is below these software levels, and therefore requires a separate GPS antenna to be installed with this STC.

**I.7 Concurrent Documents**

None.

**I.8 Approval**

The technical information and instructions contained in this document relate to Design Change Advisory OAM 40-1004, which has been approved as part of the type design.

Diamond Aircraft Industries  
**OPTIONAL SERVICE BULLETIN**  
Model DA 40-180

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**I.9 Accomplishment/Instructions**

See WI-OSB 40-084, latest effective issue.

**I.10 Mass (Weight) and CG**

The change in mass and CG is negligible.

**II PLANNING INFORMATION**

**II.1 Material and Availability**

See WI-OSB 40-084, latest effective issue.

**II.2 Special Tools**

None.

**II.3 Labour Effort**

Approximately 12 hours will be required to accomplish this service bulletin.

**II.4 Credit**

None.

**II.5 Reference Documents**

DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, latest effective issue.  
Garmin STC #SA01714WI (GTX 3XX Part 23 AML STC Installation Manual).

**III REMARKS**

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular which is not especially described in this service bulletin, must be done in accordance with the referenced maintenance manual.
3. Completion of all work must be recorded in the logbook.
4. In case of doubt, contact Diamond Aircraft Industries Inc.

**EXECUTION REPORT TO  
SERVICE BULLETIN  
OSB 40-084 REV. 1**

**AIRPLANE DATA**

Airplane serial number \_\_\_\_\_  
Airplane registration \_\_\_\_\_  
Airplane operator \_\_\_\_\_  
Hours of operation of airplane (TSN) \_\_\_\_\_  
Typical operation of airplane private, club, training, other: \_\_\_\_\_

**MAINTENANCE DATA**

Date of maintenance \_\_\_\_\_  
Maintenance carried out by \_\_\_\_\_  
During scheduled inspection? ☐ Yes ☐ No \_\_\_\_\_

\_\_\_\_\_  
Name Signature Date

Please e-mail the completed form to [Techpubs@diamondaircraft.com](mailto:Techpubs@diamondaircraft.com).