

SERVICE BULLETIN



Service Bulletin No.: D42L-34-05 Rev 0

Title: Installation of Garmin Wide Area Augmentation System (WAAS)

Date Issued: 13 Mar 2013

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1. TECHNICAL DETAILS

1.1 Category

Optional

1.2 Airplanes affected

All non-WAAS equipped DA42-L360 aircraft.

1.3 Time of Compliance

At holder's discretion

1.4 Subject

To install Garmin WAAS equipment.

1.5 Reason

To install WAAS equipment enabling better position accuracy by the GPS and access to vertically-guided 'near-precision' approaches.

1.7 Approval

The technical information contained within has been approved under the DA42 L360 aircraft with TCCA STC SA09-54 or FAA STC SA02725NY.

1.8 Accomplishment/Instructions

Comply with WI-D42L-34-05, latest effective issue.

2. PLANNING INFORMATION

2.1 Material & Availability

NOTE: Before ordering kit verify which style of GPS antenna (Rectangular or Teardrop footprint) is currently installed on your aircraft and whether the GDL69 system is already installed.

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Materials kit with the GA36 Antenna(s) (Rectangular footprint) Installed:

D42L-34-05-1 (aircraft equipped with GDL69)

D42L-34-05-2 (aircraft not equipped with GDL69)

Materials kit with the GA35 Antenna(s) (Teardrop footprint) installed:

D42L-34-05-3 (aircraft equipped with GDL69)

D42L-34-05-4 (aircraft not equipped with GDL69)

Materials are available from Diamond Aircraft Industries Inc.

2.2 Special Tools

TNC Crimpers

TNC Coax Strippers

Ramp Test Equipment (Ex. IFR4000)

2.3 Labor effort

Approximately 4 hour

This estimate is for direct labor performed by a technician and it does not include setup, planning, familiarization, cure time, part fabrication or tool acquisition.

2.4 Credit

None.

2.4 Reference documents

- Work Instruction WI-D42L-34-05, latest effective issue
- Diamond Aircraft DA 42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective issue.
- Diamond Aircraft DA42 L360 Aircraft Maintenance Manual, Doc. # D42L-AMM-001, latest effective issue.
- Diamond Aircraft DA42 L360 Aircraft Flight Manual, Doc. # D42L-AFM-002, Supplement 4, latest effective issue.

3. REMARKS

- The work must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.

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- Completion of this Service bulletin must be recorded in the log book.
- In case of doubt, contact Diamond Aircraft.