



**Technify
Motors**

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SB TMG 651-1005 P2

Service Bulletin

PRIORITY 2 - RECOMMENDED

Service Bulletin No. / Date: SB TMG 651-1005 P2, Initial Issue / August 24, 2015

Subject: Update GARMIN G1000 system software

Type affected: Piper PA28-181 (ARCHER III) with TAE 125-02-114

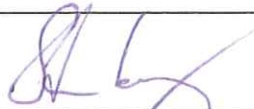

Models affected: All PA28-181 with installed G1000 system

Classification: Category P2 – Recommended

Time of Compliance: At next maintenance action

Reason: To keep the G1000 system software up to date and in relation to the latest revision of the POH supplement

Approval: The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010

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| Checked M. Steinberg, CVE  | Approved M. Heinrich, Office of Airworthiness  |
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Correction:

1. Software check:

- Check the current installed system software version on the G1000 system status page.
Refer to GARMIN G1000 pilot's guide for PA28-181 ARCHER. (Doc. no.: 190-01459-00)
- Check table below for latest approved system software version.
- If both versions differ install the latest approved software version.

| Approved Version | Details | Remarks |
|------------------|--|---|
| 2006.01 | Production release software | Superseded by version 1618.04 |
| 1618.04 | Prod. release software, latest version | <i>Loader Enbl Card 010-01473-01 006-D5114-03</i> |
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- ◆ **Note:** It is highly recommended always to use the latest approved system software version.
- ◆ **Note:** Please contact Technify Motors GmbH for supply of latest system software version or further information.

2. Installation of GARMIN software

- Install the latest approved system software via loader card.
Refer to software loading procedure in the original PA-28-181 Maintenance Manual, Section 34-20. (Doc. no.: 761-883)
- ◆ **Note:** Changing the GARMIN software requires new configuration of the system.

3. Fuel tank calibration

- Recalibrate the fuel tank indicators in accordance with AMM 40-02, Section 28.

4. Handbook update:

- Replace the supplement of the pilot operating handbook for the PA-28-181 (POH supplement) by the latest revision.
See TMG manual download.

5. Engine Test Run:

- Perform an engine test run in accordance with OM 02-02.
Pay special attention to the engine indicators.