

GARMIN Ltd. or its subsidiaries  
c/o GARMIN International, Inc.  
1200 E. 151st Street  
Olathe, Kansas 66062 U.S.A.

**EASA Approved AIRPLANE FLIGHT MANUAL SUPPLEMENT**

**G1000 Integrated Avionics System and GFC 700 AFCS In  
Hawker Beechcraft 200, 200C, B200, B200C, B200GT, B200CGT  
300, 300LW, B300 and B300C King Air Aircraft**

**Dwg. Number: 190-00915-04 Rev. 3**

This Supplement is Applicable to the Following Manuals:

190-00915-02  
190-00716-02  
190-00716-03

This Supplement must be attached to the FAA Approved STC Airplane Flight Manual Supplement when the GARMIN G1000 Integrated Avionics System is installed in accordance with STC SA01535WI-D. The information contained herein supplements the information of the STC Airplane Flight Manual Supplement. For Limitations, Procedures, and Performance information not contained in this Supplement consult the basic Pilot's Operating Handbook, FAA Approved Airplane Flight Manual and the FAA Approved STC Airplane Flight Manual Supplement.

**Airplane Serial Number:** \_\_\_\_\_

**Airplane Registration Number:** \_\_\_\_\_

**Signed By:** 

**Robert G. Murray  
ODA STC Unit Administrator  
Garmin International Inc.  
ODA-240087-CE**

**Date:** 10/24/2014

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# GARMIN International, Inc

## Log of Revisions

### EASA Approved AIRPLANE FLIGHT MANUAL SUPPLEMENT

#### G1000 Integrated Avionics System and GFC 700 AFCS In Hawker Beechcraft 200, 200C, B200, B200C, 300, 300LW, B300, B300C King Air Aircraft

REV NO.	PAGE NO(S)	DESCRIPTION	DATE OF APPROVAL	EASA APPROVED
1	ALL	Original Issue	17 Dec 2010	European Aviation Safety Agency <b>Paul Hatton</b> Project Certification Manager
2	ALL	Added models 300, 300LW, B300 and B300C. Added manuals 190-00716-02 and 190-00716-03.	4 Jul 2013	European Aviation Safety Agency <b>Paul Hatton</b> Project Certification Manager
3	ALL	Added models B200GT and B200CGT and limitation for procedures with RF legs/RNP-AR.	See Cover	See Cover

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## Section 1 - General

The information in this supplement is EASA-approved material and must be attached to the FAA Approved STC Airplane Flight Manual Supplement, p/n 190-00915-02, p/n 190-00716-02 or p/n 190-00716-03 (as applicable) when the airplane has been modified by installation of the GARMIN G1000 Integrated Avionics System and GFC 700 AFCS in accordance with STC SA01535WI-D.

This EASA approved Airplane Flight Manual Supplement is required in addition to the FAA approved Airplane Flight Manual Supplements, p/n 190-00915-02, p/n 190-00716-02 or p/n 190-00716-03.

## Section 2 - Limitations

### G1000 GPS/SBAS NAVIGATION SYSTEM

#### SBAS AUGMENTED GPS SYSTEM LIMITATIONS

##### Approaches with LPV and VNAV

For airplanes registered in the European Union member states and other states associated to EASA, approaches using Lateral Precision with Vertical guidance, (LPV) and RNAV-GNSS approach operations to LNAV/VNAV minima (i.e. APV BARO VNAV procedures) where angular VNAV guidance is provided by SBAS augmented GNSS in lieu of linear barometric VNAV must have been approved in accordance with AMC 20-27, NPA 2009-04 (AMC 20-28) and CRI-F-87.

The King Air 200 and 300 series with STC SA01535WI-D installed has been evaluated and approved in accordance with AMC 20-27, NPA 2009-04 (AMC 20-28) and CRI-F-87 with the following limitation:

- For airplanes fitted with TAWS-A, it must be operational when conducting LPV approaches

##### RNP-AR and Approaches with RF Legs

The King Air 200 and 300 series with STC SA01535WI-D installed have NOT been evaluated by EASA for RNAV/(GPS) and RNAV/(GNSS) procedures with RF legs or which require specific authorization (RNP-AR procedures). Therefore, RNP-AR procedures and any other procedures with RF legs are prohibited.

## Section 3 – Emergency Procedures

No Change

## Section 3A – Abnormal Procedures

No Change

## Section 4 – Normal Procedures

No Change

## Section 5 - Performance

No Change

## Section 6 – Weight and Balance

No Change

## **Section 7 – Systems Description**

No Change

## **Section 8 – Handling, Service, and Maintenance**

No Change