



## SERVICE ALERT

NO.: 1001 Rev A

TO: Owners/Operators of Garmin Integrated Flight Decks

DATE: January 27, 2010

SUBJECT: Standby Navigation Database

---

### AFFECTED PRODUCTS

All Garmin G1000, G900X, Perspective™, and Prodigy™ Integrated Flight Decks with the standby Navigation Database option enabled and with GDU software versions 10.00 through 11.01 are affected.

### IMMEDIATE ACTION REQUIRED

- Only load navigation databases as an **active** navigation database. Do not load a navigation database as a **standby** navigation database. This is accomplished by always selecting the YES softkey when the following prompt appears:

```
DO YOU WANT TO UPDATE THE ACTIVE NAVIGATION DATABASE?  
SELECTING YES WILL OVERWRITE THE ACTIVE NAVIGATION DATABASE.  
FROM TO  
REGION: WORLDWIDE WORLDWIDE  
CYCLE: 0912 0913  
EFFECTIVE: 19-NOV-2009 17-DEC-2009  
EXPIRES: 17-DEC-2009 14-JAN-2010  
  
NO WILL BE ASSUMED IN 28 SECONDS.  
UPDATING NAVIGATION DATABASE, PLEASE WAIT.
```

- Whenever the “NAV DB UPDATED – Active navigation database updated.” message is displayed, cycle system power (while on the ground). This message will only occur on the ground.

© Copyright 2010  
Garmin Ltd. or its subsidiaries  
All Rights Reserved

Perspective™ is a trademark of Cirrus Design Corporation. Prodigy™ is a trademark of Embraer S.A. Except as expressly provided herein, no part of this document may be reproduced, copied, transmitted, disseminated, downloaded or stored in any storage medium, for any purpose without the express prior written consent of Garmin. Garmin hereby grants permission to download a single copy of this document and of any revision to this document onto a hard drive or other electronic storage medium to be viewed and to print one copy of this document or of any revision hereto, provided that such electronic or printed copy of this document or revision must contain the complete text of this copyright notice and provided further that any unauthorized commercial distribution of this document or any revision hereto is strictly prohibited.

## **DESCRIPTION**

Using the standby navigation database feature may result in erroneous navigation information when the standby navigation database is transferred to the active database. This occurs automatically at the next power-on cycle after the active database has expired and is indicated by the system message “NAV DB UPDATED – Active navigation database updated.”

Until system power is cycled again (after the standby to active database transfer) navigation information may be absent or clearly erroneous and the HSI (Horizontal Situation Indicator) displays a “T” (normally indicates True North) following the HSI digital heading readout (refer to Figure 1) when True North is not selected.

### **NOTE**

VOR, ADF (if equipped), and aircraft position (as depicted on the moving map) are not affected.



**Figure 1**

## **RESOLUTION**

This condition is corrected by cycling system power after the standby navigation database is transferred to the active navigation database, as indicated by the system message “NAV DB UPDATED – Active navigation database updated”.

An improved standby navigation database feature will be available in GDU software versions 11.10 and later. Do not use the standby navigation database feature until GDU software version 11.10 or later has been installed.