

## SERVICE INFORMATION NO. SI D4-073/1

**NOTE:** SI's are used **only**:

- 1) To distribute information from DAI to our customers.
- 2) To distribute applicable information / documents from our suppliers to our customers with additional information.

Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 40 D aircraft equipped with GARMIN G1000 System.

#### 1.2 Subject:

GARMIN Service Alert 070801-01  
ATA-Code: 34-00

#### 1.3 Reason:

Garmin has issued a revision of the Service Alert 070801-00 which revokes the applicability of the Service Alert to the DA 40 D.

#### 1.4 Information:

For detailed technical information confer GARMIN – Service Alert 070801-01 which is now not applicable to the DA 40 D.

### II. OTHERS

The GARMIN Service Alert 070801-01 is attached to this SI.

In case of doubt contact Diamond Aircraft Industries GmbH.



## **\*\*SERVICE ALERT\*\***

### **AVIATION PRODUCT ALERT**

**Service Alert: 070801-01**

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#### **REVISION B: Revised Affected Products and Aircraft Section**

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#### **AFFECTED PRODUCTS AND AIRCRAFT:**

Garmin G900X Systems installed on any aircraft and Garmin G1000 Systems installed on the following aircraft with GDU 1XXX software versions prior to V8.20:

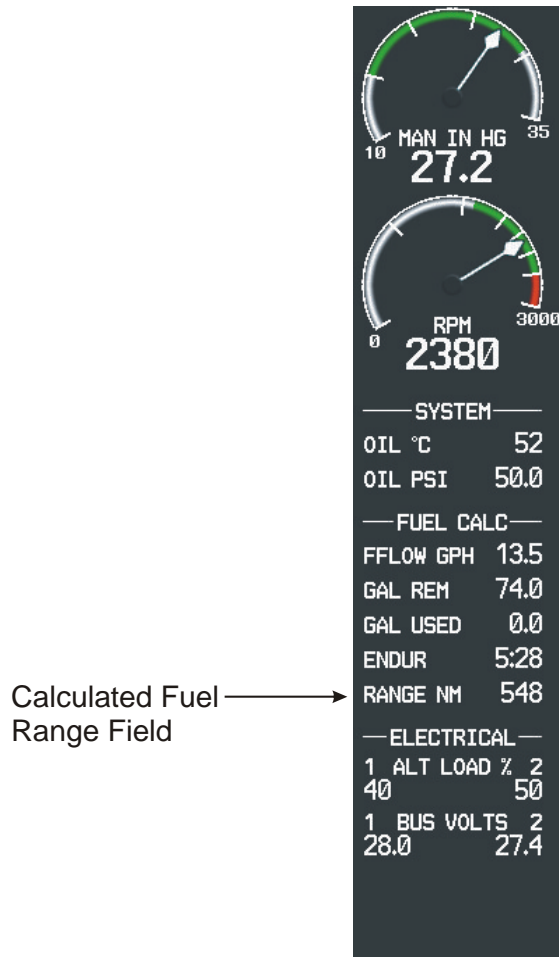
- Columbia 350/400
- Piper PA32
- Quest Kodiak 100
- Hawker Beechcraft G36 Bonanza

#### **IMMEDIATE ACTION REQUIRED:**

**The pilot should select and use NAUTICAL (NM and KTS) Distance and Speed units instead of selecting and using METRIC Distance and Speed units (KM and KPH).**

#### **DESCRIPTION OF ISSUE:**

Affected aircraft use a Calculated Fuel Range Field (Figure 1) that works correctly only when the Distance/Speed Display Unit Field on the AUX - System Setup Page is set to NAUTICAL (NM, KT) (Figure 2).



**Figure 1. Engine System Display (Typical)**

When the Distance/Speed setting on the AUX System Setup Page is changed to METRIC (KM, KPH), the Calculated Fuel Range Field on the Engine System Display is inaccurate. This may cause the pilot to mistakenly believe he can fly farther than is possible on the remaining fuel.



**Figure 2. AUX-System Setup Page Distance/Speed Setting**

**RESOLUTION:**

GDU software V8.20 or later incorporates a change correcting the issue. Until GDU software V8.20 or later is installed, the pilot should select NAUTICAL (NM, KT) Display Units for Distance/Speed on the AUX System Setup Page (Figure 2). Instructions on changing the Distance/Speed Units are in the Pilot's Guide and Cockpit Reference Guide for the aircraft listed in this Service Alert.