

## **SERVICE INFORMATION NO. SI 40-047**

## **SERVICE INFORMATION NO. SI D4-062**

**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 send along with a new SI.

### **I. TECHNICAL DETAILS**

#### **1.1 Airplanes affected:**

All DA 40      aircraft equipped with GNS 430/530 Series Units  
All DA 40D    aircraft equipped with GNS 430/530 Series Units  
All DA 40F    aircraft equipped with GNS 430/530 Series Units

#### **1.2 Subject:**

GARMIN:      NAV Software Version 5.02 for GNS 430/530 Series Units  
ATA-Code:    34-00

#### **1.3 Reason:**

GARMIN has issued a Software Service Bulletin which announces the availability of NAV Software Version 5.02 for the GNS 430/530 series units.

#### **1.4 Information:**

For detailed technical information see GARMIN Software Service Bulletin which is applicable without any further additions or restrictions.

### **II. OTHERS**

The GARMIN Software Service Bulletin No.: 0628 is attached to this SI.

In case of doubt contact Diamond Aircraft Industries.



## SOFTWARE SERVICE BULLETIN

NO.: 0628

**TO:** All Garmin Aviation Service Centers

**DATE:** 17 January 2007

**SUBJECT:** NAV Software Version 5.02 for the GNS 430/530 Series Units

---

### **PURPOSE**

This software service bulletin announces the availability of NAV Software Version 5.02 for the GNS 430/530 series units.

### **DESCRIPTION**

This software service bulletin requires the unit to be returned to the factory.

NAV Software Version 5.02 provides optional serial DME interface capability, which was not available in previous NAV Software Version 5.01.

### **APPROVAL**

See the applicable installation manual for a list of TSO/ETSO/JTSA approvals.

The engineering data contained in NAV Software Version 5.02 are FAA approved. This change is a minor software change.

### **AFMS AND PILOT'S GUIDE CONSIDERATIONS**

There are no AFMS changes.

## **PRODUCT AFFECTED**

All GNS 430/GNS 530 family units with NAV Software Version 5.01.

## **COMPLIANCE**

This service bulletin is optional for installations when serial DME channeling is needed.

## **REFERENCES**

400 Series Installation Manual, P/N 190-00140-02, Rev. Q or later  
500 Series Installation Manual, P/N 190-00181-02, Rev. Q or later  
400W Series Installation Manual, P/N 190-00356-02, Rev. B or later  
500W Series Installation Manual, P/N 190-00357-02, Rev. B or later

## **MANPOWER**

This is a factory only modification.

## **WARRANTY INFORMATION**

This modification is not warranty reimbursable.

## **MODIFICATION INSTRUCTIONS**

The modification consists of returning the unit to the Garmin factory.

## **TESTING PROCEDURE**

The unit's built-in Self-Test and successful completion of the applicable Post Installation Check Out Procedure in the aircraft is adequate.

## **MATERIAL INFORMATION**

N/A