

## SERVICE INFORMATION NO. SI 40-015

## SERVICE INFORMATION NO. SI D4-021

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected

DA 40	40.006 -40.079, 40.081 - 40.083, 40.201 - 40.429, equipped with the KAP 140 Autopilot System
DA 40 D	40.080, 40.084, D4.001 - D4.090, D4-092 - D4.100, D4.102 - D4.105, D4.107 - D4.114, D4.117 - D4.121, D4.123 - D4.125, D4.128, D4.132, equipped with the KAP 140 Autopilot System

#### 1.2 Subject

Autopilot KAP 140

ATA-Code: 22-00

#### 1.3 Reason

Honeywell has created a new Software Version for the KAP 140 Autopilot installed in the DA 40 and DA 40 D, to reduce the number of nuisance TRIM FAIL faults. This new Software Version has now been certified for use in the DA 40 / DA 40 D can be installed retrofit.

#### **1.4 Information**

The instructions given in the Installation Bulletin No. 511 from Honeywell must be followed.

This Installation Bulletin is applicable without any restrictions. No further work will be necessary on the aircraft itself. Airplane serial numbers not mentioned above will have installed the new Software Version during serial production.

#### **II. OTHERS**

The Installation Bulletin No. 511 from Honeywell is attached to this Service Information.

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## *Installation Bulletin*

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**BULLETIN NO:** 511

**APPLICABLE TO:** Diamond DA-40 Aircraft Equipped with the KAP 140 Autopilot System

**SUBJECT:** Nuisance TRIM FAIL Faults

To reduce the number of nuisance TRIM FAIL faults experienced during autopilot operation in a Diamond DA-40, a new certification disk has been created. The disk is P/N 225-00035-0003, and contains new certification file number 18770001.CER.

To upload the new certification file, follow the directions in KAP 140 Installation Manual P/N 006-00991-000X, Section 2, starting in paragraph 2.3.3.1.

If the unit is still under the original new product warranty and the work is completed by an appropriately rated Honeywell Service Center, warranty credit or payment will be issued for the time and part required to upload the new certification file. A properly completed warranty claim for one and one-half (1.5) hours labor plus parts must be submitted.