

# OPTIONAL SERVICE BULLETIN

## NO. OSB 42-061

## NO. OSB 42NG-006

### **I TECHNICAL DETAILS**

#### **I.1 Category**

Optional.

#### **I.2 Airplanes Affected**

Type: DA 42, DA 42 M, DA 42 NG, DA 42 M-NG

Serial Numbers: all S/N, in which NÄM 42-017 'Operation in the CIS' has not been carried out.

#### **I.3 Date of Effectivity**

11-Jul-2011

#### **I.4 Time of Compliance**

Requirements of I.9 must be complied with before a CIS NAA certificate of airworthiness can be obtained.

#### **I.5 Subject**

Import requirements to CIS

#### **I.6 Reason**

Certification and operational requirements for aircraft operated under a national registration in a CIS member state in accordance with national requirements.

#### **I.7 Concurrent Documents**

None.

#### **I.8 Approval**

The technical information or instructions contained in this document relate to the Design Change Advisory No. NÄM 42-017/b, which has been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA No. EASA.21J.052.

## **I.9 Accomplishment/Instructions**

### Airplane Flight Manual:

#### **All airplanes:**

Supplement No. N017 to Airplane Flight Manual Doc. No. 7.01.05-E or if GFC 700 Autopilot System is installed, Supplement No. N017 to Airplane Flight Manual Doc. No. 7.01.06-E must be furnished with the Airplane Flight Manual, for DA 42 /M airplanes.

Supplement No. N017 to Airplane Flight Manual Doc. No. 7.01.15-E must be furnished with the Airplane Flight Manual, for DA 42 NG /M-NG airplanes.

Drawing D60-2303-01-00 must be furnished with the AFM in front of supplement N017.

#### **DA 42 M:**

Supplement M00 to Airplane Flight Manual Doc No 7.01.05-E or if GFC 700 Autopilot System is installed, Doc No 7.01.06-E must be furnished with the Airplane Flight Manual

Supplement M00 to Airplane Maintenance Manual Doc No 7.02.01 must be furnished with the Airplane Maintenance Manual

#### **DA 42 M-NG:**

Supplement M00 to Airplane Flight Manual Doc No 7.01.15-E must be furnished with the Airplane Flight Manual

Supplement M00 to Airplane Maintenance Manual Doc No 7.02.15 must be furnished with the Airplane Maintenance Manual

### Equipment:

The following equipment must be installed for the desired kinds of operation:

#### **a) VFR operations**

Airspeed indicator

Two Barometric altitude indicators, one indicating in feet and one indicating in meter.

Attitude indicator

Slip indicator

Magnetic compass

Clock, displaying hours, minutes and seconds

ADF

DME

ATC Radar Transponder (Mode A + C)

VOR radio equipment

Two-way radio communication

Emergency locator transmitter (ELT)

**b) IFR operations, additional to a)**

Instrument of magnetic and/or true heading gyro-stabilized

Vertical speed indicator

Rate of turn indicator

Standby mechanical baroaltimeter

Standby gyro-horizon

Indicator of airplane's position (i.e. GPS)

Instrument landing system (ILS)

De-Ice-System Design Change Advisory OÄM 42-053 and OÄM 42-054 (DA 42 /M) /

OÄM 42-160 (DA 42 NG /M-NG)

**c) Additional equipment for single pilot operation under IFR**

Autopilot with altitude pre-selector

**d) Commercial operations**

Flight data recorder

**e) For all flights**

Emergency Radio must be carried on board in accordance with drawing D60-2303-01-00

**I.10 Mass (Weight) and CG**

Mass and Center of Gravity are not affected.

**II PLANNING INFORMATION****II.1 Material & Availability**

None.

**II.2 Special Tools**

None.

**II.3 Labor Effort**

None.

**II.4 Credit**

None.

## **II.5 Reference Documents**

Interstate Aviation Committee – Aviation Register TCDS CT286-DA42, latest effective issue.

Interstate Aviation Committee – Aviation Register TCDS CT287-DA42M, latest effective issue.

DA 42 Airplane Flight Manual, Doc. No. 7.01.05-E or 7.01.06-E, latest effective revision, as applicable.

DA 42 Airplane Flight Manual, Doc. No. 7.01.15-E, latest effective revision, as applicable.

Supplement N017 (Operation in CIS) to the Airplane Flight Manual Doc. No. 7.01.05-E or 7.01.06-E.

Supplement N017 (Operation in CIS) to the Airplane Flight Manual doc. No. 7.01.15-E, latest effective revision, as applicable.

DA 42 Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective revision.

DA 42 NG Airplane Maintenance Manual, Doc. No. 7.02.15, latest effective revision.

Drawing D60-2303-01-00

## **III REMARKS**

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, particular those that are not especially described in this service bulletin, must be done in accordance with the referenced maintenance manual.
3. Completion of all work must be recorded in the aircraft log book.
4. In case of doubt contact Diamond Aircraft Industries.



## EXECUTION REPORT OSB 42-061 OSB 42NG-006

### AIRPLANE DATA

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

Airplane Registration: \_\_\_\_\_

Airplane Operator: \_\_\_\_\_

Hours of operation of airplane: \_\_\_\_\_

No. of landings: \_\_\_\_\_

Hours of operation-engine LH: \_\_\_\_\_

RH: \_\_\_\_\_

Typical operation of airplane: private, club, training, other \_\_\_\_\_

\_\_\_\_\_  
Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to [airworthiness@diamond-air.at](mailto:airworthiness@diamond-air.at)