

RECOMMENDED SERVICE BULLETIN NO. RSB D4-043

I. TECHNICAL DETAILS

1.1 Category

Recommended.

1.2 Airplanes affected

Type: DA 40 D
Serial numbers: 40.080, 40.084,
D4.001 up to and incl. D4.179

1.3 Time of Compliance

until 31-Jul-2005 *) see item 1.5

1.4 Subject

Cylinder Pressure Loss Test of TAE - Engine.

ATA-Code: 71-00

1.5 Reason

- *) Diamond Aircraft will issue a Service Bulletin for further modification of the TAE 125 Engine installation in near future. This will also affect the engine, depending on the engines condition.
In order to have a sufficient number of spare parts for disposal, and to avoid unnecessary delays for the customer, Diamond Aircraft Industries recommend all DA40D to send the data asked for under item 1.8 to Diamond Aircraft Industries

1.6 Concurrent documents

Repair Manual RM-02-01, latest revision from Thielert Aircraft Engines.

1.7 Approval

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

1.8 Accomplishment / Instructions

Carry out Cylinder Pressure Loss Test of TAE-Engine according to Repair Manual
RM-02-01, Chapter 37.0

Record data and submit data to

Diamond Aircraft Industries
Ferdinand Graf von Zeppelin-Str. 5
A-2700 Wiener Neustadt

email: support@diamond-air.at

1.9 Mass (Weight) and CG

No change

II. PLANNING INFORMATION

2.1 Material & Availability

None

2.2 Special Tools

Differential pressure measurement device (refer to Repair Manual
RM-02-01, Chapter 37.0)

2.3 Labor effort

Overall work: 0.75 man hours

2.4 Credit

0.75 man hours of work

2.5 Reference documents

DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, always latest revision.

III. REMARKS

1. All measures must be carried out by the manufacturer, a certified aircraft service station or a certified aircraft maintenance mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries.