

TECHNISCHE MITTEILUNG NR. MSB20-40

SERVICE BULLETIN NO. MSB20-40

I. TECHNISCHE ANGABEN

1.1 Kategorie

Vorgeschrieben.

1.2 Betroffene Flugzeuge

DV 20 alle Werknummern

1.3 Dringlichkeit

Bei Erhalt dieser TM.

1.4 Gegenstand

Lebensdauerbegrenzte Motorkomponenten.

1.5 Anlaß

Anpassung der Lebensdauer der Motorkomponenten an die Angaben des Motorherstellers.

1.6 Zusätzlich geltende Unterlagen

Wartungshandbuch Rotax 912.

1.7 Genehmigung

Die Informationen oder Anweisungen in diesem Dokument beziehen sich auf Änderungsmitteilung Nr. MÄM 20-245, welche auf Grundlage des JAA Design Organization Approval No. MOT JA-01 genehmigt wurde.

Die technischen Informationen in diesem Dokument sind auf Grundlage des JAA Design Organization Approval No. MOT JA-01 genehmigt worden.

I. TECHNICAL DETAILS

1.1 Category

Mandatory.

1.2 Airplanes affected

DV 20 all serial numbers

1.3 Time of compliance

Upon receipt of this SB.

1.4 Subject

Life limited engine components.

1.5 Reason

Adaption of life time limits of engine components to the specifications of the engine manufacturer.

1.6 Concurrent documents

Maintenance Manual Rotax 912.

1.7 Approval

The information or instructions contained in this document relate to Design Change Advisory no. MÄM 20-245 which has been approved under the authority of JAA Design Organization Approval No. MOT JA-01.

The technical information contained in this document has been approved under the authority of JAA Design Organization Approval No. MOT JA-01.

1.8 Maßnahmen

1. Revision 11 des Wartungshandbuchs (Airplane Maintenance Manual, Dok. Nr. 4.02.02)
 - (a) Austausch der geänderten Seiten.
 - (b) Bestätigen der Revision auf Seite i/ii.

1.9 Wiederkehrende Maßnahmen

Keine.

1.10 Masse und Schwerpunktlage

Nicht betroffen.

II. PLANUNGSANGABEN**2.1 Material und Verfügbarkeit**

Revision 11 des Wartungshandbuchs kann von Diamond Aircraft Industries GmbH oder vom zuständigen Generalvertreter oder Servicestützpunkt bezogen werden.

2.2 Spezialwerkzeuge

Nicht erforderlich.

2.3 Arbeitsaufwand

15 Minuten.

2.4 Referenzunterlagen

Keine.

2.5 Rückvergütung

Nicht anwendbar.

III. HINWEISE

1. Die Maßnahmen sind von einer sachkundigen Person durchzuführen.
2. Die Durchführung der Maßnahmen ist im Bordbuch zu bestätigen.

1.8 Measures

1. Revision 11 of the Airplane Maintenance Manual (Doc. No. 4.02.02)
 - (a) Replacement of revised pages.
 - (b) Confirmation of revision on page i/ii.

1.9 Recurring actions

None.

1.10 Mass (Weight) and CG

Not affected.

II. PLANNING INFORMATION**2.1 Material and availability**

Revision 11 of the Airplane Maintenance Manual can be obtained from Diamond Aircraft Industries GmbH or from your local General Distributor or Diamond Service Center.

2.2 Special tools

Not required.

2.3 Labor consumption

15 minutes.

2.4 Reference documents

None.

2.5 Credit

Not applicable.

III. REMARKS

1. The measures must be carried out by a competent person.
2. Accomplishment of the measures must be confirmed in the log book.

Record of Revisions (continued)

Revision No.	Date	Affected Chapters	Affected Pages
Rev. # 8	May 1997	05-20	D 5, 6b, 12b, 13a, 14b
		05-21	1, 6b, 13a, 14b
		10-30	1
		51-10	15
Rev. # 9	Jan 1999	03-00	D 5, 6
		05-10	1
		05-20	1, 8b, 9a, 9b, 14b
		05-21	1, 6a thru 14b
		05-30	1
		20-00	2
		24-00	2
		24-30	2, 7
		24-50	2
		51-10	1, 2, 2a
		51-20	1
		61-00	5
		92	2 and diagrams as indicated on page 92-2
Rev. #10	July 1999	03-00	D 4, 5
		05-10	1
		05-20	5, 6a thru 9a, 14b
		05-21	5, 6a thru 9a, 14b
		11-10	8
		11-11	8
		12-10	2, 2a, 5, 6
		28-00	1
		61-00	1, 6
		71-00	2, 3, 3a, 5
		75-10	1
77-00	1, 2, 6		
Rev. #11	Sept. 2001	04	D 1
		04-10	1, 2

Chapter 04

Airworthiness Limitations

The pages within this chapter identified as "ACG-approved" are approved by:

Signature:



Authority:

AUSTRO CONTROL GmbH
Abteilung Flugtechnik
Zentrale
A-1030 Wien, Schnirchgasse 11

Stamp:



Date:

17. OKT. 2001

The ACG-approved pages are accepted by the FAA. Any revisions to these pages require prior FAA approval.

For Canadian registered airplanes, the Airworthiness Limitations are to be understood as recommended Service Life Limitations.

Chapter 04-10

LIFE LIMITED PARTS

The items listed below are life limited items which must be removed from service at the replacement times shown, and discarded (scrapped).

<u>Component</u>	<u>Replacement Time</u>
Flexible brake lines	8 years
Fuel hoses to and from the mechanical fuel pump (airplanes with Rotax 912 A engine)	12 months
Mechanical fuel pump with fuel hoses (airplanes with Rotax 912 S engine) . .	5 years
Oil hoses	5 years or upon engine overhaul, whichever comes first
Coolant hoses	5 years
Carburetor membranes	5 years
Carburetor vent hoses	5 years
Elastomer fittings between intake manifolds and carburetors . . .	5 years
Hoses between airbox and carburetors .	5 years
All 3 hoses connected to compensator pipe between intake manifolds	5 years
Engine shock mounts	upon engine overhaul
Intake air filter cartridge	600 hrs.

<u>Component</u>	<u>Replacement Time</u>
Rudder control cables	1200 hrs. or 6 years, whichever comes first
ELT battery	depending on type
Safety belts	12 years

<u>Operating Fluid</u>	<u>Replacement Time</u>
Coolant	2 years
Brake Fluid	3 years

To ensure correct observation of these times, the date of removal and installation of such components as well as the flight hours must be entered in the Service Time Record (filed in the Airplane Maintenance Log).