

Airworthiness Directive Schedule

Gliders

Diamond/Hoffmann H-36 Dimona

30 June 2011

- Notes**
1. This AD schedule is applicable to Diamond/Hoffmann H-36 Dimona gliders manufactured by Hoffmann Flugzeugbau/Aircraft under European Aviation Safety Agency (EASA) Type Certificate No. A.065 (formerly Austro Control (Austrian CAA) Type Certificate Data Sheet no. SF 3/82). The EASA Type Certificate Holder is Diamond Aircraft Industries.
 2. The date above indicates the amendment date of this schedule.
 3. New or amended ADs are shown with an asterisk *

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DCA/H36/1 Airworthiness Directive Compliance at Initial Airworthiness Certificate Issue**Applicability:** Model H36 Dimona aircraft**Requirement:** Compliance with the following Luftfahrt-Bundesamt (LBA) and Austrian CAA (Austro Control) Airworthiness Directives (as applicable) is required:

Austro Control/LBA AD No:	Hoffmann/Diamond Aircraft Service Information:	Subject:	AD Requirement:
LBA AD 1982-236 (In German)	SB 2E (In English)	Water Accumulation - Aileron, Elevator and Wing	Installation of Drain Holes
LBA AD 1982-237/2 (In German)	SB 3E (In English)	Wing Skin Debonding	Vne Limitation, Inspection and Rework
LBA AD 1983-156 (In German)	SB 6E (In English)	Fuel Tank Capacity	Inspection, Placard and AFM Amendment
LBA AD 1983-157/2 (In German)	SB 7/2E (In English)	Engine Mount Supports	Preflight Inspection and AFM Amendment.
LBA AD 1984-205 (In German)	SB 11E (In English)	Fuel System	AFM Amendment and Fuel Pump Modification
LBA AD 1985-034 (In German)	SB 12 (in English)	Spin Characteristics	Placard and AFM Amendment
Austro Control AD 52/2 (LBA AD 1986-177/3 refers) Both ADs in German	Hoffmann Aircraft SB 19 (In English)	Wing Attachment Modification	Modification, AFM Amendment and ASI Markings
Austro Control AD 53 (LBA AD 1987-093 refers) Both ADs in German	Hoffmann Aircraft SB 15/2 (In English)	Horizontal Stabiliser Forward Attachment	Inspection and Modification
Austro Control AD 54 (LBA AD 1987-094 refers) Both ADs in German	Hoffmann Aircraft SB 17 (In English)	Shoulder Harness Fittings	Inspection and Rework
Austro Control AD 55 (LBA AD 1988-108 refers) Both ADs in German	Hoffmann Aircraft SB 24 (In English)	Main Bolts	Inspection and Rework
Austro Control AD 65 (LBA AD 1992-195 refers) Both ADs in German	Hoffmann Aircraft SB 25/1 (In English)	Life Limit Extension Program	Inspections and Finite Life Limits

Austro Control AD 85 in English (LBA AD 1996-203 refers)	Diamond SB 51 (in English)	Elevator Rib and Horn	Inspection and Modification
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Note: Each part of this AD (each individual LBA AD and Austrian AD) shall be certified in the aircraft log book separately.

Compliance: Before issue of a New Zealand Certificate of Airworthiness, or at the next ARA inspection after the effective date of this AD whichever is the sooner, unless previously accomplished.

Effective Date: 24 June 2010

DCA/H36/2 Fuel Tank – Inspection and Replacement

Applicability: Model H36 Dimona aircraft manufactured before 1985 fitted with a fuel tank made from FRP.

Requirement: To prevent fuel starvation due to deposits from the fuel tank blocking the fuel lines which could result in loss of engine power, accomplish the following:

1. Amend the aircraft maintenance manual per the instructions in Hoffmann Aircraft Service Bulletins No. 13/1 dated 23 October 1989 or later approved revisions.
2. Inspect the fuel tank and filters per the instructions in Hoffmann Aircraft Service Bulletins No. 13/1 dated 23 October 1989 or later approved revisions.

If any deposits are found as described in SB No. 13/1, replace the fuel tank with an aluminium tank 820.5.12S3a per the instructions in SB No. 13/1 and Hoffmann Modification Instruction No. 4 before further flight.

Note: Once the tank has been replaced with an aluminium tank 820.5.12S3a accomplish the fuel tank inspections per the instructions and intervals specified in the aircraft maintenance manual.

(Austrian CAA AD 60 and LBA AD 1985-128/2 refer)

\Compliance:

1. At the next maintenance inspection unless previously accomplished.
2. Within the next 50 hours TIS unless previously accomplished and thereafter at intervals not to exceed 100 hours TIS or annual inspection whichever occurs sooner until the FRP tank is replaced with an aluminium tank 820.5.12S3a.

Effective Date: 24 June 2010

*** DCA/H36/3 Air Brake Control System – Inspection and Replacement****Applicability:** Model H 36 “Dimona” aircraft, all S/N.**Requirement:** To prevent failure of the air brake control system due to possible corrosion of the torsion tube which could result in reduced aircraft control, accomplish the following:

1. Remove, test and inspect the air brake control system torsion tube for corrosion per the instructions in DAI MSB 36-105 revision 1 and the associated Work Instruction WI-MSB 36-105.

If any corrosion damage is found, replace the affected torsion tube with a serviceable part. Prior to installation apply anticorrosive agent (ACF 50, Dinitrol AV8, or ARDROX AV30, or equivalent) to the inside of the torsion tube per the instructions in DAI Work Instruction WI-MSB 36-105.

If no corrosion damage is found, apply anticorrosive agent (ACF 50, Dinitrol AV8, or ARDROX AV30, or equivalent) to the inside of the torsion tube prior to reinstallation per the instructions in DAI Work Instruction WI-MSB 36-105.

2. An air brake control system torsion tube must not be installed on any aircraft, unless anticorrosive agent has been applied to the inside of the tube per the instructions in DAI Work Instruction WI-MSB 36-105.

Note 1: The replacement of the torsion tube per requirement 1 of this AD is not a terminating action to the repetitive test and inspection requirements mandated by this AD.**Note 2:** Tests, inspections and corrective actions accomplished prior to the effective date of this AD per DAI MSB 36-105 at original issue are acceptable to comply with the initial requirements of this AD. After the effective date of this AD repetitive tests, inspections and corrective actions must be accomplished per DAI MSB 36-105 revision 1 dated 02 May 2011.**Note 3:** Diamond Aircraft Industries GmbH MSB 36-105/1 revision 1, dated 02 May 2011 and the associated Work Instruction WI-MSB 36-105 (original issue) dated 21 April 2011 and later approved revisions of these documents is acceptable to comply with the requirements of this AD.

(EASA AD 2011-0110 refers)

Compliance:

1. By 30 December 2011 and thereafter at intervals not to exceed 60 months.
2. From 30 June 2011.

Effective Date: 30 June 2011