



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-T-081/2003
Date of issue: October 07, 2003
Schempp-Hirth Flugzeugbau GmbH.
Discus-2T

SAILPLANE – ELEVATOR – BALANCE WEIGHT - INSPECTION

Applicability:

Kind of aeronautical product: Powered Sailplane
Manufacturer: Schempp-Hirth Flugzeugbau GmbH, Kirchheim/Teck, GERMANY
Type: Discus bT
Models affected: Discus-2T
Serial numbers affected: S/Nos: 1 through 33

Effective date: Upon receipt

Compliance: Required as indicated in LBA AD 2003-281.

Remarks: The compliance of this AD must be recorded in Sailplane Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.

Ing. Pavel MATOUŠEK
director

Airworthiness Directive 2003-281

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
G E R M A N Y

Effective Date: 02 October 2003

Schempp-Hirth

Affected:

Kind of aeronautical product: Powered Sailplane
Manufacturer: Schempp-Hirth Flugzeugbau GmbH, Kirchheim/Teck, GERMANY
Type: Discus bT
Models affected: Discus-2T
Serial numbers affected: S/Nos: 1 through 33
German Type Certificate No.: 863

Subject:

Elevator jamming due to separated balance weight.

Reason:

During a pre-flight check of a Discus-2T a roughness of the elevator control was noticed. After the removal of one elevator two loose pieces of lead were found. The outmost mass balance weight was separated and broken in two pieces.

The actions specified by this Airworthiness Directive are intended to prevent elevator jamming which can result in reduced controllability of the powered sailplane.

Action:

Within the scope of this Airworthiness Directive, the following actions are required:

1. The fixing of the outmost mass balance weight on both elevators has to be checked.
 2. The elevators have to be removed and the fixation of the mass balance weights has to be modified according to the instructions described in the mentioned manufacturer Technical Note.
 3. After the re-installation of the elevators, check for free travel and proper deflections within the permitted range.
- All necessary actions must be performed on the basis of the mentioned manufacturer Technical Note.

Compliance:

For the actions mentioned above the following compliance times have been laid down:

Action 1:

Before the next flight. If a loose weight is noticed, action 2 and the following must be carried out prior the next flight.

Action 2 and 3:

At the next annual inspection, but not later than December 31, 2003.

Technical publication of the manufacturer:

SCHEMP-P-HIRTH Technical Note No. 349-28, 360-20 and 863-8 dated September 16, 2003. This Technical Note becomes herewith part of this AD and can be obtained by the manufacturer under the mentioned address.

SCHEMP-P-HIRTH Flugzeugbau GmbH

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Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section, at the above address, fax-no.0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

LTA's / AD's and Technical Notes are published on the internet at <http://www.lba.de>