



GFA AIRWORTHINESS DIRECTIVE

CANCELLED 14.03.2016
REFER MANUFACTURERS CURRENT DATA

TYPE AFFECTED: H-36 Dimona.

SUBJECT: Life Extension to 6000 hours and service life limits of certain components.

BACKGROUND: The procedures for increasing the service life from 3000 hours to 6000 hours have been changed so that it is not necessary to complete inspections at 4000 and 5000 hours.

DOCUMENTATION: Hoffmann Aircraft Service Bulletin 25/1 which forms part of this AD.

ACTION REQUIRED:

1. At 3000 hours total time the powered sailplane must be inspected in accordance with the inspection program which is available from the manufacturer. Once the inspection has been completed and any defects rectified the life of the powered sailplane may be increased to 6000 hours.
2. Add page 87 to the Instructions for Continued Airworthiness. The service life of the components listed on page 87 must be complied with and any parts which have exceeded these lives must be replaced. The page is available from the GFA Secretariat on request.

WEIGHT AND BALANCE: Not Affected.

IMPLEMENTATION: The inspection to increase the Service Life must be performed by persons rated Survey on the H-36 Dimona.

COMPLIANCE: The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.

SIGNED: John Ashford

For and on behalf of:

CHIEF TECHNICAL OFFICER AIRWORTHINESS

THE GLIDING FEDERATION
OF AUSTRALIA

SERVICE BULLETIN no. 25/1

SUPERSEDES SERVICE BULLETIN NO. 25

DATED DECEMBER 20, 1989

Serial nos.

affected: all serial numbers of the type H-36 "DINONA"

Subject:

1) Inspection program for 3000 hours inspection and extension of life time to 6000 hours.

2) Aircraft components with limited life time.

Reason:

3000 hour inspection program:

As described in the Maintenance Manual, page 83, item 10.4, upon reaching 3000 hours of operation and in order to extend the life time to 6000 hours, the aircraft has to undergo a special inspection program to prove its airworthiness under the aspect of lifetime.

Diverging from the specifications in the Maintenance Manual, the inspection need not be carried through in intervals of 1000 hours; the lifetime can be extended directly from 3000 to 6000 hours.

The instructions to carry out are listed in the inspection program, which can be requested from the manufacturer.

Aircraft components with limited life time:

Upon publication of this Service Bulletin, the aircraft components specified below are subject to a limited life time in addition to the components listed in the Maintenance Manual (page 86, item 10.6). These parts must be renewed as soon as they reach their respective life time limit.

- Tail wheel steering cables: 1000 hrs. or 10 yrs.
- Air brake control cable: 1000 hrs. or 10 yrs.
- Silent blocks of engine mount: 3000 hrs.
- Engine tensioning cables and turnbuckles: 3000 hrs.
- Electric fuel pump part no. 4412: 1500 hrs.
- Electronic fuel pump part no. 8812: 3000 hrs.

- Fuel shut-off valve, type "Truma 8L": 3000 hrs. or 5 yrs.
- Fuel tank made of FRP: 3000 hrs.
- Rod end bearings, fastening screws, and brackets of main landing gear attachment: 3000 hrs.
- Outer rod end bearings of elevator attachment: 3000 hrs.
- Flexible fuel and hydraulic lines of airframe / cell: 8 yrs.
- Flexible fuel and oil lines of engine compartment: 5 yrs.

New life time limit:

- rudder control cables: 1000 hrs. or 10 yrs.
- fuel shut-off valve, type "Kugelhahn": unlimited life time

Comment:

If a limited life time is given by the number of operating hours or a time span, the limit that is reached first is relevant. The hours of operation given here conform to those of the aircraft.

Detailed instructions:

3000 hour inspection program: None.

Aircraft components with limited life time: Page 87 (enclosed) must be added to the Maintenance Manual.

Compliance:

3000 hour inspection program: At 3000 hours of operation.

Aircraft components with limited life time: At the given life time limit.

Mass and balance:

Not affected.

Remark:

Replacement of pages in the Maintenance Manual may be done by any qualified person.

W. Neustadt,
August 26th, 1991

D. Köhler

(Dieter Köhler, Technical Manager)

BAZ approved:
November 5, 1991



Approval of translation has been given by best knowledge and judgement. To use the original text in German language is recommended.