

AIRWORTHINESS DIRECTIVE

CANCELLED 6/02/2017 Refer Type Certificate Holders current data

TYPES AFFECTED: Open Libelle 301 and 301B

SUBJECT: Inspection program for life extension past 3000 hours

BACKGROUND: Following successful fatigue testing of wing main spar sections. The manufacturer has negotiated approval with the German airworthiness authorities for the possible extension of the service life from 3000 hours to 6000 hours.

This extension depends totally on the sailplane being able to pass life extension inspections at 1000 hour intervals as detailed in Technical Note 301-32 (20/10/1983).

Inspection (1) at 3000 hours extending to 4000hours.

Inspection (2) at 4000 hours extending to 5000 hours.

Inspection (3) at **5000** hours extending to **6000** hours.

Inspections (1), (2) and (3) are to be carried out in accordance with the manufacturer's inspection schedules.

INSPECTION SCHEDULE AVAILABILITY

When an extension inspection becomes due the owner must request from GFA the current issue of the relevant inspection schedule.

INSPECTION SCHEDULE DEVELOPMENT.

The manufacturer will be continually assessing reports from completed inspections, upgrading inspection schedules in the light of data received in those reports.

INSPECTION SCHEDULE REPORT

On completion of the inspection the C. of A. inspector must return the completed schedule to the OTO/A together with any other details of structural or mechanical defects found during the inspection. That information will then be collated **and forwarded** to the manufacturer.

ACTION REQUIRED:

1. Immediate
 - (a) Add pages E18 **and** E19 attached, to the gliders Flight and Service manual.
2. (a) At 3000 hours, 4000 hours and 5000 hours total time flown, obtain from GFA the current inspection schedule which will also include any other GFA inspection requirements.
 - (b) Carry out a **GFA Form 2** inspection incorporating the inspection schedule.
 - (c) On completion, forward the completed schedule, plus, if necessary, a separate condition report to the CTO/A.

Issued by: Mike Burns

Chief Technical Officer
Airworthiness

Date 9/3/1984

(d) Following satisfactory test flight the Form 2 is to be certified by the C. of A. inspector and a maintenance release raised.

Ce) The Maintenance release must be endorsed "Next life extension due at hrs total time flywn" (i.e. 4000 or 5000 hours).

(f) Full inspection/rectification details to be recorded in the glider's log book.

IMPLEMENTATION:

(1) The manufacturer's Inspection Schedule must be completed by a person holding an 1109 endorsed for "Airworthiness Survey FRP".

(2) FRP Repair work to be completed (where required) by a person holding an 1109 endorsed "FRP repairs minor/major as required.

COMPLIANCE:

The requirements of the Airworthiness Directive are mandatory, issued pursuant with Air Navigation Regulations issued under delegated authority from the Secretary of the Department of Aviation.