

CANCELLED 4.03.2016

Refer Type Certificate Holders current data

TYPE AFFECTED: ASW-15 and ASW-15B

BACKGROUND: Following successful fatigue testing of wing mainspar section, the manufacturer has negotiated approval with the German airworthiness authorities for the possible extension of the service life from 3000 hrs to 6000 hrs. This extension depends totally on the sailplane being able to pass life extension inspections at 1000 hr intervals:-

Inspection (1) at 3000 hrs extending to 4000 hrs

Inspection (2) at 4000 hrs extending to 5000 hrs

Inspection (3) at 5000 hrs extending to 6000 hrs

INSPECTION SCHEDULE DEVELOPMENT

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

INSPECTION SCHEDULE AVAILABILITY

When an extension inspection becomes due the owner should request from G.F.A. the current issue of the relevant inspection schedule.

INSPECTION SCHEDULE REPORT

On completion of the inspection the C.of A. inspector must return the completed schedule to the CTOA., 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) Pages 21a, 21b, 24a and 24b to be added to the glider's operations manual, depending on the model (Pages enclosed)

2) Persons carrying out the requirements of the inspection schedule must hold an 1109 Glider inspectors Certificate endorsed "Airworthiness Survey FRP".

3) Each life extension inspection is to be carried out as part of a GFA Form 2 inspection. The Schleicher schedule, together with a separate condition report if required, is to be forwarded to the CTOA, GFA. Secretariat, for a Permit to Fly to be issued.

On completion of the test flight the Form 2 is to be certified by the C.of A. Inspector, and a Maintenance Release raised.

The Maintenance release must be endorsed "next life extension inspection due attotal time flown" (4000, 5000 hrs as applicable)

4) All work details to be entered into logbook.

5) Hotelier couplings to be maintained in accordance with GFA AD 177, Maintenance release to be suitably endorsed.

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COMPLIANCE. This Directive is issued pursuant to Air Navigation Regulations
and delegated authority from the Secretary of the Department of Transport Australia.

DOUGLAS LYON

G.F A. CHIEF TECHNICAL OFFICER AIRWORTHINESS

Inspection Procedures For Increase of Service Time

1. General

The results of fatigue tests of wingspar sections have demonstrated recently that the service time or FRP gliders may be extended to 6000 hours, if for each individual glider (in addition to the obligatory annual inspections) the airworthiness is demonstrated according to a special multi-step inspection program particularly with regard to the service life.

2. Dates

When the glider has reached a service time of 3000 hours, an inspection must be done in accordance with the inspection program mentioned under point 3.

If the results of this inspection are positive or if any defects found have been duly repaired, the service time of the glider is extended by another 1000 hours to a total of 4000 hours (first step).

The above inspection program must be repeated when the glider has reached a service time of 4000 hours. If the results of this inspection are positive or if any defects found have been duly repaired, the service time of the glider is extended to 5000 hours (second step).

When the glider has reached a service time of 5000 hours the above inspection program again must be repeated. If the results of the inspection are still positive or if any defect found have been duly repaired, the service time may be extended to a total of 6000 hours (third step).

For a possible service time exceeding 6000 hours procedures will be evaluated in the future.

3. In each case the latest issue of the inspection program, which will be updated according to incoming inspection results, has to be ordered from the manufacturer.

4. The inspection must only be done by the manufacturer or by a licensed repair station or inspector.

5. The results of the inspections have to be recorded in an inspection test report wherein comments are required for each inspection instruction. If the inspection are done outside the manufacturer's facilities, a copy of the records must be sent to the manufacturer for his evaluation and information.

6. The annual inspection is not affected by this inspection program.

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2. Dates

When the glider has reached a service time of 3000 hours, an inspection must be done in accordance with the inspection program mentioned under point 3. If the results of this inspection are positive or if any defects found have been duly repaired, the service time of the glider is extended by another 1000 hours to a total of 4000 hours (first step).

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