Hansjörg Streifeneder
Glasfaser-Flugzeug-Service GmbH
LTB II-A 95 u. I-C 12
Hofener Weg, Tel. 07382/1032
Grabenstetten
repair station in charge
of Glasflügel sailplanes

TECHNICAL NOTE NO. 205-15

Page No.   1

No. of pages   1

Subject	:	Extension of service life
Affected	:	Sailplane model " Club Libelle 205" F.R.G. Type Certificate No. 304
		all serial numbers
Compliance	:	Before reaching a total service life of 3000 hours, however not later than May 31st, 1989.
Reason	:	The results of cyclic loading tests carried out on wing spars justify the extension of the service life of FRP sailplanes and motor gliders to 6000 hours, provided that the airworthiness of each individual aircraft is evidenced by a special multi-stage inspection program carried out in compliance with supplementary instructions of the Flight- and Operations Manual.
Actions	:	The Flight- and Operations Manual is to be supplemented by

- Page No. E 51 and E 52 titled

  "Inspection procedures for extension of the service life"

and the table of contents on page No. 4 is to be amended accordingly.

Remarks	:	Page No. E 51 and E 52 of the Flight- and Operations Manual are available from Messrs.

H.J. Streifeneder
GLASFASER-FLUGZEUG-SERVICE
Hofener Weg
7431 Grabenstetten

Federal Republic of Germany.

Note	:	The accomplishment is to be entered into the aircraft log book by a licensed inspector.

Grabenstetten, December 15th, 1986

Issued: . . . *F. Streifeneder* . . . .

(Streifeneder)

INSPECTION PROCEDURES FOR THE EXTENSION
OF THE SERVICE LIFE

1. General

The results of cyclic loading tests
subsequently carried out on wing spars
justify the extension of the service
life of FRP sailplanes and motor gliders
to 6000 hours, provided that the air-
worthiness of each individual aircraft
is evidenced once more by a special
multi-stage inspection program under
the aspects of the service life which
exceeds the normal annual inspection.

2. Terms

When the sailplane has reached a service
life of 3000 hours, an inspection is to
be carried out following the inspection
schedule as mentioned in section 4.

If the results of this inspection are
positive or after proper repair of
defects observed, the service life of
the sailplane is extended by 1000 hours
to a total of 4000 hours (first stage).

Once 4000 hours are reached, the inspec-
tion in accordance with the aforementio-
ned schedule is to be repeated. If the
results are positive or after proper
repair of defects observed the service
life may be extended to 5000 hours
(second stage).

When the sailplane has reached a service
life of 5000 hours it has to be re-inspec-
ted again in compliance with the prescribe
schedule. If the results are positive or
when defects observed are removed, the
service life may be extended to 6000 hours
(third stage).

For a service life exceeding 6000 hours
further regulations will be published in
due time.

3. The relevant inspections are to be
carried out by the service station in
charge of Glasflügel sailplanes or by
a certified repair station.

4. For the case that an inspection is not
carried out by the service station in
charge, a current inspection schedule is
to be requested from the repair station
in charge of Glasflügel sailplanes

    H.J. Streifeneder
    Glasfaser-Flugzeug-Service
    Hofener Weg
72582 ~~7431~~ Grabenstetten (F.R.G.)

for each individual inspection.
The inspection is to be carried out not
any later than three months after the
inspection schedule was issued.

5. The results of the inspection are to be
entered into the inspection schedule
step by step.
For the case that the inspection is not
carried out by the repair station in
charge, a copy of the completed inspec-
tion schedule must be supplied to the
repair station in charge of Glasflügel
sailplanes for evaluation.

6. Obligatory periodic inspections (like
the F.R.G. annual inspection according
to § 27 (1) of the LuftGerPO) are not
affected by this regulation.