

TECHNICAL NOTE

Reference: Sailplane Type: Standard Libelle
German Data Sheet No. 251.
This Technical Note is standard from
Serial-No. 322

Subject: Transformation into Sailplane Type
Standard Libelle 201B.

Object: None

Urgency: None
Modification optional
Completing the following procedures
enables the Standard Libelle to
fly at the higher weights and speeds
of the Standard Libelle 201 B,
according to Data Sheet 251.
It is not allowed to carry water
ballast.

Method: 1. The Standard Libelle flight and
service manual of October 1968 is
to be amended as follows:

Page 3 under "Amendments" - enter

No.	Item	Page	Date	Signature
1	Weights	4		
2	Empty weight centre of gravity diagram	6		
3	Stalling speed	9		
4	Max. speed	10		
5	Air speed indicator	10		

Page 4

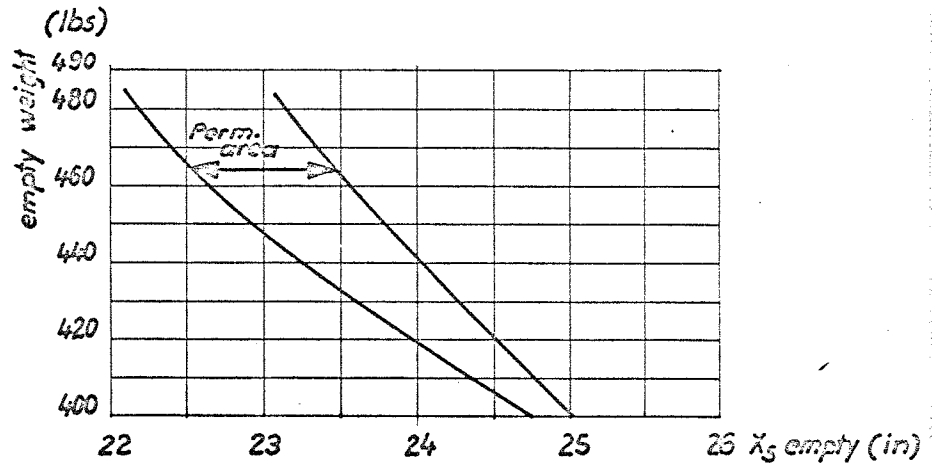
Max. gross weight 350kg(770lb)

Max. weight of the none-
lifting parts 210kg(462lb)

Max.weight of instrument
panel 10 kg (22lb)

Page 6

The empty weight centre of gravity
diagram is invalid and is to be
replaced by following new diagram.



Page 9 Complete:

Stalling speed for total weight
705 lbs 37,2 kts(43 mph)

Page 10

Max. speed135 kts (155mph)
Air speed indicator range
.....27-143 kts
(31-165 mph)

By choice to this method a new
flight and service manual
" Standard Libelle 201 B " issue
July 1972 may be used.

2. An air speed indicator with a range of 27-143 kts or 31-165 mph has to be used, as manufactured by Winter. The dial is to be marked according to Glasflügel drawing Nr. 201-60-20.

- 3. The data placard in the cockpit is to be replaced like the one below.

GLASFLÜGEL	
STANDARD	<i>Libelle</i> 201B
AIRSPEED LIMITS	
MAX. SPEED	135 kts (105 Mph)
AIRPLANE TOW	81 kts (73 Mph)
AUTO TOW	65 kts (74 Mph)
WINCH TOW	65 kts (74 Mph)
MAX. GROSS WEIGHT	770lb
MAX. WEIGHT OF NONLIFTING PARTS	452lb
NO ACROBATIC MANEUVERS INCLUDING SPINS APPROVED!	
PAYLOAD IN COCKPIT 165 - 240 lbs	
WEIGHT DIFFERENCE IS TO COMPLETE WITH BALLAST	

- 4. The empty weight centre of gravity has to be measured and checked according to the diagram on page 6 of the new flight and service manual the latter amended as described above in method No. 1
- 5. After steps 1 - 4 above are completed, checking is to be done according to § 30, Abs. 2 Luft.Ger.PO. or equivalent.

Material:

Data placard and empty weight centre of gravity diagram as described above.

Weight:

No change

Centre of Gravity:

No change

Because of the higher payload the

GLASFLÜGEL AG. ERMH
371 Schlattstall

TECHNISCHE ANLEITUNG

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centre of gravity range of the
empty glider is reduced.
(see new diagram in amended flight
and service manual)

Supply:

Data placard and empty weight
centre of gravity diagram can
be obtained from

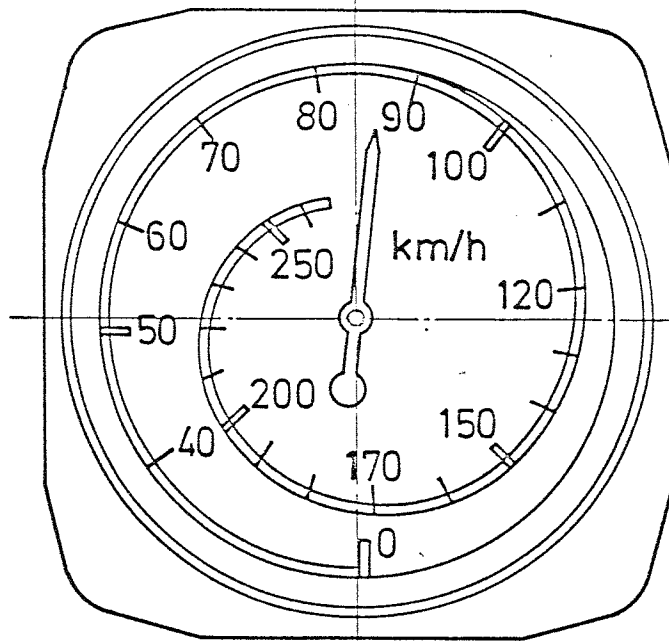
Fa. GLASFLÜGEL
Ing. Eugen Hänle
D-7311 Schlattstall
W. Germany

Air speed indicators can be
obtained from the maker:

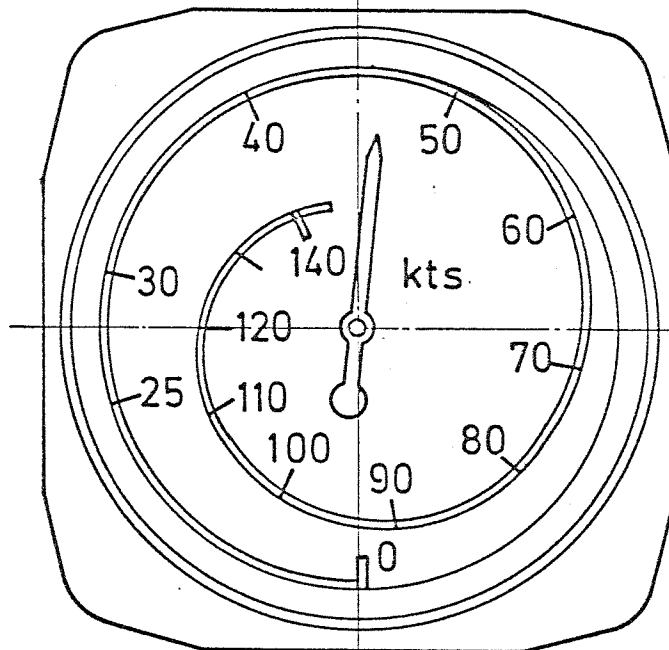
Fa. Gebr. Winter
D-7455 Jungingen
Postfach 6
W. Germany

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Ing. Eugen Hänle
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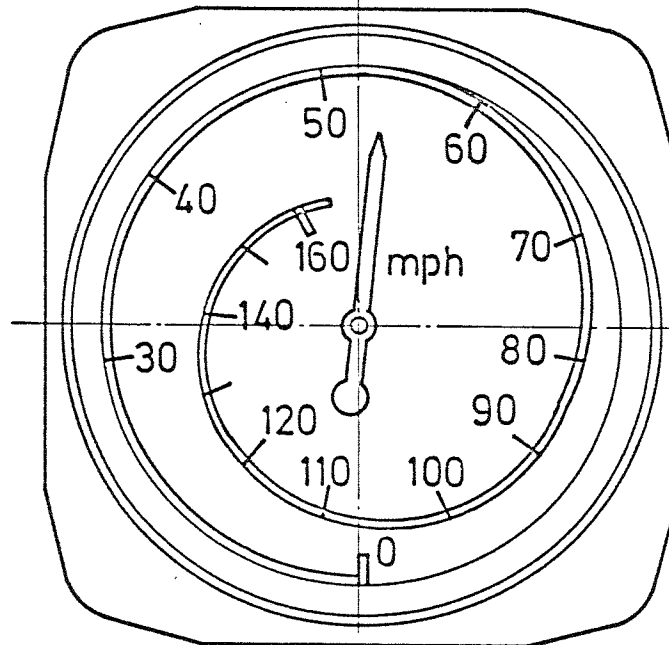
den 7. July 1972



grün: 80-150 km/h
 gelb: 150-250 km/h
 rot : 250 km/h



grün: 43-80 kts
 gelb: 80-135 kts
 rot : 135 kts



grün: 50-93 mph
 gelb: 93-155 mph
 rot : 155 mph



1:1

Fahrtmesserskala

201-60-20

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Bzl.