

GLASFLÜGELDEUTSCH-BRASILIANISCHE FLUGZEUG-
UND FAHRZEUGBAU GMBH
TELEFON 07026/885
7318 LENNINGEN WÜRTT, 1

TECHNICAL NOTE

NO. 206-8

German Data Sheet
no. 304

Subject: Provision of ballast compartment in nose bulk-head

Affected: Glider Model "Hornet" .
all Works Nos.
Modification optional

Urgency: none
Installation optional

Method: The nose bulkhead is removed and an appropriate opening is cut in it to accommodate a ballast box, available from Glasflügel (drawing number 303-17-1), which should be fitted to the bulk-head using the existing bulkhead screws.

Material: As per drawing number 303-17-1.

Weight: 0.3 kg (0.66 lbs).

Effect on centre of gravity: Lead ballast installed in the ballast box will compensate for insufficient seat loads by a ration of 1 to 2.4

Pilot lever arm : x_p = - 432 mm
Ballast box lever arm : x_b = - 1600 mm
Max. rear C/G position: x_{CG} = 375 mm
(lever arms in relation to datum point)

Remarks: If a ballast box is installed the flight manual wording on page 13, figure 2.6. should be amended as follows:

"Where pilots with paracutes do not reach the placarded minimum cockpit load the appropriate amount of lead ballast must be carried. One kg of lead ballast (2.2 lbs) in the ballast box will compensate for 2.4 kg (5.3 lbs) insufficient seat load. Maximum lead ballast capacity of the ballast box is 6 kg (13.2 lbs). Suitable lead ballast plates are available from Glasflügel."

Modification may be carried out by an authorized person (ballast box available from Glasflügel) and must be entered in the glider's log book by a licensed inspector.

Lenningen, 7.2.1980

Martin Hansen.....
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