

**hoffmann**

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- Aircraft affected: SNo's of type H 36 DIMONA: 3501-3514, 3516-3518, 3601-3630, 3641, 3643
- Subject: Capacity of fuel tank
- Occasion: At aircraft mentioned above it can happen, that the capacity of the fuel tank is lower than 80 l due to uncomplete ventilation when refuelling and possible dimensional inaccuracy.
- Required actions:
1. Check capacity of fuel tank as follows: Empty the fuel tank by Drainer and refuel completely by means of a calibrated measuring equipment (calibrated filling station or calibrated measuring vessel). Possible airbubbles in the tank must be eliminated by jolting the aircraft.
 2. If the ascertained capacity deviates more than 1 l from the 80 l (specified in the flight manual) proceed as follows:
 - a) correct capacity in writing on page 5 of flight manual.
 - b) replace the wrong placard located next to the fuel filler neck by the correct one.
 - c) correct in writing capacity on page 16 of flight manual.
 - d) correct in writing the endurance on page 34 of flight manual as follows:

At 180 km/h: $R = V \cdot 12$

At 150 km/h: $R = V \cdot 12,5$

V stands for measured capacity of fuel tank in l
R stands for endurance in km

Urgency: Before the next flight

Weight and balance: Not affected

Note: The actions must be carried-out by a competent person
and have to be confirmed on page 1 of flight manual
as well as in the log book.

The German issue of this S.B. is BAZ approved.

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(Dipl.-Ing. D. Opperl)

