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S e r v i c e B u l l e t i n 1 1 E

Affected Aircraft: Motorglider H 36 "DIMONA" up to SNo's
36143 and 3539

Subject: Fuel System

Occasion: At high ambient temperatures and mostly use
of premium Automotive Gasoline ("MOGAS"),
vapour bubbles in the Fuel Pumps, Filters
and Lines were determined at several times
with the effect of engine failures.
For that reason the electrical fuel pump
and the fuel filter must be displaced from
the engine compartment to the compartment
below the fuel tank.

Required Actions:

1. At ambient temperatures above 25°C
exclusively AVGAS 100 LL must be used. Right
before every take-off switch-on electrical
fuel pump and wait 2 min. at full power.
If no loss of RPM is determined within 2 min.,
there are no vapour bubbles in the fuel
system and a safe take-off may be performed.

2. Insert pages 5.0 and 30.0 into the flight
manual.

Entry on page 1 of flight manual as follows:

Revision No. and Date	Revised pages	Description of Revisions
12 11.1984	5.0, 30.0	S.B. 11 E

3. Displacement of electrical fuel pump and filter as well as modification of the mech. fuel pump according to Modification Instruction No. 3.

After execution of Action 3, Actions 1 and 2 are cancelled.

Urgency:

Actions 1 and 2: Before next flight

Action 3: None

Weight and balance:

After modification acc. to Action 3, the empty CG moves 4 mm to the rear.

Notes:

Action 3 of this S.B. must be done by a certified repair and maintenance shop and attested in the logbook.

Modification Instruction No. 3 as well as all needed spare parts are available at the manufacturer or at Fa. Hoffmann Flugzeugbau Am Sportflugplatz, D-8870 Günzburg.

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

Hirt, 12.11.1984

(Dipl.-Ing. D. Oppel)



Section 0

Hoffmann Flugzeugbau

Revisions

H 36 Dimona

PILOTS OPERATING HANDBOOK

LOG OF REVISIONS

Revision Number and Date	Revised Pages	Description of Revision
12.11.84	5.0, 30.0	S.B. 11 E

All manuals for the Hoffmann H 36 can be ordered from:

Hoffmann Flugzeugbau Ges.m.b.H., Am Bahnhof Hirt,
A-9322 Hirt, Austria or

Hoffmann Flugzeugbau, Am Sportflugplatz, 8870 Günzburg
W.-Germany

WARNING!

This handbook should not be used for operational purpose unless it is maintained in a current status.

May 1984

Attention !

At ambient temperatures above 25°C exclusively
AVGAS 100 LL is approved!

Attention !

Right before every take-off at ambient temperatures above 25°C apply the following procedure:

Electrical fuel pump - ON

Wait 2 minutes at full power. If no loss of RPM is determined within 2 minutes, there are no vapour bubbles in the fuel system.

Take off immediately!