



- Subject : Installation of a new GFRP instrument panel GR-83a in LS4 and LS4-a sailplanes.
- Effectivity type: LS Sailplanes
variants: LS4, LS4-a, all serial numbers
- Accomplishment : Optional
- Reason : If required, a GRP instrument panel GR-83a type II can be installed instead of the aluminum instrument panel.
- Instructions :
1. execution of the working instruction for TN 4051
2. installation of avionics according to TN DG-G-07
3. check of all avionics with a special focus on the radio
4. Perform weight and balance according to MM LS4 section 2.2 and determine the new cockpit load (min. / max.).
The min. and max. weight needs to be recorded in the following places:
 - Weight and Balance Report FM LS4 & LS4-a: page 1-6
 - Cockpit data plate
 - Underneath instrument panel cover

Material : Installation instruction TN 4051 FE-33-01-01a incl. material as per Art.No. 45009570.

Weight and balance : A new weight and balance has to be performed

Remarks : Actions 1 to 4 may not be performed by the pilot/owner under the provisions of Part ML. These actions shall be performed and released in accordance with ML.A.801 (b) 1. or (c).

Installation instructions will be sent with the material.

Only original parts may be used.

Parts (except standard parts) and material kits may only be installed if an EASA Form 1 is available for these products.

For standard parts the invoice from DG Flugzeugbau is valid as certificate of conformity.

If you have any questions concerning this TN, please contact DG Aviation:
Tel.: 0049 7251 3020-0, E-Mail: info@dg-aviation.de

Bruchsal, date:
02 Jun. 2021

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Modifications approved by EASA on 30th Sept. 2021 under DOA Ref. EASA.21J.530 with Minor Change Approval TN4051.