

- Subject : New 15m Dillinger Winglets for LS6 and LS8
- Effectivity : LS6 (LS Sailplanes), variants LS6-c, LS6-c18, LS6-18w, all S/N
LS8: all variants, all S/N, except S/N 8251 and S/N 8260.
- Accomplishment : Optional
- Reason : To increase the gliding performance in the 15 m span configuration, wing tips with a new type of winglets have been developed.
For variant LS6-18w and all LS8 the so called LS "Wolfsöhren" have been replaced by wingtips with conventional straight winglets.
For variants LS6-c, LS6-c18 the straight wing tips have been replaced by the new wingtips with winglets.
- Instructions : 1. Installation of the winglets according to "Installation Instructions for Dillinger Winglets for LS6 and LS8" and drawing:
BF-178 for LS8 and LS8-a without 18m preparation (without TN8001)
BF-177 for all other variants as well as LS8-a with 18m preparation (TN8001)
2. Manual revisions
Exchange the following manual pages against new pages issued December 2016. Respect the changes marked in the right hand margin.
Variants LS6-c, LS6-c18 and LS6-18w: Flight manuals LS6-c, LS6-c18 and LS6-18w, pages 0-1, 0-2, 4-1 and 4-2 marked with TN6041.
Variants LS8, LS8-a, LS8-b and LS8-18: Flight manual LS8, pages 0-1, 0-3 and 4-4 marked with TN8023.
Variants LS8-s and LS8-sb: Flight manual LS8-s and LS8-sb, pages 0-1, 0-3 and 4-6 marked with TN8023.
Variant LS8-t: Flight manual LS8-st, pages 0.1, 0.4 and 4- marked with TN8023.
- Material : - Installation Instructions for Dillinger Winglets for LS6 and LS8
- Drawing 1BF-177 (LS6 and LS8 with 18m preparation) or
- Drawing 1BF-178 (LS8 and LS8-a without 18m preparation)
- Part no. 10000873 15m winglet retrofit kit for TN6041 or TN8023 with 18m preparation, TN8001 or
- Part no. 10000874 15m winglet retrofit kit for TN8023 for variants LS8 and LS8-a with TN8001 not performed
- Part no. 10000904 templates for the root ribs of the winglets
- Manual pages see instructions 2
- Weight and balance : The new mass and balance has to be determined after installation of the new winglets.
- Remarks : 1. EASA countries: The actions have to be performed in a Part -145 approved organization, or in a Part M, Subpart F approved organization according to the regulations of the Part M and released according to M.A.801.
2. Non EASA countries: The actions have to be performed in a licensed workshop. All instructions are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal,
date: Jan. 31. 2017

Author: J.B. Wassenaar Modifications approved by EASA Date February 1st, 2017,
under Approval No. EASA.MCA.10060830.

