Subject : Additional installation of an LS-latch (Röger-hook) to improve the emergency canopy jettison

Effectivity : Type: LS-Sailplanes
Variant: LS7, all serial numbers

Accomplishment : March 31. 2013 mandatory

Reason : Additional installation of an LS-latch (similar to a Röger-hook) to improve the emergency canopy jettison.
The variant LS7 is not equipped with a canopy emergency jettison LS hook as standard equipment. Tests made at LS and by Prof. Röger proved that there is a potential danger for the pilot in case of an emergency bail out if no hook is installed.
These safety shortcomings will be resolved by executing this TN.

Instructions :

1. Manual revisiones:
   Flight Manual:
   Exchange the following flight manual pages against new pages issued October 2010 marked with TN 7009, Rev. 1:
   LS7: pages 0-1, 0-2, 3-1 and 4-4
   Respect the changes marked in the right hand margin.
   Maintenance Manual:
   All changes with respect to the installation of the LS-latch are included in the revised Maintenance Manual, issued December 2009, see TN 7016.
2. Install the LS-latch according to the following documents:
   - LS7: working instructions No. 1, for TN6025 and TN7009 and drawing BR-158 issue f.
3. TN 7011/2 has to be executed after installation of the LS-latch.

Material :

1. Flight manual pages see instruction no. 1.
2. Maintenance Manual LS7 issued December 2009.
3. Working instruction No. 1, for TN6025 and TN7009
4. Drawing BR-158 issue f
5. For a parts list, see drawing BR-158
6. For a list of approved resins and other consumables, see applicable maintenance manual
7. TN 7011/2 incl. drawings 3R7-73a and 4R7-74

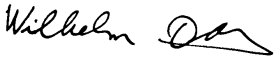
Weight and balance : Influence negligible

Remarks :

1. EASA countries: The actions have to be performed in a Part -145 approved organisation, or in a Part M, Subpart F approved organisation 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.
3. Not applicable to LS7-WL, as the LS-latch (Röger-hook) is standard equipment.
4. As the initial maintenance manuals will no longer be updated it is mandatory to use the maintenance manual see instruction 1 to maintain the glider after this TN has been performed.

Bruchsal, date:
Revision 2 27.06.2011,
2010

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Modifications approved by EASA Date 28.09.2011
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