

- 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 revisions:
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:
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under Approval No. 10036674.

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