

**Subject:** Exchange of the steerable tailwheel

**Applicability:** ASH 31 Mi, Type-Certificate EASA.A.538

**Urgency:** Optional modification, see *Notes*

**Classification:** Minor Change

**Reason:** Improvement of product by change of the steerable tailwheel and its fairing

**Action:** See *Notes*

**Material and Drawings:** Steerable tailwheel according to drawing 268.29.1040  
Fairing for steerable tailwheel according to drawing 268.29.0340  
Additional cockpit placard  
Optional alternative connection unit for the safety springs according to drawing 268.29.0043

**Mass and Balance:** The new steerable tailwheel is 0,6kg heavier as the previous version or the fix tailwheel. The distance is  $x_{LS} = +4,688\text{m}$  aft of datum ("BP"). The updating of the mass and balance form (page 6.5 in the flight manual) as well as the data and loading placard in the cockpit can be done by calculation. The additional cockpit placard concerning the reduced minimum cockpit load with uninstalled steerable tailwheel must be affixed.

**Notes:** The installation of the steerable tailwheel is the same as before. Because of this an exchange is readily possible and has to be carried out according to pages 7.38 and 7.39 in the flight manual.

If also the connection unit for the safety springs is exchanged, it has to be checked, if the rudder mass and tailheavy moment are still within the permissible limits with the new connection unit attached.

Exchange of the following pages in the flight manual: 2.13, 7.39

Amendment of the following pages in the flight manual: 6.4a, 6.4b

Exchange of the following pages in the maintenance manual: 6.11, 6.19, 6.21, 9.7

All actions are to be inspected by certifying staff according to Commission regulation (EC) 2042/2003 Part M / Part 66 in the scope of a modification, and have to be certified in the sailplane inspection documents and in the sailplane logbook. The change of the manual pages can be done by the operator of the sailplane himself. und must be entered on the page „Record of Revisions“ and in the „List of effective pages“.

In countries outside the scope of EC 2042/2003 the corresponding national rules shall apply.

Poppenhausen, 10.04.2014

**Alexander Schleicher**  
GmbH & Co.

i.A. 

(M. Heide)

This modification has been approved by the EASA at the date of the 26.03.2014 with the Minor Change Approval 10048626.