

Kind : Airworthiness Directive

Subject : Replacement of control cables corresponding DIN 655 (DIN L 9) by new cables according LN 9374 according to Airworthiness Directive No. 74 - 323 (Revision 2) of the Luftfahrt - Bundesamt, issued the 12th November, 1974

Effectivity : All ASW 15 Serial Numbers 15 001 to 15 375 inclusive

Accomplishment : See Airworthiness Directive No. 74 - 323 (Rev. 2)

Reason : TN 16 a : For all ASW 15 Serial Numbers 15 001 to 15 183 inclusive.
According to above - mentioned directive, all control cables of 3 mm diameter of the rudder control circuit are to replace by new ones of 3.2 mm diameter according to the LN 9374 specification.
The cables of the towing hooks and the wheel brakes are not affected.

TN 16 b : For all ASW 15 from Serial No. 15 184 to 15 375 inclusive.
Contrary to above - mentioned Airworthiness Directive 74 - 323 (Rev. 2), only the short forward cables 3 mm diameter which lead through the pedals are to replace at the ASW 15 - B by 3.2 mm diameter cable of LN 9374 specification.
The rear cables of the rudder circuit leading through the polyamid tubings in the fuselage sandwich must be replaced by cable of 2.4 mm diameter according to the LN 9374 specification.
The thinner cable has less friction than a 3.2 mm cable.
The cables of the towing hooks and wheel brakes are not affected by this directive.

Instructions : For exchange of the control cables the whole pedal unit must be removed from the fuselage.
To do this, the 6 nuts at the plywood on the floor must be removed.
On ASW 15 a the stops for the rudder circuit on the rear main bulkhead are to remove in order to be able to disconnect the rudder cables.
The new control cables must be manufactured according to the Technical Note for cable connections issued the 27th November, 1974.
Only two thimble eye splices must be made in the glider (front end of the rear cable for ASW 15 and rear end of the rear cable for ASW 15 - B).
The other six cable eyes can be prepared outside of the machine.

Material : Like mentioned under " Instructions "

Weight and balance : Differences in weight and balance are neglectable.

Remarks : This Technical Note is valid together with Airworthiness Directive No. 74 - 323, Revision 2
The exchange of the cables and the approval can be done either by the manufacturer or by any other authorized repair shop.
The cable connections are made according to the Technical Note for cable connections issued the 27th November, 1974 by the Alexander Schleicher Corp. Gliders since Serial Number 15 376 inclusive are delivered from the factory according to this Technical Note.

Drawings : The drawings 150.11. Bl. 7
and 151.11. S 4,
151.11. S 5,
151.11. S 9,
and 151.11. S 19
have been revised due to Airworthiness Directive No. 74 - 323, Revision 2.

Instruction for cable connection : Technical Note for cable connections, issued the 27th November, 1974

Poppenhausen, 27th November, 1974

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