

TECHNICAL NOTE

Reference: Sailplane type: Standard Libelle,
Standard Libelle 201 B
German Data Sheet No 251, all Serial Numbers

Subject: Pedal control

Object: International regulations for control cables

Urgency: None; Modification optional

Method: 1) The S-shaped guides of the rudder pedals of tube \varnothing 8 x 1 mm are replaced by guides of tube \varnothing 9 x 1 mm.

2) The control cables DIN 655, 6 x 7 with hamp core, \varnothing 2,5 mm, used with TALURIT sleeves No 2,5, are replaced by steel wire ropes 7 x 19 with steel core, \varnothing 3,2 mm (1/8 inch), used with NICOPRESS oval sleeves.

3) After every 100 hours of operation and at the yearly inspection the cables have to be checked. They have to be changed, when they become worn, distorted, corroded or otherwise injured. Individual outer wires worn 40 % is allowed.

4) This Technical Note has to be attached to the Service manual.

Material: Steel wire ropes B 3,2 LN 9389 of austenitic corrosion resisting steel or
Steel wire ropes B 3,2 LN 9374 of zinc plated carbon steel,
used with NICOPRESS oval sleeves No 28-3-M and tool No 51-M-850 or 63 V-XPM, 64 CGMP, 51 MJ using the "M" groove. Cable length for installation 2 x 2600 mm incl. length for the thimble eye splice.

Weight: No change

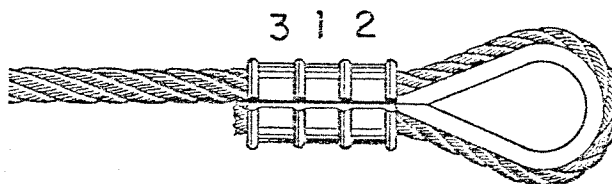
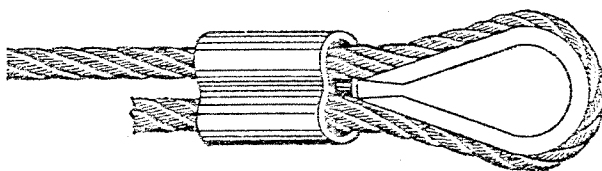
Center of gravity: No change

Remarks: Using the sleeves is only permitted with the proper tools. Note handling and inspection instructions of tools.

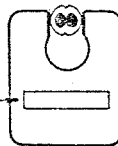
For the oval sleeves No 28-3-M three compressions are required. Make the center compression first, the compression next to the thimble second, and the one farthest from the thimble last. It is desirable to place

the oval sleeve in close proximity to the thimble points, so when compressed the sleeve will contact the thimble as shown below. The sharp ends of the thimble may be cut off before using; however, make sure, the thimble is firmly secured in the cable loop after the splice has been completed.

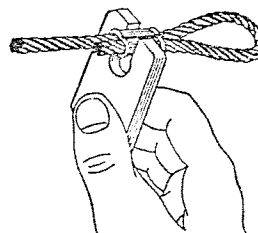
The completed sleeves should be checked periodically with the proper gauge. Hold the gauge so that it contacts the major axis of the sleeve. The compressed portion at the center of the sleeve should enter the gauge opening with very little clearance, as shown below. If it does not, the tool must be adjusted accordingly.



Sleeve stock-
number is
stamped here



Gauge



GLASFLÜGEL Ing. E.Hänle
7311 Schlattstall

TECHNISCHE MITTEILUNG

Nr: 201 - 16 e

This Technical Note is standard for Serial-
No 498, 502-504, 522-527, 531,536.

When the procedures of this Technical Note
are completed, the Technical Note No 201-6
of February 1st, 1971, no longer applies.

Supply:

Glasflügel, D - 7311, Schlattstall

R. Lindemann, D - 2050 Hamburg 80,
Osterrade 12 (NICOPRESS oval sleeves and
tools)

USA: The National Telephon Supply Co.
5100 Superior Ave. Cleveland, Ohio 44 103

GLASFLÜGEL SCHLATTSTALL

9.5.1974