

SERVICE BULLETIN No. L 13/014

Sheet 1 of 2

Subject: Proper disassembly and assembly of expanding pin into the wing main spar mount and check of proper pin position.

Reason: There had occurred an improper assembly of this expanding pin.

Description: Assembly and disassembly of wing as well as daily inspections to be carried out in accordance with instructions given on sheet 2. Add particular text into appropriate sections of the L13 sailplane Technical Manual.

Compliance: The Bulletin is to be incorporated immediately.

Material and Costs: Not applicable.

Material information and Accomplishment instructions: see sheet -

Enclosures: Not applicable

The Bulletin is effective by the date of delivery to operator.

Ing. Černocký

Šafařík

Manufacturer's representative

Customer's representative

Pavlovský

Kadleček

Omnipol, FTC

State Aviation Inspection,
Ministry of Transport

When installing the wing to fuselage and in handling the expanding pin follow instructions, detailed in the LL3 sailplane Technical Manual, Part II, Chapter III- Assembly and disassembly in service, Part 1 - Lifting surfaces.

To facilitate assembly it is recommended to change procedure when installing the wing joints into the fuselage joints as follows: main and front wing hinges will be installed into the mating fuselage joints simultaneously and the expanding pin will be inserted into the main hinge so that its step will fit the top part of the hinge. Then the front hinge will be centered and connected with pin. Then the pin in main hinge will be expanded as described in the given chapter. Final operation consists in tightening the pin in front hinge. Other procedures are not changed and are carried out as described in the appropriate chapter. The Manufacturer insists on tightening the bolt in expanding pin using only the corresponding spanner as contained in the tools kit. It is not allowed to lengthen its arms.

Disassembly

Disassembly is carried out in reverse order. When releasing the expanding pin it is however necessary to rotate the spindle anticlockwise so long until a lock against rotation will appear in one of the three grooves (in the upper part of pin). The lock is pressed in expanding rollers. Until at this moment the pin is completely released and may be disassembled.

Inspections

Daily inspections shall include the check of pin locking in the wing hinges as specified in the LL3 sailplane Technical Manual, Part II, Chapter I - Aircraft maintenance, part 1.A, para b). In addition this check must ensure that the main pin is installed into the hinge as far as the step. In the opposite case the pin must be installed as far as stop, tightened and secured as mentioned above.