



MANDATORY BULLETIN

MB No: L13AC/014a

Concerning: the gliders L13AC, S/N 988601, 988603, 008605, 008606, 028902

Reason: Replacement of the original control column mounting points Dwg. No. A741 210N on which the cracks occurred in operation by the strengthened one Dwg. No. A740 370N.

The realization of this bulletin invalidates the Mandatory bulletin L13/095a.

To be carried out at the latest by: 6 months after the bulletin receiving

To be carried out by: The producer LETECKE ZAVODY a.s. Kunovice or the certified maintenance organization which will receive the written authorization from Type certificate holder.

Costs covered by: An operator

Necessary material to be supplied by: LETECKE ZAVODY a.s. Kunovice,
the Czech Republic

Manhours: 7 Mhrs

Bulletin becomes effective: on the day of CAA approval

Sheets: 4

Pešák Miroslav

Manufacturer

Engineering data contained in this Bulletin is CAA Approved.

Date: July 17, 2003

A. WORK PROCEDURE

1. The control column dismantling from the glider

- Remove the seat and headrest of the front pilot, remove the seat of the rear pilot
- Dismantle the covers of the controlling levers with screwing off 8 + 7 bolts on the frames of the front and rear cover and remove from the controlling levers

If the transceiver is installed:

- Remove the handles of the controlling levers with their cutting.
- Remove the insertion attaching the keying push button.
- Disconnect the supplying wires from the push button.
- Remove the wires from the controlling levers.

- Disconnect the glider longitudinal and transversal control pull-rods from the rear pilot controlling lever

- Disconnect the control column mounting points of the rear pilot from the transversal control lever.
- Remove the floor upholstery under the rear pilot feet.
- Disconnect the lighting spring from the front controlling lever from the frame.
- Dismantle 32 bolts of the control panel on the floor between the frames No. 2 and No. 3.
- Remove the control column mounting points from the fuselage.

2. The control column mounting points Dwg. No. A741 210N from the control panel

- Dismantle the loop of the rear pilot transversal control controlling lever with the nut loosening and screwing off.
- Slide out the rear pilot controlling lever from the control column mounting bridge (take care of 2 spacers)
- Release and screw off the nut of the bolt connecting the control column mounting bridge with the control panel (the control column mounting bridge rotating axis), remove the rotating axis bolt
- Slide out the control column mounting bridge from the front hinge of the control panel with slight lifting of the control column mounting bridge next to the rear pilot controlling lever.

3. The installation of the new control column mounting bridge Dwg. No. A740 370N

- Dismantle the loop of the rear pilot transversal control controlling lever (pos. 4) with the nut loosening and screwing off.
- Slide out the rear pilot controlling lever from the control column mounting bridge (take care of 2 spacers between the controlling lever and the bracket – pos. 25)
- Dismantle the bolt from the bearing of the control column mounting bridge rotating axis (pos. 14)
- Slide the control column mounting bridge on the front pin of the control panel.
- Install the original bolt of the control column mounting bridge rotating axis in the control panel; tighten slightly the new nut (so the control column mounting bridge does not move axially) and lock it with the new cotter pin.

- Insert the rear pilot controlling lever in the control column mounting bridge bracket, install two spacers and the loop of the transversal controlling (pos. 4), tighten the nut so that the controlling lever has not the axial clearance in the bracket, check the free motion of the controlling lever, lock the nut with the new cotter pin.
- Insert the control panel with the control column mounting bridge in the fuselage and attach it with the original 32 bolts
- Connect the pull-rods of the longitudinal and transversal controlling with the original bolts and nuts; check the free motion of the controlling and the rates of the rudder and ailerons deviations; lock the nut with the new cotter pins
- Hook the lighting spring of the front controlling lever in the hole in the frame
- Clean the surface for the bridging on the transversal controlling lever, interconnect the bridging from the controlling lever
- Cover the bolt, the bridging loop and excessively cleaned areas with the red painting.

If the transceiver is installed:

- Install the wires, the keying push buttons and handles by reverse procedure as the installation; cover the inner surfaces of the handles with a detergent during the installation.
- Install the cover of the controlling levers and tighten with the original bolts
- Cut the shape in the new upholstery according to the original upholstery; remove the remains of the old glue with toluene from the glider floor; bond the upholstery on the floor under the rear pilot's feet with the contact glue Chemopren 50 (Scotch-Grip 1300 or 1357).
- Install the front and rear pilot seats; the front pilot headrest.

B. MATERIAL REQUIRED FOR MODIFICATION OF ONE GLIDER

<u>Name</u>	<u>Identifier</u>	<u>Assy/pos.</u>	<u>Pcs/aircraft</u>
Control column mounting bridge	A740 370N		1
Leatherette 700 x 700 mm	8710 2919		1
Bike handle	8719 3325	A740 370N/33	2
Cotter pin 1,6x14			
CSN 021781.04	36610 1614	A740 370N/27	2
Cotter pin 2x18			
CSN 021781.04	3610 0218	A740 370N/26	2

C. ILLUSTRATED PART

Not affected

D. REQUIRED DOCUMENTATION

The drawing A740 370N.

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Sheet : 3

Of : 4

E. REQUIRED TOOLS

The common workshop equipment.

F. SPARE PARTS IN OPERATION

Not affected.

G. GLIDER WEIGHT

Not affected.

H. RECORD IN AIRCRAFT LOGBOOK AFTER BULLETIN REALIZATION

Carried out the control column mounting bridge Dwg. No. A741 210N replacement by the strengthened control column mounting bridge Dwg. No. A740 370N according to the Mandatory bulletin L13AC/014a.

Date:

Carried out by:

(legible signature of certifying person)

I. ACCOMPANYING DOCUMENTATION

Not affected.