



*Issues*

**MANDATORY BULLETIN No. EV 97 – 004a**

- 1. CONCERNING TO:** Ultralight aircraft EV-97 EUROSTAR (S/N 9700X2, 9700X3, 980101 through 990609, 20000610 through 2011012 including).
- 2. REASON :** Mismatch securing of adjusting screws of trim tab control cables.
- 3. REQUIRED ACTIONS :** Check eventually repair securing of adjusting screws.
- 4. LATEST DAY OF THE ACTION:** Immediately upon the bulletin receiving.
- 5. ACTION CARRIED OUT BY: :** Operator (owner).
- 6. COSTS COVERED BY :** Operator (owner).
- 7. NECESSARY MATERIAL :** Not required.
- 8. PROCESS :** Detailed procedure is mentioned in enclosure No. 1.
- 9. ENCLOSURE:** Enclosure No. 1 – Detailed procedure for checking and securing adjusting screws.  
Enclosure No. 2 – Changed pages of Airplane technical description, operating, maintenance and repair manual for EV-97 EUROSTAR aircraft

Doc. No.	Pages
EV2000RNOEN	1-2, 1-3, 3-10, 3-20, 4-9, 4-10
EV2000NOEN	1-2, 1-3, 3-10, 3-20, 4-9, 4-10
EV99NOEN	1-2, 1-3, 3-10, 3-21, 4-9, 4-10
760578	1-2, 1-3, 3-10, 3-21, 4-9

- 9. ELABORATED BY:** Ing. Bouzek, Ing. Grebeníček

Zástupce výrobce

Dne: 12.6.2001



Odborný dozor LAA

Dne: 12.6.2001



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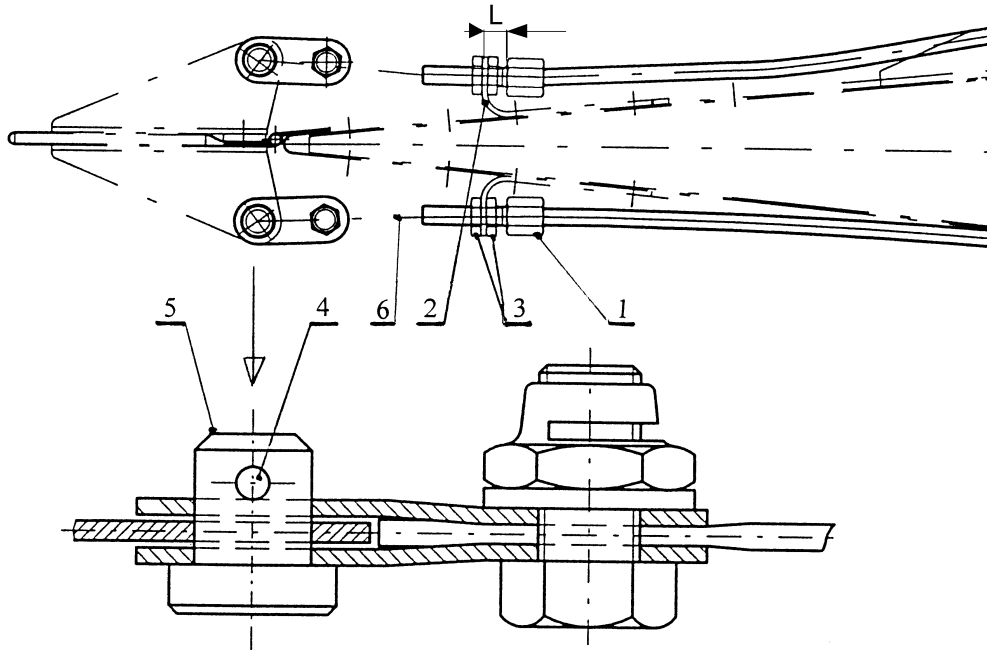
## ENCLOSURE No. 1

### Work procedure

1. Check securing of adjusting screws (pos. 1) in their holders (pos. 2) attached to the elevator.  
Securing nuts (pos. 3) have to be installed according to figure (see page 2 of this enclosure – design „A“ and „B“). If both nuts are installed consecutively (on one holder side), it is necessary to repair them according to the following text).
2. Repair procedure
  - 2.1 Measure and write down the length L (between the holder and the screw head) on the top and the bottom elevator side.
  - 2.2 Design „A“ – on the top elevator side remove the safety pin (pos 4) and the pin (pos. 5) from the trim tab hole. The top and lower control cables (pos. 6) will be released by doing this.
  - 2.3 Design „B“ – accurately mark cable position toward the trim tab hole (screw pos 8). Release the nut (pos. 7) and thereby the cable in the screw hole (pos. 8) is released. Draw out (or run out only) the cable and the top and lower control cables (pos. 6) will be released by doing this.
  - 2.4 Draw out adjusting screw (pos. 1) and the cable (pos. 6) from hole of the holder (pos 2). It is valid for the top and bottom side.
  - 2.5 Release nuts (pos 3) by two wrenches No. 10. Unscrew the outer nut and move it at the cable end. Put cable back into the holder hole. Put the adjusting screw into the holder hole and partially screw the outer nut back on the adjusting screw.
  - 2.6 Design „A“ - connect cable to the trim hole with help of the pin (pos 5). Secure the pin by the safety pin (pos 4). Design „B“ – put the cable into the screw hole (pos. 8) and set it to the marked position. Tight the nut (pos. 7) to secure the cable.
  - 2.7 Screw the nuts (pos. 3) and tight them towards holder (pos. 2). Previously measured length L (between the holder and the screw head) must be maintained both – on the top and bottom elevator side. Mark mutual position of the nuts by red paint.
  - 2.8 If a loss of length L (design „A“) or marked cable position (design „B“) occurs, it is needed to perform trim tab adjustment according to the Airplane technical description, operating, maintenance and repair manual.
  - 2.9 Check the tension of trim tab control cables according to the Airplane technical description, operating, maintenance and repair manual for EV-97 EUROSTAR aircraft paragraph 3.4.6 – item 6, page 3-20 (3-21).
3. Carry out a record on check or repair into the Airplane logbook.
4. Replace pages in the Airplane technical description, operating, maintenance and repair manual for EV-97 EUROSTAR aircraft with new pages enclosed to this mandatory bulletin. According to document number replace appropriate pages.



**Design „A“**



**Design „B“**

