



Aircraft Industries



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Aircraft Industries, a.s. / Na Záhonech 1177 / Kunovice 686 04 / Czech Republic

# SERVICE BULLETIN

SB No. **L-410/117b**

Aeroplane Type: **L-410**

Revision No. **IR**

Date of Issue: **May 7, 2025**

The technical content of this document is approved under the authority of the DOA ref. EASA.21J.119.

**Classification:** Recommended.

**Subject:** Addition of drainage holes in the fuselage front part.

**Supersedure:** N/A

## 1. PLANNING INFORMATION

### A. APPLICABILITY

L 410 NG aeroplanes S/N 5002, 5003, 5006, 5008, 5009.

### B. CONCURRENT REQUIREMENTS

None.

### C. REASON

Possible occurrence of water under the floor of front baggage compartment.

### D. COMPLIANCE TIME

As per operator's requirement.

### E. MANPOWER

Supposed Man-hours: 4 M-hours

### F. MATERIAL

Will be delivered by the aeroplane manufacturer Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic on request.



## G. NEW EQUIPMENT

None.

## H. SPECIAL TOOLS

- Reamers  $\varnothing$  6 H11, 8 H11.

## I. EXPENSES

Material: except dangerous goods to be covered by Aircraft Industries, a.s.,  
686 04 Kunovice, Czech Republic.

Work: To be covered by an operator.

## J. WEIGHT AND BALANCE

Influence of the modification on an empty aeroplane weight and moment is negligible.

## K. REFERENCE DOCUMENTS

### 1. Drawings

B522 423N

Drainage holes in the fuselage front part

### 2. Maintenance Manual, Doc. No. Do-L410NG-1230.2, chap.:

20-12-00

20-20-00

24-30-00

24-40-00

## L. AFFECTED DOCUMENTS

AFM not affected

MS not affected

MM not affected

WM not affected

## 2. IMPLEMENTATION INFORMATION

### A. PREPARATORY WORK

- Disconnect the external power supply plug according to the MM, chap. 24-40-00-B.
- Remove accumulators from the aeroplane according to the MM, chap. 24-30-00-A.
- Open the front baggage compartment on the RH side of fuselage.
- Remove lids from the floor of front baggage compartment.

### B. CHECK OR INSPECTION

None.

### C. DISASSEMBLY

None.

### D. MODIFICATION

- Measure and drill carefully a drain hole  $\varnothing$  7.8 mm (only one hole in the axis of the fuselage) and drain holes  $\varnothing$  5.8 mm according to the Dwg No. B522 423N (if they have not already been made). **Do not damage equipment and wiring harnesses under the floor of front baggage compartment!**
- Ream the hole to  $\varnothing$  8 H11 and other holes to  $\varnothing$  6 H11. Deburr carefully the holes and treat them with Bonderite M-CR 1200S Aero according to the MM, chap. 20-12-00 and coat with primer and top coating according to the chap. 20-20-00. Use material pos. 1 or 2 of point 3.B. of this bulletin.
- Degrease the fuselage outer surface, remove covering foil and stick the blinds pos. 1 on the drain holes according to the Dwg No. B522 423N. Use material pos. 1 of point 3.A. of this bulletin.

### E. TESTS

#### 1. Ground Tests

None.

#### 2. Flight Tests

None.

## F. COMPLETION WORK

- Clean the modification areas from material scraps and dirties.
- Repair damaged coatings according to the MM, chap. 20-20-00.
- Install the original lids on the floor of front baggage compartment.
- Close the front baggage compartment on the RH side of fuselage.
- Install the aeroplane accumulators according to the MM, chap. 24-30-00-A.

## 3. BILL OF MATERIAL

### A. MATERIAL DELIVERED BY THE AEROPLANE MANUFACTURER

Pos.	Nomenclature	Name	Pcs/Arpln
1	B520233N	Blind of a drain hole	4

### B. MATERIAL SUBJECT TO SPECIAL CONDITIONS DURING TRANSPORT

Pos.	Nomenclature	Name	Qty/Arpln
1	82055550	Bonderite M-CR 1200S Aero or	5 g
2	82055560	Bonderite M-CR 1132 Pen	1

## 4. RECORD IN THE AEROPLANE LOGBOOK

Record implementation of this L-410/117b Service Bulletin.