



Aircraft Industries



www.let.cz / pps@let.cz / +420 572 817 664
Aircraft Industries, a.s. / Na Záhonech 1177 / Kunovice 686 04 / Czech Republic

SERVICE BULLETIN

SB No. **L-410/039a**

Aeroplane Type: **L-410**

Revision No. **2**

Date of Issue: **Mar 21, 2023**

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

Classification: Mandatory.

An Airworthiness Directive No. 2023-0055 is issued by the EASA.

Subject: Main landing gear brakes inspection and a replacement of K38-1200-7 brake current pressure plates models of specified series to new modified models of pressure plates.

Supersedure: Service bulletin L-410/039a Rev. 2 supersedes previous bulletin L-410/039a Rev. 1.

1. PLANNING INFORMATION

A. APPLICABILITY

L-410 aeroplane models:

L-410 M Turbolet (variants L-410 MA and L-410 MU incl.)

L-410 UVP - Turbolet (variant L 410 FG incl.)

L-410 UVP-E

L 410 UVP-E9

L 410 UVP-LW

L 410 UVP-E-LW

L 410 UVP-E20

L 410 UVP-E20 CARGO

L-420

if equipped with the K38-1200-7 brake series No. 35 to 38 inclusive.

B. CONCURRENT REQUIREMENTS

Unused original pressure plates of the K38-1200-7 brake or complete the K38-1200-7 brakes series No. 35 to 38 inclusive, stored as spare parts, must not be installed on the aeroplane.

C. REASON

Defects of pressure plates.

Revision 2 adds the number of Airworthiness Directive.

D. COMPLIANCE TIME

Before or at reaching of 1500 flight cycles of the brake since the start of operation or after lining wear on the brake pressure plates (whichever occurs first).

E. MANPOWER

Supposed Man-hours: 8 M-hours

F. MATERIAL

Will be provided on request by the aeroplane manufacturer Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic or by the brake manufacturer Zlin Aircraft, a.s., 765 02 Otrokovice, Czech Republic.

G. NEW EQUIPMENT

None.

H. SPECIAL TOOLS

None.

I. EXPENSES

Material: Will be covered by the Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic, delivery condition FCA Aircraft Industries, a.s. as per INCOTERMS 2020, for replacement of pressure plates in the brakes delivered by Aircraft Industries, a.s.

Work: To be covered by the operator.

J. WEIGHT AND BALANCE

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

K. REFERENCE DOCUMENTS

1. Maintenance Manual L 410 UVP-E, E9, E20 or L 410 UVP-E-LW or L-420, chap.:

032.40.01

2. Maintenance Manual L 410 UVP or L 410 FG or L 410 UVP-LW, chap.:

32.40.14

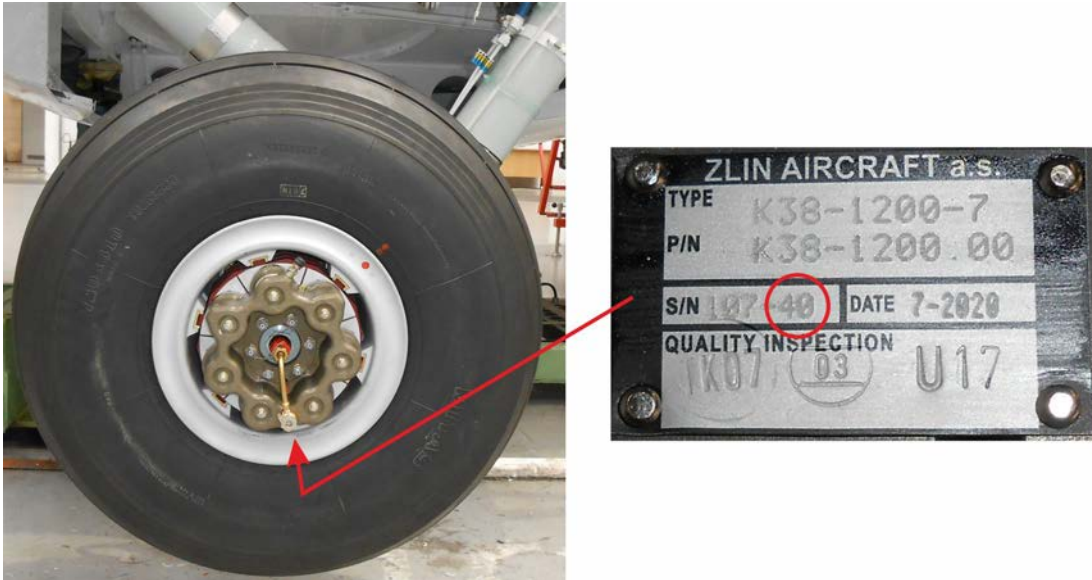
L. AFFECTED DOCUMENTS

AFM not affected
MS not affected
MM not affected
WM not affected

2. IMPLEMENTATION INFORMATION

A. CHECK OR INSPECTION

- Visual inspection of the identification plate if the K38-1200-7 brakes series 35 to 38 incl. are installed.



A brake identification plate

NOTE

Meaning of digits of a brake serial number: S/N xx-yy
xx – number of the brake in the series
yy – series number

- If the brake plate replacement is not applicable, perform record in the aeroplane logbook according to the point 4. of this bulletin.

B. DISASSEMBLY

- Remove the K38-1200-7 main landing gear wheel brake accord. to the appropriate MM.
- Disassemble the K38-1200-7 main landing gear wheel brake acc. to the appropriate MM.

C. ASSEMBLY – REPLACEMENT OF PRESSURE PLATES

- The front pressure plate 1, central pressure plate 2 and central pressure plate 3 must be replaced.
The rear pressure plate (K38-1260.00) need not be replaced.
- Discard the original pressure plates (P/N of original pressure plates are stated in the Service Letter L-410/009).
- Assemble the K38-1200-7 main landing gear wheel brake with new pressure plates 1, 2, 3 according to the appropriate MM. Use original material and material pos. 1, 2, 3 of point 3.A. of this bulletin.

D. TESTS

1. Ground Tests

- Check the tightness and brakes function and run in the brakes according to the appropriate MM.

2. Flight Tests

None.

E. COMPLETION WORK

- Install the K38-1200-7 main landing gear wheel brake according to the appropriate MM. Use material pos. 4 of point 3.A. of this bulletin.

3. BILL OF MATERIAL

A. MATERIAL DELIVERED BY THE AEROPLANE MANUFACTURER (new modified models of pressure plates)

Pos.	Nomenclature	Name	Pcs/Brake
1	96276125	Front pressure plate 1, K38-3230.00	1
2	96276126	Central pressure plate 2, K38-3240.00	1
3	96276127	Central pressure plate 3, K38-3250.00	1
4	19790809	Ø 0.7 mm locking wire	0.5 m

4. RECORD IN THE AEROPLANE LOGBOOK

Record implementation of this Service Bulletin L-410/039a Revision 2 (record brake plates replacement or S/N inspection).

Record the replacement of pressure plates in the brake certificate.