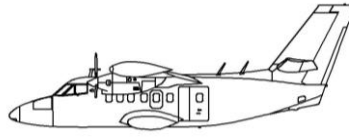




Aircraft Industries



INFORMATION BULLETIN

IB No.: L410UVP-E/506b Revision 1

Concerns: L410 UVP-E, E9, E20 airplanes

Subject: Replaces original bolts of brakes K38-1200-7 with bolts K38-1200.12 and original nuts with nuts K38-1200.11.

Revision 1 Clarification of the brake batch number.

Reason: Stopped production original bolts and nuts by the producer – thread change.

To be carried out at the latest by: As required by the operator.

To be carried out by: Organization certified for periodic maintenance of L410 aircraft.

Costs to be covered by: Operator.

Necessary material to be delivered by: Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic against an order.

Bulletin becomes effective: On the date of its issue.

Total No. of pages: 4

Bulletin L410UVP-E/506b Revision 1 supersedes previous bulletin L410UVP-E/506b.

A handwritten signature in blue ink, appearing to read 'Pavel Jurák', is positioned above a dotted line.

Released: Pavel Jurák
Head of airworthiness dept.

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

Date of release: September 11, 2018

PERFORMANCE: recommended

1. INSTRUCTIONS FOR PLANNING

A. CONCERNS

1. Aircraft model

L410 UVP-E, E9, E20 airplanes.

2. Version / S/N

To operator's requirement.

3. Qualification for implementation

Damage to original bolt / bolts K38-1200.13 or replacement nuts after fourth mounting cycles brake K38-1200-7.

4. New equipment

Not required.

B. REASON

Stopped production original bolts and nuts by producer – thread change.

C. DESCRIPTION

Removal of main landing gear wheels brakes.

Replacement of brake bolts and nuts eventually washers.

Installation of main landing gear wheels brakes.

D. APPROVAL

Alternation is processed from the producer brake design data of LG-410-Z399.

E. MAN-HOURS

Supposed Man-hours: 4 M-hour

F. MATERIAL - AVAILABILITY

1. New equipment

Not required.

2. Installation parts

Will be provided by the Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic against order.

3. Costs

To be covered by the operator.

G. SPECIAL TOOLS

Not required.

H. WEIGHT AND BALANCE

Not affected.

I. USED DOCUMENTATION

1. Maintenance Manual, Chap.:

020.20.00 032.40.01

J. AMENDED DOCUMENTATION

AFM not affected.

MS not affected.

MM Supplement No. 340.

WM not affected.

2. INSTRUCTIONS FOR IMPLEMENTATION

A. PREPARATORY WORK

- Remove main landing gear wheels brakes according to MM, chap. 032.40.01, point 2.E. (3) to (7)

B. REPLACEMENT

- Remove brake bolts according to MM, chap. 032.40.01, point 4.E.(2).
- Install new brake bolts, washers and new nuts according to MM, chap. 032.40.01, point 7.E. Observe the torque of 12+1 Nm! Use material pos. 1, 2 and eventually pos. 3 from part 3.A, of this bulletin.

CAUTION

Only one type of bolts can be used on main landing gear brake.

NOTE

New types of bolts and nuts are used from brake S/N 51-39.

51 – Number of the Brake in the Batch

39 – Batch number

Original washers can be stay if they are not damaged.

C. TESTS

1. Ground Tests

Verify brake function during taxiing.

2. Flight Tests

Not required.

D. FINISHING WORK

- Install main landing gear wheels brakes acc. to MM, chap. 032.40.01, point 9.E. Use material pos. 4 from part 3.A. of this bulletin.
- Repair damaged paintings according to MM, chap. 020.20.00.

3. NECESSARY MATERIAL

A. INSTALLATION PARTS DELIVERED BY THE AIRCRAFT MANUFACTURER

Pos.	AI Identifier	Name	Pcs/brake
1	9627 6092	Bolt K38-1200.12	6
2	9627 6093	Nut K38-1200.11	6
3	9627 6204	Washer K38-1200.14	6
4	1979 0809	Binding wire \varnothing 0,7 mm	1 m

4. RECORD IN THE AIRPLANE LOGBOOK

Replacement of the bolts, nuts and eventually washers of main landing gear wheel brake according to IB L410UVP-E/506b Revision 1.

Record the replace bolts K38-1200.12, nuts K38-1200.11 and eventually washers K38-1200.14 into the brake atest.

Date:

Performed:

(legible signature of verification engineer)

Elaborated: Lukáš Popelka



Checked: Ing. Pavel Ulrich

