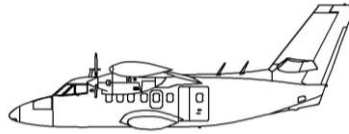




Aircraft Industries



INFORMATION BULLETIN

IB No.: L410UVP-E/518b Revision 2

Concerns: L410 UVP-E, E9, E20 airplanes

Subject: Avoiding corrosion parts of fuselage construction, wing, and wing mechanization by installing protective washers.

Revision 2 Editation of the text.

Reason: Parts corrosion owing to the reaction of salt, moisture and temperature.

To be carried out at the latest by: As per operator's requirement.

To be carried out by: Organization certified for periodic maintenance of L 410 airplanes.

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 day of release.

Total No. of pages: 6

Bulletin L410UVP-E/518b Revision 2 supersedes previous bulletin L410UVP-E/518bR1.

A handwritten signature in blue ink, appearing to read '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: April 12, 2019

PERFORMANCE: recommended

1. INSTRUCTIONS FOR PLANNING

A. CONCERNS

1. Airplane type

L 410 UVP-E, E9, E20 airplanes.

2. Version / S/N

All airplanes to S/N 3204

3. Qualifications for implementation

There are no special requirements.

4. New equipment

Protective washers B525 098N, B524 628N, B525 099N.

B. REASON

Parts corrosion owing to the reaction of salt, moisture and temperature.

C. DESCRIPTION

Dismounting screws and ground points.
Clean the corrosion area to metallic shine.
Renew the surface protection.
Install screws and ground points.

D. APPROVAL

This bulletin has been elaborated based on data of the Design Change No. ZKB058029, ZKB058085, ZKB058175, ZKB058242, ZKB058402, ZKB059172, ZKB059228.

E. MATERIAL - AVAILABILITY

1. New equipment

Not required.

2. Installation parts

Will be delivered by the airplane manufacturer Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic against an order.

3. Costs

To be covered by the operator.

F. SPECIAL TOOLS

Not required.

G. WEIGHT AND BALANCE

Influence of the repair on the airplane weight and balance is negligible.

H. USED DOCUMENTATION

1. Drawings:

B030 601N	Leading rib 1
B518 377LP	Removable cover
B517 715N	Fuselage, page 1, 5
B510 810LP	Removable cover
B517 980N	Main door
B025 601LP	Aileron complete
B524 900N	Wing unit, page 2, 3, 4

2. Maintenance Manual, Doc. No. Do-L410-1232.2, chap.:

020.12.00 024.30.04 024.40.00 053.14.00 053.50.00

I. ALTERED DOCUMENTATION

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

2. INSTRUCTION FOR IMPLEMENTATION

A. PREPARATORY WORK

- Disconnect the external power supply plug according to the MM, chap. 024.40.00.B.
- Remove accumulators from the airplane according to the MM, chap. 024.30.04.A.

B. MODIFICATION

1. Leading rib 1

- Dismounting front cover according to the PTP, Chap. 053.50.00, page 403.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 9, according to the Dwg. No. B030 601N. Install the ground point and paint join with base S 2318 and U 2054RAL 3020. Install the front cover according to the PTP, chap. 053.50.00, page 404.

2. Removable cover

- Dismounting screwed covers of the landing gear nacelles according to the PTP, Chap. 053.14.00, page 302.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 10, according to the Dwg. No. B518 377LP. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.
- Install screwed covers of the landing gear nacelles according to the PTP, Chap. 053.14.00, page 302.

3. Fuselage

- Open cover of the baggage compartment door.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 200, page 1, according to the Dwg. No. B517 715N. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.
- Open the cockpit emergency door.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 200, page 5, according to the Dwg. No. B517 715N. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.
- Dismounting front cover.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.

4. Removable cover

- Dismounting screwed covers of the landing gear nacelles according to the PTP, Chap. 053.14.00, page 302.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 31, according to the Dwg. No. B510 810LP. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.
- Install screwed covers of the landing gear nacelles according to the PTP, Chap. 053.14.00, page 302.

5. Main doors

- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 5 B525 098N under the ground point, pos. 7, according to the Dwg. No. B517 980N. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.

6. Flap hinges

- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer 4,3 B524 628N under the ground point on the left and right side of wing, pos. 95, according to the Dwg. No. B524 900N, page 2, 3, 4. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.

7. Aileron complete

- Open the flaps to position 42°.
- Dismounting the ground points, scrape the corrosion surface to metallic shine. Renew the surface protection, use BONDERITE M-CR 600 AERO (known as ALODINE 600) according to the PTP, chap. 020.12.00.
- Install washer B525 099N under the ground point, pos. 25, according to the Dwg. No. B025 601LP. Install the ground point and paint join with base S 2318 and U 2054RAL 3020.

C. TESTS

1. Ground Tests

Not required.

2. Flight Tests

Not required.

D. FINISHING WORK

- Repair damaged paintings with paint according to the MM, chap. 020.20.00.
- Install the airplane accumulators according to the MM, chap. 024.30.04.A.

3. NECESSARY MATERIAL

A. INSTALLATION PARTS DELIVERED BY THE AIRPLANE MANUFACTURER

Pos.	AI Identifier	Name	Pcs/Acft
-	B525 098N	Washer 5	22
-	B524 628N	Washer 4,3	60
-	B525 099N	Washer 3	2

4. RECORD IN THE AIRPLANE LOGBOOK

Installation protective washers has been performed according to the IB L410UVP-E/518b Revision 2.

Date:

Performed:

(name and signature of verification engineer)

Elaborated by: Lukáš Popelka


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Checked by: Ing. Pavel Ulrich


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