



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 19-202**

**Issued: 11 November 2019**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Design Approval Holder's Name:**

AIRCRAFT INDUSTRIES, a.s.

**Type/Model designation(s):**

L-410 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**TCDS Number(s):** EASA.A.026

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 32 – Landing Gear – Nose Landing Gear Leg / Pin – Replacement

### Manufacturer(s):

Aircraft Industries, a.s., formerly LET n.p., LET a.s., LETECKÉ ZÁVODY a.s.

### Applicability:

L-410 UVP – Turbolet, 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 and L-420 aeroplanes, all manufacturer serial numbers (MSN).

### Definitions:

For the purpose of this AD, the following definitions apply:

**Affected part:** Pin Part Number (P/N) L3 223 016 secured with a retaining bolt, installed on nose landing gear legs P/N 2 143 900, or P/N 3 259 900, or P/N 3 259 900-7.

**Serviceable part:** Pin P/N L3 223 316.

**The applicable SB:** Aircraft Industries Service Bulletin (SB) L410UVP/197a, L410UVP-E/144a and SB L-420/021a.



**Reason:**

Malfunction of the steering on the nose landing gear was reported by L-410 operators. Investigation determined that the malfunction was due to loss of the vertical pin further to a cracking of the retaining bolt on the nose landing gear control.

This condition, if not detected and corrected, could lead to reduced control of the aeroplane during taxiing, take-off and landing.

To address this potential unsafe condition, Aircraft Industries developed an improved pin and issued the applicable SB to provide inspection and modification instructions.

For the reason described above, this AD requires a one-time inspection of the the nose landing gear leg to determine if an affected part is installed, and replacement of affected parts with improved pins.

**Required Action(s) and Compliance Time(s):**

Required as indicated, unless accomplished previously:

**Inspection:**

- (1) Within 30 days after the effective date of this AD, inspect the nose landing gear leg in accordance with the instructions of the applicable SB.

**Corrective Action(s):**

- (2) If, during the inspection as required by paragraph (1) of this AD, an affected part is found to be installed, before next flight, replace the affected part with a serviceable part in accordance with the instructions of the applicable SB.

**Parts Installation:**

- (3) Do not install an affected part on any aeroplane, as required by paragraph (3.1) or (3.2) of this AD, as applicable:

(3.1) After modification of the aeroplane as required by paragraph (2) of this AD.

(3.2) From the effective date of this AD.

**Ref. Publications:**

Aircraft Industries SB L410UVP/197a, original issue dated 18 October 2019.

Aircraft Industries SB L-420/021a, original issue dated 18 October 2019.

Aircraft Industries SB L410UVP-E/144a, original issue dated 18 October 2019.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

**Remarks:**

1. This Proposed AD will be closed for consultation on 25 November 2019.



2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: Aircraft Industries, a.s., 686 04 Kunovice, Czech Republic, Phone: +420 572 817 664, Fax: +420 572 816 112, E-mail: [pps@let.cz](mailto:pps@let.cz).

