 <b>FLIGHT DESIGN</b>	<h2>Service Letter</h2>
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	Date of Initial Publication: <b>24-Sep-2020</b> Publication Date of this Revision: <b>24-Sep-2020</b>

# Service Letter

## Drain Holes in Air Filter Box

**SL-ASTM-CTLS-02**

**SL-LTUL-CTLS-02**

**SL-LTUL-CTSL-01**

### Repeating Symbols:

Please pay attention to the following symbols throughout this document emphasizing particular information.

- ▲ **Warning:** Identifies an instruction, which if not followed may cause serious injury or even death.
- **Caution:** Denotes an instruction which if not followed, may severely damage the aircraft or could lead to suspension of warranty.
- **Note:** Information useful for better handling.

## 1 Planning Information

### 1.1 Affected Aircraft

Type: CT  
 Model: CTLSi-LSA, CTLSi, CTSLi  
 Serial Number: all  
 Applicable Countries: Not limited

### 1.2 Concurrent Documents


Not applicable.

### 1.3 Reason

Recommendation for checking the air filter in air filter mounting in air planes equipped with injection engine ROTAX 912 iS series (CTLSi-LSA, CTLSi, CTSLi).

### 1.4 Subject

Information for aircraft owners that shall check the air filter box to make sure the drain hole as defined is observed.

 <b>FLIGHT DESIGN</b> <small>LIFT AIR®</small>	<h2>Service Letter</h2>
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## 1.5 Compliance

Compliance must be shown latest prior to next flight from issuing of this SL.

**▲Warning:** Non-compliance with these instructions could result in further damages, personal injuries or death.

## 1.6 Approval

*For Ultralight only:*

Not applicable

*For ASTM self declaration basis:*

This SL is approved by the aircraft manufacturer i.a.w. ASTM F3198 for conduct on aircraft as defined in 1.1. Subsequent to complete and correct conduct of this SL the aircraft will still meet the requirements of the applicable ASTM design and performance specification

## 1.7 Type of Maintenance

Line.

## 1.8 Personnel Qualifications

Aircraft owner, case dependent supported by an aircraft inspector as per national regulations.

## 1.9 Release to Service

Conduct of this SL must be logged in the aircraft log book with date and signature of the responsible Person according to national regulations.

## 1.10 Weight and Balance

Not applicable.

## 1.11 References

### Drawings:


Information provided in this SL has been created to ensure and provides all required information in line with the Type Design drawing KF 2800 1025\_00. Therefore, separate availability of this drawing is not required.

### Documents:

none

## 1.12 Superseded Documents

None

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### 1.13 Contact Details

For further information on conduct of this SL, or to report any Safety of Flight or Service Difficulty issues contact your Distributor responsible for your country. Your Distributor can be located via the Flight Design general aviation website: [www.flightdesign.com](http://www.flightdesign.com) under "Dealer Location".

In cases where the local distributor is not known or available contact Flight Design general aviation GmbH directly: [customer.care@flightdesign.com](mailto:customer.care@flightdesign.com)

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### 1.14 Disclaimer

This Service Letter has been generated with utmost care. Nevertheless errors and misunderstandings can never be fully excluded. In case of any doubts the applicant of this Service Letter is requested to contact Flight Design immediately to clarify the issue.

## 2 Resources

Not applicable

## 3 Instructions

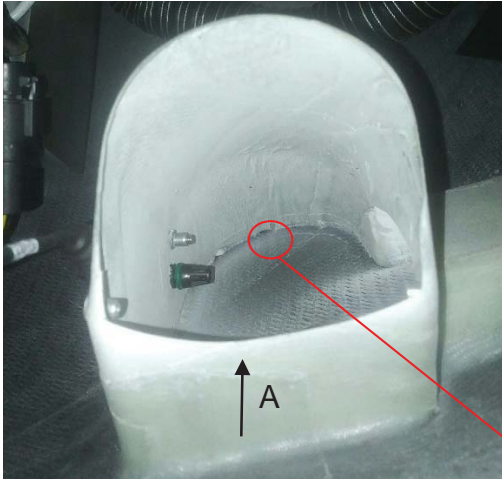
### 3.1 General

Type design includes a drain hole in the air filter box. As a result of a quality escape, in aircraft was delivered without such a drain hole. When flying through heavy rain, water can be trapped in the air filter box and the air filter can be moistened to a level that causes rough engine running in case of a missing drain hole.

### 3.2 General Procedures

Detach the air filter together with cover from the filter box. Check the filter box to make sure the drain hole is observed.

In case when the drain hole is missing, is necessary to drill drain hole as shown below, see Fig.1, view A.



Drain Hole

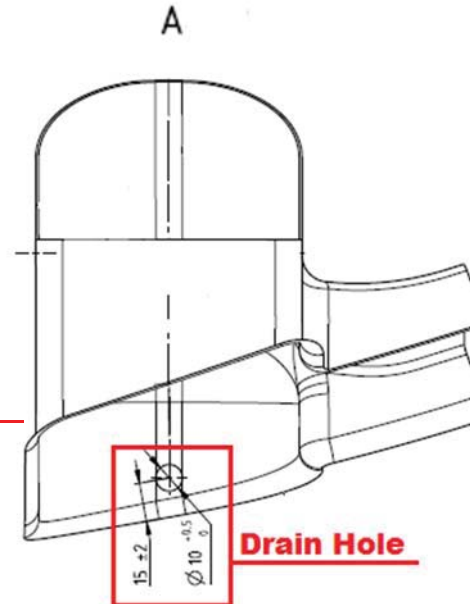


Fig.1

### 3.3 Documentation

Confirm consideration of this Service Letter as part of the documentation of the next annual inspection following issuance of this Service Letter.

## 4 Appendix

### 4.1 Changes to Previous Revision

Original Issue – no changes.

### 4.2 Feedback Template

No specific feedback required.