Service NOTIFICATION

Engine coolant

SN-SECS-CT__-02; SN-SECS-CT2k-02; SN-SECS-CTSW-02

1 Planning Information

1.1 Affected Aircraft
- Type: CT
- Model: CT, CT2k, CTSW
- Serial Number: All serial numbers
- Applicable Countries: All Countries where BCAR Section S standards are in effect

1.2 Concurrent Documents
- None

1.3 Reason
- Re- issue of existing document in order to implement it to the new Service document numbering system

1.4 Subject
- All information see paragraph 3

1.5 Compliance
- All information see paragraph 3

1.6 Personnel Qualifications
- All information see paragraph 3

1.7 Approval
- All information see paragraph 3

1.8 Weight and Center of Gravity
- All information see paragraph 3
1.9 **References**

All information see paragraph 3

1.10 **Superseded Documents**

- Technical Advice No. 2
- Safety Directive No. 2

1.11 **Contact Details**

For further information or to report any Safety of Flight or Service Difficulty issues contact your Distributor responsible for your country.

Specific contact in USA:

Flight Design USA  
P.O. Box 325 South Woodstock, CT 06267  
Tel: 860 963 7272 / Fax: 860 963 7152  
Web: [www.flightdesignUSA.com](http://www.flightdesignUSA.com)  
E-Mail: [airworthiness@flightdesignUSA.com](mailto:airworthiness@flightdesignUSA.com)

For all other countries and in cases where the local distributor is not known or available contact Flight Design GmbH directly.

2 **Resources**

2.1 **Materials**

All information see paragraph 3

2.2 **Manpower**

All information see paragraph 3

2.3 **Cost**

All information see paragraph 3

3 **Instructions**

The following is the 1:1 copy of the existing document following the old numbering system.
TECHNICAL ADVISE No. 2
Date: 12.09.2002

Subject:
Cooling liquid Rotax 912 and 912S

Case:
According different information’s there can be two different problems with cooling liquid.

Analyse:
- Cooling liquid separates by plus 150° C. This temperature can happen for short periods and even not be show on the Flydat.
- Different cooling liquids can not be mixed.

Advise:
- If you see in the filling cap of the cooling system sludge or foam like residue or if your FlyDat or Brauniger has gone into alarm showing temperatures over 150° C, remove all cooling liquid, flush the system with water and replace with new mixture. For mixture and specification please refer to the Rotax Engine manual.
- Different cooling liquid is not mixable. If you have to refill cooling liquid and you are not sure what is filled in. Please remove all cooling liquid, flush the system with water and replace with new mixture. For mixture and specification please refer to the Rotax Engine manual.
4 Appendix

4.1 Changes to Previous Revision
No content changes – re-issue of existing document to new numbering system

4.2 Feedback Template Flight Design
All information see paragraph 3