	<b>Service NOTIFICATION</b>	
	<b>Flight Design GmbH</b> Sielminger Str. 65 D-70771 L.-Echterdingen Tel +49 (0)711 90287-0 Fax +49 (0)711 90287-99 E-Mail: <a href="mailto:info@flightdesign.com">info@flightdesign.com</a>	<b>SN-ASTM-CT__-01; SN-ASTM-CT2k-01;          SN-ASTM-CTSW-01          Revision 0</b>
		Date of Initial Publication: <b>15-Oct-2008</b> Publication Date of this Revision: <b>15-Oct-2008</b>

# Service NOTIFICATION

## Rohacell ® foam core

**SN-ASTM-CT\_\_-01  
 SN-ASTM-CT2k-01  
 SN-ASTM-CTSW-01**

### 1 Planning Information

#### 1.1 Affected Aircraft

Type: CT  
 Model: CT, CT2k, CTSW  
 Serial Number: All serial numbers  
 Applicable Countries: All Countries where ASTM 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

	<b>Service NOTIFICATION</b>	
	<b>Flight Design GmbH</b> Sielminger Str. 65 D-70771 L.-Echterdingen Tel +49 (0)711 90287-0 Fax +49 (0)711 90287-99 E-Mail: <a href="mailto:info@flightdesign.com">info@flightdesign.com</a>	<b>SN-ASTM-CT__-01; SN-ASTM-CT2k-01;          SN-ASTM-CTSW-01          Revision 0</b>
		Date of Initial Publication: <b>15-Oct-2008</b> Publication Date of this Revision: <b>15-Oct-2008</b>

### 1.10 Superseded Documents

Technical Advice No. 1

Safety Directive No. 1

### 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.



## Service NOTIFICATION

### Flight Design GmbH

Sielminger Str. 65  
D-70771 L.-Echterdingen  
Tel +49 (0)711 90287-0  
Fax +49 (0)711 90287-99

E-Mail: [info@flightdesign.com](mailto:info@flightdesign.com)

**SN-ASTM-CT\_\_-01; SN-ASTM-CT2k-01;  
SN-ASTM-CTSW-01  
Revision 0**

Date of Initial Publication: **15-Oct-2008**  
Publication Date of this Revision: **15-Oct-2008**

## FLIGHT DESIGN USA SAFETY DIRECTIVE No.1

### Rohacell® foam core

### NOTIFICATION

#### Flight Design USA

Woodstock Airport  
91 Route 169, P.O. Box 325  
South Woodstock, Ct. 06267  
Tel: 860-963-7272 Fax: 860-963-7152  
[Airworthiness@flightdesignusa.com](mailto:Airworthiness@flightdesignusa.com)

- Pages: Two (2)
- Supersedes: Technical Advice No.1, Dated June 12, 2001
- Re-issue to conform to ASTM format
- Date Issued: January 1, 2006
- Date Effective: January 1, 2006
- Scope: CT, CT2K, and CTSW in all versions.

#### **Discussion**

Some aircraft were found to have damaged Rohacell® foam indicated by the deformation of the affected surface.

Analysis of the phenomenon indicated that the Rohacell® was damaged by alkaline water (Despite the material being highly resistant to many chemicals and fuel).

Aircraft components with thin outer layers have been found to be particularly vulnerable.


Many cleaning products and polishes contain alkaline.

Rain water, although often acidic, can tend towards being alkaline.

#### **Corrective Action**

The Maintenance and Inspections Procedures Manual will be changed to clarify and emphasize that the aircraft must not be exposed to alkaline.


If an aircraft is to be stored outside for extended periods, steps should be taken to keep it dry by use of waterproof covers.

	<b>Service NOTIFICATION</b>	
	<b>Flight Design GmbH</b> Sielminger Str. 65 D-70771 L.-Echterdingen Tel +49 (0)711 90287-0 Fax +49 (0)711 90287-99 E-Mail: <a href="mailto:info@flightdesign.com">info@flightdesign.com</a>	<b>SN-ASTM-CT__-01; SN-ASTM-CT2k-01;          SN-ASTM-CTSW-01          Revision 0</b>
		Date of Initial Publication: <b>15-Oct-2008</b> Publication Date of this Revision: <b>15-Oct-2008</b>

If an Owner/Operator suspects Rohacell® damage, operation of the aircraft must not be attempted, and Flight Design must be contacted for further instructions.

### Reminder

Flight Design reminds the Owner/Operator of a Flight Design aircraft that compliance with all Safety Directives, Aircraft Operating Instructions, Maintenance Manuals as well as the reporting of any and all Safety of Flight or Service Difficulties by the Owner/Operator is *mandatory* for the operation of an S-LSA aircraft.

	<b>Service NOTIFICATION</b>	
	<b>Flight Design GmbH</b> Sielminger Str. 65 D-70771 L.-Echterdingen Tel +49 (0)711 90287-0 Fax +49 (0)711 90287-99 E-Mail: <a href="mailto:info@flightdesign.com">info@flightdesign.com</a>	<b>SN-ASTM-CT__-01; SN-ASTM-CT2k-01;          SN-ASTM-CTSW-01          Revision 0</b>
		Date of Initial Publication: <b>15-Oct-2008</b> Publication Date of this Revision: <b>15-Oct-2008</b>

## 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