



Test report and Certificate of Compliance
CIVL CCC 2018, May Rev.1.9
Paragliders permitted in FAI Category 1 Cross-Country events

I. Manufacturer

Company: Davinci Products Inc.
Address: 53 Sinchon-gil, Yangpyeong-gun, Gyeonggi-do, South Korea. (12505)

II. Test Laboratory

Company: **Deutscher Hängegleiterverband e.V. im DAeC**
Address: **Am Hoffeld 4, 83703 Gmund am Tegernsee, Germany**

III. Test specimen

Model: **OPERA XS**
Min. take off weight [kg] **80**
Max. take off weight [kg] **92**
Serial number (Manufacturer): **COP-XS11010-RBW**
Test reference number (Test Laboratory): **DHV CCC-018-20**

IV. Test pilots

Manufacturer: **Moonseob Lim**
Test Laboratory: **Harry Buntz**

V. Results of measurements program, checks and required drawings

Canopy dimension: **See Measurement File**
LE & TE test (shape): **Negative | Positive**
Line attachment points: **See Measurement File**
Line lengths: **See Measurement File**
Riser set: **See Measurement File**
Symmetric folding lines check: **Negative | Positive**
Asymmetric folding line check: **Negative | Positive**
Folding line attachment points check: **Negative | Positive**

Erstellt/Geändert: SH/ DHV	Freigegeben:		
FB GS-02	Gültig ab: 01.05.2018	Version: 1.9	Seite 1/12

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input checked="" type="checkbox"/>
Test Laboratory flight test programme according to section 9		<input checked="" type="checkbox"/>

VII. Results of stability test program

Shock load test (weak link) [daN]: **900 daN**

Date:

Sustained load [daN]: **(max. load over 3 seconds)**

Date:

Damage: **Yes | No**

Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**

All line samples > 20 daN: **Yes | No**

VIII. Additional material

Video recordings: **Negative | Positive**



Manufacturing record: **Negative | Positive**

User's manual: **Revision: 1.0 | Date: 13. February 2020**

Negative | Positive

IX. Certificate of Compliance

DHV certifies that the model compliance with all criteria defined in CCC, February 2018

Place, date, stamp and signature (manufacturer):	Editing notation Test Laboratory
20.02.2020 JIHUN LEE 	Gmund, 13.12.2019 Harry Buntz 



I. Manufacturer

Company: Davinci Products Inc.

Address: 53 Sinchon-gil, Yangpyeong-gun, Gyeonggi-do, South Korea. (12505)

II. Test Laboratory

Company:

Address:

III. Test specimen

Model:	OPERA S
Min. take off weight [kg]	85
Max. take off weight [kg]	100
Serial number (Manufacturer):	COP-S11170-BLR
Test reference number (Test Laboratory):	DHV CCC-019-20

IV. Test pilots

Manufacturer: **Davinci Products Inc.**

Test Laboratory: **Moonseob Lim**

V. Results of measurements program, checks and required drawings

Canopy dimension:	See Measurement File
LE & TE test (shape):	Negative ○ Positive □
Line attachment points:	See Measurement File
Line lengths:	See Measurement File
Riser set:	See Measurement File
Symmetric folding lines check	Negative ○ Positive □
Asymmetric folding line check:	Negative ○ Positive □
Folding line attachment points check:	Negative ○ Positive □

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input type="checkbox"/>
Test Laboratory flight test programme according to section 9		<input type="checkbox"/>

VII. Results of stability test program


Shock load test (weak link) [daN]: **900 daN**
 Date:
 Sustained load [daN]: **(max. load over 3 seconds)**
 Date:
 Damage: **Yes | No**
 Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**
 All line samples > 20 daN: **Yes | No**

VIII. Additional material

Video recordings: **Negative | Positive**
 Manufacturing record: **Negative | Positive**
 User's manual: **Revision: 1.0 | Date: 13. February 2020**
Negative | Positive

IX. Certificate of Compliance

Davinci Products Inc. certifies that the model compliance with all criteria defined in CCC,

Place, date, stamp and signature (manufacturer):	
20.02.2020 JIHUN LEE 	

I. Manufacturer

Company: Davinci Products Inc.

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II. Test Laboratory

Company:

Address:

III. Test specimen

Model:	OPERA SM
Min. take off weight [kg]	95
Max. take off weight [kg]	110
Serial number (Manufacturer):	COP-SM11260-RGRR
Test reference number (Test Laboratory):	DHV CCC-020-20

IV. Test pilots

Manufacturer: **Davinci Products Inc.**

Test Laboratory: **Moonseob Lim**

V. Results of measurements program, checks and required drawings

Canopy dimension:	See Measurement File
LE & TE test (shape):	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Line attachment points:	See Measurement File
Line lengths:	See Measurement File
Riser set:	See Measurement File
Symmetric folding lines check	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Asymmetric folding line check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Folding line attachment points check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input type="checkbox"/>
Test Laboratory flight test programme according to section 9		<input type="checkbox"/>

VII. Results of stability test program

Shock load test (weak link) [daN]: **900 daN**

Date:

Sustained load [daN]: **(max. load over 3 seconds)**

Date:

Damage: **Yes | No**

Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**

All line samples > 20 daN: **Yes | No**

VIII. Additional material

Video recordings: **Negative | Positive**



Manufacturing record: **Negative | Positive**

User's manual: **Revision: 1.0 | Date: 13. February 2020**

Negative | Positive

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II. Test Laboratory

Company:

Address:

III. Test specimen

Model:	OPERA M
Min. take off weight [kg]	100
Max. take off weight [kg]	115
Serial number (Manufacturer):	COP-M10800-RBW
Test reference number (Test Laboratory):	DHV CCC-021-20

IV. Test pilots

Manufacturer: **Davinci Products Inc.**

Test Laboratory: **Moonseob Lim**

V. Results of measurements program, checks and required drawings

Canopy dimension:	See Measurement File
LE & TE test (shape):	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Line attachment points:	See Measurement File
Line lengths:	See Measurement File
Riser set:	See Measurement File
Symmetric folding lines check	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Asymmetric folding line check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Folding line attachment points check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input type="checkbox"/>
Test Laboratory flight test programme according to section 9		<input type="checkbox"/>

VII. Results of stability test program

Shock load test (weak link) [daN]: **900 daN**

Date:

Sustained load [daN]: **(max. load over 3 seconds)**

Date:

Damage: **Yes | No**

Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**

All line samples > 20 daN: **Yes | No**

VIII. Additional material

Video recordings: **Negative | Positive**


Manufacturing record: **Negative | Positive**

User's manual: **Revision: 1.0 | Date: 13. February 2020**

Negative | Positive

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II. Test Laboratory

Company:

Address:

III. Test specimen

Model:	OPERA L
Min. take off weight [kg]	110
Max. take off weight [kg]	125
Serial number (Manufacturer):	COP-L11180-RBW
Test reference number (Test Laboratory):	DHV CCC-022-20

IV. Test pilots

Manufacturer: **Davinci Products Inc.**

Test Laboratory: **Moonseob Lim**

V. Results of measurements program, checks and required drawings

Canopy dimension:	See Measurement File
LE & TE test (shape):	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Line attachment points:	See Measurement File
Line lengths:	See Measurement File
Riser set:	See Measurement File
Symmetric folding lines check	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Asymmetric folding line check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Folding line attachment points check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input type="checkbox"/>
Test Laboratory flight test programme according to section 9		<input type="checkbox"/>

VII. Results of stability test program

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Date:

Sustained load [daN]: **(max. load over 3 seconds)**

Date:

Damage: **Yes | No**

Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**

All line samples > 20 daN: **Yes | No**

VIII. Additional material

Video recordings: **Negative | Positive**



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II. Test Laboratory

Company:

Address:

III. Test specimen

Model:	OPERA XL
Min. take off weight [kg]	120
Max. take off weight [kg]	135
Serial number (Manufacturer):	COP-XL11340-BGRB
Test reference number (Test Laboratory):	DHV CCC-023-20

IV. Test pilots

Manufacturer: **Davinci Products Inc.**

Test Laboratory: **Moonseob Lim**

V. Results of measurements program, checks and required drawings

Canopy dimension:	See Measurement File
LE & TE test (shape):	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Line attachment points:	See Measurement File
Line lengths:	See Measurement File
Riser set:	See Measurement File
Symmetric folding lines check	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Asymmetric folding line check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>
Folding line attachment points check:	Negative <input type="radio"/> Positive <input checked="" type="checkbox"/>

VI. Results of flight test program

Test manoeuvres	Negative	Positive
Manufacturer flight test programme according to section 9		<input type="checkbox"/>
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Date:

Sustained load [daN]: **(max. load over 3 seconds)**

Date:

Damage: **Yes | No** Calculated max. weight (W_{max}) [daN]: **136 Kg (1068 daN)**All line samples > 20 daN: **Yes | No** **VIII. Additional material**Video recordings: **Negative | Positive** Manufacturing record: **Negative | Positive** User's manual: **Revision: 1.0 | Date: 13. February 2020****Negative | Positive** **IX. Certificate of Compliance**

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Place, date, stamp and signature (manufacturer):	
20.02.2020 JIHUN LEE 	 <p>DAVINCI PRODUCTS INC. 52 Bincheon-Gil, Yangpyeong-Gun, Gyeonggi-Do, S. Korea (12501) VAT No. 559-81-00364 +82 (0)10-8788-3472 sales@dv-glider.com</p>