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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.537

for

CT

Type Certificate Holder: Flight Design general aviation GmbH

Am Flugplatz 3 D-99820 Hörselberg-Hainich Germany

For models: CTLS-ELA



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Type Certificate Holder¹

Flight Design general aviation GmbH

Aircraft Type Designation¹

CTLS-ELA

Engine Manufacturer¹

BRP - Rotax GmbH & Co.KG

Engine Type Designation¹

Rotax 912 S2

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

4 Edition / Amendment 8

Chapter¹

10 (10.4b)

| ΓΛΟΛ | Dranellar | Propeller Type Designation ¹ | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass ¹ (kg) | Take-off dB(A) | | Coo |
|--------------------|--|--|---|---|--------------------|-------|-------------|
| EASA Record No. | Propeller Manufacturer ¹ | | | | Level ¹ | Limit | See Note |
| C10709 | Neuform Composites GmbH & Co. KG | CR3-65-(IP)-47-101.6 | none | 600 | 70.8 | 70.8 | 2 |

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ CTLS-ELA Flight Design general aviation GmbH

Engine Manufacturer¹ Engine Type Designation¹ BRP - Rotax GmbH & Co.KG Rotax 912 ULS2

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 4 Edition / Amendment 8 Chapter¹ 10 (10.4b)

| EASA Propeller Record No. Manufacturer ¹ | Propollor | Propeller Type | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | See Note |
|---|--|--|--|--------------------|----------------|------|-------------|
| | Designation ¹ | requirements or needed to attain the certificated noise levels | Take-off mass ¹ (kg) | Level ¹ | Limit | | |
| C10710 | Neuform Composites GmbH & Co. KG | CR3-65-(IP)-47-101.6 | none | 600 | 70.8 | 70.8 | - |

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ CTLS-ELA Flight Design general aviation GmbH

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 912 iS2 Sport

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6 Edition / Amendment 10 Chapter¹ 10 (10.4b)

| ΓΛζΛ | Dropollor | ' '' | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum | Take-off dB(A) | | Coo |
|--------------------|--|----------------------|---|------------------------|--------------------|-------|-------------|
| EASA Record No. | Propeller Manufacturer ¹ | | | Take-off mass¹ (kg) | Level ¹ | Limit | See Note |
| C14089 | Neuform Composites GmbH & Co. KG | CR3-65-(IP)-47-101.6 | none | 600 | 64.5 | 70.8 | - |

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ CTLS-ELA Flight Design general aviation GmbH

Engine Manufacturer¹ Engine Type Designation¹ BRP - Rotax GmbH & Co.KG Rotax 912 iSc2 Sport

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6 Edition / Amendment 10 Chapter¹ 10 (10.4b)

| EACA | EASA Propeller Record No. Manufacturer ¹ | Dranellar Type | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum | Take-off dB(A) | | See |
|------------|---|--|---|------------------------------------|--------------------|-------|------|
| Record No. | | Propeller Type Designation ¹ | | Take-off mass ¹ (kg) | Level ¹ | Limit | Note |
| C14129 | Neuform Composites GmbH & Co. KG | CR3-65-(IP)-47-101.6 | none | 600 | 64.5 | 70.8 | - |

¹ See Note 1.



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TCDSN EASA.A.537 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. Also applicable to engines with the designation suffix -01



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Change Record

| Issue | Date | Changes |
|---------|------------------|---------------------------------------|
| Issue 1 | 17 April 2012 | Initial Issue |
| Issue 2 | 07 November 2018 | Change of TC Holder |
| Issue 3 | 07 October 2019 | Addition of records C14089 and C14129 |

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