

## APPROVAL CERTIFICATE

EASA.21J.271

Pursuant to Regulations (EU) 2018/1139 and (EU) 748/2012 and subject to the conditions specified below, the Agency hereby certifies

### **Röder-Präzision GmbH**

**Flugplatz  
D-63329 Egelsbach  
Germany**

as a DESIGN ORGANISATION

approved according to Part 21, Section A, Subpart J.

#### CONDITIONS :

1. The approval is limited to that specified in the enclosed Terms of Approval, and
2. This approval requires compliance with the procedures specified in the Design Organisation Handbook, reference Entwicklungsbetriebshandbuch der Firma Röder Präzision, in the latest revision, and
3. This approval is valid whilst the approved Design Organisation remains in compliance with Part 21, Section A, Subpart J.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid until surrendered or revoked.

For the **European Union Aviation Safety Agency**,

Date of issue: 17 April 2020



Iain HIGGINS  
Senior DOA Team Leader

Terms of Approval 21J.271  
Issue 10, 10 March 2022

Röder-Präzision GmbH

# Terms of Approval

## Design Organisation Approval Certificate

### EASA.21J.271

#### 1 Scope

This Design Organisation Approval is applicable for the scope defined in Annex A for design work with regard to the airworthiness, operational suitability and environmental characteristics of the products.

#### 2 Privileges

- a) (Reserved)
- b) (Reserved)
- c) The holder of this design organisation approval shall be entitled, within the scope of this terms of approval, and under the relevant procedures of the design assurance system:
  1. to classify changes to a type-certificate or to a supplemental type-certificate and repair designs as “major” or “minor”;
  2. to approve minor changes to a type-certificate or to a supplemental type-certificate and minor repair designs;
  3. (Reserved);
  4. (Reserved);
  5. to approve certain major repair designs under Part 21, Section A, Subpart M to products or auxiliary power units (APUs);
  6. [Not applicable];
  7. [Not applicable];
  8. [Not applicable];
  9. [Not applicable].



### 3 Obligations

The holder of this design organisation approval shall, within the scope of this terms of approval:

- a) maintain the handbook required under point 21.A.243 in conformity with the design assurance system;
- b) ensure that this handbook or the relevant procedures included by cross-reference are used as a basic working document within the organisation;
- c) determine that the design of products, or changes or repairs thereto comply with the applicable specifications and requirements and have no unsafe features;
- d) provide the Agency with statements and associated documentation confirming compliance with point (c), except for approval processes carried out in accordance with point 21.A.263(c);
- e) provide to the Agency data and information related to the actions required under point 21.A.3B;
- f) [Not applicable];
- g) [Not applicable];
- h) designate data and information issued under the authority of the approved design organisation within the scope of its terms of approval as established by the Agency with the following statement: "The technical content of this document is approved under the authority of the DOA ref. EASA.21J.271".

Date of issue: 10/03/2022



Iain HIGGINS  
Senior DOA Team Leader

## Annex A

### Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>(Powered) sailplane</b>								
Avionics								
All areas		■	■	■	■	■		
Cabin								
All areas		■	■	■	■	■		
Electrical Systems								
All areas		■	■	■	■	■		
Structures								
All areas		■	■	■	■	■		
<b>Large aeroplane</b>								
Avionics								
All areas		■	■	■	■	■		
Cabin								
All areas		■	■	■	■	■		
Electrical Systems								
All areas		■	■	■	■	■		
Structures								
All areas		■	■	■	■	■		
<b>Large rotorcraft</b>								
Cabin								
Electrical cabin systems				■		■		
Electrical Systems								
All areas				■		■		
Structures								
All areas		■	■	■	■	■		

		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Piston engine</b>									
	All scope (TCH)								
	All areas	■		■	■		■		
<b>Small aeroplane</b>									
	Avionics								
	All areas		■	■	■	■	■		
	Cabin								
	All areas		■	■	■	■	■		
	Electrical Systems								
	All areas		■	■	■	■	■		
	Environmental Control Systems								
	Bleed systems		■	■	■	■	■		
	Ice and Rain protection systems		■	■	■	■	■		
	Flight								
	Flight characteristics		■	■	■	■	■		
	Hydro-Mechanical Systems								
	Flight controls		■	■	■	■	■		
	Powerplant and Fuel Systems								
	All areas		■	■	■	■	■		
	Structures								
	All areas		■	■	■	■	■		
<b>Small and very light rotorcraft</b>									
	Avionics								
	All areas		■	■	■				
	Cabin								
	Electrical cabin systems				■		■		
	Electrical Systems								
	All areas				■		■		
	Structures								
	All areas		■	■	■	■	■		

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
VLA / LSA								
Avionics								
All areas		■	■	■	■	■		
Cabin								
All areas		■	■	■	■	■		
Electrical Systems								
All areas		■	■	■	■	■		
Powerplant and Fuel Systems								
All areas		■	■	■				
Structures								
All areas		■	■	■	■	■		

**Legend:**

■	Title for category of product
■	Title for design scope
■	Title for design area

■	Within scope
□	Outside scope

**List of products**

Product	Design Activity	Types
Piston engine	TC	Type for which Röder Präzision GmbH is undertaking type-certificate holder's actions and obligations: EASA E.096: SR305 Series.

## Limitations

### Limitations common to all products and activities

- 1) The development and demonstration of compliance related to SW and AEH with IDAL A, B, C and D is excluded for all products except TC activities on piston engines.
- 2) Development of Operational Suitability Data excludes the OSD constituents Simulator Data and Maintenance Certifying Staff Data.
- 3) The privilege under paragraph 2(c)(5) is limited to the approval of the design of major repairs to products for which it holds the supplemental type-certificate.

Product	Limitations particular to each product
(Powered) sailplane	For non-TCH activity: None.
Large aeroplane	For non-TCH activity: Primary structure is excluded.
Large rotorcraft	For non-TCH activity: Primary structure is excluded.
Piston engine	For TCH activity: None.
Small aeroplane	For non-TCH activity: The scope of activities related to the disciplines of Environmental Control Systems and Hydro-Mechanical Systems is limited to the integration of piston engines into small aeroplanes.
Small rotorcraft	For non-TCH activity: Primary structure is excluded.
Very light rotorcraft	For non-TCH activity: Primary structure is excluded.
VLA / LSA	For non-TCH activity: None.