

APPROVAL CERTIFICATE

EASA.21J.274

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

ACC COLUMBIA Jet Service GmbH

**Benkendorffstr. 38
30855 Langenhagen
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 Entwicklungsbetriebs-Handbuch ACC COLUMBIA Jet Service GmbH, 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: 10/12/2021

Fernando SALAZAR
Delegated DOA Team Leader



Terms of Approval

Design Organisation Approval Certificate

EASA.21J.274

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;
 - 6. to approve for certain aircraft the flight conditions under which a permit to fly can be issued in accordance with point 21.A.710(a)(2), except for permits to fly to be issued for the purpose of point 21.A.701(a)(15);
 - 7. to issue a permit to fly in accordance with point 21.A.711(b) for an aircraft it has designed or modified, or for which it has approved, in accordance with point 21.A.263(c)(6), the flight conditions under which the permit to fly can be issued, and where the holder of this design organisation approval itself:
 - (i) controls the configuration of the aircraft, and
 - (ii) attests conformity with the design conditions approved for the flight;
 - 8. [not applicable];
 - 9. [not applicable].

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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) under the privilege of paragraph 2(c)(6), determine the flight conditions under which a permit to fly can be issued;
- g) under the privilege of paragraph 2(c)(7), establish compliance with points (b) and (e) of point 21.A.711 before issuing a permit to fly to an aircraft;
- 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.274".

Date of issue: 14/02/2024



Damian KOCJANCIC
Senior DOA Team Leader

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Annex A

Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
(Powered) sailplane								
Avionics (non-TCH activity)								
Communication systems								
Diagnostic and Maintenance systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
Electrical generation / distribution systems								
External lighting systems								
Flight (non-TCH activity)								
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)								
Flight controls								
Fuselage doors								
Hydraulics/Pneumatics systems								
Landing gear systems								
Powerplant and Fuel Systems (non-TCH activity)								
Fuel systems								
Powerplant installations								
Structures (non-TCH activity)								
All areas								

Legend:

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

	Within scope
	Outside scope

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large aeroplane								
Avionics								
Communication systems								
Diagnostic and Maintenance systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
Cabin								
Cabin interiors								
Cargo compartments								
Electrical cabin systems								
External schemes, placards and markings								
Flight deck interiors								
Electrical Systems								
Electrical generation / distribution systems								
External lighting systems								
Environmental Control Systems								
Oxygen systems								
Hydro-Mechanical Systems								
Flight controls								
Fuselage doors								
Hydraulics/Pneumatics systems								
Landing gear systems								
Structures								
All areas								

Legend:

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

	Within scope
	Outside scope

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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Small aeroplane								
All scope (TCH)								
All areas								
Avionics (non-TCH activity)								
Communication systems								
Diagnostic and Maintenance systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
Electrical generation / distribution systems								
External lighting systems								
Flight (non-TCH activity)								
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)								
Flight controls								
Fuselage doors								
Hydraulics/Pneumatics systems								
Landing gear systems								
Powerplant and Fuel Systems (non-TCH activity)								
Fuel systems								
Powerplant installations								
Structures (non-TCH activity)								
All areas								

Legend:

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

	Within scope
	Outside scope

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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Small rotorcraft								
Avionics (non-TCH activity)								
Communication systems								
Diagnostic and Maintenance systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
Electrical generation / distribution systems								
External lighting systems								
Hydro-Mechanical Systems (non-TCH activity)								
Flight controls								
Fuselage doors								
Hydraulics/Pneumatics systems								
Landing gear systems								
Powerplant and Fuel Systems (non-TCH activity)								
Fuel systems								
Powerplant installations								
Structures (non-TCH activity)								
All areas								

Legend:

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

	Within scope
	Outside scope

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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
VLA / LSA								
Avionics (non-TCH activity)								
Communication systems								
Diagnostic and Maintenance systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
Electrical generation / distribution systems								
External lighting systems								
Flight (non-TCH activity)								
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)								
Flight controls								
Fuselage doors								
Hydraulics/Pneumatics systems								
Landing gear systems								
Powerplant and Fuel Systems (non-TCH activity)								
Fuel systems								
Powerplant installations								
Structures (non-TCH activity)								
All areas								

Legend:

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

	Within scope
	Outside scope

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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Piston engine								
Propulsion (non-TCH activity)								
All areas								
Propeller								
Propulsion (non-TCH activity)								
All areas								

Legend:

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

	Within scope
	Outside scope

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List of products

Product	Design Activity	Types
Small aeroplane	TC	TCDS EASA.A.591 AS202-Series
		Type for which ACC COLUMBIA Jet Service GmbH is undertaking type-certificate holder's actions and obligations: TCDS EASA.A.539 Ruschmeyer R 90

Limitations

Limitations common to all products and activities	
1. Development and demonstration of compliance related to AEH with IDAL A, B, C and D is excluded. 2. Development of Operational Suitability data is excluded. 3. The privilege under paragraph 2(c)(5) is limited to the approval of the design of major repairs to products for which the DOA holds the type-certificate or the supplemental type-certificate.	
Product	Limitations particular to each product
Large aeroplane	For non-TCH activity: 1. Design activities requiring flight testing are excluded
Small rotorcraft	For non-TCH activity: 1. Design activities requiring flight testing are excluded