



Civil Aviation Authority
of the
United Kingdom
DESIGN ORGANISATION
APPROVAL CERTIFICATE

REFERENCE: UK.21J.0702

Pursuant to Regulation (EU) 2018/1139 and Regulation (EU) No. 748/2012 as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018 and subject to the conditions specified below, the Civil Aviation Authority of the United Kingdom hereby certifies:

CAV ICE PROTECTION LIMITED

**UNIT 1A
LINDEN PARK
NUMBER ONE INDUSTRIAL ESTATE
CONSETT
COUNTY DURHAM
DH8 6SR**

Registered Company Number: 06714461

as a design organisation in compliance with Annex I (Part-21) Subpart J of Regulation (EU) No 748/2012.

CONDITIONS

1. This approval is limited to that specified in the Terms of Approval, and
2. This approval requires compliance with the procedures specified in the approved Design Organisation Handbook, and
3. This approval is valid whilst the approved design organisation remains in compliance with Annex I (Part-21) Subpart J of Regulation (EU) No 748/2012.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: 16 OCTOBER 2023

Signed:

Date of this revision: 16 OCTOBER 2023

Revision No: UK.21J.725

For the Civil Aviation Authority

DESIGN ORGANISATION

TERMS OF APPROVAL

REFERENCE: UK.21J.0702

ORGANISATION: CAV ICE PROTECTION LIMITED

UNIT 1A, LINDEN PARK, NUMBER ONE INDUSTRIAL ESTATE, CONSETT,
COUNTY DURHAM, DH8 6SR.

Terms of Approval: Privileges

21.A.263(a)	(Reserved)
21.A.263(b)	(Reserved)
21.A.263(c)	The holder of this Design Organisation Approval shall be entitled, within the scope of these terms of approval, and under the relevant procedures of the design assurance system:
21.A.263(c)(1)	to classify changes to a type-certificate or to a supplemental type-certificate and repair designs as 'major' or 'minor';
21.A.263(c)(2)	to approve minor changes to a type-certificate or to a supplemental type-certificate and minor repair designs;
21.A.263(c)(3)	(Reserved);
21.A.263(c)(4)	(Reserved);
21.A.263(c)(5)	(Not Applicable)
21.A.263(c)(6)	(Not Applicable)
21.A.263(c)(7)	(Not Applicable)
21.A.263(c)(8)	(Not Applicable)
21.A.263(c)(9)	(Not Applicable)

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COUNTY DURHAM, DH8 6SR.

Terms of Approval: Technical Areas of Scope

	Technical Area of Scope	Flight	Structures	Cabin	Avionics	Electrical Systems	Hydro-Mechanical Systems	Environmental Control Systems	Rotor Drive Systems	Powerplant and Fuel Systems	Propulsion
Product Class	Large Aeroplane										
	Small Aeroplane		✓		✓	✓		✓		✓	
	VLA / LSA		✓		✓	✓		✓		✓	
	(Powered) Sailplane										
	Large Rotorcraft										
	Small Rotorcraft										
	Very Light Rotorcraft										
	Gyroplane										
	Balloon										
	Airship										
	Turbine Engine										
	Piston Engine										
	APU										
	Propeller										
UAV											
Activity Scope	TC										
	STC		✓		✓	✓		✓		✓	
	Major Changes		✓		✓	✓		✓		✓	
	Minor Changes		✓		✓	✓		✓		✓	
	Major Repairs										
	Minor Repairs		✓		✓	✓		✓		✓	
	Flight Conditions										
	Permit to Fly										

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Terms of Approval: Limitations

1. Design activities requiring flight testing are excluded.
2. Design activities on Electrical Systems are limited to distribution of power for Ice Protection Systems and the assessment of EMC, HIRF and Lightning Indirect Effects, Lightning Direct Effects, and EWIS on Ice Protection Systems.
3. Design activities on Avionics Systems are limited to instrument and control panel and central warning systems on Ice Protection Systems.
4. Design activities on Powerplant and Fuel Systems are limited to Engine and Propeller Installation aspects related to Ice Protection Systems.
5. Design activities on Environmental Control Systems are limited to Ice Protection Systems.
6. Design activities requiring Software and Airborne Electronic Hardware are excluded.
7. Design activities requiring Operational Suitability Data are limited to MMEL.

This approval schedule is limited to those products and technical areas specified in the scope of work section of the approved Design Organisation Handbook.

Design Organisation Handbook reference: DOH-CAV ICE 01

Date of original issue: 23 AUGUST 2023

Signed:

Date of last revision approved: 23 AUGUST 2023

Revision No: ISSUE 01 REVISION 00

For the Civil Aviation Authority