

Phoenix Aerospace Limited

Terms of Approval

Design Organisation Approval Certificate EASA.211.158

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 as "major" or "minor";
 - 2. to approve minor changes to a type-certificate or to a supplemental type-certificate;
 - 3. (Reserved);
 - 4. (Reserved);
 - 5. [not applicable];
 - 6. [not applicable];
 - 7. [not applicable];
 - 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 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.158".

Date of issue: 23/01/2020

Robert BOERSMA
Senior DOA Team Leader





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Annex A

Scope of work

			7.0	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large										11/
aeroplane	Avionics	Autoflight systems Communication systems Diagnostic and Maintenance systems Indicating, Alerting systems Navigation systems Recording systems Surveillance systems								
	Cubiii	Cabin interiors								F. F. 1
		Flight deck interiors								
	Electrical Systems									
		Electrical generation / distribution systems External lighting systems Wireless transmission systems								anagh marghi
	Flight	Flight characteristics						//		



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			TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large										
rotorcraft										
	Avionics									=
	A complete and American complete and a series	Autoflight systems								
		Communication systems					/			
		Diagnostic and Maintenance			0-000 m²		1/			
		systems					///			
		Indicating, Alerting systems		1						
		Navigation systems								
		Recording systems								
	Andrew America	Surveillance systems								
	Cabin								///	///
		Cabin interiors								
		Flight deck interiors								
	Electrical				11		//	//	11	///
	Systems				//	77	ZZ,	17,	1/7	1//
		Electrical generation / distribution systems								
		External lighting systems								
		Wireless transmission systems								
	Flight					<<				4
		Flight characteristics								
	Structures							//		77
		Empennage								
		Fuselage								
		Support for external equipment								
		Wings								



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			TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Small										
aeroplane	Avionics							//		4
		Autoflight systems Communication systems Diagnostic and Maintenance systems Indicating, Alerting systems Navigation systems Recording systems Surveillance systems								
	Cabin	Surveillance systems		//		///				///
	Electrical Systems	Cabin interiors Flight deck interiors								
	Systems	Electrical generation / distribution systems External lighting systems Wireless transmission systems								
	Flight				//			1		
	Structures	Flight characteristics								4
		Empennage Fuselage								
		Support for external equipment Wings								



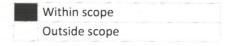


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			TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Small										
rotorcraft										
A Company of the Comp	Avionics								//	
		Autoflight systems				M.				
		Communication systems				126				
		Diagnostic and Maintenance								
		systems								
		Indicating, Alerting systems								
		Navigation systems Recording systems								
		Surveillance systems		THE RES						
	Cabin	Surveillance systems						111	11	111
	1000	Cabin interiors								
		Flight deck interiors								
	Electrical Systems								1	//
		Electrical generation / distribution systems								
		External lighting systems								
		Wireless transmission systems							manufacture in	et et la grande de
	Flight				//		4/4	//,		//,
		Flight characteristics								
	Structures							//,		
		Empennage								
		Fuselage								
		Support for external equipment								
		Wings								



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







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List of products

[not applicable]

Limitations

Limitations common to all products and activities

- 1. Structures-related changes are limited to:
- a. those supporting the avionics/electrical changes provided that the associated structural changes do not modify the pressurised hull of the aircraft or introduce any significant stress or load on existing structure; and
- b. items of mass and panel installations inside the cabin of unpressured aircraft with no undue effect on flutter characteristics and using existing attachment points (i.e. no new holes affecting PSE fatigue characteristics).
- 2. Cabin interior changes are limited to harness and seat belt changes classified as minor.
- 3. Changes affecting Operational Suitability Data are excluded.