

Application for One-off Major Design Change Authorisation
Applicable to Design Delegation Holders only



Application requirements and instructions for completing the form

- a) *This application provides a mechanism to collect data regarding the application and lays out some of the criteria for decision making. There are other issues which the CAA consider that are beyond the control of the applicant and may prevent the authorisation being granted. These may include increased risk, operational sector safety trends, investigation or specific aircraft concerns.*
- b) *Use additional sheets such as those included at the end of the form to provide further details and explanations that do not fit in the original sections of the form.*
- c) *Once the form has been completed please email it to certification@caa.govt.nz.*

1. Part 146 Organisation Details

Part 146 Participant Number

Part 146 Design Organisation name

2. Design Change Identification

Please provide sufficient details to understand the intended design change

Design Change Reference

Issue/Revision

Design Change Reference	Issue/Revision
<p>Design Change Description <i>The description should be sufficient to understand the technical scope of the design change and answer the classification questions below. Please attach drawings, photographs and/or diagrams as necessary.</i></p>	

<p>Why classified as a major design change?</p> <p><i>See Schedule one attached to delegation for further information and examples</i></p>	Is there an appreciable effect on weight due to the design change?	Yes / No
	Is there an appreciable effect on balance due to the design change?	Yes / No
	Is there an appreciable effect on structural strength due to the design change?	Yes / No
	Is there an appreciable effect on reliability due to the design change?	Yes / No
	Is there an appreciable effect on operational characteristics due to the design change?	Yes / No
	<p>Are any of the other criteria or examples from Schedule One met?</p> <p>For example;</p> <ul style="list-style-type: none"> o adjustment of the certification basis o new interpretation of the requirements used for the TC basis o aspects of compliance demonstration have not been previously accepted o extent of new substantiation data and degree of reassessment and re-evaluation considerable o design change alters airworthiness or operating limitations o mandated by AD or terminating action of an AD o introduces or affects a function(s) where the failure condition is catastrophic or hazardous, or failure effect is 'major' when the criteria in Schedule One are met <p>If "yes", please provide details below:</p>	Yes / No

If the answer to any of the questions above is "yes", however you would like to apply for a reclassification to a minor design change, please provide rationale below *(leave blank if the design change is believed to be major)*

3. Design Delegation Holder(s) who intend to perform finding of compliance for design change

DDH Participant Number	Name	Scope (e.g. subparts or particular rules) <i>If more than one DDH, please identify the DDH who will have overall responsibility for approval of the design change</i>	Confirm scope within delegation
			Yes / No
			Yes / No
			Yes / No

If more than three Design Delegation Holders will be involved in finding compliance, please continue table on additional sheets

4. Aircraft to be modified and operator

Note that major design change authorisations may only be provided for either a single aircraft, a fleet modification for a single operator or provided to a New Zealand type certificate holder.

Aircraft Manufacturer	<input type="text"/>	Aircraft Model	<input type="text"/>
Aircraft Registration (all applicable)	<input type="text"/>	Aircraft Serial Number (all applicable)	<input type="text"/>
Operator	<input type="text"/>		

5. Significance of the design change

Assess the design change against these criteria. <i>If the answer to any of these criteria is "yes", the major design change authorisation is unlikely to be granted. However, the design change may still be achieved via the Supplementary Type Certificate process.</i>	Is there a significant increase in engine power?	Yes / No
	Is there a change in propulsion type?	Yes / No
	Is there a change in operational use?	Yes / No
	Are there any new or novel design features?	Yes / No
	Is the change affecting the Type Certificate Data Sheet?	Yes / No
	Is the design change for use under a standard category airworthiness certificate and could the design change affect the noise compliance of the aircraft?	Yes / No
	Are there any special manufacturing considerations?	Yes / No
	Are there any new special conditions required or existing special conditions affected?	Yes / No
	Are there any new equivalent level of safety finding required or existing new equivalent level of safety findings affected?	Yes / No
Is the design change classified as "Significant" in accordance with FAA AC21.101-1 at the latest revision?	Yes / No	
If "Yes", please provide further details below		
<input type="text"/>		

6. Replacement and modification of materials, parts, and appliances

Describe how CAR 21.303 will be met	<input type="text"/>
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7. Declaration by Design Delegation Holder(s)

I (we) declare that to the best of my knowledge and belief the statements made and the information supplied in this application and the attachments are complete and correct.

The provision of false information or failure to disclose information relevant to the grant or holding of an aviation document constitutes an offence under Section 49 of the Civil Aviation Act 1990 and is subject, in the case of a body corporate, to a maximum fine of \$50,000.

Full Name of Design Delegation Holder(s)	<input type="text"/>	Participant Number(s)	<input type="text"/>
Signature	<input type="text"/>	Date of application	<input type="text"/>

Please send the completed application form to certification@caa.govt.nz

Use this sheet if you need to provide further information or explanations that do not fit in the original sections of the form.

Section	Additional details or explanations