



CRITERIA FOR THE CLASSIFICATION OF MAJOR AND MINOR MODIFICATIONS AND REPAIRS

The following criteria outline the decisions needed in assessing a modification or repair as major or minor. For each issue, it must be determined whether or not the proposed change will have other than a negligible effect. The questions require "yes" or "no" responses. An affirmative answer to any individual question indicates that the changes should be classified as major.

Criteria for the classification of major and minor modifications and repairs				
Insert a tick (✓) if the criteria is Yes or No. If the criteria is not applicable, fill in "NA".				
Item	Criteria	Yes	No	N/A
1	General			
	a) Is the change being accomplished as an alternative means of compliance with an airworthiness directive or equivalent?			
	b) Does the change affect type approval status?			
2	Mass and balance			
	a) Does the change involve a revision in the approved mass limitations or centre of gravity range limits?			
	b) Does the change require the installation of ballast or use of other methods to maintain the centre of gravity within the approved limits?			
3	Performance and flight characteristics			
	Does the change involve alterations to the configuration of the aircraft which may:			
	a) increase drag;			
	b) alter the thrust or power;			
	c) affect stability or controllability;			
	d) induce flutter or vibration; or			
	e) alter the stalling characteristics to an extent which necessitates analysis or test?			
4	Structural strength			
	a) Does the change involve a principal component of the aircraft structure such as a frame, stringer, rib, spar or stressed skin?			
	b) Does the change involve a structural element which is addressed as part of a damage tolerance or fatigue/failsafe evaluation?			
	c) Is a pressure vessel penetration or change involved?			
	d) Does the change involve the installation of an item of mass necessitating structural re-evaluation?			
	e) Does the change involve the installation or alteration of a containment or restraint system intended for the stowage of items of significant mass?			
	f) Does the change involve repairs or modifications to the load-bearing structure of seats, harnesses or their means of attachment or any other occupant restraint equipment?			
	g) Does the change involve the substitution of materials?			
5	Powerplant operation			
	a) Does the change significantly affect the powerplant or propeller or their accessories?			
6	Other qualities affecting airworthiness			
	a) Does the change involve equipment for which there is no performance standard which has been approved or accepted by the airworthiness authority?			
	b) Does the change affect the probability of failure conditions that could impair or preclude continued safe flight or landing?			
	c) Does the change affect the pilot's visibility or impair the pilot's capability to control the aircraft?			
	d) Does the change involve alterations to the interior arrangement or cabin materials?			
	e) Does the change involve systems for cabin pressurization or the provision of breathing oxygen?			
	f) Does the change involve flight controls or an autopilot?			

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	g) Does the change involve critical- or essential components of the electrical system such as generators, alternators, inverters, batteries, distribution buses, or bus protection and control devices?			
	h) Does the change affect instruments or indicators or their subsystems that provide navigation information?			
	i) Does the change affect instruments, indicators or their subsystems that provide essential or critical information concerning the aircraft status?			
	j) Does the change affect a regulated placard?			
	k) Does the change affect any approved information contained in the flight manual or relevant document?			
7	Other qualities affecting environmental characteristics			
	a) Does the change alter the aircraft noise or emission characteristics?			
8	Non-standard practices			
	a) Does the change involve practices or techniques which are novel or unproven in the proposed application?			
9	Software criticality			
	a) Does the change have a significant impact on flight operation?			
Name		Signature		Date

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