

CS 23 Paragraph	Sub-Para	Requirement title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
23.2200	b)	Flight load conditions		s	p												
23.2200	c)	Mass and CG		s	p												
23.2200	d)	Loads		s	p	s											
23.2200	e)	Redistribution of loads			p												
23.2205		Interaction of systems and structures			p	p										s	
STRUCTURAL LOADS																	
Structural design loads																	
23.2210	a) 1	Determine structural design loads		s	p												
23.2210	a) 2	Determine structural design loads at all critical combinations of parameters		s	p												
23.2210	a) 3	Magnitude and distribution of the loads			p	s											
Flight load conditions																	
23.2215	a)	Critical flight loads		s	p												
23.2215	b)	Vibration and buffeting - no structural damage		s	p												
23.2215	c)	Flight loads from a/c failure		s	p				s								
Ground and water load conditions																	
23.2220		Structural design loads			p	s											
Component loading conditions																	
23.2225	a)	Loads acting upon all relevant structural components and conditions			p	s											
23.2225	b)	Pressurized cabin- 1.33 factor			p	s				s							
Limit and ultimate loads																	
23.2230	a)	Limit Loads & Ultimate Loads			p												
23.2230	b)	Factors of safety			p												
STRUCTURAL PERFORMANCE																	
Structural strength																	
23.2235	a)	Structural strength LL			p	s				s							
23.2235	b)	Structural strength UL			p	s				s							
Structural durability																	
23.2240	a)	procedures and inspectins agains structural failures			p									s			
23.2240	b)	procedures and inspectins agains structural failures for L4 a/c			p									s			
23.2240	c)	presurised a/c			p				s					s			
	d)	rotor-disk burst high-energy fragments			p	s	s*		p	s				s			*if thermal runaway risk on batteries

CS 23 Paragraph	Sub-Para	Requierment title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
23.2270	a)	Emergency Landing Conditions			p							p/s					
23.2270	b)	Emergency landing dynamic conditions			s							p					
23.2270	c)	Protection for all occupants in all flight conditions			s							p					
23.2270	d)	Occupant protection system			s							p					
23.2270	e)	Baggage and cargo compartment			p/s							p					P3 is primary for e1
SUBPART D - DESIGN AND CONSTRUCTION																	
Flight control systems																	
23.2300	a)	Control system specifications		s	s	p											
23.2300	b)	Trim system specifications		s	s	p											
Landing gear systems																	
23.2305	a)	Generals LG				p								s			
23.2305	b)	Brakes				p								s			
23.2305	c)	LG extenstion and retraction system				p											
Buoyancy for seaplanes and amphibians																	
23.2310	a)	Floats buoyancy			p							s					
23.2310	b)	Safety margin			p							s					
OCCUPANT SYSTEM DESIGN PROTECTION																	
Means of egress and emergency exits																	
23.2315	a)	Emergency evacuation			s	s						p					
23.2315	b)	Egress for a/c aerobatics			s	s						p					
Occupant physical environment																	
23.2320	a)	Occupant protection specs										p					
23.2320	b)	Windshield pilot protection			p							s					
23.2320	c)	Oxygen supply							p			s					
23.2320	d)	Presurization system			p/s	p			p			s					P3 is also primary for d2
23.2320	e)	Oxygen system							p			s					
FIRE AND HIGH ENERGY PROTECTION																	
Fire protection																	
23.2325	a)	Risk of fire initiation (accelerants)				s	s		s	s		p					
23.2325	b)	Risk of fire propagation				s			p			p/s					
Fire protection in designated fire zones																	

CS 23 Paragraph	Sub-Para	Requirement title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
23.2330	a)	Fire protection of flight controls, engine mounts, and other flight structure			p	p			p			s					
23.2330	b)	Fire protection fire zone				s	s		p			s					
23.2330	c)	Fire resistant				s	s		p			s					
23.2335		Lightning protection					p		s								
23.2340		Design and construction information	s													p	
SUBPART E — POWERPLANT INSTALLATION																	
Powerplant installation																	
23.2400	a)	Aeroplane powerplant installation					s		p							s	
23.2400	b)	TC/specs for engine, prop, APU					s		p/s							p*	p*- if Engine or propeller certified under the A/C TC; P7 (s) if Engine or propeller certified under their own TC
23.2400	c)	Powerplant installation specs			s		s		p							s	
23.2400	d)	Fluids, vapours or gases					s		p							s	
23.2400	e)	Installations of powerplant components					s		p							s	
23.2400	f)	Energy' definition					s		p							s	
Power or thrust control systems																	
23.2405	a)	Power or thrust control systems		s		s		s	p								
23.2405	b)	Power or thrust control systems failure		s		s		s	p								
23.2405	c)	Inadvertent operation of Power or thrust control systems		s				s	p								
23.2405	d)	Other safety specifications		s		s		s	p								
Powerplant installation hazard assessment																	
23.2410	a)	Safe flight and landing		s					p								s
23.2410	b)	Serious injuries		s					p								s
23.2410	c)	Minimum crew intervention		s					p								s
Powerplant installation ice protection																	
23.2415	a)	accumulation or shedding of ice or snow - aeroplane design							p/s	p							
23.2415	b)	powerplant installation design - icing conditions							p/s	p							
23.2420		N/A (reserved)															
Powerplant operational characteristics																	

CS 23 Paragraph	Sub-Para	Requriement title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
23.2425	a)	Powerplant must operate without any hazardous characteristics		s			s		p								
23.2425	b)	Shutdown and restart of the powerplant in flight		s			s		p								
		Powerplant installation, energy storage and distribution systems															it depends on the technology see P5, P7; P5 could be primary in an electrical aircraft, when the energy stored is electrical.
23.2430	a)	System					p/s		p/s								
23.2430	b)	Storage system					p/s		p/s								
23.2430	c)	Energy-storage-refilling or -recharging system					p/s		p/s						s		
23.2430	d)	No hazardous loss of stored energy					p/s		p/s						s		
		Powerplant installation support systems															
23.2435	a)	Powerplant installation support systems					s		p								
23.2435	b)	Engine reliability					s		p						s		
23.2435	c)	Operating conditions					s		p						s		
23.2435	d)	System safety assessment					s		p						s		
23.2435	e)	System function and characteristics					s		p						s		
23.2435	f)	FOD prevention					s		p						s		
23.2435	g)	Air intake configuration and management		s			s		p						s		
23.2435	h)	Failures mitigation of powerplant installation support systems					s		p	s					s		
23.2440		Powerplant installation fire protection				s	s		p			s			s		
		Powerplant installation information															
23.2445	a)	Operating limitations, procedures and instructions		s			s		p	s				s	s		
23.2445	b)	Instrument markings or placards;		s			s		p						s		
23.2445	c)	Any additional information necessary		s			s		p						s		
23.2445	d)	Inspections or maintenance					s		p				s	s			
23.2445	e)	Air intake configuration information					s		p	s					s		
23.2445	f)	Engine starting and stopping techniques and limitations		s			s		p						s		
23.2445	g)	Energy level information		s			s		p						s		

SUBPART F - SYSTEMS AND EQUIPMENT

CS 23 Paragraph	Sub-Para	Requierment title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
		General requirements on systems and equipment function															
23.2500	a)	Generals				p											p/s
23.2500	b)	Equipment and systems functions				p					p						p/s
		General requirements on equipment installation															
23.2505	a)	Equipment limitations				p											p/s
23.2505	b)	Engine-driven accessories distribution					s		p								
		Equipment, systems, and installations															It depends on the system involved
23.2510	a)	Safety assessment		s		p	p	p	p	p	p*	p	p				* if software and/or AEH is part of the project, P10 is also p
23.2510	b)	Other equipments system failure		s		p	p	p	p	p	p	p	s				
		Electrical and electronic system lightning protection															
23.2515	a)	Failure conditions					p							s			
23.2515	b)	Failure conditions HF		s			p							s			
		High-intensity radiated fields (HIRF) protection															
23.2520	a)	HIRF protection and system recovery		s		s	p										
23.2520	b)	HIRF protection and system recovery - IFR ops		s		s	p										
		System power generation, storage, and distribution															
23.2525	a)	Power supply					p	s									
23.2525	b)	Failure condition				s	p	s									
23.2525	c)	Power supply redundancy					p	s									
		External and cockpit lighting															
23.2530	a)	Design and installation of lights w minimum adverse effect on crew		p													
23.2530	b)	Position and anti-collision lights characteristics		s			p										
23.2530	c)	Position lights requierments		s			p										
23.2530	d)	Taxi and landing lights charactristics		p			s										
23.2530	e)	Riding lights - seaplanes and amphibian a/c		s			p										
23.2535		Safety equipment								s		p					
		Flight in icing conditions															
23.2540	a)	Ice protection system		s				s		p							
23.2540	b)	Stalling protection with AP On		s				p		p							

CS 23 Paragraph	Sub-Para	Requierment title	0	1	3	4	5	6	7	8	10	11	12	14	19	All	Note
Instructions for Continued Airworthiness																	
23.2625	a)	ICAs in line with the cert level and performance level of the a/c												p		s	
23.2625	b)	ICAs provision for applices or products installed in the aeroplane												p		s	
23.2625	c)	ALS and its content				s								p		s	
23.2625	d)	Procedures to prevent structural failures												p		s	