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 Safety-critical systems have to be certified by independent authorities 	Functional Hazard Analysis • severity allocation for each system function			
 Aerospace safety process driven from the safety requirements High Temperature Operating Life (HTOL) test commonly used for accelerated testing but questioned 	Ţ, ġ			ty witroutine p
	Severity	Failure rate	Design Assurance Level	any third par
	catastrophic	10 ⁻⁹	А	sdoaedto
	hazardous	10-7	В	part nor di
	major	10 ⁻⁵	С	whide or in
	minor	10-3	D	rial brmin
 And what about the use of the processor outside of its specification (derating)? 	Design to safety • redundancy and monitoring • DAL allocation & mitigation			
How to qualify the reliability of equipment for mission-critical markets ?				
			THALES	5











