

Certification Risk

Critical Electric Aircraft Failure Modes	VTOL		STOL	
	Consequence	Severity	Consequence	Severity
Low-altitude failure of flight stabilization system	Loss of vehicle attitude control	High	N/A - No FBW System Required	Low
Low-altitude common mode power system failure	Loss of vehicle lift, attitude control	High	Loss of thrust	Medium
Battery failure - thermal runaway	Onboard fire hazard to occupants; loss of lift/attitude control	High	Onboard fire hazard to occupants; loss of thrust	High