

## UKFSC Hazard Register - In Flight Hazards

	Hazardous Event	Hazard
1	Aircraft systems failure	1.1 Loss of hydraulics 1.2 Loss of electrics 1.3 Loss of FMS 1.4 Loss of radios 1.5 Loss of engine oil 1.6 Loss of fuel 1.7 Loss of autopilot/autothrust
2	Fire	2.1 Flight deck fire in flight 2.2 Cabin fire in flight 2.3 Hold fire in flight 2.4 Engine fire in flight
3	Smoke/Fumes	3.1 Smoke and fumes in flight deck 3.2 Smoke and fumes in Cabin 3.3 Smoke and fumes from hold
4	SOP deviation	4.1 CRM breakdown 4.2 Unsafe practices
5	Navigation deviation	5.1 Loss of separation 5.2 Noise violation
6	Level bust	6.1 Mid air collision 6.2 Loss of separation
7	TCAS/Prox traffic	7.1 Failure to correctly respond to warnings 7.2 Loss of separation 7.3 Mid air collision
8	AIRPROX	8.1 Mid air collision 8.2 Loss of separation
9	Speed excursion (high or low)	9.1 Structural Exceedance of aircraft limits 9.2 Aircraft handling limits exceeded 9.3 Aircraft stall 9.4 Loss of control
10	Adverse weather	10.1 Structural Exceedance of aircraft limits 10.2 Lightning damage 10.3 Hail damage 10.4 Engine flame out 10.5 Failure of anti icing equipment 10.6 Degradation of flying characteristics due icing 10.7 Windshear 10.8 Turbulence
11	Pressurisation failure	11.1 Crew incapacitation 11.2 Failure of cabin oxygen supply 11.3 Failure of crew oxygen supply 11.4 Incorrect use of checklist 11.5 Driftdown altitude below MSA
12	Navaid failure	12.1 Unable to maintain RNAV compliance 12.2 Loss of precision approach ability 12.3 Loss of situational awareness
13	Holding	13.1 Loss of separation 13.2 Shortage of fuel 13.3 Insufficient terrain clearance
14	Inadequate airport facilities	14.1 Inadequate approach lights. 14.2 Inadequate approach aids 14.2 Runway surface unsuitable
15	LVP	15.1 Aircraft not LVP capable (unserviceable) 15.2 Crew not trained 15.3 Inadequate procedures 15.4 Inadequate on ground protections
16	ATC communications	16.1 Communications failure 16.2 Misinterpretation of ATC instructions 16.3 Poor RT discipline 16.4 Loss of positive control

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17	Passenger illness	17.1 Crew not trained 17.2 Insufficient first aid equipment
18	Crew incapacitation	18.1 Crew not trained 18.2 Single pilot operation
19	Crew performance	19.1 Crew fatigue 19.2 Crew distraction
20	Catering	20.1 Food incorrectly prepared 20.2 Crew not trained in food hygiene 20.3 Galley equipment not serviceable or suitable 20.4 Food poisoning Passengers 20.5 Food poisoning Flight deck 20.6 Food poisoning Cabin crew
21	Pax behaviour	21.1 Inappropriate behaviour 21.2 Smoking in Toilets
22	Wake Turbulence	22.1 Loss of aircraft control 22.2 Injury to passengers and/or crew