

Hazard no.	Revised on	Description	Specific nature of hazard	Prob	Severity	Result	Defences	Prob	Severity	Result	In place Y/N	Docu-mented	REF Documentation	Additional measures or comments
DEF-01		No instructions for boarding/disembarking with rotor turning and stopped	Passengers, staff who may be injured or even killed by the rotor blades	Remote	Hazardous	Unacceptable	Determination of instructions covering this type of manoeuvre. Compulsory briefing of the passengers before proceeding with the manoeuvre.	Improbable	Hazardous	Tolerable				
DEF-02		No vehicle instructions for access to the aircraft	Collision with aircraft due to not controlling the path	Occasional	Minor	Tolerable	Determination of instructions covering this type of manoeuvre. Training of staff in operating vehicle in traffic area.	Improbable	Minor	Acceptable				
DEF-03		No instructions for the use of the ground power units, preparation, towing, etc.	Collision with aircraft. Staff injured by burns, electric shocks or by the blades of the rotor in the absence of instructions on routes	Occasional	Major	Unacceptable	Determination of instructions covering this type of manoeuvre. Training of staff in the implementation of ground power unit, training of staff in towing and operating vehicle in traffic area.	Improbable	Major	Acceptable				
DEF-04		No ground marking showing the parking areas, taxiing areas and ensuring the minimum spacing between aircraft	Collision between aircraft, with staff or vehicles	Occasional	Major	Unacceptable	On and off the parking base, ensure that this type of marking and beacons exists. If not, before starting the flights, arrange a location and a route with the traffic area or platform manager.	Improbable	Major	Acceptable				
DEF-05		No fire rescue and safety (SSI) on the parking platform	No intervention possible on the aircraft in the event of a fire, no rescue of people	Occasional	Hazardous	Unacceptable	On and off the parking base, ensure that this type of service (or equivalent) exists.	Improbable	Minor	Acceptable				
DEF-06		No fire rescue and safety (SSI) on the work platform	No intervention possible on the aircraft in the event of a fire, no rescue of people	Occasional	Hazardous	Unacceptable	On and off the parking base, ensure that this type of service (or equivalent) exists.	Improbable	Minor	Acceptable				
DEF-07		No fire rescue and safety (SSI), or at least alert service, on the emergency procedures exercise area	No intervention possible on the aircraft in the event of a fire, no rescue of people in the event of an air accident	Occasional	Hazardous	Unacceptable	Ensure that this type of service (or equivalent) exists. For autorotations do not carry out complete autorotations. Engine pickup is compulsory.	Improbable	Minor	Acceptable				
DEF-08		No radio cover during flights (minimum alert service)	Delay in triggering the alert which may lead to a fatal outcome in the event of injuries to the staff or crew	Remote	Hazardous	Unacceptable	Ensure that this type of service (or equivalent) exists. For autorotations do not carry out complete autorotations. Engine pickup is compulsory.	Improbable	Hazardous	Tolerable				
DEF-09		No ELT in the aircraft	Delay in triggering the alert and detection of the aircraft which may lead to a fatal outcome in the event of injuries to staff or crew	Remote	Hazardous	Unacceptable	Equip the aircraft. If possible, provide individual ELT	Improbable	Hazardous	Tolerable				
DEF-10		Lack of rescue equipment or equipment poorly maintained (monitored), no staff qualified to...	Degradation of the survival ability of the occupants of the aircraft.	Remote	Hazardous	Unacceptable	Ensure that the company has this equipment, that it is listed, maintained by qualified staff and monitored, and correctly stored	Improbable	Minor	Acceptable				
DEF-11		Premises for the storage or maintenance of rescue equipment unsuitable	Degradation of the survival ability of the occupants of the aircraft.	Remote	Hazardous	Unacceptable	Ensure that the company has this equipment, that it is listed, monitored and maintained by qualified staff, and correctly stored	Improbable	Minor	Acceptable				
DEF-12		Crew not familiar with the preparation of the rescue equipment	Degradation of the survival ability of the occupants of the aircraft.	Remote	Hazardous	Unacceptable	Carry out regular briefings on the preparation of the equipment. Hold regular sessions providing information on the use of the equipment.	Improbable	Minor	Acceptable				
DEF-13		No pre-flight "safety" briefing to passengers	Reduced chances of correctly evacuating the aircraft in the event of a crash, then preparing the rescue equipment, thus reducing the chances of survival and awaiting rescue	Remote	Hazardous	Unacceptable	A pre-flight safety briefing for passengers must be held, specifying how to use the seatbelts, the emergency exits, the crash positions, the evacuation rules and how to use a life vest (if necessary)	Improbable	Minor	Acceptable				
DEF-14		Runway staff not trained or unfamiliar with the instructions to follow in the event of an accident	Delay in triggering the alert, decreased efficiency of the means of intervention, disorganisation in the rescue operation	Remote	Hazardous	Unacceptable	Hold regular sessions providing information on the subject.	Improbable	Minor	Acceptable				
DEF-15		No reaction sheets for the "actions to take in the event of an accident" on runway, at OPS, etc.	Delay in triggering the alert, decreased efficiency of the means of intervention, disorganisation in the rescue operation	Remote	Hazardous	Unacceptable	Put in place reaction sheets. Ensure that the staff know how to use them.	Improbable	Minor	Acceptable				
DEF-16		No regular crash exercises for the fire rescue and safety (SSI)	Delay in triggering the alert, decreased efficiency of the means of intervention, disorganisation in the rescue operation	Remote	Hazardous	Unacceptable	Put in place a schedule for the completion of such exercises	Improbable	Minor	Acceptable				

DEF-17	No Emergency Response Plan	Delay in triggering the alert, decreased efficiency of the means of intervention, disorganisation in the rescue operation, disorganisation in the company	Remote	Hazardous	Unacceptable	Put in place an emergency intervention plan. Test it with a major exercise before validating it.	Improbable	Minor	Acceptable			
DEF-18	No regular practice of safety exercises for the crew (such as HUET)	Reduction in the chances of survival for Remoteing an air accident	Remote	Hazardous	Unacceptable	Implement a training schedule for the crew members (flight crew + hold)	Improbable	Minor	Acceptable			
DEF-19	No regular briefing on accident/incident reports	No sharing of experiences, no opportunity to learn from others to find out whether we are protected from these dangers. No lessons learned...	Occasional	Minor	Tolerable	Organise regular briefings on these subjects. Organise a communication system for Remoteing staff to find out about reports and their recommendations. See whether the lessons and the activity may be concerned by these recommendations.	Remote	Minor	Acceptable			
DEF-20	No safety communication in the organisation	Failure to share information may lead to a latent unsafe condition not being detected	Occasional	Minor	Tolerable	Organise regular briefings on these subjects. Organise a communication system for Remoteing staff to find out about safety matters.	Remote	Minor	Acceptable			
DEF-21	No incident reporting system	Impossible to pass on information and correctly handle the incident. Impossible to implement the associated protective and corrective measures.	Occasional	Major	Unacceptable	Implement an incident reporting system. Train staff in incident/accident investigation techniques.	Remote	Minor	Acceptable			
DEF-22	No event reporting system, whether anonymous and confidential or not, allowing a problem to be reported	Impossible to pass on information and correctly deal with a potential accident cause. Impossible to implement the associated protective and corrective measures.	Occasional	Major	Unacceptable	Implement an event reporting system. Train staff in incident/accident investigation techniques and Human Factor maintenance.	Remote	Minor	Acceptable			
DEF-23	No system for following up the handling of incidents	No possibility of applying the appropriate corrective measures	Occasional	Major	Unacceptable	Complete the incident and event reporting system with a system for handling incidents ensuring protection and the application of the necessary corrective actions. Inform the declarant and the staff of the for Remote-up to these incidents.	Remote	Minor	Acceptable			
DEF-24	No safety policy ("just culture")	Drying up of the source of feedback, events, etc.	Occasional	Major	Unacceptable	Check that this concept is indeed present in the declaration of commitment by the accountable executive and the company safety policy. Check that the accountable executive applies this policy.	Remote	Minor	Acceptable			
DEF-25	No clear policy for fuel management during flight	Risk of unplanned detour during flight, engine flameout during flight due to lack of fuel	Remote	Hazardous	Unacceptable	Draw up a strict policy for determining the minimum fuel quantity to take on board for the types of flight concerned. Define a policy for fuel management during the flight.	Improbable	Negligible	Acceptable			
DEF-26	No instructions to avoid inadvertent entry to IMC	Need to establish limits to know when to turn back.	Remote	Hazardous	Unacceptable	Establish the minimum weather conditions for training flights.	Improbable	Hazardous	Tolerable			
DEF-27	No instructions on actions in the event of loss of visual reference	Once in IMC, loss of control in flight due to lack of procedures to manage this degraded situation, instrument flight rules and request rescue from air traffic bodies	Remote	Hazardous	Unacceptable	Determine a procedure for the actions in the event of an inadvertent entry to IMC. Check that the crews know this procedure.	Improbable	Hazardous	Tolerable			
DEF-28	No training (in flight or using simulator) in the loss of visual reference	Once in IMC, loss of control in flight due to lack of aptitude to recover from a degraded situation and instrument flight rules	Remote	Hazardous	Unacceptable	Put in place a simulator training program	Improbable	Hazardous	Tolerable			
DEF-29	No securing of the "sensitive areas" of the company	Permeability of safety measures. Possibility of malicious acts, terrorism.	Remote	catastrophic	Unacceptable	Positioning of physical barriers, doors, airlocks. Visitors must be accompanied. Certain premises must be inaccessible to "outsiders". Wearing of badge. Inform the Safety official of any suspicious behaviour. Storage of sensitive equipment in secure premises.	Improbable	Catastrophic	Tolerable			
DEF-30	No physical barriers to prevent entry to the manoeuvres area for staff, animals, vehicles, etc.	Permeability of safety measures. Possibility of malicious acts, terrorism. Risk of collision with the aircraft	Remote	Major	Tolerable	Implementation of physical barriers and signs prohibiting access. Implementation of routes for pedestrians and vehicles. Control of stray animals and the perils caused by birds.	Improbable	Major	Acceptable			
DEF-31	Lack of resources (human, material, financial, tools, spare parts, etc.)	Increase in the pressure on staff to complete their tasks and carry out missions. Reduction in the safety margins due to deadlocks reached. Customers not satisfied	Remote	Major	Tolerable	Commitment of the Accountable Executive to providing the resources and to not pressurising staff to complete the mission when they consider safety is at risk	Improbable	Major	Acceptable			

DEF-32	Personnel not wearing personal protective equipment	Personnel injured by shock, projection, burns, etc.	Occasional	Hazardous	Unacceptable	Obey the internal rules of procedure and the specific HSE instructions	Extr. improbable	Major	Tolerable				
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