

SMS Risk Matrix

RISK - Failure to maintain safe, compliant and reliable operations											
S E V E R I T Y						L I K E L I H O O D *					
3.29.18	Injury or Illness	Aircraft, Facility or Terrorism Event	Operational Compliance, Performance*	Damage, Fine or Loss of Revenue*	Damage to the Environment	EXTREMELY IMPROBABLE	IMPROBABLE	REMOTE	OCCASIONAL	FREQUENT	REPETITIVE
						Once in 10+ years	Once in 2-10 years	Once in < 2 years at	2-11 times per year	1-3 times per month at	4+ times per month
<u>CATASTROPHIC</u>	Multiple fatalities	Total loss of aircraft or facility	Potential threat to Operating Certificate	Damage, fines or loss of revenue >\$10,000	Massive environmental effect	4	4	5	5	5	5
<u>CRITICAL</u>	Single fatality or multiple overnight hospital admissions	NTSB accident or substantial loss of affected property	Regulatory /Company policy and/or procedure deviation with a critical impact on safety	Damage, fines or loss of revenue >\$5,000 - \$10,000	Critical environmental effect	3	3	4	5	5	5
<u>MAJOR</u>	Single overnight hospitalization	NTSB incident or accident, partial loss of a facility or a credible security threat	Regulatory /Company policy and/or procedure deviation with major reduction in safety margin	Damage, fines or loss of revenue >\$1,500 - \$5,000	Contained effect to the environment	2	2	3	3	4	4
<u>MINOR</u>	Medical treatment beyond first aid	NTSB incident or minor property damage	Regulatory/Company policy and/or procedure deviation with minor safety implication	Damage, fines or loss of revenue >\$500- \$1,500	Minor environmental effect	1	1	2	2	3	3
<u>NEGLECTIBLE*</u>	First aid treatment	Negligible incident or damage with extremely limited effect on safety	Regulatory /Company policy and/or procedure deviation with limited safety implication	Damage, fines or loss of revenue ≤\$500	Negligible environmental effect	1	1	1	1	2	2
<u>NO SAFETY IMPLICATION</u>	No safety implication	No safety implication	No safety implication	No safety implication	No safety implication	0	0	0	0	0	0

Actions Required					
Risk Level	Risk	Operational Impact	Minimum Action	Immediate Notification	Risk Acceptance and Mitigation Responsibility
5	Extreme	Stop the operation	Mitigation to level 4 or lower	Positions listed for risk level 4 plus Dean	Head of SATT
4	High	Operation permitted with execution of a high	Immediate mitigation and	Positions listed for risk level 3 plus Head of SATT	Head of SATT
3	Medium	Operation permitted	Mitigation strategy required	Program focal and Program Safety Manager	Director or above in area of risk
2	Low	Operation permitted	Monitor, consider actions to	Process owner in area of risk	Director or above in area of risk
1	Minimal	Operation permitted	N/A	N/A	Program focal
0	None	Operation permitted	N/A	N/A	Program focal

**Mitigation strategy shall be created no later than 30 days after Risk Level 3+ designation.