

Risk Assessment Matrix

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Severity				
Accident or Incident	Accident with serious injuries or fatalities, or significant damage to aircraft.	Serious incident with injuries and/ or substantial damage to aircraft.	Incident with minor injury and or minor aircraft damage	Incident with less than minor injury and/or less than minor system damage
Operational Events	State of emergency for an operational condition, impacting the immediate safe operation of an aircraft.(i.e. declared emergency, immediate air interrupt, high speed abort)	Condition resulting in abnormal procedures, impacting the continued safe operation of an aircraft. (i.e. special handling without declared emergency, enroute diversion, low speed abort)	Condition resulting in abnormal procedures with potential to impact safe operation of an aircraft. (i.e. battery charger failure, single source of electrical power, slat disagree)	Condition resulting in normal procedures with potential to impact safe operation of an aircraft.(i.e. false indications)
Airworthiness	Returning an aircraft to service and operating it in a non-standard, unairworthy, or unsafe condition.	Returning an aircraft to service and operating it in a non-standard or unairworthy but not unsafe condition.	Returning an aircraft to service in a non-standard, unairworthy or unsafe condition, not operated.	Affecting aircraft or systems reliability above established control limits but no affect on airworthiness or safety of operation of an aircraft.
Systems or Processes	Loss or breakdown of entire system, subsystem or process.	Partial breakdown of a system, subsystem, or process.	System deficiencies leading to poor dependability or disruption.	Little or no effect on system, subsystem or process.
OSHA	Willfull	Repeat	Serious	General/Other
Regulatory	Major Regulatory Deviation.	Moderate Regulatory Deviation.	Minor Regulatory Deviation.	Policy and/or Procedure Deviation.

* Item	
10 ⁻⁰	1 in 1
10 ⁻¹	1 in 10
10 ⁻²	1 in 100
10 ⁻³	1 in 1,000
10 ⁻⁴	1 in 10,000
10 ⁻⁵	1 in 100,000
10 ⁻⁶	1 in 1,000,000

Likelihood							
Specific or Individual Level*	Fleet or System	Audit Finding		I	II	III	IV
Probability of occurrence greater than 10 ⁻¹ in that life.	Likely to occur within 30 days.	Multiple findings during audit and found on previous audit	A	High	High	Serious	Moderate
Probability of occurrence less than 10 ⁻¹ but greater than 10 ⁻² in that life.	Probably will occur within 6 months.	Findings on this audit and previous audit	B	High	Serious	Moderate	Minor
Probability of occurrence less than 10 ⁻² but greater than 10 ⁻³ in that life	Possible to occur within 1 year.	Multiple findings during audit	C	Serious	Moderate	Minor	Low
Probability of occurrence less than 10 ⁻³ but greater than 10 ⁻⁶ in that life.	Unlikely, but possible to occur.	Single finding during audit	D	Moderate	Minor	Low	Low

Risk Assessment	Notification Requirements	Maximum time to initiate corrective action plan for a specific Finding or Event	Maximum time to initiate corrective action plan for Systemic Issue	Average time to initiate corrective action plan for all Findings or Events/Systemic Issues	Management Level to approve mitigation plan
HIGH	Immediate notification to: <ul style="list-style-type: none"> • The responsible Vice President • Vice President of SSE, • Director of Safety, • Applicable operational department Director(s) 	24 Hours	15 Days	N/A / 11 Days	Senior VP
SERIOUS	Immediate notification to: <ul style="list-style-type: none"> • The responsible Vice President • Vice President of SSE • Director of Safety • Applicable operational department Director(s) 	15 Days	30 Days	11 / 22 Days	VP
MODERATE	Notification of appropriate operational department Director(s).	30 Days	60 Days	30 Days	Board
MINOR	Requires notification of respondent.	30 Days	90 Days	60 Days	Working Group
LOW	Requires notification of respondent.	30 Days	90 Days	60 Days	Working Group