

**Risk Matrix**

Revision Date: 1 (9/19/2011)

		Likelihood				
		<u>EXTREMELY IMPROBABLE</u> Once in a Typical 35 Year Career, or Less Frequently, at AS/QX.	<u>IMPROBABLE</u> Once Every 2-10 years at AS/QX.	<u>REMOTE</u> Once every 1-2 years at AS/QX.	<u>OCCASIONAL</u> 1-12 Times a Year at AS/QX.	<u>FREQUENT</u> More Often than Once a Month at AS/QX.
<u>Severity</u>	<u>CATASTROPHIC</u> One of the following: Aircraft Accident Involving Numerous Fatalities. Damage, Fines and Loss of Revenue >\$5M. Potential for Corporate Failure. Massive environmental effect.	3	4	5	5	5
	<u>CRITICAL</u> One of the following: Aircraft Accident/Incident Involving Numerous Serious Injuries, or Single Fatality. Substantial Damage to Assets. Damage, Fines and Loss of Revenue \$1M-\$5M. Adverse Effect on Corporate Image. Major environmental effect.	3	3	4	5	5
	<u>MODERATE</u> One of the following: Moderate Aircraft Accident/Incident/Ground Damage. Limited Count of Serious Injuries. Moderate Damage to Assets. Damage, Fines and Loss of Revenue \$250K - \$1M. Significant reduction in safety margins with breakdown in process controls. Moderate Effect on Corporate Image. Contained effect to the environment.	2	2	3	3	4
	<u>MINOR</u> One of the following: Minor Aircraft Accident/Incident/Ground Damage. Limited Count of Minor Injuries. Minor Damage to Assets. Damage, Fines and Loss of Revenue \$15K - \$250K. Process breakdown with minimal reduction in safety margins. Limited Effect on Corporate Image. Limited environmental effect.	1	1	2	2	2 / 3
	<u>EXTREMELY LIMITED</u> One of the following: Damage to Assets Extremely Limited or Non-Existant. Medical Treatment for Injuries limited to first aid. Damage, Fines and Loss of Revenue \$0 - \$15K. Negligible Effect on Corporate Image or Insurance Costs.	1	1	1	1	1 / 2

<u>Risk Level</u>	<u>Minimum Actions Required</u>
5	<b>Extreme Risk</b> - Unacceptable. CEO and BODSC Notification Required. Operation is Ceased Until Risk is Mitigated to a Level 4 or Lower.
4	<b>High Risk</b> - Unacceptable, Although the Operation is Allowed to Continue while a High Priority, Systemic Mitigation Strategy is Carried Out. An immediate interim action must be carried out prior to a comprehensive fix. President/EVP/VP/MD and FAR Part 119 Designate Notifications Required. Mitigation Responsibility of VP's & Directors Until Level 3 is Achieved.
3	<b>Medium Risk</b> - Acceptable with Mitigation. Director Notification Required. Mitigation Strategy is Required. Mitigation Responsibility of Directors & Managers.
2	<b>Low Risk</b> - Acceptable. Requires Review by the Appropriate Authority. Local Action Items May be Assigned to Responsible Parties, but are Not Required. Continuing Analysis or Trending May be Appropriate to Accurately Monitor Risk.
1	<b>Negligible Risk</b> - Acceptable Without Further Action.
0	Reviewed, Has No Safety Implication, therefore Not Applicable