**Aviation Operator Risk Register Considerations related to Emergency Response Events**

Considerations presented by Sofema Online (SOL) [www.sofemaonline.com](http://www.sofemaonline.com)

**Introduction Operational Risk Register**

A **risk register** is a crucial part of your approach to managing these **risks**. It's a tool to help you identify, assess and record your **risks** and the actions you're taking to eliminate or minimise them.

**The Following Lists Considers Potential Hazards (Related to Emergency Response) which can be added to the Operational Risk Register for Evaluation.**

* Aviation Accident / Serious incident
* Disaster in the Premises: Fire, Explosion, Pollution, Flood
* Loss of the Working Resource: Workshop, Offices, Hangar, Aircraft
* Residual Impact of a disaster near or within the vicinity of the establishment
* Climatic events: Snow, Storm, Flood, Lightning
* Natural disaster: Earthquake, Volcanic eruption
* Food poisoning, Epidemic
* Death or Suicide at the Workplace
* Multiple victims connected to a disaster, illness or contagion
* Accident to the public transportation of the personnel
* Social movements: strike, blocking of the accesses
* Internal or external threat: attack, bomb alert, sabotage, terrorism,
* Loss of energy: electricity, gas

**Additional risks to be analysed include the following “Generic” issues**

* Limited or lack of management commitment – Management do not demonstrate support for the activity
* Lack of or incomplete description of roles, accountabilities and responsibilities
* Limited or lack of resource availability or planning, including required competence
* Lack of or ineffective policies
* Incorrect or incomplete procedures including instructions
* Lack of or Poor Management, Culture and or Manpower relationships
* Lack of or Ineffective Organizational Structure
* Poor organizational safety culture
* Lack of or ineffective safety management processes (including risk management, safety assurance, auditing, training and resource allocation)
* Lack or ineffective audit procedures

**Using the Risk Assessment Tool**

Use the example below or use the generic ICAO 5 x 5 Risk Matrix or to use the following as a tool to assess exposure by calculating the Event Risk Classification.

Step 1



Step 2



For each of the following items perform a risk assessment and ask the questions which help you determine the level of exposure which currently exists in your organisation by asking for each item the following 6 questions.

* Is this an issue in our organisation?
* If it is not considered an issue how can I demonstrate – where is the evidence?
* How can I measure the effectiveness of the current process?
* How effective is the documentation / training?
* If there are changes in this element how effective would the system accommodate the changes?

**What to Consider During the Analysis / Review Process**

Any of the following aspects can impact the level of exposure

* People – Competence – Knowledge – Training
* Critical infrastructure – Property
* Supply chain
* Organisations Business Systems & Equipment
* IT Systems and Information Technology
* Business Operations including Process & Procedures
* Reputation of the Organisation
* Maintaining Compliance Regarding Regulatory and Contractual Obligations
* Environment Aspects

**Impact and Vulnerability Considerations to be Factored During Assessment**

* Casualties
* Property damage
* Business interruption
* Loss of customers
* Financial loss
* Environmental contamination
* Loss of confidence in the organization
* Fines and penalties
* Lawsuits

**Next Steps**

For additional information related to Emergency Response please visit SAS Download Area

<https://sassofia.com/download-area/#airline-ops-emergency-response-program>

Sofema Online currently offers Emergency Response Training Support & Consultancy as Classroom and Webinar Training – with Online training forthcoming

For details please see www.sassofia.com or email team@sassofia.com