

Safety Management vs SMS?

“Safety Management” is a generic term

“SMS” refers to a specific framework of Safety Management activities

What is SMS?

1. A way of doing business – tailored to your unique organization...
2. ...where you do specific activities to align with the ICAO “Four Pillars” and its 12 Elements AND where you meet the specific requirements of whomever is asking (such as a certification standard or your customer’s SMS audit checklist).
3. ...and where your organization strives to build and maintain a positive and “just” safety culture

The Four Components (“Pillars”) and the 12 Elements that Comprise the ICAO SMS Framework

Black font is the SMS Component/Element and red font is the name of the tool in PRISM SMS that you would use to fulfill the required activities of that Element. Acronyms are defined on the second page.

1. Safety policy and objectives
 - 1.1 Management commitment and responsibility (in your SMS Manual in Safety Locker)
 - 1.2 Safety accountabilities (SMS Manual in Safety Locker)
 - 1.3 Appointment of key safety personnel (SMS Manual in Safety Locker)
 - 1.4 Coordination of emergency response planning (ERP Manual and SMS Manual in Safety Locker)
 - 1.5 SMS documentation (All PRISM ARMOR SMS Tools)
2. Safety risk management
 - 2.1 Hazard identification (RPT, Risk Factor Summary from FRAT/GRAT, IEP Findings)
 - 2.2 Safety risk assessment and mitigation (RPT, RAT, IEP Findings, Risk Matrix Tool)
3. Safety assurance
 - 3.1 Safety performance monitoring and measurement (SPTs/SPIs in Safety Locker and in ARGUS Safety IQ/Data Analytics)
 - 3.2 The management of change (Change List in Safety Locker, RA’s in RAT, RPT)
 - 3.3 Continuous improvement of the SMS (Assurance Checks in RPT, IEP and RAT)
4. Safety promotion
 - 4.1 Training and education (“Safety Materials” and “Training” menus, TQT and Safety Locker)
 - 4.2 Safety communication. (“Publishing” feature in RPT, IEP, FRAT, GRAT; “Read and Initial” in Safety Locker)

The Safety Risk Management (SRM) Process

1. Identify the consequence/cause(s) - (Safety Investigation + RCA)
2. Assess INITIAL risk based on severity and probability using a matrix
3. Develop controls / mitigations using the “Hierarchy of Controls”.
4. Assess RESIDUAL risk based on severity and probability using a matrix
5. Implement / Communicate / Follow Up (assurance check)



PRISM SMS Tools fully support the “Four Pillars of Safety Management” concept and SMS framework.



SAFETY POLICY

Safety Locker

Safety Materials

RISK MANAGEMENT

Reporting Program Tracker (RPT)

Flight Risk Analysis Tool (FRAT)

Ground Risk Analysis Tool (GRAT)

Risk Assessment Tool (RAT)

Company Risk Profile

Risk Matrix Tool

SAFETY ASSURANCE

Internal Evaluation Program (IEP)

Corrective Action Assurance Checks (IEP, RPT, RAT)

ARGUS Safety IQ

Read & Initial (Safety Locker)

Data Alerts

SAFETY PROMOTION

Safety Materials

Safety Locker

Training & Qualification Tracker (TQT)

Safety Training Elements

Publisher Function (Safety Locker, RPT, IEP, FRAT, GRAT)