

Risk Register Development - Examples of Criteria for Consideration

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Business Area or Element to Review

Management Considerations

- 1 Limited or lack of management commitment – Management do not demonstrate support for the activity
- 2 Lack of or incomplete description of roles, accountabilities and responsibilities
- 3 Limited or lack of resource availability or planning, including staffing
- 4 Lack of or ineffective policies
- 5 Incorrect or incomplete procedures including instructions
- 6 Lack of or poor management and labor relationships
- 7 Lack of or ineffective organizational structure
- 8 Poor organizational safety culture
- 9 Lack of or ineffective safety management processes (including risk management, safety assurance, auditing, training and resource allocation)
- 10 Lack or ineffective audit procedures
- 11 Lack of or limited resource allocation
- 12 Incorrect or incomplete or lack of training and knowledge transfer. (Note: Training should reflect the needs of the organization. (Accidents have shown that inadequate training is a hazard and may even lead to accidents.)
- 13 Unofficial organizational structures Note: These structures may be of a benefit but also may lead to a hazard.
- 14 Growth, strikes, recession or organizational financial distress Mergers or acquisition
- 15 Changes, upgrades or new tools, equipment, processes or facilities
- 16 Incorrect or ineffective shift/crew member change over procedures
- 17 Changes or turnover in management or employees
- 18 Informal processes (Standard Operating Procedures)

- 19 Lack of or poor or inappropriate materials/equipment acquisition decisions
- 20 Lack of, poor staffing recruitment/assignment (Note: Staff should be hired or assigned according to organizational needs but also according to their skills, qualifications and abilities. An employee with the wrong skill set can be a hazard. This includes management.

Related to Documentation Process and Procedures

- 21 Incorrect, poor or lack of internal and external communication including language barriers
- 22 Lack of, incorrect or incomplete manuals, or operating procedures (including maintenance)
- 23 Lack of, incorrect or incomplete employee duty descriptions
- 24 Lack of, incorrect, incomplete or complicated document update processes
- 25 Lack of, incorrect or incomplete reports and records
- 26 Lack of, incorrect or incomplete control of necessary documents for personnel (licenses, ratings, and certificates)

Related to Human Circumstances

- 27 Heart attack, Stroke, Kidney stone, Seizure
- 28 Nausea, Diarrhea, Carbon monoxide, Medication, Fatigue
- 29 Influenza, Upper Respiratory Tract Infection (TI), Urinary TI
- 30 Color vision, Visual field limitations, Mobility limitations, Colostomy bag, Hearing loss
- 31 Fatigue (lack of sleep), Alcohol and substance abuse, Medications, Complacency
- 32 Financial, Birth of child, Divorce, Bereavement, Challenging timelines, Inadequate resources
- 33 Inflight turbulence cabin crew injury, injury caused to personnel during ground aircraft operations or luggage handling
- 34 Jet lag, Paint shop, Solvents, Chemical/Biological exposures, Noise, Vibrations, Distractions
- 35 Human factors related to design, manufacturing, maintenance and operations.
- 36 Over saturation of digital information

Related to Flight Operations & Maintenance

- 37 Lack of or poor airworthiness verification
- 38 Lack of or poor verification of equipment and instruments necessary to a particular flight or operation
- 39 Lack of, incorrect or incomplete aircraft performance limitations verification

- 40 Lack of, incorrect or incomplete flight planning
- 41 Poor fueling processes
- 42 Lack of or poor aircraft dispatch or release
- 43 Lack of or poor maintenance release
- 44 Incorrect cargo loading and distribution
- 45 Improper or unauthorized hazardous materials carriage
- 46 Poor cargo and baggage stowage
- 47 Incorrect information on cargo or baggage loaded
- 48 Improper stowage of carry-on baggage
- 49 Improper weight and balance calculations
- 50 Use of obsolete documents
- 51 Absence of or incorrect flight and cabin crew manuals or charts on board
- 52 Improper response to flight route changes
- 53 Lack of, or poor crew resource management
- 54 Lack of or poor flight following
- 55 Improper execution of procedures in all flight phases
- 56 (including taxiing and parking)
- 57 Inadequate or complicated procedures
- 58 Equipment and instruments necessary for a particular flight or operation not available or malfunctioning
- 59 Lack of, or poor communication (ATC, ramp, maintenance, flight Ops, cabin, dispatch, etc.)
- 60 Language barriers (Multiple languages)
- 61 Poor HVAC (heating, ventilation, and air conditioning)
- 62 Noisy work environment
- 63 Lack of, or poor Lighting
- 64 Poor facilities (inadequate space, equipment or infrastructure)
- 65 Lack of, or poor maintenance release

- 66 Lack of, or poor maintenance programs (Including imprecise maintenance data or transcription errors when creating job-cards)
- 67 SUPS (Suspected Unapproved Parts)
- 68 Maintenance movement of aircraft/run-ups
- 69 Lack of, or poor communication (ATC, ramp, flight Ops, cabin, dispatch, etc.)
- 70 Language barriers in maintenance teams (Multiple languages)