2021 SM4 Online Safety Learning Management System

Table of Contents

AirCrew Academy Learning Plan

Module 1 - Introduction to Runway Excursion (15 minutes)
- Know about the various business aviation runway excursions in recent years
- Identify leading causal factors in runway excursions
- State the top three focus areas to prevent a runway excursion

Module 2 - Stabilized Approach (15 minutes)
- Identify key issues of an un-stabilized approach
- Understand why Failure to Go-Around is the number one risk factor approach and landing accidents
- Review a high-profile runway excursion and the final NTSB report analysis
- Know the Go-Around Decision-Making and Execution Project's summary of recommendations
- Review the recommendations for profile, configuration, energy, and general guidelines

Module 3 -Wet or Contaminated Runways (15 minutes)
- Understand why wet or contaminated runways are a leading causal factor in runway excursions
- Review runway excursions during 2019 and 2020 that occurred on wet or contained runways
- Know the FAA recommendations
- Know the impact of not grooved and non PFC runways

Module 4 -Winds (15 minutes)
- Know that crosswind or tailwind are causal factors in runway excursions
- Review a runway excursion incident

Advanced Aircrew Academy - Final Assessment

AJ O'Connor Learning Plan

Module 1 - Understanding Emotional Intelligence Part 1 (15 minutes)
- Explain what emotional intelligence means
- Identify your current emotional intelligence strengths and development needs
- Outline how our brains process emotion
- Describe the primary drivers of emotional intelligence

Module 2 - Understanding Emotional Intelligence Part 2 (10 minutes)
- Identify and recognize the four primary Emotional Intelligence (EI) drivers

Module 3 - Building Self-Awareness (10 minutes)
- Identify four self-awareness skill builders
- Describe how to improve your levels of self-awareness
- Outline the benefits of being more self-aware

Module 4 -Strengthening Self-Management (10 minutes)
- Identify four self-management skill builders
- Describe how to improve your levels of self-management
- Outline the benefits of better self-management

Module 5 - Strengthening Social Skills (10 minutes)
- Identify four social skill builders
- Describe how to improve your levels of social-skills
- Outline the benefits of better social-skills

AJ O'Connor - Final Assessment

Baldwin Learning Plan

Module 1 - Safety Manager Training (10 minutes)
- Recognize the importance of SMS
- Define why we have SMS

Module 2 - SMS (10 minutes)
- Define what SMS is
- List the safety objectives of our organization

Module 3 - SMS Component Safety Risk Management (10 minutes)
- Properly identify a hazard
- Analyze and mitigate hazards

Module 4 - Safety Assurance (10 minutes)
- Analyze data regarding safety assurance
- Implement and manage change

Module 5 - Safety Promotion (10 minutes)
- Cultivate a safety culture within the organization
- Promote safety and feedback amongst employees

Module 6 - What Is Just Culture? (10 minutes)
- Manage human error
- Define the three types of behavior choices made by employees

Baldwin - Final Assessment

Convergent Learning Plan

Module 1 - Introduction to the Blue Threat (10 minutes)
- Define the Blue Threat
- Explain the important concepts the of Blue Threat approach to Excellence

Module 2 - Recognition of Error Types (5 minutes)
- Recognize personal errors in the absence of negative consequences

Module 3 - Getting Back Inside the Lines (10 minutes)
- Recognize the four reasons for noncompliance

Convergent - Final Assessment

Fireside Learning Plan

Module 1 - The Top Ten in the First Six Part 1 (10 minutes)
- Explain what a crisis situation is
- List the steps required to respond to the crisis
- Describe the steps required to respond to crisis

Module 2 - The Top Ten in the First Six Part 2 (10 minutes)
- List what steps to take to gain a greater awareness of the crisis
- Prioritize actions required to mitigate the crisis as much as possible
- Structure a stabilization and long term response strategy

Fireside - Final Assessment

Global Aerospace Learning Plan

Module 1 - History of Aviation Insurance (10 minutes)
- Describe the evolution of aviation insurance
- Summarize the lineage of Global Aerospace

Module 2 - Types of Aviation Insurance (6 minutes)
- Identify the main types of aviation insurance
- Describe what each type of aviation insurance covers

Module 3 - Certificates of Insurance (10 minutes)
- Describe different types of Certificates of Insurance
- Explain why Certificates of Insurance are required

Global Aerospace - Final Assessment

MedAire Learning Plan

Module 1 - Introduction to Travel Risk Management (7 minutes)
- Describe what travel risk management is and what it covers
- Identify potential travel risks
- Identify questions you should ask yourself to ensure you are prepared

Module 2 - Flight Department and Travel Risk Management (5 minutes)
- Describe how the Flight Department's risk management works within the company's overall travel risk management program
- Identify considerations which must be made in relation to risk management by both corporate travel and Flight Departments

Module 3 - Aviation-Specific Travel Risk Management (12 minutes)
- Identify and describe the three points of intervention
- Describe the benefits of a good travel risk management program
- Summarize the questions you should ask yourself to ensure risk is mitigated

MedAire - Final Assessment

Prevailance Learning Plan

Module 1 - Introduction to Loss of Control – Inflight (10 minutes)
- State important facts about loss of control inflight
- Explain how Automation and Technology have made it so easy for pilots to fly
- Explain the concept of the operating envelope

Module 2 - Improving the Pilot Training Paradigm with On-Aircraft Training (10 minutes)
- The current pilot training paradigm
- Stats that show the current paradigm is not working
- The changes that will improve safety
- Methods for making those changes

Module 3 - Pilot Startle - Defined and Mitigated (10 minutes)
- Define 'surprise' and 'startle'
- Mitigate the effects of the 'startle' response

Prevailance Aerospace - Final Assessment

Pulsar Learning Plan

Module 1 - The Science of Fatigue (15 minutes)
- Identify what fatigue is
- Explain what causes fatigue

Module 2 - Operational Fatigue Risk (10 minutes)
- Define the causes of fatigue
- Mitigate the effects of fatigue using a comprehensive fatigue risk management system

Module 3 - Fatigue Risk Management (10 minutes)
- Define common patterns of fatigue
- Utilize a fatigue risk management program to combat the effects of fatigue

Module 4 - Fitness For Duty (10 minutes)
- Define fitness for duty as a shared responsibility
- Use the Psychomotor Vigilance Test (PVT) to test your levels of fatigue-induced impairment

- *Pulsar Informatics - Final Assessment*

Fire Safety Course
- Outline the combustion process, fire classifications and common hazards at work
- Define the elements of a proper emergency action and fire prevention plan
- Recognize evacuation exit routes throughout the building and procedures for evacuation
- Summarize the requirements for exit routes and doors
- List the classes of fire extinguishers and the types of fires they can properly extinguish
- Describe the requirements for proper maintenance of portable fire extinguishers
- Understand the basic use of a fire extinguisher and describe PASS
- Discuss firefighting decision criteria and describe RACE