Each Maintenance/Safety training program consists of customer-selected subjects from the list below. Each course is a comprehensive learning program covering the listed topics in each area with individual course examinations drawn from all assigned material testing student retention. Subjects include a mixture of interactive tutorials and text-based lessons, culminating in a final exam. Each course also includes administrator access to online record keeping in order to track and monitor individual progress. All maintenance and safety programs are designed to meet OSHA safety training requirements.

14 CFR PART 145
- Subparts A and B - General
- Subparts C and D - Facilities, Equipment, Materials, Data and Personnel
- Subpart E - Operating Rules
- Operations Outside the United States

14 CFR PART 43
- 43.1-16 - Maintenance and Inspection of Aircraft
- 43.17 - Maintenance and Inspection of U.S. Aircraft in Canada
- Appendices A-F

BACK INJURY PREVENTION
Tutorial - Back Injury Prevention
  - Introduction
  - Causes
  - Prevention

Lessons
  - Back Injury Prevention Lessons

BLOODBORNE PATHOGENS
Tutorial - Bloodborne Pathogens
  - Bloodborne Diseases
  - Modes of Transmission
  - Personal Protective Equipment
  - Workplace Practices
  - Signs, Labels and Color Coding
  - Emergency Procedures
  - Hepatitis B Vaccinations

Lessons
  - Bloodborne Pathogens Lessons

FLAMMABLE AND COMBUSTIBLE LIQUIDS
Tutorial - Flammable and Combustible Liquids
  - Introduction
  - Causes of Liquid Fire
  - Identifying Hazardous Liquids
  - Handling and Use
  - Storage and Transportation
  - Handling Hazardous Waste

Lessons
  - Flammable and Combustible Liquids Lessons

FORKLIFT OPERATION
Tutorial - Forklift Operation
  - Introduction
  - Definitions
  - Stability of Forklift Trucks
  - Safety Features
  - Operation

Lessons
  - Forklift Operation

GROUND HANDLING AGENTS
HAZMAT - WILL CARRY OR WILL NOT CARRY
Tutorial - Label Identification
  - Introduction
  - Class 1
  - Class 2
  - Class 3
  - Class 4
  - Class 5
  - Class 6
  - Class 7
  - Class 8
  - Class 9
  - Miscellaneous Labels, Placards, and Markings

Tutorial - Security Awareness
  - Introduction and Regulatory Requirements
  - Recognizing Security Threats
  - Responding to Security Threats

Lessons
  - General Philosophy
  - Limitations
  - General Requirements for Shippers
  - Classification
  - List of Hazardous Materials
  - General Packing Requirements
  - Labeling and Marking
  - Hazardous Materials Transport Document and Other Relevant Documentation
  - Acceptance Procedures
  - Recognition of Undeclared Hazardous Materials
  - Storage and Loading Procedures
  - Pilot's Notification
  - Provisions for Passengers and Crew
  - Emergency Procedures
  - Security Awareness
HAZARD COMMUNICATION
Tutorial - Hazard Communication
  Introduction
  Definitions
  Hazard Determination
  Written Hazard Communication Program
  Labels And Other Forms Of Warnings
  Material Safety Data Sheets

Lessons
  GHS Overview and Requirements
  Determination of Hazards
  Pictograms
  Safety Data Sheets

HEARING CONSERVATION
Tutorial - Hearing Conservation
  Introduction
  Effects of Noise
  How Your Hearing Works
  Hearing Loss and Testing Requirements
  Hearing Protection

Lessons
  Hearing Conservation Lesson

HEARING, EYE, AND FACE PROTECTION
Tutorial - Hearing Eye and Face Protection
  Hearing Protection
  Eye and Face Protection

Lessons
  Eye and Face Protection
  Hearing Protection

INDUSTRIAL ERGONOMICS
Tutorial - Industrial Ergonomics
  Signs and Symptoms of Musculoskeletal Disorders
  Workplace Hazards and Risk Factors for MSDs
  Methods for Controlling Risk Factors

Lessons
  Industrial Ergonomics

LOCKOUT-TAGOUT
Tutorial - Lockout-Tagout
  Applicability and Definitions
  Energy Control Program
  Protective Materials and Hardware
  Periodic Inspection
  Training and Curriculum
  Application of Control

Lessons
  Lockout-Tagout Procedures

MAINTENANCE HUMAN FACTORS (IA Renewal Course)
Tutorial - Maintenance Human Factors
Course ID# C-IND-IM-170412-K-010-002
  Background
  The Basics
  Human Factors in Maintenance
  Human Factors And The Error Chain
  Situational Awareness
  Effective Communication

Lessons
  Human Factors Lessons

MAINTENANCE LADDER SAFETY
Tutorial - Ladder Safety
  Ladder Safety

Lessons
  Maintenance Ladder Safety Lessons

MEDICAL SERVICES AND FIRST AID TRAINING
Tutorial - Medical Services and First Aid Training
  Why Learn First Aid?
  First Aid Basics
  Fractures, Sprains, and Strains
  Wound Care
  Life-Threatening Conditions
  CPR and AEDs
  Other Injuries and Illnesses
  First Aid Reminders

Lessons
  CPR
  AED
  First Aid - Basics
  First Aid - Bleeding, Wounds, and Burns
  First Aid - Poison, Bites, and Stings
  First Aid - Serious Illnesses and Injuries

PERSONAL PROTECTIVE EQUIPMENT
Tutorial - Personal Protective Equipment
  Introduction
  When And What To Wear
  Adjusting And Wearing Your PPE
  The Limitations Of PPE
  Proper Care And Storage

Lessons
  Personal Protection Equipment

PORTABLE FIRE EXTINGUISHERS
Tutorial - Portable Fire Extinguishers
  General Description
  Anatomy of a Fire
  Classes of Fire
  Types of Fire Extinguishers
  Using a Fire Extinguisher
  Basic Procedures
  Toxic Fume Hazards
  Transportation Requirement
  Current Regulatory Standards

Lessons
  Portable Fire Extinguishers Lessons
PPE- RESPIRATORY PROTECTION
Tutorial - Respiratory Standard
- Why Use Respirators?
- Types of Respirators
- Proper Use of Respirators
- Fit Testing and Inspection
- Maintenance and Storage
- Improper Use, Limitations, and Hazards
- Respirator Use in Emergencies

Lessons
- Proper Respirator Use and Potential Hazards
- Respirator Donning, Doffing, and Seal Checks
- Respirator Inspections and Fit Tests
- Respirator Use in Emergencies
- Why Use Respirators

SLIPS, TRIPS, AND FALLS
Tutorial - Slips Trips and Falls
- Introduction
- Causes

Lessons
- Slips, Trips, and Falls Lessons