

RESPOND TO AVIATION INCIDENT GENERAL

“Prepare. Respond. Protect. Aviation Safety Starts on the Ground.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

Introduction

This course equips emergency responders with the essential knowledge and operational skills needed to respond effectively to general aviation incidents. From aircraft crash response to passenger evacuation and aviation-specific hazards, the course prepares participants to handle both minor and major aviation emergencies in line with ICAO and IATA response frameworks.

Objectives

- By the end of this course, participants will be able to:
- Understand aviation-specific risks, crash dynamics, and incident types
 - Respond quickly and safely to fixed-wing and rotary aircraft emergencies
 - Execute coordinated rescue and firefighting operations
 - Secure and control the incident scene to prevent secondary hazards
 - Apply aviation incident communication protocols
 - Support aircraft evacuation, casualty handling, and evidence preservation

Why Attend

- Strengthen your emergency preparedness for aviation incidents
- Gain ICAO/IATA-compliant training in airside response
- Understand aircraft structure and hazard zones
- Develop confidence to lead or support aviation crisis situations

Target Audience

- Fire and rescue teams (including airport fire brigades)
- Emergency response personnel at airfields or heliports
- Security forces and airside operations teams
- Industrial or offshore aviation support staff
- Civil defense and disaster management authorities

Individual Benefits

- Become certified in aviation incident response
- Learn to manage both on-airport and off-airport incidents
- Improve crisis leadership, coordination, and safety
- Open opportunities in specialized airport/emergency services roles

Organizational Benefits

- Enhance your organization's ability to handle aviation emergencies
- Reduce aircraft incident response time and casualty rates
- Strengthen inter-agency coordination and regulatory compliance
- Minimize operational downtime after airside disruptions

Instructional Methodology

- Classroom instruction and scenario-based discussion
- Practical equipment demonstrations and PPE usage
- Aircraft mock-up drills and emergency simulations
- Multimedia case studies and incident critique sessions
- Daily assessments and live evaluations

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Aviation Incident Response

- **Module 1:** Understanding Aviation Incidents and Risk Profiles (07:30 – 09:30)
- **Module 2:** Aircraft Types, Components, and Hazard Zones (09:45 – 11:15)
- **Module 3:** Regulatory Standards – ICAO, IATA, and Local Protocols (11:30 – 01:00)
- **Module 4:** Crash Site Characteristics and Scene Safety (02:00 – 03:30)

Day 2: Airside Operations and Initial Response

- **Module 1:** Aircraft Firefighting – Fuel Types, Fire Behavior, and Suppression Tactics (07:30 – 09:30)
- **Module 2:** Accessing and Securing the Aircraft (09:45 – 11:15)
- **Module 3:** Emergency Aircraft Systems – Doors, Egress, and Rescue Hazards (11:30 – 01:00)
- **Module 4:** Drill – Response to Light Aircraft Crash (02:00 – 03:30)

Day 3: Rescue and Medical Support at Crash Sites

- **Module 1:** Triage and Casualty Management in Aviation Settings (07:30 – 09:30)
- **Module 2:** Evacuation and Victim Extraction Techniques (09:45 – 11:15)
- **Module 3:** Coordination with Paramedics and Emergency Medical Services (11:30 – 01:00)
- **Module 4:** Simulation – Aircraft Passenger Rescue Exercise (02:00 – 03:30)

Day 4: Scene Management and Multi-Agency Response

- **Module 1:** Incident Command System (ICS) for Aviation Emergencies (07:30 – 09:30)
- **Module 2:** Communication, Reporting & Liaison with Civil Aviation Authority (09:45 – 11:15)
- **Module 3:** Evidence Preservation and Coordination with Accident Investigation Teams (11:30 – 01:00)
- **Module 4:** Tabletop Exercise – Large-Scale Airport Incident (02:00 – 03:30)

Day 5: Final Evaluation & Live Simulation

- **Module 1:** Live Drill – Multi-Vehicle Response to Aircraft Incident (07:30 – 09:30)
- **Module 2:** Peer Debrief and Incident Review (09:45 – 11:15)
- **Module 3:** Final Written Assessment (11:30 – 01:00)
- **Module 4:** Certification Ceremony and Wrap-Up (02:00 – 03:30)

Certification

Successful participants will be awarded the **Certificate of Competence in Aviation Incident Response – General**, endorsed by international aviation safety and emergency standards (ICAO, IATA, NFPA 402).

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