



# Aircraft Turnaround Coordination and Loading Supervision with RampVR™



Classroom and In-Company Course (4 days/32 hours)

Lead your ramp team in the consistent servicing and turnaround of multiple aircraft types. Learn the essential technical procedures for aircraft handling and loading to optimize the use of ground service equipment and manpower. In this 5-day course you will also learn how to build a safety culture and ensure consistent on-time performance (OTP). Included in this course is RampVR™, the latest “plug-and-play” virtual reality training solution for ground operations.

RampVR™ is designed for ground operations professionals, and combines high-spec virtual reality hardware and software with IATA training. RampVR™ complements the theoretical knowledge with effective practical training in a very realistic environment, without disrupting active operations on the ramp. It allows you to generate a variety of scenarios or aircraft turnaround inspections featuring operational issues, damage or foreign object debris to enhance training. It also simulates day and night operations as well as adverse weather conditions and includes pause and review “operations” so details can be checked or explained.

## Objectives

Upon completion of this course you will be able to:

- Manage the off-loading/ loading procedures of aircraft
- Manage the full turnaround of aircraft, coordinating resources and processes
- Apply best practices to be safe, punctual and commercially successful in turnaround services
- Understand and apply the safety and punctuality aspects of loading operations
- Design and offer consistent services according to widely accepted IATA Airport Handling Manual (AHM) and IATA Ground Operations Manual (IGOM) standards
- Take a leading role in your ramp team

## Target audience

- Ground handling managers and supervisors
- Station supervisors
- Ramp and turnaround coordinators
- Loading supervisors and load controllers

## Recommended level

- Professional and Management

## Key topics

- Airside and ramp safety
- Aircraft handling operations
- Aircraft movement
- Turnaround plan
- Aircraft loading functions
- Load control functions
- High efficiency factors

## Activities

- RampVR™ training

## Prerequisites

Participants should have prior knowledge of:

- Airport operations

## Supporting materials

IATA Ground Operations Manual (IGOM)

*The IGOM Software Web Download (Single User License) represents a value of USD155 included in the price of this course! Please check the system requirements*

## Certificate awarded

An **IATA Certificate** is awarded upon successful completion of the course and final examination.

You can also apply this course towards an IATA Diploma in Ground Operations



# Aircraft Turnaround Coordination and Loading Supervision with RAMPVR™



## Course schedule

### Module 1

---

- **Airside and ramp safety**
  - Airside safety supervision and risk assessment
  - Ramp safety regulations
  - Hazards and human factors
- **Aircraft handling operations**
  - Ground service equipment types and operations
  - Aircraft fueling interface
  - Ramp to cockpit communications
  - Emergency and severe weather situations

### Module 3

---

- **Aircraft loading functions**
  - Designation of aircraft holds, bays and cabin
  - Loading, unloading, securing, build up, tagging
  - Inspection of aircraft damage
- **Load control functions**
  - Aircraft structural loading limitations
  - Standard weights, weight control and load
  - Interpreting the LDM and CPM
  - Calculating deviations on the load sheet

### Module 5

---

- **Hands on training in Virtual Reality environment with actual ramp and turnaround inspection of aircraft:**
  - Wide body and Narrow body
  - Airbridge and remote stand
  - Day and night ops
  - Clear and low visibility conditions

### Module 2

---

- **Aircraft movement**
  - Pre- and post-arrival inspections, procedures
  - Pushback and towing operations
  - Marshalling
  - Aircraft movement messages and delay codes
- **Turnaround plan**
  - Pre-flight duties
  - Sequential and critical path activities
  - Disruptions and difficult working conditions

### Module 4

---

- **High efficiency factors**
  - Fulfilling Service Level Agreements
  - Teamwork, communication and culture

This course can be customized for your company and delivered at the location of your choice.  
Request in-company training

---

Contact us for more information: [www.iata.org/training-contact](http://www.iata.org/training-contact)  
Register: [www.iata.org/training/courses/pages/tapg40.aspx](http://www.iata.org/training/courses/pages/tapg40.aspx)