

FLIGHT AND CABIN CREW

Better than a training : a Skillset



AIR FORMATION



+24

Years of
expertise

36

Employees

+780

customers

1622

Onsite
Training
courses
delivered

Turnover

3,7M€

98%

customer
satisfaction

25K

trainees /
year

AIR FORMATION by the numbers (As of 2024)

CLOSER TO TAKE YOU FURTHER ✈️



Better than a training : a Skillset

With **two decades of expertise**, our company has risen to the pinnacle of **excellence** in **aeronautical training**, establishing itself as an undeniable cornerstone in qualifying professionals for the global aviation industry. Strategically located in **Toulouse/Blagnac**, at the very heart of the European aerospace sector, we leverage resources and expertise to provide our trainees with the most immersive experience possible.

We specialize in the following training areas:

For manufacturers, airlines, schools, and military organizations:

AIR OPS, PART 147, PART 145, PART CAMO, PART 21, EMAR, Safety Training, SMS, Human Factors, Competency Evaluation, Technical Aeronautical English, EWIS, CDCCL, and more.

For flight crew personnel:

CRM, Safety and Survival Training (Fire and Smoke Fighting, First Aid, Evacuation, etc.), and Hypoxia.

For Aircraft Maintenance Technicians:

EASA PART 66 B1/B2 License and EASA PART 147 Type Ratings.

In addition to our proximity to Toulouse Airport, Air Formation extends its reach to **French Polynesia, Senegal, and Casablanca**, showcasing our international commitment to aeronautical training.

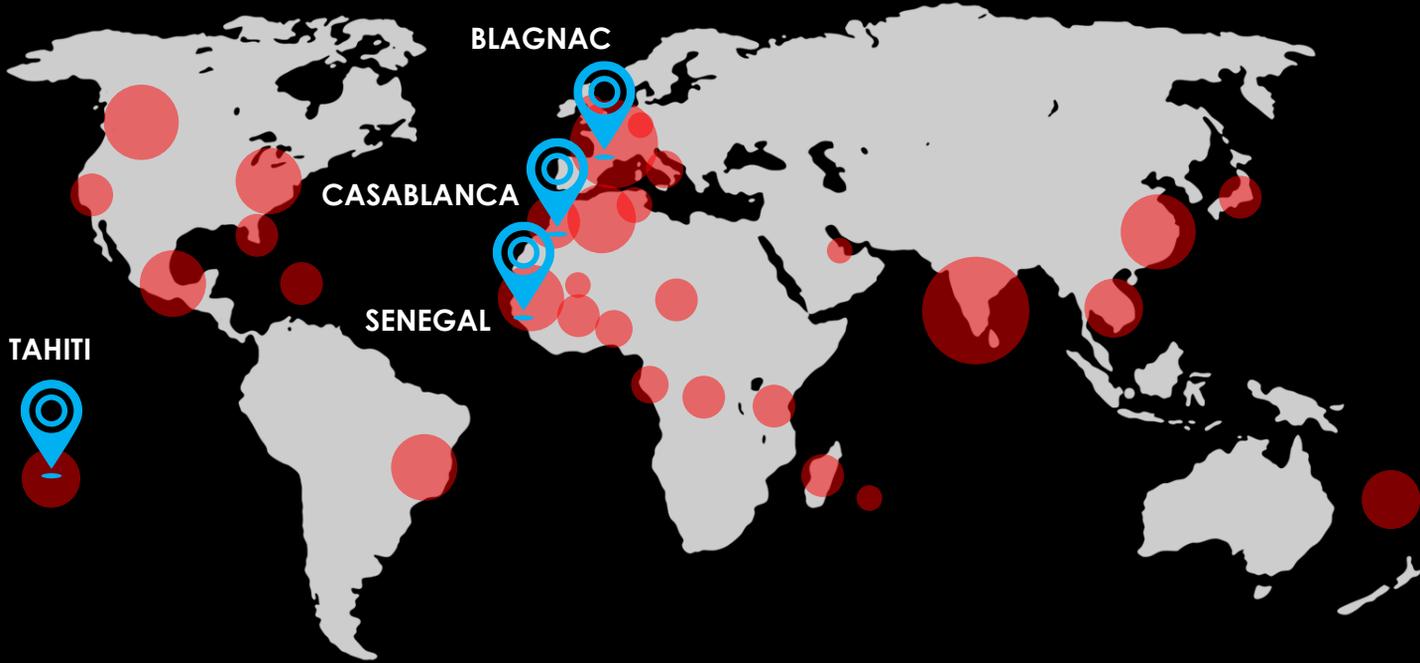


CLOSER TO TAKE YOU FURTHER ✈️



AN INTERNATIONAL PRESENCE

AIR FORMATION confirms its presence in over 32 countries worldwide through its methods and solutions. AIR FORMATION also operates 4 centers to accommodate its trainees.



CERTIFICATIONS



EASA
European Aviation Safety Agency





AAC
AUTORITE DE L'AVIATION CIVILE
RDC





ICAO



GIPAG
FRANCE



NCAA
NIGERIAN CIVIL AVIATION AUTHORITY

Qualiopi
processus certifié

■ RÉPUBLIQUE FRANÇAISE

Délivrée par **ATALMA**
CERTIFICATION

CAMPUS DES MÉTIERS ET DES QUALIFICATIONS
Aéronautique et Spatial Occitanie



dgac
Direction Générale de l'aviation civile

La certification qualité a été délivrée au titre de la catégorie d'action suivante :

- ACTIONS DE FORMATION



ADAPTIVE LEARNING

A training program tailored to your skills through assessment and training program

- Safety Training (SMS) and Human Factors (HF)
- EASA PART 21G and PART 145 regulations
- Fuel Tank Safety & CDCCL
- EWIS – Electrical Wiring Interconnection Systems
- ESET – Emergency and Safety Equipment Training
- Personalized assessment development



MAYDAY MAYDAY MAYDAY (ORO.FC / ORO.CC)

Live a world class training experience !

- ESET – Emergency and Safety Equipment Training
- SEP – Safety Equipment & Procedures
- CRM Trainer – Crew Resource Management
- TOP – Mental Preparation
- AIR OPS and ETOPS Regulation
- Fire-fighting and smoke practical training
- Survival and Wet drills training
- Hypoxia
- Crisis Management and communication



TRAIN THE TRAINER

A crucial role in your organization to share, transfer, support, train, and evaluate your staff

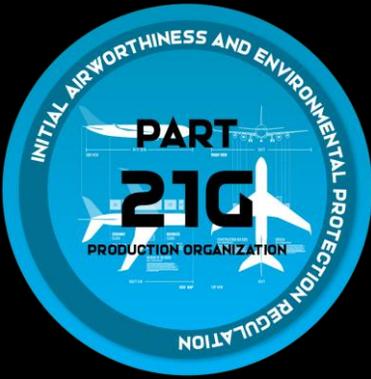
- Initial pedagogy training
- Safety Training & SMS Instructor
- CBT / EBT (Competency & Evidence-Based Training) techniques
- NITS / Pointing and Calling / TOP techniques
- Instructor's educational toolkit (FH, CRM, EWIS, FOD, SMS, etc.)



MANAGEMENT SYSTEM AND SMS

Discover all the secrets of the SHELL, BOW TIE, and HFACS models

- Management System, Compliance Monitoring, Risk Management
- SMS Safety Manager
- Safety Investigation Techniques and Root Cause Analysis Methodologies
- Safety Culture, Just Culture, and Positive Safety Culture
- Safety Action Group - SMS Relay
- PART IS - ISMS



PRODUCTION ORGANIZATION (POA)

Initial Airworthiness and Environmental Protection (Regulation (EU) No 748/2012)

EASA PART 21G & APMS Regulations
Safety Training (SMS) and Human Factors (HF)
Audit Conduct Training
Safety Management System (SMS)
Safety Culture Training
F.O.D - The Risk of Foreign Object Damage/Debris
Understanding the Use of Your Manufactured Products



CONTINUING AIRWORTHINESS MANAGEMENT ORGANIZATION (CAMO)

Continuing Airworthiness (Regulation (EU) No 1321/2014)

EASA PART M, ML, and CAMO Regulations
Safety Training (SMS) and Human Factors (HF)
Audit Conduct Training
Safety Management System (SMS)
General Familiarization with Airbus A320, Boeing 737, ATR, PC-6, C510
Knowledge of Maintained Products
Fuel Tank Safety & CDCCL / EWIS



MAINTENANCE, REPAIR AND OVERHAUL ORGANIZATION (MRO)

Continuing Airworthiness (Regulation (EU) No 1321/2014)

Safety Training (SMS) and Human Factors (HF)
EASA PART 145 & APRS Regulations
CAA UK / CCAR 145 / 14 CFR Regulations
Audit Conduct Training
SMS – Safety Manager – Investigations – Safety Action Group
Fuel Tank Safety & CDCCL / EWIS
OJT Tutor / Evaluator
Competency Assessment GM2 145.A.30(e)



EUROPEAN AVIATION MILITARY REQUIREMENTS

Military and State Aircraft Airworthiness
Safety Training (SMS) and Human Factors (HF)
Aviation Regulation EMAR 21G
Aviation Regulation EMAR FR 145
Audit Conduct Training
Fuel Tank Safety & CDCCL / EWIS
OJT Tutor / Evaluator
Competency Assessment GM2/FR 145.A.30.e



EASA PART 66 B1/B2 LICENCE

Aircraft Maintenance Engineers EASA PART 66

Ab-initio Training: 2,400 hours (Tahiti / Senegal)

B1.1 – Turbine Engine Aircraft

B1.2 – Piston Engine Aircraft

B1.3 – Turbine Engine Helicopters

B2 – Avionics

Examination Centers : Blagnac / Istres / Casablanca / Thiès / Tahiti



EASA PART 147 TYPE RATINGS

PT6A Engines

De Havilland DHC-6

Beechcraft 90, 200, 300, 1900

Cessna Caravan C208

Daher TBM / Kodiak

Diamond DA 40/42

HSI – Hot Section Inspection / Boroscopy

Proline / Proline Fusion / APEX



AIRPORT SAFETY

Safety begins on the ground

Airside Safety / Marshalling

SMS – Safety Management System

Aircraft Parking and Standard Hand Signals

Aircraft Towing

Deicing / Anti-icing

Dangerous Goods

AFIS English – Aeronautical Themes

FDA – Aeronautical Data Provider

GRF – Global Reporting Format



SPACE RENTAL

Experience a unique environment 100% dedicated to aviation for hosting your workshops, meetings, seminars, events, team-building activities, and more

VIP Cabin Airbus A340

CLOUD Lounge with rooftop and 360° view

JFK Space equipped with Circle videoconferencing system

A380 Room – Exams – Conferences – Recruitment

Airbus A320 / A350 Simulator



AIR OPS

ORO.FC/CC

EMERGENCY AND SAFETY EQUIPMENT TRAINING

FLIGHT AND CABIN CREW TRAINING

CRM

Hypoxia Practical Training Experience

Experience Europe's only simulator reaching altitudes up to 30,000 feet!



Objectives : Understand the physiological effects of hypoxia at high altitudes. Recognize early symptoms and effects of hypoxia in oneself and others. Apply effective management techniques to counteract hypoxia in flight.

Who should attend : Flight crew members and staff

Prerequisites : Good health and physical condition



Intra

Duration : 4 hours

Capacity : 4 trainees

Price : On-demand

Syllabus

Definition and types of hypoxia (Hypoxic, Hypemic, Stagnant, Histotoxic)

Key physiological processes affected by hypoxia

Importance of altitude acclimatization and decompression risks

Physiological Effects and Symptoms

Hypoxia Simulation and Symptom Recognition in Simulator

Practical Simulation: Incremental altitude increase to experience mild to severe hypoxia symptoms in a controlled setting

Immediate Response and Management of Hypoxia

Case Study Analysis and Group Discussion

Training Wrap-Up and Q&A

Initial Instructor Training Course

Train The Trainer

Objectives : Equip future instructors with the skills and knowledge needed to train cabin or flight crew effectively. Develop instructional techniques tailored to aviation contexts. Enhance evaluation and feedback abilities for improving crew performance.

Who should attend : Flight or Cabin Crew Instructors

Prerequisites : None



Intra

Duration : From 14 to 28 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Introduction to Instructor Role

Learning process and styles

Facilitation and Feedback

Training delivery:

Instructional Techniques and Effective Communication

Interaction with trainees

TNA – Training needs analysis

Practical Training Delivery and Simulator Exercises

Assessment and Evaluation of Crew Performance



SEP Instructor Training Course

Discover our scenarios that you can replicate with your crews

Objectives : Develop skills and knowledge needed on Safety and Emergency Procedures requirements and responsibilities.

Who should attend : Flight or Cabin Crew Instructors

Prerequisites : None



Intra

Duration : From 14 to 28 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Introduction to Instructor Role

Firefighting & Smoke practical Procedures

Slow & Rapid Decompression

Emergency and Evacuation Procedures

Emergency Landing and Ditching

Pilot Incapacitation

Survival and Wet drills training

Case Studies and Exercises

Practical scenarios on SEP Training & Assessment

CRM Trainer

Compliant with AMC1.ORO.FC.115 and AMC1.ORO.CC.115

Objectives : To be able to demonstrate the knowledge, skills and credibility required to deliver CRM training in a non-operational environment

Develop specific trainer/facilitator skills, in particular the integration of CRM into day-to-day operations.

Who should attend : Future CRM Trainer or CRM Trainer who should complete a Refresher Course

Prerequisites : The selected trainers must meet the mentioned criteria of the EASA / AIR OPS regulations



Intra

Duration : From 7 to 49 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

The role of CRM Trainer

CRM training should focus on the elements specified in Table 1 of (g) of AMC1 ORO.FC.115

Situation awareness

Workload management

Decision making

Resilience development

Surprise and Startle effect

....

Practical exercise of training dispensation and assessment

CBT and EBT Training Methods

Competency and Evidence Based Training

Objectives : Understand the fundamental principles of the competency-based training model. Acquire the skills necessary to design and develop competency-based training programs. Apply best practices in competency-based training development. Be able to create assessments and measures to evaluate the effectiveness of competency-based training programs.

Who should attend : Flight or Cabin Crew Instructors

Prerequisites : None



Intra

Duration : 28 hours

Capacity : 4 trainees

Price : On-demand

Syllabus

Theory on CBT and EBT

Teaching Practices

Steps in the competency-based training development process

Training needs analysis to identify target competencies

Identifying competency-based learning outcomes

Scenario and Assessment Development Support Using Participant Feedback

Selection and adaptation of appropriate learning methods and tools

Creation of scenarios and practical cases to enhance competency-based learning

Integration of formative assessment throughout the training development process

Presentation of Created Scenarios in a Training Context

Validation and Evaluation (EBT). Methods for Assessing Expected Competencies (Technical and Non-Technical) in Created Exercises

Evaluation and measurement of competency-based training effectiveness

Analysis of assessment data to improve competency-based training

Practical tips for classroom management and facilitating competency-based training

Evaluation and Training Conclusion



Emergency and Safety Equipment Training

AMC1 ORO.FC.230 Recurrent training and checking

Objectives : To be able to deal with the safety and emergency equipment during normal and emergency situations on board of your respective aircraft by developing skills in a realistic learning environment.

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : From 4 to 14 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

(ii) Every year the emergency and safety equipment training programme should include the following:

- (A) actual donning of a life-jacket, where fitted;
- (B) actual donning of protective breathing equipment, where fitted;
- (C) actual handling of fire extinguishers of the type used;
- (D) instruction on the location and use of all emergency and safety equipment carried on the aircraft;
- (E) instruction on the location and use of all types of exits;
- (F) security procedures.

(iii) Every 3 years the programme of training should include the following:

- (A) actual operation of all types of exits;
- (B) demonstration of the method used to operate a slide where fitted;
- (C) actual fire-fighting using equipment representative of that carried in the aircraft on an actual or simulated fire except that, with Halon extinguishers, an alternative extinguisher may be used;
- (D) the effects of smoke in an enclosed area and actual use of all relevant equipment in a simulated smoke-filled environment;
- (E) actual handling of pyrotechnics, real or simulated, where applicable;
- (F) demonstration in the use of the life-rafts where fitted. In the case of helicopters involved in extended over water operations, demonstration and use of the life-rafts.

Fire-fighting and Smoke Practical

One of the most useful simulator

Objectives : Be able to manage a fire or smoke situation on board an aircraft

Who should attend : Flight or cabin crew members

Prerequisites : None



Intra

Duration : From 2 to 4 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Instruction on the location and use of all emergency and safety equipment carried on the aircraft

Actual donning of protective breathing equipment

Use of oxygen Masks (Flight Crew)

Actual handling of fire extinguishers of the type used

Actual fire-fighting using equipment representative of that carried in the aircraft mock-up and fire simulator

The effects of smoke in an enclosed area and actual use of all relevant equipment in a simulated smokefilled environment (Fire simulator)

Rapid decompression simulation

Aero-Medical and First-aid

Hypoxia / Hyperventilation / Contamination / Hygiene / Malaria

Objectives : Be able to apply first aid procedures and manage an emergency situation on board.

Who should attend : Flight or Cabincrew members

Prerequisites : None



Intra

Duration : 4 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Concept and objectives of First aid

Evaluation of a victim

Procedures for managing a medical situation

Principles of cardiopulmonary resuscitation (CPR)

Care of injured person

Airways, Breathing, Circulation, Lateral safety position (PLS), Choking, Cardiopulmonary resuscitation and use of Automatic defibrillator on board

Medical emergencies and Medical equipment on board

Stroke, Heart attack, Hypoxia, Hyperventilation / Asthma, Cardiovascular disorders, Nervous system disorders, Barotrauma, Contamination of the skin / eyes by aviation fuel or hydraulic or other fluids, Gastro-intestinal problems, Behavioral problems, Other problems (diabetes, allergic reactions, pregnancy), Hygiene and food poisoning, Malaria.

Survival and Wet Drill Training

Ditching / Life rafts / Life-jacket / Pyrotechnics

Objectives : Be able to use emergency equipment and procedures in the event of a ditching in a maritime environment

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : From 4 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Survival & Safety equipment (life-jacket, survival kit, life-raft, ELT, ...)

Swimming

Actual donning and use of a life-jacket

Use of life-raft – Swimming pool or lake (in pilot or cabin crew uniform)

Use of survival kit and ELT (Signalling)

Actual handling and shooting of pyrotechnics

Practical training on survival (Lake, Forest environment)

Principles of Survival, Set up priorities, Make a shelter, Make a fire, Signalling, Water & food

Airbus Doors Trainer

A319 - A320 - A321 - A330 - A350 - A380

Objectives : Be able to understand and operate the emergency exits of the Airbus family doors

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : From 1 to 6 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Doors or Handle jam

Door motor failure

Cabin pressure

Electrical assistance failure

Unarmed slide

Fire

Emergency evacuation slide



Radio Telecommunication / Phraseology

Improving your communication

Objectives : Improving communication fluidity by employing appropriate phraseology based on situational awareness. Mastering crew communication and briefings while considering Threat and Error Management (TEM)

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : 2 hours

Capacity : 4 trainees

Price : On-demand

Syllabus

Reference: § FCL.055 of the "Aircrew" regulation and AMC 1 to 3. FCL.055 of Decision No. 2011/016/R of EASA

Communication and Crew Briefing

Introduction to communication in aviation

Crew briefing: TFORDECC and its application.

Crew briefing: The NITS model and its use.

Effective communication with air traffic controllers.

Management of communication errors.

Crew flight simulation exercises applying briefing and communication techniques.

Aviation Phraseology

Standard phraseology for pilot-controller communication in normal situations.

Communication exercises with virtual air traffic controllers.

PAN PAN calls: Meaning and usage.

MAYDAY calls: Meaning and procedure.

PAN PAN MEDICAL calls and communication in case of medical emergencies on board.

Management of specific emergency situations

Evaluation and Certification

CRM Single Pilote

Improving your communication

Objectives : Strengthen communication and skills for relevant Flight Crew members, with a focus on non-technical skills, performance competencies, and crew attitudes

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : 7 hours

Capacity : 4 trainees

Price : On-demand

Syllabus

CRM training should focus on the elements specified in Table 1 of (g) of AMC1 ORO.FC.115 which are relevant to single-pilot operations. Therefore, single-pilot CRM training should include, among others:

Situation awareness;

Workload management;

Decision-making;

Resilience development;

Surprise and startle effect; and

Effective communication and coordination with other operational personnel and ground services.



AIR OPS Regulation

Compliant with ORO.AOC.135

Objectives : Be able to identify the key points of the EASA AIR OPS regulation and the requirements of ORO.AOC.135, as well as its latest developments. Be able to apply the European regulations for aircraft operators in both commercial and non-commercial transport

Who should attend : All

Prerequisites : None



Intra

Duration : From 7 to 14 hours

Capacity : 12 trainees

Price : On-demand

Inter

Duration : 7 hours

Capacity : Individual access

Price : 400€ HT

Syllabus

- Presentation and Objectives of the Training
- Brief Overview of PART ARO
- Detailed Study of PART ORO
- General Requirements
- Air Carrier Certificate and Declaration
- Commercial Specialized Operations
- Manuals, Records, and Logs
- Safety and Security
- Flight Crew and Cabin Crew
- Flight and Duty Time Limitations and Rest Requirements
- Detailed Study of PART CAT
- Tailored Study of PART SPA
- Brief Overview of PART NCC
- Brief Overview of PART NCO and SPO
- Knowledge Assessment in the Form of a Multiple-Choice Quiz



Emergency and Crisis Management

Objectives : This course explores the importance of emergency situation planning and the proper management of activities during a crisis.

Who should attend : CEOs, Accountable Managers, Safety Managers, and all stakeholders involved in an emergency plan.

Prerequisites : None



Intra

Duration : 7 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Presentation and Objectives of the Training

Crisis Management: Prevention, Intervention, Recovery

Business Continuity Plan

Categories of Events – Alerts

Crisis Response: Organization

Go-Team

Family Assistance

Death Operations - Personal Effects Management

The Emergency Plan



Crisis communication

Objectives : Master the fundamentals of communication with the press, media, and various stakeholders during a crisis situation.

Who should attend : CEOs, Accountable Managers, and stakeholders involved in an emergency plan.

Prerequisites : None



Intra

Duration : 7 hours

Capacity : 6 trainees

Price : On-demand

Syllabus

Introduction to Crisis Communication

Message and Audience

Crisis Communication Plan – Team – Procedure

Spokesperson

Working with the Media

Dark Site

Social Media

Case Studies



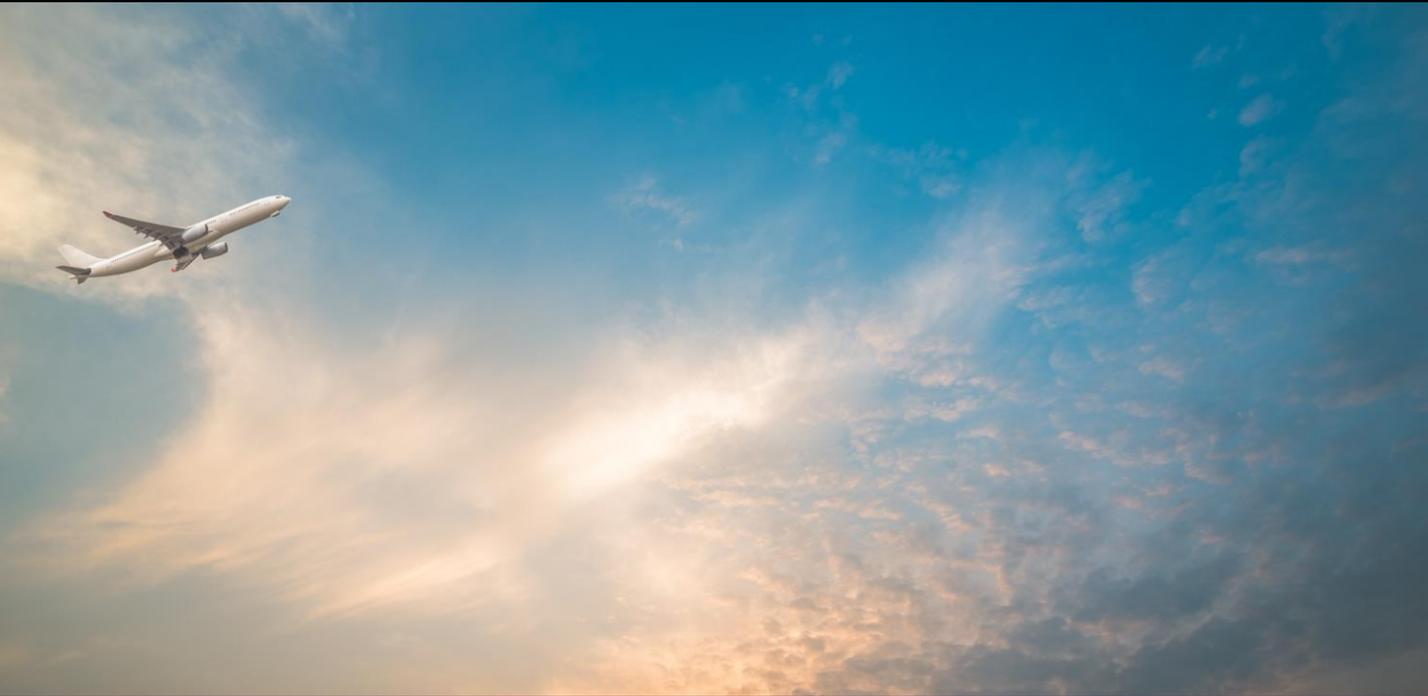
ETOPS Regulation

Extended Range Twin Engine Operations

Objectives : Be able to understand the key points of the ETOPS regulation and its latest developments. Be able to integrate all the detailed requirements of the ETOPS regulation and navigate the various texts to utilize relevant information.

Who should attend : All

Prerequisites : None



Intra

Duration : From 3,5 to 7 hours

Capacity : 12 trainees

Price : On-demand

Syllabus

In accordance with DGAC RP 42-10 on the Management of Continuing Airworthiness and Maintenance of Aircraft in ETOPS Operations, latest edition

- Presentation of the Course and Objectives
- Definitions
- The World Organization of Air Transport
- ETOPS Certification of Aircraft
- Brief Overview of AIR OPS: Aircraft Operations Regulation
- Requirements and Responsibilities of the Operator
- Airworthiness and Operational Documents
- Study of ETOPS Rules
- Study of the ETOPS Maintenance Program
- ETOPS MEL (Minimum Equipment List)
- Study of ETOPS Work Cards
- Critical Systems
- Concepts of Cross-Checking
- Certification Personnel
- APRS (Aircraft Performance and Reliability Systems)
- Conclusion
- Training Evaluation

Dangerous Good including CBT

IATA Manual

Objectives : Accept limited Dangerous Good on the factory network. Accept passenger baggage. Being motivated to ensure safety and to comply with applicable regulations.

Who should attend : Flight crew members

Prerequisites : None



Intra

Duration : 4 hours

Capacity : 8 trainees

Price : On-demand

Syllabus

Compliant with your "Evaluation competences matrix for dangerous good training"

- Understanding the basics of dangerous goods
- Recognizing dangerous goods applicability
- Understanding the general limitations
- Identifying roles and responsibilities
- Understanding the importance of classification & packaging
- Understanding hazard communication
- Familiarizing with basic emergency response
- Processing/accepting cargo
- Transporting cargo/baggage
- Collecting safety data

Management of psychological risks and addictions

Objectives : Identify the effects of the abusive use of psychotropic substances and their consequences,
Identify the assistance provided by the support program,
Participate in the implementation of appropriate measures in your organization

Who should attend : Flight or Cabin crew members

Prerequisites : None



E-learning

Duration : 1,5 hours

Capacity : Individual access

Price per trainee : 50€ HT

Syllabus

Introduction

The effects of psychotropic substances on individuals and on flight safety

Link between stress and addictions

Individual responsibilities regarding applicable legislation and policies relating to psychotropic substances

Principle & substance screening tests

Psychological assessment: content & format

Assistance provided by the support program

Data protection and confidentiality principles

EWIS – Electrical Wiring Interconnection Systems

Objectives : Identify the key points of the regulations,
Define the necessary safety measures in the different cabin & cockpit environments by identifying the nature of the cabling system (EWIS)

Who should attend : Flight or Cabin crew members

Prerequisites : None



E-learning

Duration : 2 hours

Capacity : Individual access

Price per trainee : 60€ HT

Syllabus

AMC 20-22 compliant

A: General EWIS. Safety practices.

C: Inspection of damage to wiring systems (familiarization).

D: Sources of internal, external or other contamination of aircraft. Cleaning procedures.

E: Typical area and damage noted on the wiring (familiarization).

AVIATION TRAINING CENTER EASA FR.147.0037

FLIGHT AND CABIN CREW

Better than a training : a Skillset



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