NOVAE

CUSTOMIZED AERONAUTICS TRAINING

TRAINING CATALOG

Edition 2021 - version 1

YOUR COMMERCIAL CONTACTS

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OUR APPROVALS

PART 147
FR.147.0055

Cabin Crew Attestation
FR.CCA.16

Training organization
No.11 78 02964 78

OUR PARTNERS

Academy
Safran Helicopter Engines
Affiliated Training Center

AIRBUS
Airbus Helicopters Training Services

NOVAE TRAINING SOLUTIONS

19 trainers

2400 trainees trained in 2020

55 training courses

3 training centers

A WORLDWIDE PRESENCE

OUR TRAINING SOLUTIONS

FACE-TO-FACE

Training provided either in one of our training centers or on customer site, in France and abroad

DISTANCE LEARNING

Training delivered entirely by **videoconference** via our dedicated distance learning tool Classilio

Classilio™
Proche de vous, même à distance

BLENDED LEARNING

Training courses with **two phases**:

First phase using e-learning, carried out independently by the participants with different contents such as video material, survey reports, practical cases and exercises available on our Learning Management System, accessible on any electronic medium.

Second phase carried out either by **videoconference** or **face-to-face** aiming to deepen the notions developed in the e-learning phase with additional material and exercises as well as interaction between the trainer and the trainees. At the end of this phase, the trainees evaluate the knowledge acquired during the training to validate what they learned.

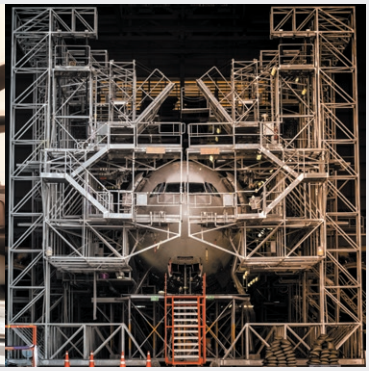
CONTENTS

AIRCRAFT MAINTENANCE
TRAINING

FLIGHT CREW
TRAINING

AIRCRAFT MAINTENANCE TRAINING





INTENSIVE REVISION OF THE THEORETICAL MODULES OF PART 66 - LICENSE B1.1, B1.2, B1.3, B2

INDUSTRY

INDIVIDUAL

CPF APPROVED TRAINING

DURATION
Contact us

LANGUAGE(S)
French
English (coming soon)

MAX. NUMBER OF PARTICIPANTS
15 face-to-face

LOCATION
Colomiers
Aix-en-Provence
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMAT
- Face-to-face
- Distance learning (review only)
- E-Learning (external candidate)

TARGET AUDIENCE

Personnel wishing to obtain an EASA Part 66 aircraft maintenance license.
Training eligible for Pôle Emploi, CPF and Armed Forces funding.

OPERATIONAL OBJECTIVES

- Prepare trainees to pass the various exams of the theoretical license Part 66
- Complete the prerequisites acquired through practical experience in a PART 145 organization for the issuance of a CRS.

TEACHING OBJECTIVES

- Accompany trainees in their revision so that they can acquire the essential theoretical bases.
- Customize learning methods according to the experience already acquired.

PROGRAM

- Module 1: Mathematics
- Module 2: Physics
- Module 3: Fundamentals of Electricity
- Module 4 B1 & B2: Fundamentals of Electronics
- Module 5 B1 & B2: Digital techniques - Electronic Instrumentation
- Module 6 B1 & B2: Materials Technology and Accessories
- Module 7 A B1 & B2: Maintenance Practices
- Module 8: Basic Aerodynamics
- Module 9 A: Human Factors
- Module 10: Aeronautical Regulations
- Module 11 A: Aerodynamics of Turbine Aircraft Structures and Systems
- Module 11 B: Aerodynamics of piston aircraft structures and systems
- Module 12: Helicopter aerodynamics, structures and systems
- Module 13: Aerodynamics of aircraft, structures and systems
- Module 14: Propulsion
- Module 15: Turbine
- Module 16: Piston engine
- Module 17A: Propeller

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

MCQ assessment for each module.
Essay question for modules 7, 9 and 10.

Compulsory examinations in an approved training center

PRACTICAL MATURATION TRAINING IN AERONAUTICAL MAINTENANCE

INDUSTRY

DURATION
4 to 16 weeks

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Mérignac
Metz
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Any technician on ab-initio or advanced ab-initio aircraft and helicopters.

OPERATIONAL OBJECTIVES

- Optimize the acquisition of practical skills on specific types of aircraft and helicopters.
- Accelerate the operational skill development of a B1 or B2 theoretical technician.
- Validate a complete course in order to obtain a license in aeronautical maintenance with a view to issuing a CRS.
- Build a customized practical program for specific tasks in a PART 145 organization.

TEACHING OBJECTIVES

- To apply best practices of aeronautical maintenance through a practical and pragmatic training course
- Application of maintenance tasks around the control of aeronautical technical documentation on aircraft or helicopters. This course can be oriented towards B1 or B2 tasks.
- Acquire the practical skills required in aeronautical maintenance through a customized training course.

PROGRAM

- INITIAL MODULE: Technical documentation, mechanical engineering best practice, structural repair techniques, applied technical English, introduction to Safety Management System (SMS).
- SERVICING MODULE: Wheel inflation - shock absorber - landing gear, wear and pre-flight criteria, towing, full fuel safety rules, auxiliary power sources, common techniques, etc.
- MAINTENANCE MODULE: by system and ATA code (flight controls, structures, hydraulic fuel, electric, engine, etc.)
- ENGINE FAMILIARIZATION MODULE: operating principles, performance, circuits, simulator starting sequence, maintenance program.
- OPTIONAL MODULE: seats, winch, FREIGHT stowage, mooring, canister, etc.

TYPE OF EVALUATION

Multiple choice questionnaire

EASA PART 145 - REGULATION APPLICABLE TO AIRCRAFT MAINTENANCE ORGANIZATIONS - INITIAL TRAINING

INDUSTRY

INDIVIDUAL

DURATION
7 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE

Open to all

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Encourage good maintenance practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART 145 and how to apply them.

PROGRAM

- International and national regulatory context
- Facility requirements
- Personnel, certifying staff and support staff requirements
- Aircraft instruments, tools and components
- Maintenance data
- Maintenance planning
- Performance of maintenance, certification of maintenance and recording of maintenance tasks carried out
- Occurrence reporting
- Safety and quality policy, maintenance procedure and quality system
- Maintenance Organization Exposition
- Rights of the organization

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

EASA PART 145 - REGULATION APPLICABLE TO AIRCRAFT MAINTENANCE ORGANIZATIONS - CONTINUOUS TRAINING

INDUSTRY

INDIVIDUAL

DURATION
4 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already followed the initial training course

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
Open to all

OPERATIONAL OBJECTIVES
- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Encourage good maintenance practices in terms of flight safety.

TEACHING OBJECTIVES
- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART 145 and how to apply them.

PROGRAM
- International and national regulatory context
- Facility requirements
- Personnel, certifying staff and support staff requirements
- Aircraft instruments, tools and components
- Maintenance data
- Maintenance planning
- Performance of maintenance, certification of maintenance and recording of maintenance tasks carried out
- Occurrence reporting
- Safety and quality policy, maintenance procedure and quality system
- Maintenance Organization Exposition
- Rights of the organization

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION
Multiple choice questionnaire

CDCCL “FUEL TANK SAFETY” LEVEL 1

INDUSTRY

INDIVIDUAL

DURATION
3.5 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
Managers, quality assurance personnel and auditors, storemen, all personnel not directly involved in the maintenance activities.

OPERATIONAL OBJECTIVES
- Be familiar with the key elements of the subject.

TEACHING OBJECTIVES
- Be familiar with the basic elements of the FTS.
- Be able to give a simple description of the history and the elements requiring a tank safety inspection, using common words and giving examples of nonconformities.
- Be able to use typical terms.

PROGRAM
- A brief introduction providing examples of past FTS accidents or incidents
- Description of the concept of fuel tank safety and CDCCL
- Some examples of manufacturer documentation showing CDCCL items
- Typical examples of FTS faults
- Some examples of TC holder repair data
- Some examples of maintenance instructions for inspection

TYPE OF EVALUATION
Multiple choice questionnaire

CDCCL “FUEL TANK SAFETY” LEVEL 2 - INITIAL TRAINING

INDUSTRY

INDIVIDUAL

DURATION
8 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE

Personnel of the Part-145 approved maintenance organization required to plan, perform, supervise, inspect and certify the maintenance of aircraft and fuel system components.

OPERATIONAL OBJECTIVES

- Detailed study of the theoretical and practical elements of the subject.

TEACHING OBJECTIVES

- Have knowledge of past occurrences related to fuel tank safety, and of the theoretical and practical elements of the subject.
- How mechanics can recognize, interpret and process improvements made or being made to the instructions for maintaining airworthiness concerning fuel tank system maintenance.

PROGRAM

- A brief introduction providing examples of past FTS accidents or incidents
- Overview of the FM regulations known as SFAR (Special FAR) 88 of the FAA and of JAA Temporary Guidance Leaflet TGL 47
- Be able to give a detailed description of the concept of the fuel tank system ALI (including Critical Design Configuration Control Limitations for critical configuration contracts, and using theoretical fundamentals and specific examples
- Have the capacity to combine and apply the different elements of knowledge in a logical and global manner
- Know how the above items impact the aircraft
- Be able to identify the components or parts or the aircraft subject to FTS from the manufacturer’s documentation

TYPE OF EVALUATION

Multiple choice questionnaire

CDCCL “FUEL TANK SAFETY” LEVEL 2 - CONTINUOUS TRAINING

INDUSTRY

INDIVIDUAL

DURATION
8 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already followed the initial training course

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
Personnel of the Part-145 approved maintenance organization required to plan, perform, supervise, inspect and certify the maintenance of aircraft and fuel system components.

OPERATIONAL OBJECTIVES
- Detailed study of the theoretical and practical elements of the subject.
- Updates of the new instructions are issued which are related to the material, tools, documentation, etc.

TEACHING OBJECTIVES
- Have knowledge of past occurrences related to fuel tank safety, and of the theoretical and practical elements of the subject.
- How mechanics can recognize, interpret and process improvements made or being made to the instructions for maintaining airworthiness concerning fuel tank system maintenance.

PROGRAM
- A brief introduction providing examples of past FTS accidents or incidents
- Overview of the FM regulations known as SFAR (Special FAR) 88 of the FAA and of JAA Temporary Guidance Leaflet TGL 47
- Be able to give a detailed description of the concept of the fuel tank system ALI (including Critical Design Configuration Control Limitations for critical configuration contracts, and using theoretical fundamentals and specific examples
- Have the capacity to combine and apply the different elements of knowledge in a logical and global manner
- Know how the above items impact the aircraft
- Be able to identify the components or parts or the aircraft subject to FTS from the manufacturer’s documentation

TYPE OF EVALUATION
Multiple choice questionnaire

EWIS GROUP 1 TO GROUP 8 - INITIAL TRAINING

INDUSTRY

INDIVIDUAL

DURATION
2.5 to 7 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE

Qualified staff members performing EWIS maintenance (avionics skilled workers, technicians cat. B2, wiring specialists).

OPERATIONAL OBJECTIVES

- Ensure that suitable procedures, methods, techniques, and practices are used when performing maintenance, preventive maintenance, inspection, alteration, and cleaning of the EWIS

TEACHING OBJECTIVES

- Master the regulatory requirements concerning EWIS and their impact on the preservation of wiring throughout the life of the aircraft.
- Acquire technical knowledge of EWIS safety in connection with their aircraft activity.

PROGRAM

- General EWIS practices
- Wiring practices documentation
- Inspection
- Cleaning
- Wires
- Connective devices
- Connective device repair

Program compliant with EASA AMC 20-22 Aeroplane electrical wiring interconnection system training program

TYPE OF EVALUATION

Multiple choice questionnaire

EWIS GROUP 1 TO GROUP 8 - CONTINUOUS TRAINING

INDUSTRY

INDIVIDUAL

DURATION
2.5 to 4 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already followed the initial training course.

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
Qualified staff members performing EWIS maintenance (avionics skilled workers, technicians cat. B2, wiring specialists).

OPERATIONAL OBJECTIVES
- Ensure that suitable procedures, methods, techniques, and practices are used when performing maintenance, preventive maintenance, inspection, alteration, and cleaning of the EWIS

TEACHING OBJECTIVES
- Master the regulatory requirements concerning EWIS and their impact on the preservation of wiring throughout the life of the aircraft.
- Acquire technical knowledge of EWIS safety in connection with their aircraft activity.

PROGRAM
- General EWIS practices
- Wiring practices documentation
- Inspection
- Cleaning
- Wires
- Connective devices
- Connective device repair

Program compliant with EASA AMC 20-22 Aeroplane electrical wiring interconnection system training program

TYPE OF EVALUATION
Multiple choice questionnaire

HUMAN FACTORS - INITIAL TRAINING

INDUSTRY

INDIVIDUAL

DURATION
7 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE

All EASA Part M and Part 145 personnel and their subcontractors.
Any mechanic qualified under Part M, 145 and 66 regulations.

OPERATIONAL OBJECTIVES

- Improve personnel awareness of their physiological and psychological limits.
- Understand the origin of errors and know that these errors can be avoided.
- Encourage a positive attitude on all safety improvement initiatives.

TEACHING OBJECTIVES

- Be able to identify personal physiological and psychological limitations in the context of aircraft maintenance.
- Be able to describe how errors occur through a case study in a maintenance organization.
- Be able to propose improvement solutions by harnessing the knowledge acquired during training.

PROGRAM

- General information and introduction to human factors
- Safety culture and organizational factors
- Human errors
- Human performance and limitations
- Environment
- The procedures, information, tools and their use
- Communication
- Team work
- Professionalism and integrity
- In-house management of human factors

Program in accordance with the ICAO Guide on Human Factors Doc 9824/AN450, issued in 2003

TYPE OF EVALUATION

Multiple choice questionnaire

HUMAN FACTORS - CONTINUOUS TRAINING

INDUSTRY

INDIVIDUAL

DURATION
4 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already completed a one-day initial training course. (HF Part 66 does not count as initial training).

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
All EASA Part M and Part 145 personnel and their subcontractors.
Any mechanic qualified under Part M, 145 and 66 regulations.

OPERATIONAL OBJECTIVES
- Ensure that staff remain up-to-date on human factors knowledge.
- Improve personnel awareness of their physiological and psychological limits.
- Review the origin of errors and know how to avoid them.
- Encourage a positive attitude in order to promote effective feedback.

TEACHING OBJECTIVES
- Be able to identify personal physiological and psychological limitations in the context of aircraft maintenance.
- Be able to describe how errors occur through a case study in a maintenance organization.
- Be able to propose improvement solutions by harnessing the knowledge acquired during training.

PROGRAM
- Case study through a video sequence
- Debate on the topic
- Errors, infringement and lack of discipline
- The 12 traps leading to error
- Human performance and limitations
- Flight safety risk management
- Organization of the human factor initiative within the company

Program in accordance with the ICAO Guide on Human Factors Doc 9824/AN450, issued in 2003

TYPE OF EVALUATION
Multiple choice questionnaire

FOREIGN OBJECT DAMAGE (FOD)

INDUSTRY

INDIVIDUAL

DURATION
4 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning
6 blended learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning
- Blended learning

TARGET AUDIENCE
Open to all

OPERATIONAL OBJECTIVES
- Raise staff awareness of the dangers associated with FOD.
- Encourage good maintenance practices in terms of flight safety.

TEACHING OBJECTIVES
- Raise staff awareness of the dangers associated with FOD.
- Identify the different sources of FOD.

PROGRAM
- Objectives and definitions of FOD
- Background and case study
- FOD origins: animal, human, meteorological
- Best maintenance practices
- Critical zones
- Fight against FOD:
  - tools
  - resources
  - procedures, documentation
- Prevention, cleaning, and controls

TYPE OF EVALUATION
Multiple choice questionnaire

(FOD: Foreign Object Debris)

PART 21 G - INITIAL TRAINING

INDUSTRY

DURATION
7 hours

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Encourage good production practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART 21 and how to apply them.

PROGRAM

- International and national regulatory context
- Facility requirements
- Staff and certifying staff requirements
- Manufacturing data
- Instruments and tools, procedures
- Procedures and POM
- Quality system
- Outsourced products
- Purchased components
- Link between design and production organization
- Certificate of Manufacturing Work

Program compliant with EASA (UE) regulation no. 748/2012 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

PART 21 G - CONTINUOUS TRAINING

INDUSTRY

DURATION
3.5 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already followed the initial training course

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Encourage good production practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART 21 and how to apply them.

PROGRAM

- International and national regulatory context
- Facility requirements
- Staff and certifying staff requirements
- Manufacturing data
- Instruments and tools, procedures
- Procedures and POM
- Quality system
- Outsourced products
- Purchased components
- Link between design and production organization
- Certificate of Manufacturing Work

Program compliant with EASA (UE) regulation 748/2012 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

PART 66 & PART 147 EASA REGULATIONS

INDUSTRY

DURATION
2 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Management personnel/Instructors
Examiners/Practice Assessors.

OPERATIONAL OBJECTIVES

- Acquire in-depth knowledge of EASA regulations Part 66 and 147.

PROGRAM

- Describe the structure and objectives of the European Aviation Safety Agency (EASA).
- Identify the privileges of each approval of the European regulation relating to Continuing Airworthiness.
- Delimit the perimeter of organizations accredited under EASA regulations.
- Describe the Part 66 training standards and the general eligibility process for Part 66 certification personnel.
- Describe the technical requirements and roles of staff involved in a PART 147 accredited maintenance training organization.
- Describe the structure of a Maintenance Training Organization Manual (MTOE) and its associated procedures.

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

PART M & CAMO EASA REGULATIONS - INITIAL TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context
- Be able to explain the main requirements of EASA PART M and how to apply them.

PROGRAM

- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part M
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAMO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

(CAMO: Continuing Airworthiness Management Organisation)

PART M & CAMO EASA REGULATIONS - CONTINUOUS TRAINING

INDUSTRY

DURATION
1/2 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have already followed the initial training course

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE
Open to all.

OPERATIONAL OBJECTIVES
- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES
- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART M and how to apply them.

PROGRAM
- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part M
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAMO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION
Multiple choice questionnaire

(CAMO: Continuing Airworthiness Management Organisation)

PART ML & CAO EASA REGULATIONS - INITIAL TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE
Open to all.

OPERATIONAL OBJECTIVES
- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES
- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART M and how to apply them.

PROGRAM
- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part ML
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION
Multiple choice questionnaire

(CAO: Combined Airworthiness Organisation and ML: PART M Light)

PART ML & CAO EASA REGULATIONS - CONTINUOUS TRAINING

INDUSTRY

DURATION
1/2 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
Have attended the Part ML & CAO EASA regulations initial training

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE
Open to all.

OPERATIONAL OBJECTIVES
- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES
- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of EASA PART M and how to apply them.

PROGRAM
- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part ML
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION
Multiple choice questionnaire

(CAO: Combined Airworthiness Organisation and ML: PART M Light)

CONTINUING AIRWORTHINESS REGULATIONS (PART M/ML/CAMO/CAO) - INITIAL TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of the applicable EASA Continuing Airworthiness Regulations and how to apply them.

PROGRAM

- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part ML and M
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAMO & CAO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

CONTINUING AIRWORTHINESS REGULATIONS (PART M/ML/CAMO/CAO) - CONTINUOUS TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES

Have attended the Continuing Airworthiness Regulations (Part M/ML/CAMO/CAO) initial training

AVAILABLE LEARNING FORMATS

- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Improve consideration of the risks associated with noncompliance with regulatory requirements.
- Promote best airworthiness practices in terms of flight safety.

TEACHING OBJECTIVES

- Be able to position oneself within a civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of the applicable EASA Continuing Airworthiness Regulations and how to apply them.

PROGRAM

- International and national regulatory context
- Responsibilities
- Technical requirements: Continuing Airworthiness & Part ML and M
- Technical requirements: maintenance standards
- Technical requirements: aircraft components
- Organizational requirements: Continuing Airworthiness Management Organization Part CAMO & CAO
- Certificate of Release to Service
- Airworthiness review certificate
- Organization's Manual

Program compliant with EASA (UE) regulation no. 1321/2014 latest version

TYPE OF EVALUATION

Multiple choice questionnaire

SAFETY MANAGEMENT SYSTEM APPLIED TO THE AERONAUTICS SECTOR - INITIAL TRAINING

INDUSTRY

DURATION
7 hours

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
12 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all.

OPERATIONAL OBJECTIVES

- Encourage feedback from a flight safety perspective.
- Improve the consideration of risks in operations, maintenance and continuing airworthiness activities and thus flight safety.

TEACHING OBJECTIVES

- Be able to position the SMS in the civil aviation regulatory context by describing this context.
- Be able to explain the main requirements of Safety Management System and how to apply them.

PROGRAM

- Principles and contributions of SMS
- Regulatory requirements and the 4 pillars of SMS.
- Safety policy, responsibilities and organization of the SMS
- Safety objectives and indicators
- Risk management: hazard/risk collection, analysis, identification and management, risk assessment and mitigation
- Ensure the maintenance of security: security review, audits, interface management
- Promote safety: training, awareness, communication
- Occurrence reporting

TYPE OF EVALUATION

Multiple choice questionnaire

FAMILIARIZATION TRAINING WITH THE GLOBAL SUPPORT PACKAGE IN AERONAUTICS

INDUSTRY

DURATION
6 hours

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
15 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE
Open to all

OPERATIONAL OBJECTIVES
- Understand the issues and key support positions
- Identify the different actors.
- Identify the causes and impact of aircraft unavailability for an organization.

TEACHING OBJECTIVES
- Present the organization of the civil and military GSP.
- Specify in which regulatory framework the GSP is embedded.
- Demonstrate the main causes of unavailability.

PROGRAM
- Reminder on the regulatory framework
- GSP, the different stakeholders
- Availability/unavailability
- Main causes of aircraft/parts unavailability
- Civilian GSP/Military GSP
- Impact of digital technology in the GSP
- Conclusion

TYPE OF EVALUATION
Multiple choice questionnaire

FAMILIARIZATION WITH AIRCRAFT SYSTEMS

INDUSTRY

DURATION
2 to 5 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
15 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

OPERATIONAL OBJECTIVES

- Understand how a plane flies.
- Study and generalities of aircraft systems.
- Raising awareness on aeronautical safety through the systems of an aircraft.

TEACHING OBJECTIVES

- Familiarize the trainee with the theory of flight of an aircraft.
- Present, identify and explain the operation of aircraft systems.
- Transfer these systems to a model aircraft.

PROGRAM

- Flight theory/flight controls
- Aircraft fuel system
- Air supply - air conditioning
- Electricity generation
- Hydraulic generation
- Protection against frost
- Fire protection
- Principles of a turbojet engine

TYPE OF EVALUATION

Multiple choice questionnaire

FAMILIARIZATION WITH HELICOPTER SYSTEMS

INDUSTRY

DURATION
2 to 5 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
15 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

OPERATIONAL OBJECTIVES

- Understand how a helicopter flies.
- Study and generalities of helicopter systems.
- Raising awareness on aeronautical safety through the systems of a helicopter (daily inspection).

TEACHING OBJECTIVES

- Familiarize the trainee with the theory of helicopter flight.
- Present, identify and explain the operation of helicopter systems.
- Transfer these systems to a model aircraft.

PROGRAM

- Helicopter flight theory/flight controls
- Aircraft fuel system
- Blades and rotors
- Electricity generation
- Hydraulic generation
- Protection against frost
- Fire protection
- Principles of a turboshaft engine

TYPE OF EVALUATION

Multiple choice questionnaire

T4 / AIRBUS A320 CEO & NEO FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or have an EASA approved Part 66 license

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A320 and its different versions, intermediate modifications as well as the changes in the latest generations (CEO/NEO A 321 XLR)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (CFM 56 5 or LEAP 1 A from SAFRAN/GE)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft
- The final objective is to be able to issue an Certificate of Release to Service (of an aircraft after its inspection)

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary & secondary flight controls
- Lighting and metalization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- CFM56 5B, IAE V2500 and LEAP 1A engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

T4 / AIRBUS A330 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or have an EASA approved Part 66 license

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A330 and its different versions, intermediate modifications as well as the changes in the latest generations (A330 800/900)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (RR Trent 700 GE CF 6 80 E 1 and PW 4000)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft
- The final objective is to be able to issue a Certificate of Release to Service (of an aircraft after its inspection)

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- RR Trent 700/PW 4068/GE CF6 80 E 1 engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

AIRBUS A220 CS100/300 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A330 and its different versions, intermediate modifications as well as the changes in the latest generations
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (PW 1500 G)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- PW 1500G engine
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

AIRBUS A340 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A340 and its different versions, intermediate modifications as well as the changes in the latest generations (A340 500/600)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (CFM 56 5 C and RR Trent 500)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- CFM56 and RR Trent 500 engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

AIRBUS A350 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A350 and its different versions, intermediate modifications as well as the changes in the latest generations (A350 1000)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (RR Trent XWB)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- RR Trent XWB engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

AIRBUS A380 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the A380 and its different versions, intermediate modifications as well as the changes in the latest generations(A380-800)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (RR Trent 900 and GP7000)
- Discover the organization of the technical documentation and the scheduled maintenance of Airbus aircraft

PROGRAM

- Airbus Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- RR Trent 900 and GP 7000 engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

ATR 42/72 FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the ATR 42 and 72 and its different versions, intermediate modifications as well as the changes in the latest generations (ATR 72-600)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (PWC PW120)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- ATR Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- PWC PW120 engines

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

BOEING B737 CLASSIC GENERATION FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the B737 and its different versions, intermediate modifications as well as the changes in the latest generations (B737 400F)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (CFM 56-3)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- Boeing Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- CFM 56 3 engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

BOEING B737 NEXT GENERATION FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the B737 and its different versions, intermediate modifications as well as the changes in the latest generations (B737 BBJ)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (CFM 56-7)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- Boeing Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- CFM 56 7 engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

BOEING B737 MAX FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the B737 and its different versions, intermediate modifications as well as the changes in the latest generations (B737 MAX 10)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (LEAP 1B)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- Boeing Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- LEAP 1B engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

BOEING B777 WORLDLINER FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the B777 and its different versions, intermediate modifications as well as the changes in the latest generations (B777-300 ER)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (GE 90, PW 4000 & RR Trent 800)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- Boeing Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- GE, RR and PW engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

BOEING B787 DREAMLINER FAMILIARIZATION

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Aix-en-Provence
Mérignac
Customer on-site

PREREQUISITES
2 months experience in the aviation industry and/or be part of a company related to the sector

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- Discover the B787 and its different versions, intermediate modifications as well as the changes in the latest generations (B787-10)
- Familiarization with the aircraft structure, the various systems such as on-board mechanics, avionics and propulsion systems (GE GEnx & RR Trent 1000)
- Discover the organization of the technical documentation and the scheduled maintenance of aircraft

PROGRAM

- Boeing Industrie: introduction and concepts
- Aircraft variants and their performance
- Organization of maintenance
- Technical documentation
- Primary and secondary structures
- Cockpit presentation
- Power generation and distribution
- Hydraulic generation and distribution
- Landing gear, brakes and steering
- Primary and secondary flight controls
- Lighting and metallization
- Indications, alarms and recorders
- Fuel and fire protection
- Bleed air and anti-icing
- Air conditioning and pressurization
- Water and oxygen circuits
- Autopilot
- Radio communication
- Radio navigation and flight protection
- Cabin and emergency equipment
- GE, RR and PW engines
- APU

TYPE OF EVALUATION

Formative evaluation during training and summative evaluation at the end of training.

EN 9100 - STANDARD PROGRAM REFERENCE IN THE AERONAUTICS, SPACE AND DEFENSE FIELDS

INDUSTRY

INDIVIDUAL

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Mulhouse
Cluses
Senlis
Nantes
Saint-Étienne
Bourges
Lyon
Pau
Customer on-site

PREREQUISITES
Knowledge of the ISO 9001 v2015 standard.

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Company managers, quality managers and anyone involved in an EN 9100 project.

OPERATIONAL OBJECTIVES

- Understand the requirements of EN 9100 v2016.

TEACHING OBJECTIVES

- Interpret the new requirements of EN 9100 v2016
- Upgrade an ISO 9001 quality system by integrating the new provisions of the standard.

PROGRAM

- Presentation of the specific requirements of EN 9100 v2016 compared to the 2009 version, with particular focus on:
  - counterfeit parts
  - product safety
  - human factors
  - raising awareness

TYPE OF EVALUATION

Multiple choice questionnaire

EN 9100 - ADVANCED PROGRAM REFERENCE IN THE AERONAUTICS, SPACE AND DEFENSE FIELDS

INDUSTRY

INDIVIDUAL

DURATION
2 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Mulhouse
Cluses
Senlis
Nantes
Saint-Étienne
Bourges
Lyon
Pau
Customer on-site

PREREQUISITES
Knowledge of the ISO 9001 v2015 standard.

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Company managers, quality managers and anyone involved in an EN 9100 project.

OPERATIONAL OBJECTIVES

- Understand the requirements of EN 9100 v2016.

TEACHING OBJECTIVES

- Interpret the new requirements of EN 9100 v2016
- Identify the practices to be implemented in the company to meet its requirements.

PROGRAM

- Market requirements.
- Stakeholders from the aviation and defense sectors.
- Standards associated with the EN 9100 standard.
- Presentation of the specific requirements of EN 9100 compared to the ISO 9001 with a focus on important topics such as:
  - project management
  - risk management
  - configuration management (configuration audit)
  - control of activity transfers
- Conduct of the audit.

TYPE OF EVALUATION

Multiple choice questionnaire

TRAINING FOR TRAINERS - INITIAL

INDUSTRY

DURATION
5 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES
Good knowledge and/or experience in the future field of training

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

All future trainers

OPERATIONAL OBJECTIVES

- Give future trainers the main educational tools to cope with all aspects of a training session. This course provides a comprehensive foundation for new trainers in training session design, development and delivery.

PROGRAM

- Clearly identify the characteristics of a training action and the competencies of a trainer.
- Describe a range of teaching methods.
- Identify key components of an effective training program for adult learners.
- Describe the regulation and requirements within a training environment.
- Overcome difficult situations or problems that can occur during a training session.
- Define and write appropriate training objectives.
- Identify and create appropriate training materials and a structured content to meet the training objectives.
- Select, create and use effective visual aids and student material to support a training session.
- Use and organize an appropriate educational environment.
- Describe some ways of evaluating and evaluate the effectiveness of training against pre-determined objectives.
- Put at least one teaching method into practice.
- Practice assessment and self-assessment.

TYPE OF EVALUATION

Expositive, interrogative and active.

TRAINING FOR TRAINERS - REFRESHER

INDUSTRY

DURATION
1 to 2 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES
Have already followed a "Training for Trainers - Initial" course or have substantial experience as a trainer

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Any experienced trainer, from a training organization, independent or from a company, and particularly in Part 147 or Part 145 environments.

OPERATIONAL OBJECTIVES

- Update experienced-trainer knowledge on evolutions of teaching methods and news technologies so that to maximize the training action aspects and to find solutions to solve various problems they meet in their daily practice.

PROGRAM

- Identify the trainer's skills and their evolution.
- Define learning objectives and build an appropriate training action.
- Describe a range of educational approaches, methods and techniques, new technologies, their advantages and disadvantages.
- Identify and use the methods, techniques, rules of communication and group dynamics.
- Overcome difficult class situations and identify appropriate communication techniques.
- Design and use educational support adapted to predefined objectives.
- Describe the different evaluation methods.
- Evaluate the effectiveness of training in relation to predetermined objectives.
- Practice assessment and self-assessment.

TYPE OF EVALUATION

Expositive, interrogative and active.

TRAINING FOR TRAINERS - ENGLISH FOR TRAINERS

INDUSTRY

DURATION
5/10/15 days (adjustable according to the level of English)

LANGUAGE(S)
English

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES

- Sufficient level of English assessed beforehand by telephone interview
- Mastery and/or significant experience in the subject matter to be taught
- Training for trainers

AVAILABLE LEARNING FORMAT

- Face-to-face

TARGET AUDIENCE

Any trainer who is required to give courses in English

OPERATIONAL OBJECTIVES

- Prepare the experienced non-English-speaking trainer to deliver courses in English.
- Acquire the vocabulary of training while using substantive vocabulary adapted to the subject matter.

PROGRAM

- Decipher the symbology used for the international phonetic alphabet and reproduce the appropriate pronunciation in English.
- In English, welcome, introduce oneself, one's organization or company and present the educational objectives of a training course.
- In English, make an introduction to your course.
- In English, describe: any type of object, the functioning of a simple or complex system, the causes and consequences of an action.
- In English, use mathematical vocabulary.
- In English, use linking phrases related to the chronology of a course and expressions related to digression.
- In English, use vocabulary related to questioning, rephrasing and responding to learners.
- In English, use vocabulary to give precise instructions and to obtain and give feedback.
- In English, use vocabulary to describe various teaching aids.
- In English, make a conclusion to your course.

TYPE OF EVALUATION

Expositive, interrogative and active.

TRAINING OF TRAINERS - INTRODUCTION TO TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Training managers or any person involved in a training environment.

OPERATIONAL OBJECTIVES

- Acquire the basics of pedagogy and to be informed about the main aspects of a teaching action.

TEACHING OBJECTIVES

- Clearly identify the characteristics of a training action and the trainer competences
- Debate on the trainer position and role
- Be initiated into speech techniques and Experience oral presentation
- Check the consistency of a training action structure
- Compare and define evaluation methods and practice assessment

PROGRAM

During this course, participants will be taught basics on:
- Characteristics of a training action and trainer competences
- Communication techniques
- Training objectives and levels
- Educational techniques
- Assessment methods

TYPE OF EVALUATION

Expositive, interrogative and active.

AVIATION ENGLISH & AIRWORTHINESS ENGLISH

INDUSTRY

DURATION
1 to 3 weeks (adjustable according to the customer's needs and objectives)

LANGUAGE(S)
English

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES
Sufficient level of English according to the objectives set, assessed beforehand by telephone interview

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Open to all/From beginner to advanced levels

OPERATIONAL OBJECTIVES

- Discover, revise or extend the knowledge of typical structures of aviation technical English and EASA airworthiness English.
- Reinforce the understanding of instructions, procedures and technical descriptions related to the aeronautical field.
- Know the basic vocabulary related to aircraft and maintenance and to aeronautical regulations.

PROGRAM

Customized course according to the client's choice depending on:

- **The focused objective:**
  - Focused on reading comprehension skills
  - Focused on written comprehension and expression skills
  - Focused on listening and speaking skills
- **The vocabulary of the trainees' professional environment:**
  - Focused on aeronautical vocabulary
  - Focused on airworthiness vocabulary

TYPE OF EVALUATION

Expositive, interrogative and active.

AUDIT TECHNIQUES/INTERNAL AUDITORS

INDUSTRY

DURATION
2 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10

LOCATION
Bayonne
Mérignac
Customer on-site

PREREQUISITES
Minimum knowledge in the organization standards

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Open to all and internal auditors.

OPERATIONAL OBJECTIVES

- Acquire general knowledge and main techniques of audit to use in a standardized environment.

PROGRAM

- Identify the characteristics of a normative context
- Describe the regulatory requirements and the characteristics of a Quality System
- Classify and identify the different types of audit
- Define the scope of an audit action
- List the qualifications and describe the skills of the auditor
- Describe and use the audit techniques: audit preparation/opening and closing meetings/questioning and gathering of evidence - sampling/corrective and preventive actions/root cause analysis/audit report and continuous monitoring.

TYPE OF EVALUATION

Expositive, interrogative and active.

OXYGEN AND NITROGEN HANDLING SAFETY COURSE

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
10 face-to-face and distance learning

LOCATION
Bayonne
Colomiers
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE

Personnel handling or storing fluids under pressure.

OPERATIONAL OBJECTIVES

- Knowledge of the safety instructions specific to pressurized fluids
- Knowledge of individual and collective protection means
- Anticipate the malfunction risks of an oxygen or nitrogen system
- Safe handling of pressurized cylinders

TEACHING OBJECTIVES

- Reminder of individual and collective safety instructions
- Knowledge of the risks associated with mishandling
- Knowledge of oxygen and nitrogen gases
- Raising awareness of the risks associated with gases known to be non-hazardous
- To know the different ways of using gases

PROGRAM

- Knowledge of oxygen and nitrogen gases
- Hazards related to the storage of pressurized cylinders
- Oxygen in aeronautics
- Theoretical simulation of full oxygen

TYPE OF EVALUATION

Multiple choice questionnaire

KNOWLEDGE OF THE“ELECTROSTATIC DISCHARGE” (ESD) RISK

INDUSTRY

DURATION
3 hours

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
15 face-to-face
6 distance learning

LOCATION
Bayonne
Colomiers
Mérignac
Customer on-site

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning

TARGET AUDIENCE
Open to all

OPERATIONAL OBJECTIVES
- Identifying the risk of electrostatic discharges in aeronautics.
- Understand the main measures to be applied when handling electronic equipment.

TEACHING OBJECTIVES
- Explain the phenomenon of electrostatic discharge.
- Show the damage linked to this type of phenomenon.
- Apply appropriate preventive measures to avoid damage related to this phenomenon.

PROGRAM
- History
- Electrification
- The phenomenon of electrostatic discharge
- Risks and damage to equipment
- Means of protection
- Means of prevention
- Equipment control
- Precautions for handling electronic equipment

TYPE OF EVALUATION
Multiple choice questionnaire

REPAIR OF COMPOSITE MATERIALS

INDUSTRY

INDIVIDUAL

DURATION
5 to 15 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Latresne
Marignane
Customer on-site

PREREQUISITES
Hold a basic technical knowledge of aircraft/ helicopters

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Aeronautical technicians required to carry out structural repairs on aircraft.

OPERATIONAL OBJECTIVES

- Know how to identify the different types of damage and implement the corresponding repair techniques.

TEACHING OBJECTIVES

- Acquire basic knowledge of composite materials.
- Master the main repair techniques and know how to put them into practice.

PROGRAM

- Standard repair practice (implemented resins, creation and use of a vacuum bag, honeycomb exchange)
- Materials of reinforcements (fiber glass, carbon fiber, aramide fiber, honeycomb)
- Various damage identification and estimation before repairing (tap test, ultrasound check)
- Material management (glue, tools, equipment)
- Operation on thermoplastic materials (stop cracks, patch)
- Inserts removal and installation (cowling, fairing, floor panel)
- Composite and metallic material riveting
- Paint rework

Customized course can be proposed upon request (painting, non-destructive test, etc.)

REPAIR OF PLASTIC MATERIALS

INDUSTRY

DURATION
5 to 15 days

LANGUAGE(S)
French
English

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Latresne
Marignane
Customer on-site

PREREQUISITES
Hold a basic technical knowledge of aircraft/ helicopters

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Aeronautical technicians required to carry out structural repairs on aircraft.

OPERATIONAL OBJECTIVES

- Know how to identify the different types of damage and implement the corresponding repair techniques.

TEACHING OBJECTIVES

- Acquire basic knowledge of plastics.
- Master the main repair techniques and know how to put them into practice.

PROGRAM

- Material definition (thermosetting part, thermoplastic part)
- Type of damage (cracks, deep scratch, puncture, perforation, delamination)
- Repair Materials (fiber, resin, filler)
- Types of repair (cosmetic repair, thermoplastic repair, composite repair, temporary repair)
- Paint rework (surface preparation)
- Type of paint (application)
- Practical application (vacuum bag process, crack repair, hole repair, finish panel, part rebuilding, insert exchange)

Customized course can be proposed upon request (painting, non-destructive test, etc.)

TOWING TRAINING

INDUSTRY

DURATION
1 day

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
10 face-to-face
6 distance learning

LOCATION
Bayonne (theory only)
Colomiers (theory only)
Aix-en-Provence (theory only)
Customer on-site (theory and practice)

PREREQUISITES
None

AVAILABLE LEARNING FORMATS
- Face-to-face
- Distance learning (theory only)

TARGET AUDIENCE

Personnel working on the runway or moving aircraft.

OPERATIONAL OBJECTIVES

- Know the safety instructions.
- Know the individual and collective protection means.
- Anticipate the risks of malfunctioning during a towing operation.
- Safe handling of track equipment (if practical test).

TEACHING OBJECTIVES

- Know the essential rules of aerodrome traffic.
- Know the rules of equipment control.
- Rights and duties of the tractor driver.

PROGRAM

- Theoretical training
  - Role and responsibility of the operator
  - Safe operation of the equipment/How to install and remove safety devices
  - Rules for safe driving on maneuvering areas
  - How to use the VHF radio
  - Preparation for towing operations/aircraft tour
  - Safe execution of towing operations/completion of operations
  - Emergency procedures
- Practical training
  - To be established according to the material provided by the client

TYPE OF EVALUATION

Multiple choice questionnaire.
Practical assessment where appropriate.

M3M MACHINE GUN OPERATOR MAINTENANCE GROUND COURSE

INDUSTRY

DURATION
2 to 3 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Customer on-site

PREREQUISITES

Military of the armed forces: weapons specialist, flight engineer, crew member, etc.

AVAILABLE LEARNING FORMAT

- Face-to-face

TARGET AUDIENCE

Specialized defense operators.

OPERATIONAL OBJECTIVES

- Know how to dismantle and reassemble the M3M FN Herstal machine gun in order to be autonomous until the 1st maintenance.
- Apply operator level maintenance procedures according to the technical documentation.
- Be able to settle a shooting incident in complete safety.

TEACHING OBJECTIVES

- Explain the operation of the M3M FN Herstal.
- Practice dismantling and reassembling the weapon at the operator level.
- Carry out a troubleshooting diagnosis by referring to the maintenance manual.

PROGRAM

- General and functional presentation of the M3M machine gun
- Different types of ammunition and effectiveness
- Operation and safety measures
- Campaign dismantling and reassembly
- Rebate and timing adjustment
- Shooting incidents
- Sighting and boresighting system

TYPE OF EVALUATION

Multiple choice questionnaire.
Practical assessment.

20 mm/SH20 MACHINE GUN OPERATOR MAINTENANCE GROUND COURSE

INDUSTRY

DURATION
2 to 3 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Customer on-site

PREREQUISITES

Military of the armed forces: weapons specialist, flight engineer, crew member, etc.

AVAILABLE LEARNING FORMAT

- Face-to-face

TARGET AUDIENCE

Specialized defense operators.

OPERATIONAL OBJECTIVES

- Know how to dismantle and reassemble a Nexter 20 mm gun in order to be autonomous until the 1st maintenance.
- Apply operator level maintenance procedures according to the technical documentation.
- Be able to settle a shooting incident in complete safety.

TEACHING OBJECTIVES

- Explain the operation of the Nexter 20 mm barrel.
- Practice dismantling and reassembling the weapon at the operator level.
- Carry out a troubleshooting diagnosis by referring to the maintenance manual.

PROGRAM

- General and functional presentation of the Nexter 20 mm barrel
- Different types of ammunition and effectiveness
- Operation and safety measures
- Campaign dismantling and reassembly
- Test case and diagnostic of the electric versions
- Shooting incidents
- Sighting and boresighting system

TYPE OF EVALUATION

Multiple choice questionnaire.
Practical assessment.

M3M MACHINE-GUN / 20 mm CANNON OPERATOR FLIGHT COURSE

INDUSTRY

DURATION
On request

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
8

LOCATION
Customer on-site

PREREQUISITES

Military of the armed forces: weapons specialist, flight engineer, crew member, etc.

AVAILABLE LEARNING FORMAT

- Face-to-face

TARGET AUDIENCE

Specialized defense operators.

OPERATIONAL OBJECTIVES

- Know how to dismantle and reassemble the M3M FN Herstal machine gun on the aircraft.
- Using the weapon in flight using 38 different training modules.
- Be able to settle a shooting incident in complete safety.

TEACHING OBJECTIVES

- Using the weapon in flight in a simple day and night environment.
- Define training objectives.
- Ensure aircraft safety in all phases.

PROGRAM

- Shooting course
- Aim
- Different types of shooting: warning, neutralization, saturation, etc.
- Conditions of engagement of shooting
- End-of-game tactics and procedures

TYPE OF EVALUATION

Multiple choice questionnaire.
Practical assessment.

HELICOPTER FLOTATION MAINTENANCE COURSE

INDUSTRY

DURATION
3 to 4 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Customer on-site

PREREQUISITES
Maintenance technician

AVAILABLE LEARNING FORMAT
- Face-to-face

TARGET AUDIENCE

Maintenance technician

OPERATIONAL OBJECTIVES

- Carry out annual maintenance operations on the emergency floats according to the technical documentation.
- Understand and specific features of this optional security option.

TEACHING OBJECTIVES

- System overview
- Operation of systems, including safety according to the (theoretical) documentation
- Carry out the annual inspection
- Folding the floats

PROGRAM

- Features and overview
- Technical documentation
- Annual inspection (removal and control)
- Tools, control and testing
- Repair of floats
- Annual inspection following the MWC
- Demonstration of the packaging by our instructor with the trainees
- Packaging by student technicians
- Repair

TYPE OF EVALUATION

Multiple choice questionnaire.
Practical assessment.

SAFRAN HELICOPTER ENGINES ACADEMY
TRAINING

Academy
Safran Helicopter Engines
Affiliated Training Center

HELICOPTER TYPE RATING
TRAINING

FLIGHT CREW
TRAINING

LAND SURVIVAL TRAINING

INDUSTRY

DURATION
1 to 5 days

LANGUAGE(S)
French

MAX. NUMBER OF PARTICIPANTS
6

LOCATION
Buziet

PREREQUISITES

- Be able to do a 6 km walk with a 5 kg bag.
- Be able to sleep outside under shelter in a duvet.

AVAILABLE LEARNING FORMAT

- Face-to-face

TARGET AUDIENCE

Open to all

TEACHING OBJECTIVES

- The purpose of this one to five day course is to teach the knowledge and skills necessary for survival and recovery.
- The training requires a theoretical and practical instruction phase followed by a practical phase.
- The training covers the techniques needed to deal with a degraded situation, with an emphasis on stress management. The practical application phase, which concludes the instruction, brings the trainee as close as possible to real-life conditions.

PROGRAM

Depending on the length of training desired, the program may include the following items:

- Priorities
- Different nodes
- Day and night orientation
- Setting up in a bivouac area with signs, hydration, food and protection
- Practical tests

TYPE OF EVALUATION

Practical assessment

NOTES

YOUR COMMERCIAL CONTACTS

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