



EASA IT.147.0016

FLYON AÉRO

AVIATION TRAINING CENTER

COURSE CATALOGUE

ABOUT US

We are the Aviation Training Center of Flyon Aero Srl.

Our mission is to deliver aviation training courses to our clients in the most flexible and affordable way, without sacrificing quality and being compliant to the latest EASA standards.

This catalogue's focus is to provide a general overview of the courses available in the following topics:

- **Human Factors & Crew Resource Management**
- **EASA Regulations (DOA/POA/CAMO/145/AOC/...)**
- **Quality & Compliance Management**
- **Avionic Specialized Courses & MALE UAV**
- **Safety & Security courses**

We are also approved EASA Part-147 for the delivery of Basic Training and Type Training in order to obtain the Aviation Maintenance License (AML).

To get further information or to enroll a course, you can contact us at:

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- WhatsApp: +39 3440323944
- Email: info@flyon.aero
- Instagram: [@flyon.aero](https://www.instagram.com/flyon.aero)
- Facebook: FLYON AERO
- LinkedIn: FLYON AERO

COURSE INDEX

CODE	COURSE NAME
001-C-I	Safety Training AMO 145 (Including Human Factors) GM1 145.A.30(e) - INITIAL
001-O-I	Safety Training AMO 145 (Including Human Factors) GM1 145.A.30(e) - INITIAL ONLINE
001-C-R	Safety Training AMO 145 (Including Human Factors) GM1 145.A.30(e) - RECURRENT
001-O-R	Safety Training AMO 145 (Including Human Factors) GM1 145.A.30(e) - RECURRENT ONLINE
002-C-I	Safety Training (Including Human Factor) - CAMO.A.305(g) and AMC & GM - INITIAL
002-O-I	Safety Training (Including Human Factor) - CAMO.A.305(g) and AMC & GM - INITIAL ONLINE
002-C-R	Safety Training (Including Human Factor) - CAMO.A.305(g) and AMC & GM - RECURRENT
002-O-R	Safety Training (Including Human Factor) - CAMO.A.305(g) and AMC & GM - RECURRENT ONLINE
003-C	EASA 2018/1139 Basic Regulation
003-O	EASA 2018/1139 Basic Regulation - ONLINE
004-C-A	EASA 748/2012 Part-21 - ADVANCED
004-C-F	EASA 748/2012 Part-21 - FAMILIARIZATION
004-C-P	EASA 748/2012 Part-21 Subpart F/G POA - ADVANCED
005-C-A	EASA 1321/2014 Part-M - ADVANCED
005-C-F	EASA 1321/2014 Part-M - FAMILIARIZATION
005-O	EASA 1321/2014 Part-M - ONLINE
006-C-A	EASA 1321/2014 Part-145 - ADVANCED
006-C-F	EASA 1321/2014 Part-145 - FAMILIARIZATION
006-O	EASA 1321/2014 Part-145 - FAMILIARIZATION ONLINE
007-C	EASA 1321/2014 Part-66
007-O	EASA 1321/2014 Part-66 - ONLINE
008-C	EASA 1321/2014 Part-147
008-O	EASA 1321/2014 Part-147 - ONLINE
009-C-A	Regulation (EU) 1178/2011 Air Crew - ADVANCED
009-C-F	Regulation (EU) 1178/2011 Air Crew - FAMILIARIZATION
009-O	Regulation (EU) 1178/2011 Air Crew - ONLINE
010-C-A	Regulation (EU) 965/2012 Air Operations - ADVANCED
010-C-F	Regulation (EU) 965/2012 Air Operations - FAMILIARIZATION
010-O	Regulation (EU) 965/2012 Air Operations - ONLINE

COURSE INDEX

CODE	COURSE NAME
011-C-A	Safety Management System - ADVANCED
011-C-F	Safety Management System - FAMILIARIZATION
011-O	Safety Management System - ONLINE (entry level)
012-C	EASA 376-2014 Occurrence Reporting
013-C	Root Cause Analysis - ENAC NAV-75
014-C	Flight Test Principles and Practices
015-C	Airworthiness Review Staff - Part-M Subpart I & M.A.706(i)
016-C	Quality and Compliance Monitoring Management
017-C	Train The Trainer
017-O	Train The Trainer - Book online
018-C	Project Management
018-O	Project Management - ONLINE
019-C	Introduction to Systems Engineering
020-C	Advanced Avionics System Design
021-C	Flight Instruments Design
022-C	Advanced Communication System Installation
023-C	Avionics Integration
024-C	Avionics Installation Design
025-C	GCS System Design & Installation
026-C	Electromagnetic Compatibility - EMC
027-C	Electrical Power Generation and Distribution
028-C	Electrical Wiring Interconnect System - EWIS
029-C	U.A.V. System Reliability and Safety

COURSE INDEX

CODE	COURSE NAME
030-C	Failure Mode Analysis - FMA
031-C	System Safety Analysis - SSA
032-C	Safety Management System - DOA Designer
033-C	EASA 748/2012 CS-23
034-C	EASA Regulation Initial Training
034-0	EASA Regulation Initial Training ONLINE
035-C	EMAR Regulation Initial Training
035-0	EMAR Regulation Initial Training ONLINE
036-C	EMAR 21
036-0	EMAR 21 ONLINE
037-C	EMAR 145
037-0	EMAR 145 ONLINE
038-C	EMAR M
038-0	EMAR M ONLINE
039-C	EMAR 66/147
039-0	EMAR 66/147 ONLINE
from 050-C to	Security courses:
053-C	<ul style="list-style-type: none"> • 050-C Aviation Security • 051-C Dangerous Goods • 052-C Airside Safety • 053-C Ground Operation

TYPE TRAINING COURSES (no 147)

CODE	COURSE NAME
100-C	Airbus Helicopters AS 350 Series - FAMILIARIZATION (no 147)
101-C	Eurocopter SA 315B – FAMILIARIZATION (no 147)
103-C	AW 139 FAMILIARIZATION (no 147)
104-C	AW 109 FAMILIARIZATION (NO 147)

147 TRAINING INDEX

CODE **COURSE NAME**

ABOUT PART-147 TRAINING

Categories & Training Modalities

AML Self-Study Courses:

- 147- BOOST** • AML Self-Study Courses: BOOST
- 147- BOOSTPRO** • AML Self-Study Courses: BOOST PRO
- 147- BRE** • AML Self-Study Courses: BRE (BOOK+REFRESH+EXAM)

Skilled Worker Courses:

Skilled Worker Priviledges

- 147- SW** • Skilled Worker: Practical Training Only
- 147- ST** • Skilled Theoretical: Theoretical Training Only
- 147- SWI** • Integrated Skilled Worker: Theoretical + Practical Training

147- BT Basic training 2400h

How to financing Integrated Skilled Worker (for italy residents only)

147 TRAINING INDEX

CODE COURSE NAME

BASIC TRAINING

147-M01	M01 - Mathematics
147-M02	M02 - Physics
147-M03	M03 - Electrical fundamentals
147-M04	M04 - Electronic fundamentals
147-M05	M05 - Digital techniques / Electronic instruments systems
147-M06	M06 - Materials and hardware
147-M07A	M07A - Maintenance practices
147-M08	M08 - Basic aerodynamics
147-M09A	M09A - Human factors
147-M10	M10 - Aviation legislation
147-M11A	M11A - Turbine aeroplanes aerodynamics, structures and systems
147-M12	M12 - Helicopter aerodynamics, structures and systems
147-M13	M13 - Aircraft aerodynamics, structures and systems
147-M14	M14 - Propulsion
147-M15	M15 - Gas turbine engine
147-M16	M16 - Piston engine
147-M17A	M17A - Propeller

147 TRAINING INDEX

CODE **COURSE NAME**

TYPE TRAINING

- 147-001** Airbus Helicopters AS350 series (Turbomeca Arriel 1 and 2)
- 147-003** Eurocopter SA 315 B (Turbomeca Artouste)
- 147-004** Agusta AB139/AW139 (PWC PT6)
- 147-005** Agusta A109 Series (PWC PW 206/207)

HOW TO READ THE COURSE CODE

Every course comes with a code, which purpose is to quickly define the main features and organize it inside the course catalogue.

The course code may be divided up to three parts:

001—C—I

The **first part (001)** is the course index, and is always indicated as a number. Every course topic has an unique index to quickly identify the course. It also indicates its position on the courses catalogue for quick reference.

The **second part (C)** is the course type, and it's indicated with a letter. There are only two course types:

- **Classroom** courses, indicated with “C” (synchronous webinar on request);
- **Online** courses indicated with “O” (on MY.FLYON.PLATFORM)

The **third part (I)** is the course variant, or course version. It is only included when the course has more than one variant, otherwise it will be omitted. Every course may have its own variant, though these are the most common one:

- **Initial** training, indicated with “I”;
- **Recurrent** training, indicated with “R”;
- **Advanced** training, indicated with “A”;
- **Familiarization** training, indicated with “F”.

#001-C-I

INITIAL SAFETY TRAINING AMO 145 (INCLUDING HUMAN FACTORS) GM1 145.A.30(E)

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

SUITABLE FOR

- Nominated persons, line managers, supervisors;
- Technical support personnel such as planners, engineers, technical record staff;
- Persons involved in compliance monitoring and/or safety management-related processes and tasks, including the application of human factors principles, internal investigations and safety training;
- Specialised services staff;
- Stores department staff, purchasing department staff;
- Ground equipment operators.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#001-C-I

**INITIAL SAFETY TRAINING AMO 145
(INCLUDING HUMAN FACTORS) GM1 145.A.30(E)**

CONTENTS

- Introduction to EU 1321/2014 Part-145
- General/Introduction to safety management and human factors
- Safety risk management
- Safety Culture/Organisational factors
- Human Error
- Human performance & limitations
- Environment
- Procedures, information, tools and practices
- Communication
- Teamwork
- Professionalism and integrity
- Organisation's safety programme

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#001-O-I

INITIAL SAFETY TRAINING AMO 145 (INCLUDING HUMAN FACTORS) GM1 145.A.30(E) - ONLINE

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

SUITABLE FOR

- Nominated persons, line managers, supervisors;
- Technical support personnel such as planners, engineers, technical record staff;
- Persons involved in compliance monitoring and/or safety management-related processes and tasks, including the application of human factors principles, internal investigations and safety training;
- Specialised services staff;
- Stores department staff, purchasing department staff;
- Ground equipment operators.

COURSE TYPE

Online Course

DURATION

8 hours

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#001-O-I

**INITIAL SAFETY TRAINING AMO 145 (INCLUDING
HUMAN FACTORS) GM1 145.A.30(E) - ONLINE**

CONTENTS

- Introduction to EU 1321/2014 Part-145
- General/Introduction to safety management and human factors
- Safety risk management
- Safety Culture/Organisational factors
- Human Error
- Human performance & limitations
- Environment
- Procedures, information, tools and practices
- Communication
- Teamwork
- Professionalism and integrity
- Organisation's safety programme

COURSE TYPE

Online Course

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#001-C-R

**RECURRENT SAFETY TRAINING AMO 145
(INCLUDING HUMAN FACTORS) GM1 145.A.30(E)**

INTRODUCTION

Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority
- Members Staff
- Maintainer

#001-C-R

**RECURRENT SAFETY TRAINING AMO 145
(INCLUDING HUMAN FACTORS) GM1 145.A.30(E)**

CONTENTS

- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#001-O-R

**RECURRENT SAFETY TRAINING AMO 145
(INCLUDING HUMAN FACTORS) GM1 145.A.30(E) -
ONLINE**

INTRODUCTION

Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams.

COURSE TYPE

Online Course

DURATION

6 hours

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority
- Members Staff
- Maintainer

#001-O-R

**RECURRENT SAFETY TRAINING AMO 145
(INCLUDING HUMAN FACTORS) GM1 145.A.30(E) -
ONLINE**

CONTENTS

- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Online Course

DURATION

6 hours

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#002-C-I

SAFETY TRAINING (INCLUDING HUMAN FACTOR) - CAMO.A.305(G) AND AMC & GM - INITIAL

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

SUITABLE FOR SUITABLE FOR

- Nominated persons, line managers;
- Persons involved in any compliance monitoring and/or safety management related processes and tasks, including application of HF principles, internal investigations and safety training;
- Airworthiness review staff;
- Technical support personnel such as, planners, engineers, and technical record staff;
- Personnel involved in developing and amending/reviewing the AMP, in assessing its effectiveness and/or working on reliability programme;
- Contract staff in the above categories.

#002-C-I

SAFETY TRAINING (INCLUDING HUMAN FACTOR) - CAMO.A.305(G) AND AMC & GM - INITIAL

CONTENTS

- Introduction to EU 1321/2014 Part-CAMO
- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Safety Management system
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#002-O-I

SAFETY TRAINING (INCLUDING HUMAN FACTOR) - CAMO.A.305(G) AND AMC & GM - INITIAL ONLINE

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

COURSE TYPE

Online Course

DURATION

7 hours

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

SUITABLE FOR

- Nominated persons, line managers;
- Persons involved in any compliance monitoring and/or safety management related processes and tasks, including application of HF principles, internal investigations and safety training;
- Airworthiness review staff;
- Technical support personnel such as, planners, engineers, and technical record staff;
- Personnel involved in developing and amending/reviewing the AMP, in assessing its effectiveness and/or working on reliability programme;
- Contract staff in the above categories.

#002-O-I

**SAFETY TRAINING (INCLUDING HUMAN
FACTOR) - CAMO.A.305(G) AND AMC & GM -
INITIAL ONLINE**

CONTENTS

- Introduction to EU 1321/2014 Part-CAMO
- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Safety Management system
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Online Course

DURATION

7 hours

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#002-C-R

SAFETY TRAINING (INCLUDING HUMAN FACTOR) - CAMO.A.305(G) AND AMC & GM - RECURRENT

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

SUITABLE FOR

- Nominated persons, line managers;
- Persons involved in any compliance monitoring and/or safety management related processes and tasks, including application of HF principles, internal investigations and safety training;
- Airworthiness review staff;
- Technical support personnel such as, planners, engineers, and technical record staff;
- Personnel involved in developing and amending/reviewing the AMP, in assessing its effectiveness and/or working on reliability programme;
- Contract staff in the above categories.

#002-C-R

**SAFETY TRAINING (INCLUDING HUMAN
FACTOR) - CAMO.A.305(G) AND AMC & GM -
RECURRENT**

CONTENTS

- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Safety Management system
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#002-O-R

SAFETY TRAINING (INCLUDING HUMAN FACTOR) - CAMO.A.305(G) AND AMC & GM - RECURRENT ONLINE

INTRODUCTION

Safety and Human Factors covers a range of issues including the perceptual, physical and mental capabilities, the interaction and effects on individuals of their job and working environments. Objectives: understanding and identify the nature of Human Error; Reduce human error working under the stress and fatigue; Identify strategies for reducing Human Error; Adopt a non-punitive policy toward human error (not violations); Identify threats of repetitive tasks before they become errors, empowering the Visual inspection; control and implement correct communication within and between teams; Hazard identification; Mitigation and management of risk; Safety culture.

SUITABLE FOR

- Nominated persons, line managers;
- Persons involved in any compliance monitoring and/or safety management related processes and tasks, including application of HF principles, internal investigations and safety training;
- Airworthiness review staff;
- Technical support personnel such as, planners, engineers, and technical record staff;
- Personnel involved in developing and amending/reviewing the AMP, in assessing its effectiveness and/or working on reliability programme;
- Contract staff in the above categories.

COURSE TYPE

Online Course

DURATION

6 hours

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#002-O-R

**SAFETY TRAINING (INCLUDING HUMAN
FACTOR) - CAMO.A.305(G) AND AMC & GM -
RECURRENT ONLINE**

CONTENTS

- Introduction to “Human Factors”
- Safety Culture / Organizational factors
- Safety Management system
- Human Error
- Human performances & limitations
- Environment
- Procedures, information, tools and practice
- Communication
- Teamwork
- Professionalism and integrity
- Organization’s HF program

COURSE TYPE

Online Course

DURATION

6 hours

LANGUAGE

English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#003-C

EASA 2018/1139

BASIC REGULATION

INTRODUCTION

The course is about the EASA Regulation 2018/1139, also known as Basic Regulation.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority
- Member Staff
- Maintainer

CONTENTS

- Principles
- Aviation safety management
- Substantive requirements
- Joint certification oversight and enforcement system
- The European union aviation safety agency
- Final provisions
- Annexes

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#003-0

EASA 2018/1139 BASIC REGULATION ONLINE

INTRODUCTION

The course is about the EASA Regulation 2018/1139, also known as Basic Regulation.

COURSE TYPE
Online Course

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority
- Member Staff
- Maintainer

DURATION
6 hours

LANGUAGE
Italian / English

CONTENTS

- Principles
- Aviation safety management
- Substantive requirements
- Joint certification oversight and enforcement system
- The European union aviation safety agency
- Final provisions
- Annexes

FINAL EXAM
Yes

CERTIFICATE
FlyOn.Aero
Certificate

#004-C-A

EASA 748/2012 PART-21 ADVANCED

INTRODUCTION

This course is about the EASA Regulation 748/2012 and its amendments for airworthiness and environmental certification. It will cover Annex I (Part-21).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maitainer

CONTENTS

- General arrangement
- Certificates and restrictions
- Production Organization Approval
- Design organization Approval
- Parts and appliances
- Reparations
- European Technical Standard Order Authorizations
- Permit to fly
- Products, parts and appliances identification
- Competent authorities procedures

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

5 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#004-C-F

EASA 748/2012

PART-21 FAMILIARIZATION

INTRODUCTION

This course is about the EASA Regulation 748/2012 and its amendments for airworthiness and environmental certification. It will cover Annex I (Part-21).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- General arrangement
- Certificates and restrictions
- Production Organization Approval
- Design organization Approval
- Parts and appliances
- Reparations
- European Technical Standard Order
- Authorizations
- Permit to fly
- Products, parts and appliances identification
- Competent authorities procedures

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#004-C-P

EASA 748/2012 PART-21 SUBPART F/G POA ADVANCED

INTRODUCTION

This course is about the EASA Regulation 748/2012 and its amendments for airworthiness and environmental certification. It will cover Annex I (Part-21), specifically the subpart F and G relative to POA (Production Organisation Approval).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Production without Production Organisation Approval
- Production Organization Approval

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#005-C-A

EASA 1321/2014 PART-M ADVANCED

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex I (Part-M).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Technical requirements
- Responsibility
- Continuing airworthiness
- Standard maintenance
- Components
- Maintenance organization
- Continuing Airworthiness Management
- Certificate of Release to service—CRS
- Airworthiness Review Certificate

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#005-C-F

EASA 1321/2014

PART-M FAMILIARIZATION

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex I (Part-M).

COURSE TYPE

Classroom Course
(or synchronous webinar)

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION

1 day

CONTENTS

- Technical requirements
- Responsibility
- Continuing airworthiness
- Standard maintenance
- Components
- Maintenance organization
- Continuing Airworthiness Management
- Certificate of Release to service—CRS
- Airworthiness Review Certificate

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#005-O

EASA 1321/2014 PART-145 FAMILIARIZATION ONLINE

INTRODUCTION

This Course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex II (Part-145).

COURSE TYPE
Online Course

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION
3 hours

CONTENTS

- Areas of applications
- Application
- Approval condition
- Infrastructures requirements
- Personnel requirements
- Certifying staff and support staff
- Equipment, tools and materials
- Member eligibility
- Maintenance data
- Production planning
- Maintenance certifications
- Maintenance notes
- Events report
- Security and quality policy, maintenance procedures and quality system
- Maintenance organization
- Organization privileges
- Organization limitations
- Organization changes
- Continuing validity

LANGUAGE
Italian / English

FINAL EXAM
Yes

CERTIFICATE
FlyOn.Aero
Certificate

#006-C-A

EASA 1321/2014 PART-145 ADVANCED

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex II (Part-145).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Areas of applications
- Application
- Approval condition
- Infrastructures requirements
- Personnel requirements
- Certifying staff and support staff
- Equipment, tools and materials
- Member eligibility
- Maintenance data
- Production planning
- Maintenance certifications
- Maintenance notes
- Events report
- Security and quality policy, maintenance procedures and quality system
- Maintenance organization
- Organization privileges
- Organization limitations
- Organization changes
- Continuing validity

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#006-C-F

EASA 1321/2014

PART-145 FAMILIARIZATION

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex II (Part-145).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Areas of applications
- Application
- Approval condition
- Infrastructures requirements
- Personnel requirements
- Certifying staff and support staff
- Equipment, tools and materials
- Member eligibility
- Maintenance data
- Production planning
- Maintenance certifications
- Maintenance notes
- Events report
- Security and quality policy, maintenance procedures and quality system
- Maintenance organization
- Organization privileges
- Organization limitations
- Organization changes
- Continuing validity

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#006-0

EASA 1321/2014

PART-145 FAMILIARIZATION ONLINE

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex II (Part-145).

COURSE TYPE
Online Course

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION
3 hours

CONTENTS

- Areas of applications
- Application
- Approval condition
- Infrastructures requirements
- Personnel requirements
- Certifying staff and support staff
- Equipment, tools and materials
- Member eligibility
- Maintenance data
- Production planning
- Maintenance certifications
- Maintenance notes
- Events report
- Security and quality policy, maintenance procedures and quality system
- Maintenance organization
- Organization privileges
- Organization limitations
- Organization changes
- Continuing validity

LANGUAGE
Italian / English

FINAL EXAM
Yes

CERTIFICATE
FlyOn.Aero
Certificate

#007-C

EASA 1321/2014 PART-66

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex III (Part-66).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Technical requirements
- Procedures for competent authority
- Issue of an aircraft maintenance license
- Examinations
- Conversion of certifying staff qualifications
- Examination credits
- Continuing oversight

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#007-0

EASA 1321/2014 PART-66 ONLINE

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex III (Part-66).

COURSE TYPE
Online Course

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION
1 hour

CONTENTS

- Technical requirements
- Procedures for competent authority
- Issue of an aircraft maintenance license
- Examinations
- Conversion of certifying staff qualifications
- Examination credits
- Continuing oversight

LANGUAGE
Italian / English

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#008-C

EASA 1321/2014 PART-147

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex IV (Part-147).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Technical requirements
- Organisational Requirements
- Approved Basic Training Course
- Aircraft Type/Task Training
- Procedures for Competent Authorities
- Issue of an Approval
- Revocation, suspension and limitation of the maintenance training organisation approval

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#008-O

EASA 1321/2014 PART-147 ONLINE

INTRODUCTION

This course is about the EASA Regulation 1321/2014 and its amendments for continuing airworthiness. It will cover Annex IV (Part-147).

COURSE TYPE
Online Course

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION
1 hour

CONTENTS

- Technical requirements
- Organisational Requirements
- Approved Basic Training Course
- Aircraft Type/Task Training
- Procedures for Competent Authorities
- Issue of an Approval
- Revocation, suspension and limitation of the maintenance training organisation approval

LANGUAGE
Italian / English

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#009-C-A

REGULATION (EU) 1178/2011

AIR CREW - ADVANCED

INTRODUCTION

This course is about the EASA Regulation 1178/2011 and its amendments for aircrew.

COURSE TYPE

Classroom Course
(or synchronous webinar)

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Members Staff

DURATION

2 days

CONTENTS

- Introduction to Regulation 2018/1139
- Regulation (EU) 1178/2011 Air Crew (as amended)
- Definitions
- Annex I
- Annex II
- Annex III
- Annex IV
- Regulation (EU) 290/2012
- Part-CC
- Part-ARA
- Part-ORA
- Approved Training Organisations (ATO)
- Regulation (EU) 71/2014

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#009-C-F

REGULATION (EU) 1178/2011 AIR CREW - FAMILIARIZATION

INTRODUCTION

This course is about the EASA Regulation 1178/2011 and its amendments for aircrew.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Members Staff

CONTENTS

- Regulation (EU) 1178/2011 Air Crew (as amended)
- Definitions
- Annex I
- Annex II
- Annex III
- Annex IV
- Regulation (EU) 290/2012
- Part-CC
- Part-ARA
- Part-ORA
- Approved Training Organisations (ATO)
- Regulation (EU) 71/2014

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#009-0

REGULATION (EU) 1178/2011

AIR CREW - ONLINE

INTRODUCTION

This course is about the EASA Regulation 1178/2011 and its amendments for aircrew.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Members Staff

CONTENTS

- Regulation (EU) 1178/2011 Air Crew (as amended)
- Definitions
- Annex I
- Annex II
- Annex III
- Annex IV
- Regulation (EU) 290/2012
- Part-CC
- Part-ARA
- Part-ORA
- Approved Training Organisations (ATO)
- Regulation (EU) 71/2014

COURSE TYPE
Online Course

DURATION
1 hour

LANGUAGE
Italian / English

FINAL EXAM
Yes (option)

CERTIFICATE
FlyOn.Aero
Certificate

#010-C-A

REGULATION (EU) 965/2012 AIR OPERATIONS - ADVANCED

INTRODUCTION

This course is about the EASA Regulation 965/2012 and its amendments for air operations.

SUITABLE FOR

- Accountable Managers
- Operators and pilots who need an introduction to
- Regulation Air Operations
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Personnel

CONTENTS

- General overview of the European aviation regulation
- Introduction to European Aviation Safety Agency (EASA/Agency)
- Introduction to Regulation 2018/1139
- EASA Air Operations - Structure
- EASA Air Operations - General overview of the
- Annexes (Parts)
- Regulation (EU) 965/2012 Air Operations (as amended)
- Easy Access to Air Operations
- Definitions
- Part-ORO: Organisation Requirements Operations
- Part-CAT: Commercial Air Transport Operations
- Part-SPA: Specific Approvals
- Non-Commercial Complex Operations (NCC)
- Non-Commercial Other Operations (NCO)
- Specialized Operations (SPO)

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#010-C-F

REGULATION (EU) 965/2012 AIR OPERATIONS - FAMILIARIZATION

INTRODUCTION

This course is about the EASA Regulation 965/2012 and its amendments for air operations.

COURSE TYPE

Classroom Course
(or synchronous webinar)

SUITABLE FOR

- Accountable Managers
- Operators and pilots who need an introduction to Regulation Air Operations
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Members Staff

DURATION

1 day

CONTENTS

- Introduction to Regulation 2018/1139
- Regulation (EU) 965/2012 Air Operations (as amended)
- Definitions
- Part-ORO: Organisation Requirements
- Operations
- Part-CAT: Commercial Air Transport
- Operations
- Part-SPA: Specific Approvals
- Non-Commercial Complex Operations (NCC)
- Non-Commercial Other Operations (NCO)
- Specialized Operations (SPO)

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#010-0

REGULATION (EU) 965/2012 AIR OPERATIONS - ONLINE

INTRODUCTION

This course is about the EASA Regulation 965/2012 and its amendments for air operations.

COURSE TYPE
Online Course

SUITABLE FOR

- Accountable Managers
- Operators and pilots who need an introduction to Regulation Air Operations
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Members Staff

DURATION
1 hour

LANGUAGE
Italian / English

CONTENTS

- Introduction to Regulation 2018/1139
- Regulation (EU) 965/2012 Air Operations (as amended)
- Definitions
- Part-ORO: Organisation Requirements
- Operations
- Part-CAT: Commercial Air Transport
- Operations
- Part-SPA: Specific Approvals
- Non-Commercial Complex Operations (NCC)
- Non-Commercial Other Operations (NCO)
- Specialized Operations (SPO)

FINAL EXAM
Yes (option)

CERTIFICATE
FlyOn.Aero
Certificate

#011-C-A

SAFETY MANAGEMENT SYSTEM ADVANCED

INTRODUCTION

This course is specifically designed to give a basic understanding of the elements and functions involved in a compliant ICAO Safety Management System (SMS) and EASA Management System (SM).

SUITABLE FOR

- Accountable Managers for Approved Training Organisations, Air Operators, Aerodromes, ATC Services
- Safety Management Staff
- Certifying Staff
- Quality Staff
- Flight Operations Staff
- Competent Authority Personnel
- Military Safety Personnel

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#011-C-A

SAFETY MANAGEMENT SYSTEM ADVANCED

CONTENTS

- SMS Introduction
 1. ICAO Annex 19 Safety Management System
 2. ICAO Doc 9859 AN/474—Safety Management Manual
 3. ICAO Annex 6 Part III Appendix 4—Framework for Safety management System—and Attachment F—Flightsafety document system
 4. State Safety Programme(SSP and Safety Management System)
 - EASA Regulatory Requirements
 - Safety & Compliance Management techniques required in ORO and ORA.GEN.200
 - ICAO Four Pillars/Components
 - Basic safety concepts
 - Introduction to safety management
 - Hazards
 - Risk Management and Risk assessment
 - SMS planning
 - SMS operations
 - Management of Change (MoC)
 - Gas analysis
 - Phased approach to SMS Implementation

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#011-C-F

SAFETY MANAGEMENT SYSTEM FAMILIARIZATION

INTRODUCTION

This course is specifically designed to give a basic understanding of the elements and functions involved in a compliant ICAO Safety Management System (SMS) and EASA Management System (SM).

SUITABLE FOR

- Accountable Managers for Operations, Approved
- Training Organisations, Air Operators, Aerodromes, ATC Services
- Safety Management Staff
- Certifying Staff
- Quality Staff
- Competent Authority Personnel
- Military Safety Personnel

CONTENTS

- SMS Introduction
- ICAO Annex 19 Safety Management System
- ICAO Doc 9859 AN/474—Safety Management
- Manual
- State Safety Programme (SSP and Safety Management System)
- EASA Regulatory Requirements
- ICAO Four Pillars /Components
- Basic safety concepts
- Introduction to safety management
- Hazards
- Risk definition and Risk assessment
- Management of Change (MoC)
- Gas analysis

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#011-0

SAFETY MANAGEMENT SYSTEM ONLINE (ENTRY LEVEL)

INTRODUCTION

This course is specifically designed to give a basic understanding of the elements and functions involved in a compliant ICAO Safety Management System (SMS) and EASA Management System (SM).

COURSE TYPE
Online Course

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Staff
- Competent Authority
- Member Staff

DURATION
1 hour

CONTENTS

- International Civil Aviation Organization (ICAO)
- Standards And Recommended Practices (SARPs)
- Safety management SARPs
- ICAO works
- The ICAO Annexes
- ICAO Safety Management System
- Why a New Annex?
- Transfer of common SSP/SMS elements from the existing
- ICAO Annexes
- ICAO Annex 19 – Contents
- Status of Annex components
- What is new in Annex 19,1st edition ?
- SSP/SMS Components
- ICAO Safety Management Manual (SMM)
- EASA - Safety Management System (SMS)
- Safety Management at the EU level
- What are Keywords in Aviation Safety Management Systems?

LANGUAGE
Italian / English

FINAL EXAM
Yes

CERTIFICATE
FlyOn.Aero
Certificate

#012-C

EASA 376-2014 OCCURRENCE REPORTING

INTRODUCTION

This course is about the EASA Regulation 376/2014 and its amendments for occurrence reporting.

COURSE TYPE

Classroom Course
(or synchronous webinar)

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Staff
- Competent Authority
- Member Staff

DURATION

1 day

CONTENTS

- Regulation (EU) 2018/1139 overview Legal Bases of:
- Regulation (EU) 376/2014
- Regulation (EU) 996/2010
- Commission Implementing Regulation (EU) 2015/1018
- Legislative Decree No 18 of 14 January 2013

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#013-C

ROOT CAUSE ANALYSIS

ENAC NAV-75

INTRODUCTION

This course is based on the airworthiness circular of the Italian Civil Aviation Authority (ENAC NAV 75) about root cause analysis.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority Member Staff Maintainer

CONTENTS

- NAV 75
- Aircraft Continuing Airworthiness Monitoring

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#014-C

FLIGHT TEST PRINCIPLES AND PRACTICES

INTRODUCTION

This course introduces and defines the basic flight test process, application of engineering principles to flight tests and describes the common flight test practices.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority Member Staff
- Maintainer

CONTENTS

- Performance estimation
- Instrumentation
- Load survey
- Special Testing Problems
- External equipment installation and their impact on performance
- Avionics installation
- Flight Test Planning and Implementation

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#015-C

AIRWORTHINESS REVIEW STAFF PART-M SUBPART I & M.A.706(I)

INTRODUCTION

This course gives a practical application of the requirement to develop the required processes and procedures for a Part-M G&I organization.

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority Member Staff
- Maintainer

CONTENTS

- Airworthiness Review
- Validity of the Airworthiness Review Certificate Transfer of aircraft registration within the EU
- Airworthiness review of aircraft imported into the EU

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

1 day

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#016-C

QUALITY AND COMPLIANCE MONITORING MANAGEMENT

INTRODUCTION

This course is about how to identify under-performing processes and systemic failures and unlock the potential for system improvements and reduce exposure to corporate risks.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority Member Staff

CONTENTS

- Quality Management principles
- Management and control
- Quality Manager & Compliance Monitoring manager (Rif. M.706, M.712, 145.A.30, ORO.GEN.200)
- Gurus
- Building Quality & Compliance Monitoring Management
- System (QMS)
- Quality standards
- ISO
- Processes
- Measurement
- Audit ISO 9001
- The price of quality
- Quality, safety and environment integration
- Documents
- Quality areas
- Development
- Terminology

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#017-C

TRAIN THE TRAINER

INTRODUCTION

The course is about how to become a qualified trainer, covering methods of planning, evaluation, use of material such slides, images, videos and documents and overcome of difficult situations.

SUITABLE FOR

- Lecturers

CONTENTS

- Training Techniques for teaching material preparation
- Training techniques for class participation preparation
- Training techniques for class management
- Training techniques for technical support use
- Training techniques for intermediate and final evaluation

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

4 Hours

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#017-0

TRAIN THE TRAINER BOOK ONLINE

INTRODUCTION

The course is about how to become a qualified trainer, covering methods of planning, evaluation, use of material such slides, images, videos and documents and overcome of difficult situations.

SUITABLE FOR

- Lecturers

CONTENTS

- Training Techniques for teaching material preparation
- Training techniques for class participation preparation
- Training techniques for class management
- Training techniques for technical support use
- Training techniques for intermediate and final evaluation

COURSE TYPE

Online Course

DURATION

1 Hour

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#018-C

PROJECT MANAGEMENT

INTRODUCTION

This course is designed for people who want to maximize their time and increase their return on investment. This course gives the essential tools a person needs to deliver successful projects on time, on budget and in scope.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority
- Members Staff

CONTENTS

- Introduction
- Project life and organization
- Project management knowledge areas
- Project management methods
- Microsoft Project

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#018-0

PROJECT MANAGEMENT ONLINE

INTRODUCTION

This course is designed for people who want to maximize their time and increase their return on investment. This course gives the essential tools a person needs to deliver successful projects on time, on budget and in scope.

SUITABLE FOR

- Accountable Managers
- Management Personnel
- Certifying Staff
- Quality Personnel
- Competent Authority
- Members Staff

CONTENTS

- Introduction
- Project life and organization
- Project management knowledge areas
- Project management methods
- Microsoft Project

COURSE TYPE

Online Course

DURATION

12 hours

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#019-C

INTRODUCTION TO SYSTEMS ENGINEERING

INTRODUCTION

The course presents the fundamentals of systems engineering and is structured to provide an overview of the systems engineering practices.

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

- Introduction
- Systems Engineering Process
- The systems Engineering in the System
- Development Cycle
- Systems Engineering—Methods and tools
- Systems Engineering Program Planning, Organization and Management

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#020-C

ADVANCED AVIONICS SYSTEM DESIGN

INTRODUCTION

This course provides a comprehensive presentation of the process, methods and techniques for the system design of state of the art avionic systems.

CONTENTS

- Basic Systems Engineering concepts
- Operational and Mission Requirements
- Avionics Systems Architectures
- Functional partitioning, computing and internal communications
- Integrated Modular Avionics (IMA)
- Safety and mission critical functions
- Typical avionics subsystems and equipment
- Software architectures and design process
- Redundancy management techniques and challenges
- Fault tolerant design
- Human factors/flight desk design: automation, function allocation trades, design guidelines, modern examples
- Avionics Systems design process
- Avionics System development methods and tools
- Quality and Safety aspects
- Qualification and certification requirements
- Certification guidelines/process, software criticality,
- Fault Hazard Analysis (FHA), Failure Modes and Effects Analysis (FMEA)

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days theoretical
3 days practical/
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#021-C

FLIGHT INSTRUMENTS DESIGN

INTRODUCTION

This course is part of the avionic courses program and is about the flight instruments design.

CONTENTS

- History and evolution of Flight Instruments
- Cockpit Design and Human Factors
- Overview of Traditional Flight Instruments
- Electronic Flight Instruments, Glass Cockpit
- Cockpit design and layout
- Aircraft warnings and alerts
- Redundancy management and Reversionary Flight Instruments
- Visual Flight Rules (VFR) and Instrument Flight Rules (IFR)
- Certification Requirements
- Introduction to GCS HMI

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days theoretical
2 days practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#022-C

ADVANCED COMMUNICATION SYSTEM INSTALLATION

INTRODUCTION

This course is part of the avionic courses program and is about the advanced communication system installation.

CONTENTS

- History, Basic Radio Principles, Frequency Bands, Transmitters, Receivers, Antennas
- Overview of Airborne Communications
- Systems and Equipment
- Installation of Communication Equipment
- Reducing Radio Interference
- Post installation ground testing of Communications Equipment
- Antennas installation and testing
- Communications flight testing
- Certification Requirements
- Specific requirements for RPAS Communications

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days theoretical
1 day practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#023-C

AVIONICS INTEGRATION

INTRODUCTION

This course provides a comprehensive overview to the process, methods, techniques and tools for the avionic systems integration.

CONTENTS

- A preliminary overview of the Avionic System Development Cycle
- A general description of the typical avionics architectures
- A detailed analysis of the avionic system integration process, including the integration approach and the activities to be performed during the entire system integration cycle, from the initial bench testing to the operational validation, including the integration on the aircraft and the ground and flight testing
- A detailed description of the methods and tools that are currently used for the avionics integration. This also includes modern modeling and simulation techniques
- Quality and safety aspects

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days theoretical
3 days practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#024-C

AVIONICS INSTALLATION DESIGN

INTRODUCTION

This course is designed to provide the student with basic skills and knowledge to design, develop, plan and perform the mechanical and electrical installation of a typical avionics suite.

CONTENTS

- Installation planning
- Manuals and Diagrams
- Installation Drawings
- Connectors and Pin Numbers
- Installation considerations, procedures, methods and techniques
- Manufacturer's Instructions
- Certification Requirements
- Equipment Location
- Environmental Requirements
- Cooling
- Antennas Location
- Mounting Avionics
- ARINC MCU case sizes
- ATR case sizes
- Locking Systems
- Antennas Installation
- Electrical Interface
- Connectors
- Wiring
- New Installations

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days theoretical
2 days practical/
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#025-C

GCS SYSTEM DESIGN & INSTALLATION

INTRODUCTION

This course is part of the avionic courses program and is about the Ground Control Station System design and installation.

COURSE TYPE

Classroom Course
(or synchronous webinar)

CONTENTS

- RPAS Operational and Functional Requirements
- RPAS Systems Architecture
- Ground Control Station (GCS) Operational and Functional Requirements
- Air Vehicle Control
- Payload Control
- Mission Planning
- System Diagnostics
- Operators Training
- Post Flight Analysis
- Interoperability
- Human Factors
- GCS Systems Architecture

DURATION

3 days theoretical
3 days practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#026-C

ELECTROMAGNETIC COMPATIBILITY (EMC)

INTRODUCTION

This course is part of the avionic courses program and is about the electromagnetic compatibility (EMC).

CONTENTS

- Terminology
- Fundamentals of Electromagnetic Compatibility
- Emissions/Compatibility
- Immunity/Susceptibility
- Approaches for Electromagnetic Compatibility
- Overview of MIL-STD-461F – an equipment level interface standard
- Overview of MIL-STD-464C – a system level interface standard
- Overview of MIL-STD-704 – a platform power quality standard
- RTCA/DO-160E/F
- Equipment circuit design
- System installation design
- Aircraft arrangement and structure design
- Bonding and grounding
- Antenna to antenna coupling analysis
- Antenna placement considerations
- Aircraft EMC Regulatory Requirements
- EMC/EMI tests for Aerospace
- Aircraft EMC Verification
- Aircraft tests
- System and equipment qualification
- EMC/HIRF effects on aircraft
- Lightning effects on aircraft
- HIRF/EMC test methods

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

4 days theoretical
2 days practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#027-C

ELECTRICAL POWER GENERATION AND DISTRIBUTION

INTRODUCTION

This course is part of the aviation courses program and is about the electrical power generation and distribution.

CONTENTS

- Aircraft Electrical Power Sources
- Aircraft Primary Power Sources
- Aircraft Secondary Power Sources
Emergency/Backup Power Sources
- AC Power Generation
- DC Power Generation
- Battery Installation and Operation
- Controls and Regulation
- Power Distribution
- Circuit Protection
- External and Ground Power
- Load Analysis

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days theoretical
2 days practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#028-C

ELECTRICAL WIRING INTERCONNECT SYSTEM - EWIS

INTRODUCTION

This course is part of the avionic courses program and is about the electrical wiring interconnect system (EWIS)

CONTENTS

- General Electrical Wiring Interconnection System
- Practices
- Wiring Practices Documentation
- Inspection
- Housekeeping
- Wire
- Connective Devices

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

2 days theoretical
1 day practical /
exercises

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#029-C

U.A.V. SYSTEM RELIABILITY AND SAFETY ENGINEERING

INTRODUCTION

This course presents the fundamentals of systems engineering and is structured to provide an overview of the systems engineering practices. It explains the system engineering process across the entire system life cycle and analyse all the critical activities and responsibilities of the systems engineers during the system development phases, from the definition of the operational requirements to the system verification and validation activities.

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Competent Authority Members Staff
- Maintainer

CONTENTS

- Introduction to Systems Engineering applied to Mission Systems
- Systems Engineering applied to U.A.V.
- Reliability and Security
- Workshop and practical exercises

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#030-C

FAILURE MODE ANALYSIS (FMA)

INTRODUCTION

This course is about the process of reviewing as many components, assemblies and subsystems as possible to identify potential failure modes in a system and their causes and effect.

INTERESTED?

Please contact us and we will gladly present you a course training program dedicated to your needs.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#031-C

SYSTEM SAFETY ANALYSIS (SSA)

INTRODUCTION

This course is about the procedures to perform a system safety analysis (SSA).

CONTENTS

- Introduction
- System Safety Concepts
- Safety Assessment Process
- ARP4761
- Safety Assessment Process
- Safety Assessment Overview
- Functional Hazard Assessment
- System Safety Assessment
- Verification Means Used for Aircraft
- Certification
- Safety Assessment Analysis Methods
- 23.1309-LE
- MIL-STD-882E
- AMC RPAS.1309
- Safety Assessment Analysis Methods
- Fault tree Analysis/Dipendence Diagram/
- Marlow Analysis (FTA/DD/MA)
- Failure Modes and Effects Analysis (FMEA)
- Failure Modes and Effects Summary (FMES)
- Common Cause Analysis (CCA)
- Zonal Safety Analysis (ZSA)
- Particular Risks Analysis (ZSA)
- Common Mode Analysis (CMA)
- Pratical & Exercises

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#032-C

SAFETY MANAGEMENT SYSTEM DOA DESIGNER

INTRODUCTION

This course is about the embodiment of safety management system (SMS) requirements into Part-145 and Part 21.

INTERESTED?

Please contact us and we will gladly present you a course training program dedicated to your needs.

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian / English

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#033-C

EASA 748/2012 CS-23

INTRODUCTION

This course is about the EASA Regulation 748/2012 and its amendments for airworthiness and environmental certification. Specifically, it details the applicable rules on normal-category airplanes (CS-23).

CONTENTS

- ED Decision 2017/013/R
- Explanatory Note to Decision 2017/013/R
- CS-23 Introduction
- CS-23 Amendment 5

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

English/Italian

FINAL EXAM

Yes (option)

CERTIFICATE

FlyOn.Aero
Certificate

#034-C

EASA REGULATION INITIAL TRAINING

INTRODUCTION

This course gives a general introduction to the EASA Regulation and its structure.

SUITABLE FOR

Interested participants for a first approach to:

- Regulation
- Regulation recurrent training

CONTENTS

- EASA Basic Regulation
2018/1139 Initial Airworthiness
- Continuing Airworthiness
- Air Crew
- Air Operations

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up to 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#034-O

EASA REGULATION INITIAL TRAINING ONLINE

INTRODUCTION

This course gives a general introduction to the EASA Regulation and its structure.

COURSE TYPE
Online Course

SUITABLE FOR

Interested participants for a first approach to:

- Regulation
- Regulation recurrent training

DURATION
6-12 hours

CONTENTS

- EASA Basic Regulation 2018/1139
Initial Airworthiness
- Continuing Airworthiness
- Air Crew
- Air Operations

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#035-C

EMAR REGULATION INITIAL TRAINING

INTRODUCTION

This course gives a general introduction to the EMAR Regulation and its structure.

SUITABLE FOR

Interested participants for a first approach to

- Regulation
- Regulation recurrent training

CONTENTS

- EMAR organization overview
- EMAR INITIAL AIRWORTHINESS
- EMAR 21
- DOA Subpart J
- POA Subpart F
- POA Subpart G
- CONTINUING AIRWORTHINESS
- EMAR-M (Continuing Airworthiness management organization)
- EMAR-145 (Approved Maintenance Organization)
- EMAR-66 (Licence AML)
- EMAR-147 (Maintenance Training Organization Approved)

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#035-0

EMAR REGULATION INITIAL TRAINING ONLINE

INTRODUCTION

This course gives a general introduction to the EMAR Regulation and its structure.

COURSE TYPE
Online Course

SUITABLE FOR

Interested participants for a first approach to

- Regulation
- Regulation recurrent training

DURATION
6-12 hours

CONTENTS

- EMAR organization overview
- EMAR INITIAL AIRWORTHINESS
- EMAR 21
- DOA Subpart J
- POA Subpart F
- POA Subpart G
- CONTINUING AIRWORTHINESS
- EMAR-M (Continuing Airworthiness management organization)
- EMAR-145 (Approved Maintenance Organization)
- EMAR-66 (Licence AML)
- EMAR-147 (Maintenance Training Organization Approved)

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#036-C

EMAR 21

INTRODUCTION

This course is about the EMAR Regulation based on EASA 748/2012 and its amendments for airworthiness and environmental certification. It will cover Annex I (Part-21).

SUITABLE FOR

- Certifying Staff
- Technicians
- Maintainer
- Quality Personnel

CONTENTS

- General Provisions
- Military Type Certificates and military restricted type certificates
- Military Production organisation approval
- Military certificates and restricted certificates of airworthiness
- Military design organisation approval
- Parts & Appliances
- Reparations
- Military technical standard order authorisations
- Military permit to fly
- Identification of products, parts & Appliances

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up to 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#036-O

EMAR 21 - ONLINE

INTRODUCTION

This course is about the EMAR Regulation based on EASA 748/2012 and its amendments for airworthiness and environmental certification. It will cover Annex I (Part-21).

SUITABLE FOR

- Certifying Staff
- Technicians
- Maintainer
- Quality Personnel

CONTENTS

- General Provisions
- Military Type Certificates and military restricted type certificates
- Military Production organisation approval
- Military certificates and restricted certificates of airworthiness
- Military design organisation approval
- Parts & Appliances
- Reparations
- Military technical standard order authorisations
Military permit to fly
- Identification of products, parts & Appliances

COURSE TYPE
Online Course

DURATION
4 hours

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#037-C

EMAR 145

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex II (Part-145).

SUITABLE FOR

- Accountable Manager
- Certifying Staff
- Technicians
- Maintainer

CONTENTS

- Technical requirements
- Facility requirements
- Personnel requirements
- Certifying Staff & Support Staff
- Equipment, tools and materials
- Acceptance components
- Maintenance data & planning
- Certification of maintenance
- Maintenance organisation exposition
- Continued validity of approval

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up to 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#037-O

EMAR 145 - ONLINE

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex II (Part-145).

COURSE TYPE
Online Course

SUITABLE FOR

- Accountable Manager
- Certifying Staff
- Technicians
- Maintainer

DURATION
2 hours 30 minutes

CONTENTS

- Technical requirements
- Technical requirements
- Facility requirements
- Personnel requirements
- Certifying Staff & Support Staff
- Equipment, tools and materials
- Acceptance components
- Maintenance data & planning
- Certification of maintenance
- Maintenance organisation exposition
- Continued validity of approval

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#038-C

EMAR M

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex I (Part-M).

SUITABLE FOR

- Accountable Manager
- Continuing Airworthiness
- Manager Technicians
- Quality Manager

CONTENTS

- Technical requirements
- Facility requirements
- Personnel requirements
- Certifying Staff & Support
- Staff Equipment, tools and materials

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up to 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#038-O

EMAR M - ONLINE

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex I (Part-M).

SUITABLE FOR

- Accountable Manager
- Certifying airworthiness manager
- Technicians
- Quality Manager

CONTENTS

- Technical requirements
- Facility requirements
- Personnel requirements
- Certifying Staff & Support Staff
- Equipment, tools and materials

COURSE TYPE
Online Course

DURATION
2 hours

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#039-C

EMAR 66/147

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex III and IV (Part-66 and Part-147).

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

CONTENTS

Part-66

- Technical requirements
- Military Aircraft Maintenance License (MAML)
- Validity of MAML
- Part -147
- Technical requirements
- Organisational requirements
- Approved Basic Training Course
- Aircraft type/task training
- Procedures for Competent Authority
- Issue of an Approval
- Maintenance Training Organisation
- Exposition
- Revocation, suspension and limitation of the maintenance training organisation approval

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

up to 2 days

LANGUAGE

English/Italian

FINAL EXAM

No

CERTIFICATE

FlyOn.Aero
Certificate

#039-O

EMAR 66/147 - ONLINE

INTRODUCTION

This course is about the EMAR Regulation based on EASA 1321/2014 and its amendments for continuing airworthiness. It will cover annex III and IV (Part-66 and Part-147).

COURSE TYPE
Online Course

SUITABLE FOR

- Certifying Staff
- Technicians
- Quality Personnel
- Maintainer

DURATION
2 hours

CONTENTS

- Part-66
- Technical requirements
- Military Aircraft Maintenance License (MAML)
- Validity of MAML
- Part -147
- Technical requirements
- Organisational requirements
- Approved Basic Training Course
- Aircraft type/task training
- Procedures for Competent Authority
- Issue of an Approval
- Maintenance Training Organisation Exposition
- Revocation, suspension and limitation of the maintenance training organisation approval

LANGUAGE
English/Italian

FINAL EXAM
No

CERTIFICATE
FlyOn.Aero
Certificate

#050-C

SECURITY COURSES: AVIATION SECURITY

COURSE TYPE

Classroom Course
(or synchronous webinar)

- **050-C-MA01** - Training of persons implementing screening of persons, cabin baggage, items carried and hold baggage.
Classroom course - 3 Days - Italian/English
- **050-C-MA02** - Training of persons implementing screening of cargo and mail.
Classroom course - 2 Days - Italian/English
- **050-C-MA03** - Training of persons implementing screening of air carrier mail and materials, in-flight supplies and airport supplies.
Classroom course - 2 Days - Italian/English
- **050-C-MA04** - Specific training of persons performing vehicle examinations.
Classroom course - 1 Day - Italian/English
- **050-C-MA05** - Specific training of persons implementing access control at an airport as well as surveillance and patrols.
Classroom course - 1 Day - Italian/English
- **050-C-MA06** - Training of persons implementing aircraft security searches.
Classroom course - 1 Day - Italian/English
- **050-C-MA07** - Training of persons implementing aircraft protection.
Classroom course - 1 Day - Italian/English

#050-C

SECURITY COURSES: AVIATION SECURITY

COURSE TYPE

Classroom Course
(or synchronous webinar)

- **050-C-MA08** - Training of persons implementing baggage reconciliation.
Classroom course - 1 Day - Italian/English
- **050-C-MA09** - Training of persons implementing security controls for cargo and mail other than screening.
Classroom course - 1 Day - Italian/English
- **050-C-MA10** - Training of persons implementing security controls for air carrier mail and materials, in-flight supplies and airport supplies other than screening.
Classroom course - 1 Day - Italian/English
- **050-C-MA11** - Specific training for persons directly supervising persons implementing security controls (supervisors).
Classroom course - 3 Days - Italian/English
- **050-C-MA12** - Specific training for persons with general responsibility at national or local level for ensuring that a security programme and its implementation meet all legal provisions (security managers).
Classroom course - 5 Days - Italian/English
- **050-C-MA13** - Training of persons other than passengers requiring unescorted access to security restricted areas.
Classroom course - 1 Day - Italian/English
- **050-C-MA14** - Training of persons requiring general security awareness.
Classroom course - 1 Day - Italian/English

#051-C

SECURITY COURSES: DANGEROUS GOODS

COURSE TYPE

Classroom Course
(or synchronous webinar)

ICAO DOC 9284 - TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

- **051-C-01** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Shippers and Packers (Cat. 1, Cat. 2).

Classroom course - 4 Days Initial/ 2 Days Recurrent - Italian/English

- **051-C-02** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Freight Forwarders (Cat. 3).

Classroom course - 5 Days Initial/ 3 Days Recurrent - Italian/English

- **051-C-03** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Cargo DG Acceptance Staff (Cat. 6).

Classroom course - 6 Days Initial/ 4 Days Recurrent - Italian/English

- **051-C-04** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - General Cargo and Mail processing Staff (Cat. 4).

Classroom course - 2 Days Initial/ 1 Day Recurrent - Italian/English

- **051-C-05** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - General Cargo and Mail acceptance Staff (Cat. 7).

Classroom course - 2 Days Initial/ 1 Day Recurrent - Italian/English

#051-C

SECURITY COURSES: DANGEROUS GOODS

COURSE TYPE

Classroom Course
(or synchronous webinar)

ICAO DOC 9284 - TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

- **051-C-06** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Passenger Handling Staff and Cabin Crew (Cat.9, Cat.11).

Classroom course - 2 Days Initial/ 2 Days Recurrent - Italian/English

- **051-C-07** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Security Screeners (Pax and Cargo) (Cat. 12).

Classroom course - 2 Days Initial/ 2 Days Recurrent - Italian/English

- **051-C-08** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Baggage, Cargo, Mail Handling, Storage and Loading Staff (Cat. 8).

Classroom course - 2 Days Initial / 2 Days Recurrent - Italian/English

- **051-C-09** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Flight Crew (Cat. 10).

Classroom course - 3 Days Initial / 2 Days Recurrent - Italian/English

#051-C

SECURITY COURSES: DANGEROUS GOODS

COURSE TYPE

Classroom Course
(or synchronous webinar)

ICAO DOC 9284 - TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

- **051-C-10** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - All Staff (Cat. 13, Cat. 14, Cat. 15, Cat. 16, Cat. 17).

Classroom course - 1 Day Initial/ 1 Day Recurrent - Italian/English

- **051-C-11** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Mail DG acceptance Staff (Cat.A).

Classroom course - 3 Days Initial/ 2 Days Recurrent - Italian/English

- **051-C-12** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - General Mail Processing Staff (Cat. B).

Classroom course - 2 Days Initial / 1 Day Recurrent - Italian/English

- **051-C-13** - ICAO DoC 9284 Technical Instructions for the Safe Transport of Dangerous Goods by Air - Mail Handling, Storage and Loading Staff (Cat.C).

Classroom course - 1 Day Initial / 1 Day Recurrent - Italian/English

#053-C

SECURITY COURSES: AIRSIDE SAFETY

COURSE TYPE

Classroom Course
(or synchronous webinar)

- **053 -C-M1** - Airside Safety Course

Classroom course - Italian/English

#053-C

SECURITY COURSES: GROUND OPERATION

COURSE TYPE

Classroom Course
(or synchronous webinar)

- **053 -C-M2** - Passenger Service

Classroom course - Italian/English

- **053 -C-M3** - Ramp Service

Classroom course - Italian/English

- **053 -C-M4** - Load Control

Classroom course - Italian/English

#100-C

AIRBUS HELICOPTERS AS350 SERIES FAMILIARIZATION (NOT APPROVED 147)

INTRODUCTION

This familiarization course (different from the certified part-147 course) is dedicated to who needs or decides to familiarize with the AS350 helicopter. It will go through all the main aspects of the aircraft.

SUITABLE FOR

- Maintenance personnel
- Technical office staff

CONTENTS

- Introduction to Helicopter
- AS350 Airframe system
- Engine system

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian/English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#101-C

EUROCOPTER SA 315B FAMILIARIZATION (NOT APPROVED 147)

INTRODUCTION

This familiarization course (different from the certified part-147 course) is dedicated to who needs or decides to familiarize with the SA315B helicopter. It will go through all the main aspects of the aircraft.

SUITABLE FOR

- Maintenance personnel
- Technical office staff

CONTENTS

- Introduction to Eurocopter SA 315B
- Airframe system
- Engine system

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian/English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#102-C

AIRBUS HELICOPTERS AS355 SERIES FAMILIARIZATION (NOT APPROVED 147)

INTRODUCTION

This familiarization course (different from the certified part-147 course) is dedicated to who needs or decides to familiarize with the AS355 helicopter. It will go through all the main aspects of the aircraft.

SUITABLE FOR

- Maintenance personnel
- Technical office staff

CONTENTS

- Introduction to Helicopter AS355
- Airframe system
- Engine system

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian/English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#103-C

AW 139 FAMILIARIZATION (NOT APPROVED 147)

INTRODUCTION

This familiarization course (different from the certified part-147 course) is dedicated to who needs or decides to familiarize with the AW139 helicopter. It will go through all the main aspects of the aircraft.

SUITABLE FOR

- Maintenance personnel
- Technical office staff

CONTENTS

- Introduction to Helicopter AW 139
- Airframe system
- Engine system

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian/English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate

#104-C

A 109 FAMILIARIZATION (NOT APPROVED 147)

INTRODUCTION

This familiarization course (different from the certified part-147 course) is dedicated to who needs or decides to familiarize with the A109 helicopter. It will go through all the main aspects of the aircraft.

SUITABLE FOR

- Maintenance personnel
- Technical office staff

CONTENTS

- Introduction to Helicopter A 109
- Airframe system
- Engine system

COURSE TYPE

Classroom Course
(or synchronous webinar)

DURATION

3 days

LANGUAGE

Italian/English

FINAL EXAM

Yes

CERTIFICATE

FlyOn.Aero
Certificate



EASA IT.147.0016

FLYON AERO
AVIATION TRAINING CENTER

APPROVED PART-147 TRAINING

ABOUT PART-147 TRAINING

FlyOn.Aero is approved Part-147 by EASA to deliver Basic Training and Type Training for the **Aircraft Maintenance License (AML)**.

Availability for AML categories:

	M01	M02	M03	M04	M05	M06	M07A	M08	M09	M10	M11A	M12	M13	M14	M15	M16	M17A
B1.1	•	•	•	•	•	•	•	•	•	•	•				•		•
B1.3	•	•	•	•	•	•	•	•	•	•		•			•		
B1.4	•	•	•	•	•	•	•	•	•	•		•				•	
B2	•	•	•	•	•	•	•	•	•	•			•	•			

TRAINING MODALITIES

AML SELF-STUDY COURSES

To study by yourself, you will need to follow the next steps:

1. choose the self-study method and the basic module here:

<https://flyon.aero/it/store/>;

2. create your personal account on My Flyon Aero and find out the prices;

3. confirm your account and proceed to purchase;

4. start studying the material on MY FLYON AERO platform;

5. when you feel ready, book your exam and select your category;

6. the day of the exam, go to the Flyon Aero office in Tortona (AL).

AML SELF-STUDY COURSES

BOOST BOOST Video and Exam	BOOST PRO <small>BEST DEAL</small> BOOST video + Book Online + Exam	B R E <small>NEW</small> BOOST PRO + Refresh
<p> Customizable Choose single basic modules or entire AML category packages</p>	<p> Customizable Choose single basic modules or entire AML category packages</p>	<p> Customizable Choose single basic modules or entire AML category packages</p>
<p> BOOST Video (24h/7d) Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI</p>	<p> BOOST Video (24h/7d) Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI</p>	<p> BOOST Video (24h/7d) Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI</p>
<p> Theoretical Exam EASA approved exam sessions for obtaining the Certificate of Recognition</p>	<p> Book Online (24h/7d) Online access on My FlyOn.Aero to EASA approved training manuals</p>	<p> Book Online (24h/7d) Online access on My FlyOn.Aero to EASA approved training manuals</p>
<p><input type="radio"/> No book online</p>	<p> Theoretical Exam EASA approved exam sessions for obtaining the Certificate of Recognition</p>	<p> Refresh Instructor-led training session to check your knowledge and study effectiveness</p>
<p><input type="radio"/> No refresh</p>	<p><input type="radio"/> No refresh</p>	<p> Theoretical Exam EASA approved exam sessions for obtaining the Certificate of Recognition</p>
<p><input type="radio"/> No practical training</p>	<p><input type="radio"/> No practical training</p>	<p><input type="radio"/> No practical training</p>
<p>Configure</p>	<p>Configure</p>	<p>Configure</p>

If you would like to talk to one of our staff members, please call +39013185 0185 or write to: whatsapp +39344 032 3944; info@flyon.aero.

At the link <https://flyon.aero/store/> you will find all the details of the theoretical courses for the specific licence categories **B1.1 Turbine Airplanes**, **B1.3 Turbine Helicopters**, **B1.4 Piston Helicopters** and **B2 Avionics**.

In addition, at the same link, you will also find information on the 'Skilled Worker' courses.

Details of the 'Skilled Worker' courses can be found here:

<https://flyon.aero/skilledworker/>

BOOST

BOOST Video and Exam



Customizable

Choose single basic modules or entire AML category packages



BOOST Video (24h/7d)

Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI



Theoretical Exam

EASA approved exam sessions for obtaining the Certificate of Recognition



No book online



No refresh



No practical training

Configure

BOOST

Are you ready for the exam and don't need our book?

Review the main concepts with Flyon Aero's BOOST Videos and book your exam online.

<https://flyon.aero/store/>

147- BOOST PRO

AML SELF-STUDY COURSES: BOOST PRO

BOOST PRO

BOOST video + Book Online + Exam

BEST DEAL



Customizable

Choose single basic modules or entire AML category packages



BOOST Video (24h/7d)

Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI



Book Online (24h/7d)

Online access on My FlyOn.Aero to EASA approved training manuals



Theoretical Exam

EASA approved exam sessions for obtaining the Certificate of Recognition



No refresh



No practical training

Configure

BOOST PRO

Do you want to prepare independently for your next exam?

Flyon Aero's BOOST PRO program provides you with the module book and introducing videos.

When you feel ready, book your exam online.

<https://flyon.aero/store/>


147- BRE


AML SELF-STUDY COURSES: BRE (BOOK+REFRESH+EXAM)


BRE


BOOST PRO + Refresh


NEW


 **Customizable**
Choose single basic modules or entire AML category packages

 **BOOST Video** (24h/7d)
Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI

 **Book Online** (24h/7d)
Online access on My FlyOn.Aero to EASA approved training manuals

 **Refresh**
Instructor-led training session to check your knowledge and study effectiveness

 **Theoretical Exam**
EASA approved exam sessions for obtaining the Certificate of Recognition

 No practical training

Configure

BRE

(BOOK+REFRESH+EXAM)

Need a customised refresh?

Follow Flyon Aero teachers' refresh lesson: after studying the module book independently, and with the support of our introductory videos, you will be ready to take the exam.

<https://flyon.aero/store/>

SKILLED WORKER COURSES

DESCRIPTION

The Skilled Worker courses are structured in:

- **SW** (*Skilled Worker*): only practical course in Hangar on categories B1.1, B1.3, B2 (about 5 months);
- **ST** (*Skilled Theoretical*): theoretical classroom course only, 16 modules of categories B1.1, B1.3, B2 with frontal instructor (about 5 months);
- **SWI** (*Integrated Skilled Worker*): the best option for you. Ten months of theoretical classroom and practical course in the Hangar for categories B1.1, B1.3, B2.

SKILLED WORKER PRIVILEGES

Privileges

As point 66.A.30 of Regulation (EU) No 1321/2014 states, whoever becomes a skilled worker can reduce the basic experience requirements to apply for the Aircraft Maintenance Licence (AML).

The reduction depends on the AML category:

	BASIC EXPERIENCE TO GAIN		REDUCTION	
	Cat. A - B1.4	Cat. B1.1 - B1.3 - B2	Cat. A - B1.4	Cat. B1.1 - B1.3 - B2
	3 years	5 years	-	-
Basic Training	1 year	2 years	2 years	3 years
Skilled Worker	2 years	3 years	1 year	2 years
Refresh + Exams	3 years	5 years	none	none
Exams only	3 years	5 years	none	none

147- SW

SKILLED WORKER: PRACTICAL TRAINING ONLY

SW

Skilled Worker

Practical Training Only



Multiple AML Categories

AML Cat. B1.1, B1.3 and B2 included



Faster AML eligibility

This training allows you to reduce the required basic experience to obtain the AML



Practical training

5 months of hangar practical training with qualified instructors



Practical assessment

Approved by local authority to release the Certificate of Successful Completion of Training



No BOOST videos



No book online



No theoretical training

[Get a quote](#)

SKILLED WORKER (SW) PRACTICAL TRAINING ONLY

The practical Skilled Worker course is a **5 months training inside the Flyon Aero's hangar.**

During these months you'll exercise practical task training with our Instructors and take **“practical assessments”**.

This training allows you to get a reduction on practical experience required by the authority to apply for the Aircraft Maintenance License.

<https://flyon.aero/store/>

147- ST

SKILLED WORKER: THEORETICAL TRAINING ONLY

ST

Skilled Theoretical

Theoretical Training Only



Multiple AML Categories

AML Cat. B1.1, B1.3 and B2 included



BOOST Video (24h/7d)

Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI



Book Online (24h/7d)

Online access on My FlyOn.Aero to EASA approved training manuals



Theoretical training

5 months of instructor-led training on all basic modules applicable to AML Cat. B1.1, B1.3 and B2



Recorded lessons

Retrieve all previous lessons in video format on My Flyon Aero



Theoretical Exam

EASA approved exam sessions for obtaining the Certificate of Recognition



No practical training

Get a quote

SKILLED WORKER (ST) THEORETICAL TRAINING ONLY

The Skilled Worker theoretical only course is a **5 months training within Flyon Aero's classrooms.**

During these months **you'll study the Basic Modules exams through classroom lessons by our Qualified Instructors.**

Once you passed the exam, you'll receive the CoR (Certificate of Recognition).

<https://flyon.aero/store/>

147- SWI

INTEGRATED SKILLED WORKER: THEORETICAL + PRACTICAL TRAINING

SWI

Integrated Skilled Worker

Theoretical + Practical training

BEST



Multiple AML Categories

AML Cat. B1.1, B1.3 and B2 included



Faster AML eligibility

This training allows you to reduce the required basic experience to obtain the AML



Ready for work after 10 months



BOOST Video (24h/7d)

Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI



Book Online (24h/7d)

Online access on My FlyOn.Aero to EASA approved training manuals

INTEGRATED SKILLED WORKER (SWI)

THEORETICAL + PRACTICAL TRAINING

The Integrated Skilled Worker **is the most comprehensive course in the Skilled courses, which will enable you to enter the world of work immediately.**

5 months of theoretical part in the classrooms where you'll prepare to pass the exams of the Basic Modules thanks to the lessons given by our Qualified Instructors, and **5 months inside the hangar** where you'll practice practical task training with our Instructors and take the "practical assessment".

<https://flyon.aero/store/>

147- SWI

INTEGRATED SKILLED WORKER: THEORETICAL + PRACTICAL TRAINING

✓ Theoretical training

5 months of instructor-led training on all basic modules applicable to AML Cat. B1.1, B1.3 and B2

✓ Recorded lessons

Retrieve all previous lessons in video format on My Flyon Aero

✓ Theoretical Exam

EASA approved exam sessions for obtaining the Certificate of Recognition

✓ Practical training

5 months of hangar practical training with qualified instructors

✓ Practical assessment

Approved by local authority to release the Certificate of Successful Completion of Training

[Get a quote](#)

INTEGRATED SKILLED WORKER (SWI)

THEORETICAL + PRACTICAL TRAINING

During your training, **Flyon Aero will put you in contact with leading companies in the industry.**

This training allows you **to get a reduction on the practical experience** required by the authority to apply for the Aircraft Maintenance Licence.

<https://flyon.aero/store/>

INTEGRATED SKILLED WORKER

B1.1

B1.3

B2

DESCRIPTION

Integrated Skilled Worker training is a 940 hour training (380 theoretical and 560 practical) that allows reduction of basic experience required to request the AML (B1.1, B1.3, B2) from 5 years to 3 years.

This training is performed in FlyOn.Aero facilities and/or through affiliated organisations in Italy.

If you would like to speak to one of our staff members, call +390131850185 or write to: whatsapp +393440323944; info@flyon.aero.

FINANCING (FOR ITALY RESIDENTS ONLY)

Flyon Aero has become partner of Banca Intesa Sanpaolo and Flyon Aero students can access low-interest financing that covers the whole training in addition to accommodation and travel.

No credit guarantees are required and you can apply for this financing without proving any income and paying small payments.


Contact us for more info.





147- BT


BASIC TRAINING 2400H (CAT. B1.1/B1.3/B1.4/B2)


2400
Basic Course
Theoretical + Practical training


 **Single Category**
AML Cat.


 **Faster AML eligibility**
This training allow you to reduce the required basic experience to obtain the AML


 **Ready to work after 24 months**


 **BOOST Video (24h/7d)**
Enhance your study effectiveness with Basic Overview Online Synthetic Training with Flyon AI


 **Book Online (24h/7d)**
Online access on My FlyOn.Aero to EASA approved training manuals




 **Theoretical training**
12 months of instructor-led training on basic modules applicable to the AML category.


 **Recorded lessons**
Retrieve all previous lessons in video format on My Flyon Aero

 **Theoretical Exam**
EASA approved exam sessions for obtaining the Certificate of Recognition

 **Practical training**
12 months of hangar practical training with qualified instructors

 **Practical assessment**
Approved by EASA to release the Certificate of Recognition

Get a quote



BASIC TRAINING 2400H

(CAT. B1.1/B1.3/B1.4/B2)

2400 hours full basic module course (24 months) covering **both theoretical and practical aspects**. This program provides access to MY FLYON's platform for books 24/7. BOOST Videos are included, offering a Basic Overview Online Synthetic Training with Flyon AI, available around the clock. Additionally, it enables a significant reduction in the required basic experience for LMA Cat. B from 5 to 2 years, resulting in a 3-year reduction, thanks to the practical training.

<https://flyon.aero/store/>

M01 - MATHEMATICS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Arithmetic
- Algebra
- Geometry

CODE	TYPE	TIME
147-M01-B0	BOOK ONLINE	30 Day Activation
147-M01-R	REFRESH	1 Day
147-M01-E	EXAM (37 Questions)	46M 15S

* Requires a minimum of participants

M02 - PHYSICS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Matter
- Statics
- Kinetics
- Dynamics
- Fluid dynamics Thermodynamics
- Optics
- Wave Motion and Sound

CODE	TYPE	TIME
147-M02-B0	BOOK ONLINE	30 Day Activation
147-M02-R	REFRESH	1 Day
147-M02-E	EXAM (53 Questions)	1H 06M 15S

* Requires a minimum of participants

M03 - ELECTRICAL FUNDAMENTALS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Electron Theory
- Static Electricity and Conduction
- Electrical Terminology
- Generation of Electricity
- Sources of Electricity
- Circuits
- Resistance /Resistor
- Power
- Capacitance/Capacitor
- Magnetism
- Indutance/Inductor
- DC Motor/Generator Theory
- AC Theory
- Resistive, Capacitive and Inductive Circuits Transformers
- Filters

CODE	TYPE	TIME
147-M03-B0	BOOK ONLINE	30 Day Activation
147-M03-R	REFRESH	1 Day
147-M03-E	EXAM (56 Questions)	1H 10M 00S

* Requires a minimum of participants

M04 - ELECTRONICS FUNDAMENTALS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Diodes
- Transistors
- Integrated Circuits Printed Circuits Boards Servomechanisms

CODE	TYPE	TIME
147-M04-B0	BOOK ONLINE	30 Day Activation
147-M04-R	REFRESH	1 Day
147-M04-E	EXAM (23 Questions)	28M 45S

* Requires a minimum of participants

M05 - DIGITAL TECHNIQUES

ELECTRONIC INSTRUMENT SYSTEMS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Electronic Instrument Systems
- Numbering Systems
- Data Conversion
- Data Buses
- Logic Circuits
- Basic Computer Structures
- Microprocessors
- Integrated Circuits
- Multiplexing
- Fibre Optics
- Electronics Displays
- Electrostatic Sensitive Devices
- Software Management Control Electromagnetic Environment
- Typical Electronic/Digital Aircraft Systems

CODE	TYPE	TIME
147-M05-BO	BOOK ONLINE	30 Day Activation
147-M05-R	REFRESH	1 Day
147-M05-E	EXAM (46 Questiones)	57M 30S

* Requires a minimum of participants

M06 - MATERIALS & HARDWARE

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Aircraft materials—Ferrous
- Aircraft materials—Non Ferrous
- Composite & non-metallic other than wood and fabric
- Wooden structures
- Fabric Covering
- Corrosion
- Screw threads
- Bolts, Studs and screws
- Locking Devices
- Aircraft Rivets
- Pipes & Union
- Springs
- Bearing
- Transmissions
- Control of Cables
- Electrical Cables & Connectors

CODE	TYPE	TIME
147-M06-BO	BOOK ONLINE	30 Day Activation
147-M06-R	REFRESH	1/2 Days (on request)
147-M06-E	EXAM (80 Questions)	1H 40M 00S

* Requires a minimum of participants

M07A - MAINTENANCE PRACTICES

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Safety precautions-aircraft and workshop
- Workshop practices
- Tools
- Avionic General Test Equipment
- Engineering Drawings Diagrams and Standards
- Fits and clearances
- Electrical Wiring Interconnection System (EWIS)
- Riveting
- Pipes and Hoses
- Springs
- Bearings
- Transmissions
- Control Cables
- Sheet Metal
- Composite and non metallic Welding, Brazing, Soldering and Bonding
- Aircraft Weight and Balance
- Aircraft Handling and Storage
- Disassembly, Inspection, Repair and Assembly Techniques
- Abnormal Events
- Maintenance procedures

CODE	TYPE	TIME
147-M07A-BO	BOOK ONLINE	30 Day Activation
147-M07A-R	REFRESH	1/2 Days (on request)
147-M07A-E	EXAM (89 Questions)	1H 51M 15S

* Requires a minimum of participants

M08 - BASIC AERODYNAMICS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Physics of the Atmosphere Aerodynamics
- Theory of flight
- Flight stability and Dynamics

CODE	TYPE	TIME
147-M08-B0	BOOK ONLINE	30 Day Activation
147-M08-R	REFRESH	1 Day
147-M08-E	EXAM (22 Questions)	27M 30S

*Requires a minimum of participants

M09A - HUMAN FACTORS

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- General
- Human Performance and Limitations Social Psychology
- Factors affecting Performance
- Physical Environment
- Tasks
- Communication
- Human Error
- Hazards in the Workplace

CODE	TYPE	TIME
147-M09A-BO	BOOK ONLINE	30 Day Activation
147-M09A-R	REFRESH	1 Day
147-M09A-E	EXAM (24 Questions)	30M 00S

*Requires a minimum of participants

M10 - AVIATION LEGISLATION

B1.1

B1.3

B1.4

B2

PART-66 CONTENTS

- Regulatory Framework
- Certifying Staff—Maintenance
- Air Operations
- Certification of aircraft, parts and appliances Continuing Airworthiness
- Applicable National and International
- Requirements

CODE	TYPE	TIME
147-M10-BO	BOOK ONLINE	30 Day Activation
147-M10-R	REFRESH	1 Day
147-M10-E	EXAM (42 Questions)	52M 30S

*Requires a minimum of participants

M11A - TURBINE AEROPLANES

AERODYNAMICS, STRUCTURES & SYSTEMS

B1.1

PART-66 CONTENTS

- Aeroplane aerodynamics and flight controls
- High Speed Flight
- Airframe structures—General Concepts
- Fuselage
- Wings
- Stabilisers
- Flight Control Surfaces
- Nacelles/Pylons
- Air Supply
- Air Conditioning
- Pressurization
- Safety and warning devices
- Instrument Systems
- Avionic Systems
- Electrical Power
- Equipment and Furnishings
- Fire Protection
- Flight Controls
- Cabin Systems
- Information Systems
- Fuel Systems
- Hydraulic Power
- Ice and Rain Protection
- Landing Gear
- Lights
- Oxygen
- Pneumatic/Vacum
- Water/Waste
- On Board Maintenance
- Systems Integrated Modular
- Avionics Cabin Systems
- Information Systems

CODE	TYPE	TIME
147-M11A-B0	BOOK ONLINE	30 Day Activation
147-M11A-R	REFRESH	1/2 Days (on request)
147-M11A-E	EXAM (152 Questions)	3 10M 00S

* Requires a minimum of participants

M12 - HELICOPTER AERODYNAMICS, STRUCTURES & SYSTEMS

B1.3

B1.4

PART-66 CONTENTS

- Theory of Flight—Rotary Wing
Aerodynamics Flight Control Systems
- Blade Tracking and Vibration Analysis
Transmissions
- Airframe Structures
- Air Supply
- Instrument Systems
- Avionic Systems
- Electrical Power
- Equipment and Furnishing
- Fire Protection
- Fuel Systems
- Hydraulic Power
- Ice and Rain Protection
- Landing Gear
- Lights
- Pneumatic /Vacum
- Integrated Modular Avionics
- On Board Maintenance Systems
- Information Systems

CODE	TYPE	TIME
147-M12-BO	BOOK ONLINE	30 Day Activation
147-M12-R	REFRESH	1/2 Days (on request)
147-M12-E	EXAM (134 Questions)	2H 47M 30S

* Requires a minimum of participants

M13 - AIRCRAFT AERODYNAMICS, STRUCTURES & SYSTEMS

B2

PART-66 CONTENTS

- Theory of Flight
- Structures - General Concepts
Autoflight
- Communication / Navigation
Electrical Power
- Equipment and Furnishings
Flight Controls
- Instruments
- Lights
- On Board Maintenance
Systems Air supply
- Air Conditioning
- Safety and warning devices
Fire protection
- Fuel System
- Hydraulic Power
- Ice and Rain Protection
Landing Gear
- Oxygen
- Pneumatic/Vacuum
Water/Waste
- Integrated Modular
Avionics Cabin System
- Information Systems

CODE	TYPE	TIME
147-M13-BO	BOOK ONLINE	30 Day Activation
147-M13-R	REFRESH	1/2 Days (on request)
147-M13-E	EXAM (213 Questions)	4H 26M 00S

* Requires a minimum of participants

M14 - PROPULSION

B2

PART-66 CONTENTS

- Turbine Engines
- Engine Indicating System
- Starting and Ignition Systems

CODE	TYPE	TIME
147-M14-B0	BOOK ONLINE	30 Day Activation
147-M14-R	REFRESH	1 Day
147-M14-E	EXAM (24 Questions)	30M 00S

*Requires a minimum of participants

M15 - GAS TURBINE ENGINE

B1.1

B1.3

PART-66 CONTENTS

- Fundamentals
- Engine Performance
- Inlet
- Compressors
- Combustion Section
- Turbine Section
- Exhaust
- Bearing and Seals
- Lubricants and Fuels
- Lubrication Systems
- Fuel Systems
- Starting and Ignition
- Systems Engine Indication
- Systems Power
- Augmentation Systems
- Turbo-prop Engines
- Turbo-shaft Engines
- Auxiliary Power Units
- Powerplant Installation
- Fire Protection Systems
- Engine Monitoring and Ground
- Operation
- Engine Storage and Preservation

CODE	TYPE	TIME
147-M15-B0	BOOK ONLINE	30 Day Activation
147-M15-R	REFRESH	1/2 Days (on request)
147-M15-E	EXAM (108 Questions)	2H15M 00S

* Requires a minimum of participants

M16 - PISTON ENGINE

B1.4

PART-66 CONTENTS

- Fundamentals
- Engine Performance
- Engine Construction
- Engine Fuel System
- Carburettors
- Fuel Injection Systems
- Electronic Engine Control
- Starting and Ignition Systems
- Induction, Exhaust and Cooling System
- Supercharging/Turbocharging
- Lubricants and Fuels
- Lubrication Systems
- Engine Indication Systems
- Powerplant Installation
- Engine Monitoring and Ground Operation
- Engine Storage and Preservation

CODE	TYPE	TIME
147-M16-BO	BOOK ONLINE	30 Day Activation
147-M16-R	REFRESH	1 Day
147-M16-E	EXAM	40M 00S

*Requires a minimum of participants

M17A - PROPELLER

B1.1

PART-66 CONTENTS

- Fundamentals
- Propeller Construction
- Propeller pitch control
- Propeller synchronising
- Propeller ice Protection
- Propeller Maintenance
- Propeller Storage and Preservation

CODE	TYPE	TIME
147-M17-B0	BOOK ONLINE	30 Day Activation
147-M17-R	REFRESH	1 Day
147-M17-E	EXAM (32 Questions)	40M 00S

*Requires a minimum of participants



EASA IT.147.0016

FLYON AERO
AVIATION TRAINING CENTER

TYPE TRAINING COURSES

AIRBUS HELICOPTERS AS350 SERIES (TURBOMECA ARRIEL 1 AND 2)

B1.3

C

INTRODUCTION

This course is specifically designed to obtain the CoR (Certificate of Recognition) necessary for the Type qualification on your license.

It is certified Part-147 and provides the theoretical and practical element required by Part-66.

CONTENTS

AS350 helicopter is a single engine light utility helicopter. It can carry up to a maximum of 5 or 6 people in addition to the pilot and it is used in many activities such as passenger and materials transport or rescue flights.

The course is divided into an Airframe and Engine Element.

At the end of the theoretical course the candidate will take an exam; to complete instead the practical element, the candidate will be required to pass an assessment.

CODE	TYPE	TIME
EUROCOPTER AS 350 (Turbomeca Arriel 1 and Arriel 2)		
147-001-B1.3 - ALL	Airframe and Engine Theoretical course and Practical Element	17+2 days (108h+Exam+Assessment)
147-001-B1.3	Airframe Theoretical course (AML B1.3)	11+1 days (66h+exam)
147-001-C	Airframe and Engine Theoretical course (AML C)	3+1 days (18h + exam)
147-001-P-B1.3	Airframe and Engine Practical course (AML B1.3)	3+1 days (24h+assessment)
147-002-B1.3	Engine Theoretical course (AML B1.3)	3+1 days (18h+exam)
147-002-C	Engine Theoretical course (AML C)	1 day (4h+exam)

* Requires a minimum of participants

AGUSTA AB139/AW139 (PWC PT6)

B1.3

C

INTRODUCTION

The course is specifically designed to obtain the CoR (Certificate of Recognition) necessary for the Type qualification on your license.

It is certified Part-147 and provides the theoretical and practical element required by Part-66.

CONTENTS

The AW139 is a twin engine, rotary wing aircraft designed for passengers and material transport, ambulance, but also fire-fighting, off-shore, ecologic, radiologic, surveillance.

The course is divided into an Airframe and Engine Element.

At the end of the theoretical course the candidate will take an exam;

to complete instead the practical element, the candidate will be required

to pass an assessment.

CODE	TYPE	TIME
147-004-B1.3	Airframe and Engine Theoretical course (AML B1.3)	20 days (120h+exam)
147-004-P-B1.3	Airframe and Engine Practical element (AML B1.3)	9 days (54h+assessment)
147-004-C	Airframe and Engine Theoretical course (AML C)	4 days (29h+exam)

* Requires a minimum of participants

AGUSTA A109 SERIES (PWC PW 206/207)

B1.3

C

INTRODUCTION

The course is specifically designed to obtain the CoR (Certificate of Recognition) necessary for the Type qualification on your license.

It is certified Part-147 and provides the theoretical and practical element required by Part-66

CONTENTS

The AgustaWestland AW109 is a single main rotor, twin engine, eight seats multi-role helicopter built by Leonardo S.p.A.

It has been used in various roles, including light transport, search and rescue, military roles.

The course is divided into an Airframe and Engine element.

At the end of the theoretical course, the candidate will take an exam; to complete instead the practical element, the candidate will be required to pass an assessment.

CODE	TYPE	TIME
147-005-B1.3	Airframe and Engine Theoretical course (AML B1.3)	20 days (120h+exam)
147-005-P-B1.3	Airframe and Engine Practical element (AML B1.3)	9 days (54h+assessment)
147-005-C	Airframe and Engine Theoretical course (AML C)	4 days (29h+exam)

* Requires a minimum of participants



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