



qcm training **QCM** program 2020



Welcome to QCM



Editorial

In this editorial last year, we mentioned the importance of having the presence of trainers in class in face-to-face courses.

In 2019, QCM had the chance to be the host school for the EAMTC Instructor Seminar. We focused on Assessment of Competencies and we shared this experience with all our clients.

The year 2019 has also been rewarding with the various projects that QCM has carried out, in conjunction with the continuation training that we continuously maintain to the highest standards in terms of regulatory changes (Initial and Continuous Airworthiness and Operations). We expect to include drones in our Scope, and we will keep you informed through our newsletters



I am pleased to announce that QCM is currently in the approval process of extending its Part 147 capability to the Basic Training (A1 / B1-1 / B2). From 2020 onwards, we will be able to support all applicants obtaining an EASA Part 66 license and the extension of this approval will allow us to be present on the five continents.

Also, we continue to remain very active regarding the process of Declared Training Organisation (DTOs).

QCM in numbers in 2019:

- 300 trainings carried out (at our center in Belp and at our client's company: „In House“);
- 25 instructors;
- 2'000 students had the chance to learn from our instructors;
- At more than 50 different locations around the world.

Our publications are always accessible and downloadable for free on our website. Our partners, as well as our customers, appreciate the availability of our publications and confirm their satisfaction.

I take advantage of the opportunity this editorial affords me to thank all the companies and individuals who trust us, and all the trainers who contribute every day to the QCM Organization that will celebrate its 20th anniversary in 2020.

Loïc Nicolas

Course Overview 2020

QCM quality control management AG

No.	Course	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
G-001	Accountable Manager	CHF 1'350.00	2 days		26.-27.						12.-13.				
G-002	Aviation Legislation	CHF 680.00	1 day				30.								
G-004	Train the Trainer	CHF 3'250.00	5 days	On request											
G-005	Train the Trainer for Supervisors	CHF 1'350.00	2 days	On request											
C-001	Maintenance by EASA Part-145	CHF 1'350.00	2 days		04.-05.				23.-24.			15.-16.			02.-03.
C-015	EASA Part-145 Refresher	CHF 680.00	1 day		06.				25.			17.			
C-002	Stock Management	CHF 1'350.00	2 days							01.-02.					
C-003	Fuel Tank Safety (Phases 1 and 2)	CHF 680.00	1 day					06.					28.		
C-004	EWIS Electrical Wiring Interconnection System	CHF 680.00	1 day					07.					29.		
C-019	FTS/ EWIS Refresher	CHF 680.00	1 day					05.					27.		
C-005	Human Factors Initial	CHF 1'350.00	2 days								18.-19.				
C-006	Syllabus Human Factors Refresher	CHF 680.00	1 day								20.				
C-121	Maintenance by EASA Part-CAO	CHF 1'350.00	2 days			04.-05.								04.-05.	
C-119	Maintenance and Airworthiness by EASA Part CAO	CHF 2'025.00	3 days			10.-12.								10.-12.	
C-120	Continuing Airworthiness by Part-CAMO for CMPA and Commercial operators (1008/2008)	CHF 1'350.00	2 days						16.-17.				06.-07.		
C-122	Continuing Airworthiness by Part-CAMO according to Part M or ML	CHF 1'350.00	2 days					12.-13.				01.-02.			
C-009	Airworthiness Review for ARC Signatories	CHF 680.00	1 day						18.				08.		
C-010	Maintenance Program	CHF 1'350.00	2 days						10.-11.						09.-10.
C-012	FAA Part 145	CHF 1'350.00	2 days		18.-19.							08.-09.			
C-014	EASA Part-66 / Part-147	CHF 1'350.00	2 days					12.-13.							16.-17.
C-016	OTAR Part-39	CHF 1'350.00	2 days												
C-017	ETOPS / RVSM / LVO for Maintenance & CAMO	CHF 680.00	1 day		11.-12.							22.-23.			08.
C-018	OTAR Part-145	CHF 680.00	1 day									24.			

No.	Course	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
O-007	Air Operation Regulation/ Aircrew Regulation	CHF 2'025.00	3 days			17.-19.			23.-25.			15.-17.		24.-26.	
O-004	Aircrew Regulation	CHF 1'350.00	2 days					05.-06.					13.-14.		
O-002	SAFA Awareness	CHF 680.00	1 day								27.				
E-001	Emergency Response Plan Basic	CHF 680.00	1 day	On request											
E-002	Emergency Response Plan Exercise	CHF 680.00	1 day	On request											
E-003	Aviation Security	CHF 680.00	1 day	On request											
Q-001	Management Systems in Aviation	CHF 2'700.00	4 days			02.-05.							20.-23.		
Q-003	Safety & Quality Auditor	CHF 2'025.00	3 days	21.-23.								01.-03.			
Q-004	Auditor Refresher	CHF 680.00	1 day									10.			
Q-008	IQSMS Initial Training	CHF 2'025.00	3 days	On request											
Q-009	IQSMS Recurrent Training	CHF 680.00	1 day	On request											
D-001	EASA Part-21 DOA Basic	CHF 1'350.00	2 days				28.-29.								16.-17.
D-002	EASA Part-21 DOA Expert	CHF 1'350.00	2 days						17.-18.						
D-003	EASA Part-21 DOA Continuation	CHF 680.00	1 day								19.				
D-010	EASA CS-25 Basic, Initial Training – Module 1	CHF 1'350.00	2 days	On request											
D-011	EASA CS-25 Training Module 2 - Avionics System	CHF 680.00	1 day	On request											
D-012	EASA CS-25 Training Module 3 - Cabin Safety	CHF 680.00	1 day	On request											
D-013	CS25.853 - Flammability Requirements for Aircraft Interiors	CHF 680.00	1 day	On request											
P-001	EASA Part-21 POA Basic	CHF 1'350.00	2 days										08.-09.		
P-002	EASA Part-21 POA Refresher	CHF 680.00	1 day	On request											
PT-001	NiCad Batteries	CHF 1'350.00	2 days				22.-23.								18.-19.

NEW

NEW

NEW

NEW

No.	Course	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B-10.7	Module 10 CH Swiss Aviation Specifications Aviation Law 748	CHF 680.00	1 day							On request					
*This course "M 10-7" is subjected to an official notification to Federal Office of Civil Aviation (FOCA) for approval.															

NEW

European Military Airworthiness Requirements															
M-001	EMAR 145	CHF 1'350.00	2 days	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
M-002	EMAR 66/ Part-147	CHF 1'350.00	2 days												

NEW

Operations Courses - Dispatch															
O-100	Flight Planning	CHF 680.00	1 day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
O-101	Meteorology	CHF 680.00	1 day							On request					
O-102	Navigation & Flight Planning	CHF 680.00	1 day							On request					
O-103	Winter Operations	CHF 680.00	1 day							On request					

NEW

Open Courses - RUAG Aviation, Aerodromo Lodrino															
R-001	WHMA, Aviation ELAV Wiring Harness Manufacturing Training Course	CHF 2'150.00	4 days	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
R-002	Aviation Avionic Basics Training Course	CHF 950.00	2 days			09.-12.							26.-29.		
						23.-24								07.-08.	

NEW

Unmanned Aircraft Systems (UAS)															
U-001	EASA UAS Regulations and National Specifications (Workshop - Practical operation of rotary & fixed wing drones)	CHF 1'350.00	2 days	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						10.-11.							13.-14.		

NEW

Aircraft Type Rating Trainings

No.	Aircraft Type Rating Trainings - Level 3 Theoretical (Classroom)	Cat.	Duration
T-001	Learjet 35 / 36 Level 3 Theoretical	B1	13 days
T-002	Learjet 35 / 36 Level 3 Extension B2 Theoretical	B2	5 days
T-016	Learjet 35 / 36 to Learjet 31 / 31A Diff. Level 3 Theoretical	B1	3 days
T-017	Learjet 35 / 36 to Learjet 31 / 31A Diff. Level 3 Theoretical B2	B2	4 days
T-034	Learjet 45 Level 3 Theoretical	B1	13 days
T-035	Learjet 60 Level 3 Theoretical	B1	13 days
T-006	Bombardier CL-600-2B19 to CL-600-2B16 Diff. Level 3 Theoretical	B1	5 days
T-019	Cessna 900EX Level 3 Theoretical	B1	18 days
T-020	Falcon 900B to 900EX Level 3 Diff. Theoretical	B1	3 days
T-021	Falcon 900EX to EX EASy Level 3 Diff. Theoretical	B1	4 days
T-008	Cessna 560XL Level 3 Theoretical	B1	15 days
T-038	BD100-1A10 Level 3 B1 Theoretical	B1	18 days

Aircraft Type Rating Trainings - Level 3 - B1 &/or B2 Difference Courses - On request (Airframe / Engine / B1 > B2 or B2 > B1)	
Part 66 Type Rating Endorsement	Commercial Designation
Airbus A318/ A319/ A320/ A321 (CFM56)	
Airbus A319/ A320/ A321 (IAEV2500)	
Airbus A319/ A320/ A321 (CFM LEAP-1A)	A319 &/or A320 &/or A321 NEO
Airbus A319/ A320/ A321 (IAE PW1100G)	A319 &/or A320 &/or A321 NEO
Boeing 737-100/200 (PW JT8D)	B737 Classic
Boeing 737-300/400/500 (CFM56)	B737 Classic
Boeing 737-600/700/800/900 (CFM56)	B737 Next Generation
Boeing 737-7/8/9 (CFM LEAP-1B)	B737 MAX
Boeing 787-8/9/10 (GENx)	Dreamliner
Boeing 787-8/9/10 (RR RB 211 Trent 1000)	Dreamliner

All Above Type Rating Training must be requested by Aircraft Type and please precise Categories.

No.	Aircraft Type Rating Trainings - Level 3 Practical (Hangar)	Cat.	Duration
T-028	Learjet 35 / 36 Level 3 Practical	B1	5 days
T-031	Learjet 35 / 36 Level 3 Extension Practical	B2	2 days
T-029	Learjet 35 / 36 to Learjet 31 / 31A Diff. Level 3 Practical	B1	2 days
T-030	Learjet 35 / 36 to Learjet 31 / 31A Diff. Level 3 Practical B2	B2	2 days
T-036	Learjet 45 Level 3 Practical	B1	5 days
T-037	Learjet 60 Level 3 Practical	B1	5 days
T-026	CL-600-2B19 to CL-600-2B16 Level 3 Diff. Practical	B1	3 days

No.	Aircraft Type Rating Trainings - Level 3 Practical (Hangar)	Cat.	Duration
T-023	Learjet 35 / 36 Level 1 Theoretical	C	3 days
T-022	Learjet 45 Level 1 Theoretical	C	4 days
T-004	Learjet 60 Level 1 Theoretical	C	4 days
T-007	Falcon 900EX Level 1 Theoretical	C	4 days

Aircraft Type Rating Trainings - Level 1- C Category (Part 147) or General Familiarization

All Aircrafts mentioned in the left side.

All Training must be requested by Aircraft Type and please precise Engines and if Part 147 examinations are required (for endorsement on Part 66 Aircraft Maintenance Licence).
General Familiarisation comply with ATA 104 (Level 1)

Basic Training

Class	Rating	Limitation
Basic	A1	Turbine Aeroplanes
	B1-1	
	B2	Avionics

COURSE OVERVIEW 2020 - Locations / Partners

QCM quality control management AG

Austria - QCM Vienna

No.	Course	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
D-001	EASA Part-21 DOA Basic	CHF 1'350.00	2 days						On request						
D-002	EASA Part-21 DOA Expert	CHF 1'350.00	2 days						On request						
D-003	EASA Part-21 DOA Continuation	CHF 680.00	1 day						On request						
D-010	EASA CS-25 Basic, Initial Training - Module 1	CHF 1'350.00	2 days						On request						
D-011	EASA CS-25 Training, Avionics System - Module 2	CHF 680.00	1 day						On request						
D-012	EASA CS-25 Training, Cabin Safety - Module 3	CHF 680.00	1 day						On request						
D-013	CS25 853 - Flammability Requirements for Aircraft Interiors	CHF 680.00	1 day						On request						
P-001	EASA Part-21 POA Basic	CHF 1'350.00	2 days						On request						
P-002	EASA Part-21 POA Diff.	CHF 680.00	1 day						On request						
C-001	EASA Part-145	CHF 1'350.00	2 days						On request						
C-005	Human Factors Initial	CHF 1'350.00	2 days						On request						
C-006	Human Factors Refresher	CHF 680.00	1 day						On request						

United Kingdom

No.	Open Courses In London (Luton Airport) British School of Aviation (BSA)	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
See QCM Course Overview 2020 - Switzerland				On request - train@qcm.ch or British School of Aviation - ram@bsa.world											
All courses in accordance with the scope of Part 1.47 Approval															

USA

No.	Vaughn College 86-01 23rd Ave - Flushing, NY 11369 - USA	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
See QCM Course Overview 2020 - Switzerland				On request - train@qcm.ch or Domenic Proscia - domenic.proscia@vaughn.edu www.vaughn.edu											
All courses in accordance with the scope of Part 1.47 Approval															

Singapore and South East Asia

No.	Luzkad Asia Pacific Pte Ltd	Course Fee per person	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
See QCM Course Overview 2020 - Switzerland				On request - train@qcm.ch or Mathieu Goarant - training@luzkad.com http://www.luzkad.com											
All courses in accordance with the scope of Part 1.47 Approval															



Training Information

Dates Please refer to the training overview for dates of standard courses.

Dates and availability for the standard courses are published in our monthly newsletter, which you can subscribe to via our website: www.qcm.ch.

Dates for courses that are to be performed at your facility will be confirmed at the time of booking.

Locations All standard courses are performed at our location in Bern-Belp, Vienna or your facility.

Fees The fees for standard course can be found on the page with the respective course.

Registration All registrations must be made via our training department.

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www.qcm.ch

Accommodations Our training campus, also gives you the possibility to stay close to the training facility. Highest comfort guaranteed. On our homepage QCM CAMPUS you can find offers for your intended stay. With the promo code «qcmtrain10» you will receive 10% discount of the actual daily price. The code can be entered just beside the date selection.

Please see our website www.qcm-campus.ch or contact us for further details: info@qcm-campus.ch



G-001 Accountable Manager

This training will provide participants with:

- An Introduction to EASA Regulation and the global aviation rulemaking system.
- Basic knowledge of the requirements and responsibilities of management personnel and stakeholders of Continuing Airworthiness Management, Maintenance and Part-21 organizations.
- The fundamental elements of a quality system as well as the responsibilities of the Accountable Managers and Management Personnel in the establishment and management of the company's quality and auditing system.

Target Group

- Accountable Managers
- Management personnel working in the field of aviation

Pre-requisites None

Contents

- Overview of Quality Management
- Requirements for audit
- Structure and objectives of the European Aviation Safety Agency (EASA)
- Competence of the National Aviation Authorities
- The national and international aviation regulatory system, in particular the EASA legal requirements of the following European Regulations:
 - Commission Regulation (EC) No. 1321/ 2014 and amendments thereof, Annexes I, Part-M; Annex II, Part-145; Annex III, Part-66; Annex IV, Part-147
 - Commission Regulation (EC) No. 748/ 2012 and amendments thereof, Annex Part-21
 - Commission Regulation (EC) No. 965/ 2012 and amendments

Duration 2 days

Price CHF 1'350.00

Dates 26-27 February 2020
12-13 August 2020



G-002 Aviation Legislation

This one-day course gives an overview of regulatory bodies in the aviation world, e.g. ICAO, EASA and National Aviation Authorities and the applicable aviation regulatory systems. Through the use of practical illustrations, the participants will be introduced to the different levels of aviation regulations with respect to design, certification, production, operation, continuing airworthiness and maintenance.

Target Group	Everybody interested in a general overview of aviation regulations.
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Overview of ICAO and the applicable documents• EASA organisation and the European regulatory framework• EASA Decisions and AMC/GM• Amendment system of the regulations - NPA/CRD• National regulations
Duration	1 day
Price	CHF 680.00
Dates	30 April 2020



G-004 Train the Trainer

Built on the slogan:

“From experience – for experience”, the focus of this training will be:

- Goal oriented training planning and evaluation
- The usage of media and methodologies in a controlled environment

Participants will acquire the main educational tools, skills and attitude to cope with all aspects of a training session including the development, conduct and evaluation of a course.

Target Group Instructors and examiners for theoretical and practical training.

Pre-requisites The course is for experienced instructors as well as beginners.

- Contents**
- The basics of adult learning principles
 - Establish clear objectives and use effective teaching methods
 - Cope with difficult situations and use appropriate communication techniques
 - Evaluate and profit from the evaluation
 - Being secure in one's own trainings behaviour
 - Optimizing the training action

A mixture of different methodologies including practical exercises, individual and group working, video training as well as lectures will be used during this course.

Duration 5 days

Price CHF 3'250.00

Dates On request



G-005 Train the Trainer for Supervisors

At the conclusion this training, the participants will be able to:

- Provide a detailed descriptions of the adult learning environment
- Provide a detailed description of the role of the instructor in the learning environment
- Define the different types of knowledge and skills
- Perform a detailed training needs analysis
- Create a basic list of learning objectives and outcomes
- Create a formal and informal training plan
- Conduct a training session in the workplace
- Provide appropriate feedback
- Evaluate the instructor's performance
- Evaluate the participants performance and give appropriate feedback

Target Group	Supervisors and/or Practical Trainers
Pre-requisites	<ul style="list-style-type: none">• Sincere approach towards training• Good communication skills• The ability to lead individuals or small groups• Previous supervisory or trainer experience would be an advantage• Open to new challenges
Contents	<ul style="list-style-type: none">• Introduction to Adult Learning• The Role of the Instructor• Knowledge and Skills• Training Design• Instructional Techniques• Feedback and Evaluation• Application of Knowledge
Duration	2 days
Price	CHF 1'350.00
Dates	On request



C-001 Maintenance EASA Part-145

This two-day course focuses on Commission Regulation (EU) No 1321/2014 Annex II (Part-145) and the relevant Acceptable Means of Compliance and Guidance Material. In addition, a detailed explanation of how Part-145 interphases with Part-M, Part-CAMO, Part-66, Part-21 and AIR-OPS.

Through the use of practical illustrations, participants will not only understand the regulation in theory but also be explained how it can be practically and successfully implemented into their organization.

- Target Group**
- Accountable Managers
 - Management Personnel
 - Certifying Staff
 - Technicians
 - Quality Personnel
 - Competent Authority Personnel

Pre-requisites None

- Contents**
- Overview of EASA organisation and EASA regulations
 - Commission Regulation (EU) No 1321/2014 (Articles)
 - Commission Regulation (EU) No 1321/2014 Annex II (Part-145)
 - ED Decision 2015/029/R Annex II (AMC to Part-145)
 - ED Decision 2015/029/R Annex III (GM to Part-145)
 - Relevant parts of Part-M, Part-CAMO, Part-66, Part-21

Duration 2 days

Price CHF 1'350.00

Dates 04-05 February 2020
23-24 June 2020
15-16 September 2020
02-03 December 2020



C-015 EASA Part-145 Refresher

This workshop provides an overview of Commission Regulation (EU) No. 1321/2014 and its amendments as it apply to Part-145. It provides a discussion platform in respect to the experiences gained through the day to day business.

The success of this workshop depends on the active contribution and participation of the attendees. Therefore, it is essential that they provide their input and questions prior to and during the workshop.

Target Group	<ul style="list-style-type: none">• Accountable Managers• Management Personnel• Supervisors• Certifying Staff• Technicians• Quality Personnel• Competent Authority Personnel
Pre-requisites	Knowledge of / Experience in implementation of Part-145 Attendance of Part-145 initial training course
Contents	<ul style="list-style-type: none">• Commission Regulation (EU) No. 1321/2014 and its amendments with the emphasis on EASA Part-145• ED Decision 2015/029/R and its amendments with the emphasis to AMC & GM to Part-145• Discussion of specific concerns regarding EASA Part-145 implementation
Duration	1 day
Price	CHF 680.00
Dates	06 February 2020 25 June 2020 17 September 2020



C-002 Stock Management

In this two-day course, participants obtain knowledge of the relevant parts of Commission Regulation (EU) No. 1321/2014 Annex I (Part-M), Annex II (Part-145), Annex Vb (Part-ML), Annex Vd (Part-CAO) as well as Commission Regulation (EU) No 748/2012 Annex I (Part-21), for the acceptance criteria of aircraft components and material.

Furthermore, this course discusses handling and storage requirements for aircraft components and material including special requirements, e.g. Electrostatic Sensitive Devices (ESD), shelf life limitations, suspected unapproved parts, etc.

Target Group	<ul style="list-style-type: none">• Personnel in Logistics, Purchasing and Store• Quality Auditors• Certifying Staff• Competent Authority Personnel
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Overview of EASA organisation and EASA regulations• Commission Regulation (EU) No 1321/2014 (Articles)• Relevant parts of Commission Regulation (EU) No 1321/2014• Relevant parts of ED Decision 2015/029/R• Relevant parts of Commission Regulation (EU) No 748/2012• Relevant parts of ED Decision 2012/020/R• Acceptance criteria for aircraft components and material• EASA Form 1 and equivalent documents (correct completion)• ESD - Electronic Static Discharge• Suspected Unapproved Parts (SUPs)
Duration	2 days
Price	CHF 1'350.00
Dates	01-02 July 2020



C-003 Fuel Tank Safety

Upon completion of the training, the attendants shall:

- Be aware of the history, the theoretical and practical elements of the subject, such as but not limited to accidents investigation and their conclusions involving fuel tank safety.
- Have thorough knowledge as to how the above items affect the aircraft in the scope of the activity of the organization or in the fleet.
- Be able to define fuel characteristics and know how to reduce the risk of a fuel tank explosion.
- Be familiar with the basic elements of the fuel tank safety issues.
- Be able to give a detailed description of the concept of Critical Design Configuration Control Limitations CDCCL, Airworthiness Limitations Items (ALI) and using theoretical fundamentals and specific examples.
- Have the capacity to combine and apply the separate elements of knowledge in a logical and comprehensive manner.

Target Group

- **Part-145:** Personnel carrying out maintenance tasks on aircraft or components classified as Fuel Tank Safety items, support staff and certifying staff, staff involved in developing procedures, Management, Quality Personnel and Auditors, personnel in charge of stores
- **Part-M:** Personnel required by M.A.706 and M.A 707 such as Nominated Person Continuing Airworthiness, Continuing Airworthiness Staff of the Continuing Airworthiness Management Organisation, Airworthiness Review Staff, Quality Personnel and Auditors
- Competent Authority Members

Pre-requisites

None

Contents

- The course is designed to satisfy the Phases 1 and 2 training requirements of ED Decisions 2009/ 006R and 2009/ 007R
- History on Fuel Tank incidents
- Description of theoretical and practical background of elements involved, which led to these incidents
- Overview of Special Federal Aviation Regulation (SFAR) 88 of the FAA, JAA TGL 47 and of EASA Decisions 2009/ 006R-/ 007R-/ 008R
- Detailed description of the concept of the Fuel Tank Safety Limitation and Critical Design Configuration Control Limitations
- Detailed description of the „On Board Inert Gas Generating System“ (OBBIGS) -Nitrogen Generating System

Duration

1 day

Price

CHF 680.00

Dates

06 May 2020 / 28 October 2020



C-004 EWIS Electrical Wiring Interconnection System

After this one-day training course, the participants will be able to properly evaluate the EWIS and effectively use the manufacturers AMM Chapter 20 and Electrical Standard Wiring Practice Manual (EWSPM). The course provides the participants with the necessary knowledge to understand and interpret the EWIS issues from regulatory requirements and manufacturer's maintenance documentation.

The training course provides guidance for personnel of the target groups 1 - 6 of the AMC 20-21 and 20-22, which are directly involved in the maintenance and inspection of EWIS as well as for personnel performing general maintenance activities in close proximity of EWIS.

Target Group	<ul style="list-style-type: none">• EASA Part-145 Maintenance Organisations personnel who performs aeroplanes maintenance or inspections on EWIS and/or systems or structures in close proximity to EWIS• EASA Part-M Subpart G Continuing Airworthiness Management Organisations• Quality Assurance and Competent Authority Members
Pre-requisites	None. Previous attendance of the Fuel Tank Safety Course is beneficial.
Contents	<ul style="list-style-type: none">• Familiarisation with the elements of EWIS• Overview of the history and background and recognise the elements requiring consideration in relation to EWIS• Overview of the EASA and FAA regulatory requirements• Overview of the Subpart H to EASA CS 25• Overview of EASA AMC guidance material AMC 20-21, -22 & -23• Overview of the impact of EWIS on the Part M/G continuing airworthiness management, Part-145 maintenance on large aircraft and components intended to be fitted thereto.• General electrical wiring interconnection system practices• Wiring practice documents such as ESWPM• Standard practice for electrical installation using EWIS standards• Connecting devices• Inspection standards and proposed corrective actions based on manufacturers EWSPM standards• Review of the MRB Process and development of the Enhanced Zonal Analysis Procedure (EZAP)
Duration	1 day
Price	CHF 680.00
Dates	07 May 2020 29 October 2020



C-019 FTS/ EWIS Refresher

This one day course focuses on reviewing the concept of the Fuel Tank Safety and Electrical Wiring Interconnection System issues. The course is intended to provide a review of the background and elements requiring consideration as it relates to fuel system safety and EWIS. The objective of the course is to develop or update the level of knowledge and practical understanding of the participants in Fuel Tank System Safety issues, such as ignition sources and ignition prevention. This one day training course provides an update on the development and implementation of the flammability reduction requirements and nitrogen generating System.

Target Group

- EASA Part-145 Maintenance Organisations and EASA Part-M Subpart G Continuing Airworthiness Management Organisations personnel with significant relevant experience in the subject matter who are looking to enhance their specialist skills and knowledge
- Competent Authority Members

Pre-requisites

Part 145

certifying staff and support staff who have previously undertaken an initial course in Fuel Tank Safety and EWIS.

Part M

personnel who have previously undertaken an initial course in Fuel Tank Safety and EWIS.

Contents

- Review of the background and elements requiring consideration in relation to fuel system safety and EWIS.
- Review of the elements of Fuel Tank System Safety Issues
- Recap how the above items affect the aircraft in the scope of the activity of the organisation or in the fleet.
- Review of the MRB Process and development of the Enhanced Zonal Analysis Procedure (EZAP)
- Review on how to locate and retrieve information from the ESWPM
- Review of the EWIS Standards for Installation, Repair, Modification
- Review of the Inspection Standards and basic Safety Precautions
- Current and future regulatory requirements with regards to flammability reduction and nitrogen generating system

Duration

1 day (On request, the FTS and EWIS refresher course can be given separately on a 1/2 day basis)

Price

CHF 680.00

Dates

05 May 2020
27 October 2020



C-005 Human Factors Initial

This two-day initial training covers all aspects regarding human factors and the syllabus Ref. GM 1 145.A.30(e).

Target Group	All personnel in EASA Part-145 Maintenance Organizations and Continuing Airworthiness Management Organisations (CAMO), Ref: AMC 2 145.A.30(e)
Pre-requisites	None
Contents	<ol style="list-style-type: none">1. Introduction to HF2. Safety culture3. Human error4. Human performance and limitations5. Environment6. Procedures, information, tools and practices7. Communication8. Teamwork9. Professionalism and integrity10. Organisation's HF program <p>Including: Fatigue and shift work, Inadequate working conditions, Models describing human factors, Critical Tasks, Dirty Dozen, Occurrence Reporting.</p> <p>Optional:</p> <ul style="list-style-type: none">• Fatigue Risk Management• The Human Factors Training may be extended by Fatigue Risk Management topics. It provides an overview of:<ul style="list-style-type: none">• what causes fatigue and the risk it poses at the workplace• how a fatigue risk management system can reduce the risk• joint responsibility for fatigue (organisational responsibilities / employee responsibilities)• strategies that may be applied to manage fatigue and reduce the risks at the workplace
Duration	2 Days
Price	CHF 1'350.00
Dates	18-19 August 2020



C-006 Human Factors Refresher

This one-day refresher training analyses incidents and accidents which occurred in the participants' environment.

Participants will comprehend and analyse facts and learn how to implement precautions and safety nets in order to improve safety.

Target Group	All personnel in EASA Part-145 Maintenance Organizations and Continuing Airworthiness Management Organisations (CAMO), Ref: AMC 2 145.A.30(e)
Pre-requisites	Human Factors Initial Training.
Contents	<p>The use of tools such as MEDA (Maintenance Error Decision Aid), REDA (Ramp Error Decision Aid) and SHOME (Safety Health of Maintenance and Engineering). Case studies.</p> <p>Optional:</p> <ul style="list-style-type: none">• Fatigue Risk Management• The Human Factors Training may be extended by Fatigue Risk Management topics. It provides an overview of:<ul style="list-style-type: none">• what causes fatigue and the risk it poses at the work place• how a fatigue risk management system can reduce the risk• joint responsibility for fatigue (organisational responsibilities / employee responsibilities)• strategies that may be applied to manage fatigue and reduce the risks at the workplace
Duration	1 Day
Price	CHF 680.00
Dates	20 August 2020



C-121 Maintenance by EASA Part-CAO

This two-day course focuses on the content of Commission Regulation (EU) No 1321/2014 as amended by Commission Implementing Regulation (EU) 2019/1383, Annex Vd, (Part-CAO) and the relevant Acceptable Means of Compliance and Guidance Material (AMC & GM) regarding requirements to be met by an organisation who intends to apply for an approval to perform maintenance in accordance with this Annex Vd (Part-CAO).

This course covers the personnel and organisational requirements to such an organisation, as well as the requirements to be met while performing the maintenance.

In addition, the interrelations to other relevant parts of Part-M, Part-66, Part-ML and Part-21 are covered.

Target Group	<ul style="list-style-type: none">• Former Part-M Subpart F approved maintenance organisation• Part 145 maintenance organisation opting to convert the Part 145 approval to a Part CAO approval• Private and commercial operators other than air carriers licensed i.a.w. Regulation (EC) No 1008/2008• Maintenance organisations personnel and certifying staff• Maintenance Managers• Quality personnel• Authority personnel
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Overview of EASA organisation and EASA regulations• Part-CAO and relevant AMC & GM with respect to maintenance• Other relevant parts of Commission Regulation (EU) No 1321/2014• Other relevant parts of Commission Regulation (EU) No 748/2012• Organisational and personnel requirements for a Part-CAO maintenance organisation• Competences and responsibilities of personnel and certifying staff
Duration	2 days
Price	CHF 1'350.00
Dates	04-05 March 2020 04-05 November 2020



C-119 Maintenance & Airworthiness by EASA Part-CAO

This three-day course focuses on the content of Commission Regulation (EU) No 1321/2014 as amended by Commission Implementing Regulation (EU) 2019/1383, Annex Vd, (Part-CAO) and the relevant Acceptable Means of Compliance and Guidance Material (AMC & GM) regarding requirements to be met by an organisation who intends to apply for an approval to perform maintenance in accordance with this Annex Vd (Part-CAO) and continuing airworthiness management and airworthiness review in accordance with Annex Vc (Part-ML).

This course covers

- the personnel and organisational requirements to such an organisation,
- the requirements to be met while performing the maintenance and
- the requirements to be met while performing continuing airworthiness management and airworthiness review.

In addition, the interrelations to other relevant parts of Part-M, Part-66 and Part-21 are covered.

Target Group

- Former Part-M Subpart F approved maintenance organisation
- Former Part-145 maintenance organisation opting to convert the Part-145 approval to a Part-CAO approval
- Former Part-M Subpart G CAMO opting to convert the Part-M Subpart G approval to a Part-CAO approval
- Private and commercial operators other than air carriers licensed i.a.w. Regulation (EC) No 1008/2008
- Maintenance organisations personnel and certifying staff
- Continuing airworthiness management personnel and Airworthiness Review Staff
- Quality personnel
- Authority personnel

Contents

- Overview of EASA organisation and EASA regulations
- Part-CAO and relevant AMC & GM
- Part-ML and relevant AMC & GM with respect to continuing airworthiness management and airworthiness review
- Other relevant parts of Commission Regulation (EU) No 1321/2014
- Other relevant parts of Commission Regulation (EU) No 748/2012



- Organisational and personnel requirements for Part-CAO organisation performing maintenance and airworthiness reviews on aircraft other than complex not involved in commercial air transport by air carriers licensed i.a.w. Regulation (EC) No 1008/2008
- Competences and responsibilities of personnel, certifying staff, continuing airworthiness management personnel and Airworthiness Review Staff
- Maintenance programmes development and approval process by Combined Airworthiness Organisations (Part CAO) or owners.
- Conduct of the Airworthiness Review using checklists and completion of relevant administrative documentation
- Practical examples of issuance of the Airworthiness Review Certificate or Recommendation.

Duration	3 days
Price	CHF 2'025.00
Dates	10-12 March 2020 10-12 November 2020



C-120 Continuing Airworthiness by Part-CAMO for CMPA & Commercial Operators (1008/2008)

This two-day course focuses on the content of Commission Regulation (EU) No 1321/2014 as amended by Commission Implementing Regulation (EU) 2019/1383 Annex Vb (Part-CAMO) and the relevant Acceptable Means of Compliance and Guidance Material (AMC & GM) regarding requirements to be met by an organisation who intends to apply for an approval to perform continuing airworthiness management and airworthiness review in accordance with Annex I (Part-M).

This course covers

- the personnel and organisational requirements to such an organisation approved i.a.w. Part-CAMO,
- the requirements to be met while performing continuing airworthiness management and airworthiness review i.a.w. Part-M,
- the meaning of airworthiness review, how airworthiness review should be prepared, carried out and which documentation is to be used

In addition, the interrelations to other relevant parts of Part-145, Part-66 and Part-21 are covered.

Using practical illustrations, participants will not only understand the regulation in theory but also gain awareness of how it can be practically and successfully implemented into their organisation.

Target Group	<ul style="list-style-type: none">• Former Part-M Subpart G CAMO required to convert the Part-M Subpart G approval to a Part-CAMO approval• Private and commercial operators and CAT operators licensed i.a.w. Regulation (EC) No 1008/2008• Continuing airworthiness management personnel and Airworthiness Review Staff• Quality personnel• Authority personnel
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Overview of EASA organisation and EASA regulations• Part-CAMO and relevant AMC & GM• Part-M and relevant AMC & GM with respect to continuing airworthiness management and airworthiness review• Other relevant parts of Commission Regulation (EU) No 1321/2014• Other relevant parts of Commission Regulation (EU) No 748/2012



- Organisational and personnel requirements for Part-CAMO organisation
- Competences and responsibilities of continuing airworthiness management personnel and Airworthiness Review Staff
- Conduct of the Airworthiness Review using checklists and completion of relevant administrative documentation
- Practical examples of issuance of the Airworthiness Review Certificate or Recommendation.

Duration 2 days

Price CHF 1'350.00

Dates 16-17 June 2020
06-07 October 2020

C-120 Continuing Airworthiness by Part-CAMO



C-122 Continuing Airworthiness by Part-CAMO according to Part-M or Part-ML

This two-day course focuses on the content of Commission Regulation (EU) No 1321/2014 as amended by Commission Implementing Regulation (EU) 2019/1383 Annex Vb (Part-CAMO) and the relevant Acceptable Means of Compliance and Guidance Material (AMC & GM) regarding requirements to be met by an organisation who intends to apply for an approval to perform continuing airworthiness management and airworthiness review in accordance with Annex I (Part-M) or Annex Vc (Part-ML) on aircraft other than CMPA and not used by air carriers licensed i.a.w. Regulation (EC) No 1008/2008.

This course covers

- the personnel and organisational requirements to such an organisation approved i.a.w. Part-CAMO
- the requirements to be met while performing continuing airworthiness management and airworthiness review i.a.w. Part-M or Part-ML,
- the meaning of airworthiness review, how airworthiness review should be prepared, carried out and which documentation is to be used

In addition, the interrelations to other relevant parts of Part-145, Part-66 and Part-21 are covered.

Using practical illustrations, participants will not only understand the regulation in theory but also gain awareness of how it can be practically and successfully implemented into their organisation.

Target Group

- Former Part-M Subpart G CAMO required to convert the Part-M Subpart G approval to a Part-CAMO approval
- Private and commercial operators and CAT operators not licensed i.a.w. Regulation (EC) No 1008/2008
- Continuing airworthiness management personnel and Airworthiness Review Staff
- Quality personnel
- Authority personnel

Pre-requisites

None

Contents

- Overview of EASA organisation and EASA regulations
- Part-CAMO and relevant AMC & GM
- Part-M and relevant AMC & GM with respect to continuing airworthiness management and airworthiness review
- Part-ML and relevant AMC & GM with respect to continuing airworthiness management and airworthiness review
- Other relevant parts of Commission Regulation (EU) No 1321/2014



- Other relevant parts of Commission Regulation (EU) No 748/2012
- Organisational and personnel requirements for Part-CAMO organisation
- Competences and responsibilities of continuing airworthiness management personnel and Airworthiness Review Staff
- Conduct of the Airworthiness Review using checklists and completion of relevant administrative documentation
- Practical examples of issuance of the Airworthiness Review Certificate or Recommendation.

Duration	2 days
Price	CHF 1'350.00
Dates	12-13 May 2020 01-02 September 2020

C-122 Continuing Airworthiness by Part-CAMO



C-009 Airworthiness Review for ARC Signatories incl. upcoming regulation changes

This one-day course introduces the participants to the system and the legal background of airworthiness review. It provides a detailed insight of paragraphs M.A.707, M.A. 710 and M.A.901 thru M.A.905. During this course the participants will learn what is meant by airworthiness review, how airworthiness review should be prepared, performed and which documentation should to be used. The course will cover the requirements and conditions under which a permit to fly can be issued. Upon completion of the course, the participants will have a broad understanding of the requirements and conditions for the issuance of the ARC or Recommendation for the issuance of the ARC.

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|---------------------|---|
| Target Group | <ul style="list-style-type: none">• Airworthiness Review Staff i.a.w. 145.A.30, M.A.607 and M.A.707• Nominated Person Continuing Airworthiness i.a.w. M.A.706(d)• CAMO Personnel involved in the airworthiness review process |
|---------------------|---|

Pre-requisites	Basic knowledge of Commission Regulation (EU) 1321/2014 Annex I (Part-M) and amendment thereof.
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|-----------------|---|
| Contents | <ul style="list-style-type: none">• Organisational and personnel requirements for CAMO+ and nominated Airworthiness Review Staff• Competences and responsibilities of the CAMO+• Conduct of the Airworthiness Review using checklists and completion of relevant administrative documentation• ARC signatory qualifications and training requirements• ARC tasks• Checklists required• Procedures required in Part 4 of CAME• Document and Physical survey contents• Validity of ARC• Aircraft transfer process• Practical examples of issuance and extension of the Airworthiness Review Certificate or Recommendation• Issuance of a Permit to Fly by Airworthiness Review Staff• Airworthiness review of ELA1 aircraft by Part 145 and Subpart F maintenance organisations• Content and applicability of Annex Va, Part T, Additional requirements for CAMO's, introduced by Regulation (EU) 2015/ 1536 |
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Duration	1 day
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Price	CHF 680.00
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Dates	18 June 2020 08 Octobre 2020
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C-010 Maintenance Program

This two-day course focuses on the content of EASA Part-M, which includes a detailed explanation and intense discussions. Through the use of practical illustrations, the participants will gain a solid understanding of the requirements associated with the Maintenance Programs and the process of establishing a maintenance program.

They will also gain a general understanding of the basic documents for the issue and amendment of maintenance programs i.a.w. applicable maintenance data and the operational requirements.

- Target Group**
- Nominated Persons
 - Quality Personnel / Compliance managers
 - Personnel responsible for continuing airworthiness tasks
 - Engineering staff
 - Planning staff

Pre-requisites Basic understanding of aircraft maintenance

- Contents**
- Content 1st day:**
- Requirements and regulations
 - Aircraft certification
 - MSG and MRB
 - Inspection standards
 - Maintenance programme sources
- Content 2nd day:**
- OPS specs
 - Maintenance programme establishment
 - Introduction to scheduled maintenance
 - Reliability programme
 - Maintenance programme effectiveness

Duration 2 days

Price CHF 1'350.00

Dates 10-11 June 2020
09-10 December 2020



C-012 FAA Part 145

This course familiarizes the participants with the aviation regulations of the United States of America with the emphasis on maintenance, preventive maintenance, rebuilding, and alteration, covering Part 39, Part 43 and Part 145 of Title 14 of the Code of Federal Regulations. Participants will learn how these regulatory requirements can be implemented into the organization to fulfil all legal requirements.

Target Group	<ul style="list-style-type: none">• Management Personnel• Supervisors• Inspection Personnel• Personnel authorized to approve an article for return to service (Certifying Staff)• Technicians• Quality Personnel working in FAA Part 145 certificated repair stations or an organisation intending to apply for such a certificate.
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Introduction to US FAA and the regulatory system (Code of Federal Regulations)• Title 14 CFR Part 39 and Part 43 and Part 145
Duration	2 days
Price	CHF 1'350.00
Dates	18-19 February 2020 08-09 September 2020



C-014 EASA Part-66 / Part-147

This two-day course focuses on the content of EASA Part-66 (Licensing – Application files – Standards of Training) and Part-147 Approved Maintenance Training Organisations (MTO) and the relevant Acceptable Means of Compliance and Guidance Material. Through the use of practical illustrations, the participants will not only understand the regulation in theory, but also gain awareness of how it can be implemented successfully into the Part 147 MTO approved for Basic and/or Aircraft Type Training.

This training present also:

- The links with the Part 145 for Real Environment for the Trainees;
- The interactions between the MRO's in regards of Licensing issues, Continuation Training, and the requirement to maintain Internal Authorization for Certifying Staff.

Target Group	<ul style="list-style-type: none">• National Aviation Authorities Personnel• Management Personnel• Quality Personnel• Instructors, Examiners, Invigilators• Practical Assessors• Certifying Staff and technicians
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Overview of EASA regulations• Commission Regulation (EU) No 1321/2014 (Articles)• Commission Regulation (EU) No 1321/2014 Annex III (Part-66)• Commission Regulation (EU) No 1321/2014 Annex IV (Part-147)• ED Decision 2015/029/R Annex IV (AMC to Part-66)• ED Decision 2015/029/R Annex V (GM to Part-66)• ED Decision 2015/029/R Annex VI (AMC to Part-147)• ED Decision 2015/029/R Annex VII (GM to Part-147)
Duration	2 days
Price	CHF 1'350.00
Dates	12-13 May 2020 16-17 December 2020



C-016 OTAR Part-39

This course covers the responsibilities of a Subpart E Continued Airworthiness Management Organization, the content of the Maintenance Control Manual, or Supplement, typical staff arrangements and qualifications as well as the quality system.

Course Objectives:

- Provide a detailed explanation of the operator's responsibilities, contracted arrangements, Subparts B, C, D, E & F responsibilities.
- To familiarize the participants with the implementation of continued airworthiness management in association with ICAO Article 83 bis Agreement.
- To provide a detailed explanation on the differences of Approvals under Subpart E.

Target Group

- OTAR 121 & 125 Operators / Quality Managers
- Maintenance and Continued Airworthiness Post Holders
- NAA staff / EASA Part M CAMOs
- Part 145 Maintenance Organizations wishing to gain OTAR 39 approval

Pre-requisites

Previous attendance to EASA Part M training course

Contents

- Overview of the Air Safety Support International (ASSI) regulatory system
- Introduction to high-level applicable regulations, including the role and legal status of OTARs and OTACs in a Continued Airworthiness regulatory environment
- Airworthiness and Continued Airworthiness concepts
- OTAR 39 Overview, its Subparts and Guidance Material
- Detailed review of Subparts A,B,C,D,E & F
- Interfaces between OTAR 39 and OTARs / OTACs related to Certification, Aircraft Registration, Operation and Maintenance
- Detailed review of the differences between OTAR 39 and EASA Part M
- Practical examples of continued airworthiness management in association with ICAO art. 83 bis
- Day 2 of the training course is dedicated to the practical application of the relevant OTAR Parts, consisting of group exercises covering aircraft registration, management of the continued airworthiness under Option 1 and 2, management of repairs and modification and Permit to Fly

Duration

2 days

Price

CHF 1'350.00

Dates

11-12 February 2020
22-23 September 2020



C-017 ETOPS / RVSM / LVO for Maintenance & CAMO

The objective of the Extended Twin-engine Operations (EDTO/ETOPS), Reduced Vertical Separation Minima (RVSM) and Low Visibility Operation (LVO) training course is to provide aircraft maintenance technicians and continuing airworthiness personnel with a broad, yet thorough knowledge of EDTO/ETOPS, RVSM and LVO related topics in order to maintain their individual qualification requirements. This course will provide an explanation into the background of the existing regulatory requirements in regards to EDTO/ETOPS, RVSM and LVO. Whilst this course covers in detail the associated certification, maintenance and airworthiness requirements, it also provides an overview of the operational aspects.

Target Group	<ul style="list-style-type: none">• The training course is tailored for Maintenance Organisations technicians and Continuing Airworthiness Management Organisations staff of operators engaged in EDTO/ETOPS, RVSM and LVO operations.• Competent Authority Members
Pre-requisites	Basic knowledge of Regulation (EU)1321/2014 Annex I (Part M) and/or Annex II (Part 145)
Contents	<ul style="list-style-type: none">• Introduction to EDTO/ETOPS, RVSM and LVO• History of EDTO/ETOPS, RVSM and LVO• EASA AMC 20-6 – Extended Range Operations with twin engines aeroplanes EDTO Certification and Operation• Airworthiness and operational regulatory requirements• Type Design Approvals• Maintenance, Continuing Airworthiness and Operational Approval• EDTO/ETOPS, RVSM, LVO approval and monitoring process• Maintenance and Continuing Airworthiness procedures• Basic knowledge of ADSB-Out to be made mandatory in European airspace as per June 2020
Duration	1 day
Price	CHF 680.00
Dates	08 December 2020



C-018 OTAR Part-145

The objective of the course is to provide the participants a full understanding of the operator's and maintenance organisation's responsibilities, contracted maintenance arrangements, OTAR Part 145 Subparts A, B, C, D and OTAR Part 43 Subparts A, B, C, D responsibilities. The participants will also get a full understanding on the differences of Approvals under Subpart A. This course covers the responsibilities of an OTAR Part 145 maintenance organisation, the content of the Maintenance Organisation Exposition, or Supplement, typical staff arrangements and qualifications, quality and safety management system.

Target Group	This course is aimed at EASA Part 145 Maintenance Organisations wishing to gain OTAR Part 145 approval. <ul style="list-style-type: none">• Management Personnel• Quality Managers• Maintenance Technicians and Certifying Staff• Competent Authority Staff
Pre-requisites	Previous attendance to EASA Part 145 training course
Contents	<ul style="list-style-type: none">• Overview of the global aviation regulatory structure• Overview of the Air Safety Support International (ASSI) regulatory system• Introduction to high-level applicable regulations, including the role and legal status of OTARs and OTACs in a maintenance environment• OTAR Part 145 and OTAR Part 43 Overview, its Subparts and Guidance Material• Detailed review of OTAR Part 145 Subparts A, B, C, D• Detailed review of OTAR Part 43 Subparts A, B, C, D and Appendix A• Interfaces between OTAR 145, 43 and other OTARs / OTACs related to Maintenance, Certification, Continued Airworthiness and Operation• Detailed review of the differences between OTAR Part 145/43 and EASA Part 145• Case studies of typical practical scenarios
Duration	1 day
Price	CHF 680.00
Dates	24 September 2020



0-007 Air Operation and Aircrew Regulation

To familiarise participants with the requirements of the EASA Air Operation and Aircrew Implementing Rules (EU REG 965/2012 and EU REG 1178/2011 including all current amendments) and its associated Acceptable Means of Compliance (AMC) and Guidance Material (GM) for Commercial Air Transport and Commercial Operations of operators with motor-powered aeroplanes.

- Target Group**
- Operators of Commercial Air Transport for aeroplanes: Management, Nominated Persons Flight Ops and/ or Crew Training, Compliance Monitoring Staff (Quality Staff) and Cabin Crew Management
 - Inspectors from National Aviation Authorities Flight Operations and/ or Training Departments

Pre-requisites Participants willing to understand and get familiar with the structure and content of EASA Air Operations and Air Crew Regulation and its requirements.

- Contents**
- Detailed review and the development of EASA OPS EU REG 965/ 2012 and its associated AMC and GM
 - Annex I – Definitions for Annexes II to VIII / Annex II - Part-ARO, Authority Requirements for air Operations / Annex III - Part-ORO, Organisation requirements for commercial air transport operators / Annex IV - Part-CAT, technical requirements for commercial air transport operations with aeroplanes / Annex V - Part-SPA, requirements for operations requiring specific approval /Associated Acceptable Means of Compliance and Guidance Material
 - Review and the development of EASA FCL EU REG 1178/ 2011 and its amendments (focussing commercial and multi pilot operations aeroplane only)
 - Annex I Part FCL / Annex IV Part Medical / Annex V Part Cabin Crew / Annex VI Authority requirements for Air Crew / Annex VII Part ORA Organisation Requirements for Organisations approved under the Aircrew regulation/ Associated Acceptable Means of Compliance and Guidance Material
 - Regulatory update and current legal status

This course does not cover:

CAT for sailplanes, balloons and A-to-A flights with aeroplanes and helicopters, Annex VAI – Part NCC / Annex VII – Part-NCO / Annex VIII – Part-SPO, Requirements for the initial private pilot licenses and a appropriate ratings

Duration 3 days (2 days Air Operation and 1 Day Aircrew Regulation)

Price CHF 2'025.00 Air Operation and Aircrew Regulation

Dates 17-19 March 2020 / 23-25 June 2020
15-17 September 2020 / 24-26 November 2020



O-004 Aircrew Regulation

To familiarize participants with the structure and content of the Air Crew Regulation (EU REG 1178/2011, including all current amendments) and its associated Acceptable Means of Compliance and Guidance Material.

This training is focusing mainly on motor-powered aeroplanes.

Target Group	<ul style="list-style-type: none">• Staff members of AOC holders• Staff members of Training Organizations• Inspectors from National Aviation Authorities Flight Operations and/or Training Departments
Pre-requisites	Participants willing to understand and get familiar with the structure and content of the Air Crew Regulation and its requirements.
Contents	<p>The main content addresses the following topics:</p> <ul style="list-style-type: none">• Regulatory introduction and update• Detailed review of Air Regulation EC 1178/2011 and its amendments• Annex I Part FCL• Annex II Conversion of national Licences• Annex III Acceptance of licences issued by third countries• Annex IV Part Medical• Annex V Part Cabin Crew• Annex VI Authority requirements for Air Crew• Annex VII Organization requirements for Air Crew• Associated Acceptable Means of Compliance (AMC) and Guidance Material (GM)
Duration	2 days
Price	CHF 1'350.00
Dates	05-06 May 2020 13-14 October 2020



O-002 SAFA Awareness

Upon completion of the course, the participants will have a comprehensive knowledge of the regulations and directives of SAFA inspections and the workings arrangements between EASA and the participating Civil Aviation Authorities. The participants will also gain knowledge of the history and the legal aspects of a SAFA inspections. The course also covers the necessary information on the preparing the crews and aircraft for a positive SAFA inspection.

Target Group	<ul style="list-style-type: none">• Pilots• Operator personnel from Flight OPS• Maintenance• Training and Ground OPS, including Nominated Postholders• Quality Managers and Auditors• Flight Safety Officers• Cabin Crew management
Pre-requisites	None
Contents	<p>The course covers all necessary information on how to be compliant for a positive SAFA inspection (crew and aircraft).</p> <ul style="list-style-type: none">• The course also covers an overview of the following:• Historical overview and background• Requirements (ICAO Annex 1, 6 and 8)• Working Arrangements between EASA and participating CAA• Legal Aspects• Inspection rules and responsibilities of stakeholders• SAFA Inspections<ul style="list-style-type: none">-> Selection method and periodicity of aircraft and operators to be inspected-> Scope of the inspection-> Inspection methodology• Process and results• SAFA Database• Implementation rules in EASA
Duration	1 day
Price	CHF 680.00
Dates	27 August 2020



E-001 Emergency Response Plan Basic

This course provides the participants needed skills to take on a leadership role in an emergency response organization. It provides the participants with the basic knowledge of the Emergency Response Planning including Crisis Management Team with tasks and responsibilities, alerting process, crises communication and care.

Target Group	<ul style="list-style-type: none">• Emergency Response Manager• Senior Manager• Managing Director• Quality Manager
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Introduction to crises management• Risk assessment / scenarios• Developing an emergency response plan• Emergency response organization• Responsibilities and compliance• Alarm and mobilization• Special assistance team basics• Crisis communication basics
Duration	1 day
Price	CHF 680.00
Dates	On request



E-002 Emergency Response Plan Exercise

This course provides you the needed skills to take on a leadership role in an emergency response organization. It provides the participants with the knowledge to train an Emergency Response Team and to design and conduct an Emergency Response Exercise.

Target Group	<ul style="list-style-type: none">• Emergency Response Manager• Senior Manager• Managing Director• Quality Manager
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Emergency response plan implementation: instruction, training and exercises• Emergency response facilities• Emergency response exercise
Duration	1 day
Price	CHF 680.00
Dates	On request



E-003 Aviation Security

This course provides an introduction to the global aviation security management. It provides the participants with the basic knowledge of the Convention on International Civil Aviation, Annex 17, Commission Regulation (EC) No. 2015/ 1998 and further relevant supporting documents.

Target Group	<ul style="list-style-type: none">• Compliance Officer• Accountable Manager• Management Personnel• Quality Manager• Auditor
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Structure and objectives of the European Commission (Mobility and Transport)• International aviation security regulatory system (ICAO Annex 17, EC Regulation, National Civil Aviation Security Programme)• International cooperation• Threat and risk management• Overview of quality control• Recruitment, selection and training• Organization and oversight• National Civil Aviation Security Programme• Regulated agent, known consignor regime framework• Bomb threat
Duration	1 day
Price	CHF 680.00
Dates	On request



Q-001 Management Systems in Aviation

This course introduces the Commission Regulations and Acceptable Means of Compliance / Guidance Material regarding "Organisation Requirements Operations", "Organisation Requirements Aircrew", "Part M" and "Part 145" with special focus on Management Systems / Safety Management Systems / Compliance Monitoring Systems / Quality-Systems and their interrelation. In addition to theoretical background, the participants will be provided with useful and practical tools and examples, which will be discussed. This to illustrate and explain how the relevant requirements can be successfully, effectively and efficiently implemented by means of an Organisation Management Manual. Participants should contribute to the course with their professional experience as much as possible. They will gain the know-ledge to establish, maintain and further develop their own Management System, Safety Management System and / or Compliance Monitoring System.

Target Group	<ul style="list-style-type: none">• Safety Managers• Quality Managers• Accountable Managers, Nominated Persons and other managing staff from operators, Training organisations, Continuing Airworthiness Management Organisations, Maintenance Organisations, National Authorities
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Strategic orientation of quality concept• Introduction to management systems and process management- Introduction to quality and safety management• Overview of Quality and Safety Management relevant standards and law (ISO 9001, relevant Commission Regulations incl. AMC / GM, ICAO Doc 9859)• Interpretation of those requirements relevant to Quality Systems / Compliance Monitoring Systems and Safety Management Systems• Workshops consisting of discussions about a lean structure of an effective and compliant Organisation Management Manual including Safety Management and Compliance Monitoring• Effective tools, which were well validated in practise, will be provided on USB-Stick
Duration	4 days
Price	CHF 2'700.00
Dates	02-05 March 2020 20-23 October 2020



Q-003 Safety & Quality Auditor

In addition to theoretical background, the participants will be provided with useful and practical tools and examples, which will be discussed. This to illustrate and explain how the relevant requirements can be successfully, effectively and efficiently implemented by means of an Organisation Management Manual.

Target Group	Future and current Auditors, who have to conduct audits as required by the Compliance Monitoring System / Quality System or the Safety Management System.
Pre-requisites	None
Contents	<ul style="list-style-type: none">• Relevant Commission Regulations incl. AMC / GM and ICAO regulations related to Management Systems, Safety Management Systems and Compliance Monitoring / Quality and Safety Assurance• Theoretical background with regard to audits based on ISO 19011 (Guidelines for auditing management systems)• Procedures and practical tools for planning, preparation and conduct of audits• Audit reporting, implementation and monitoring of corrective actions• Required profile for Auditors• Soft-skills such as communication, human factor problems and how to overcome them• Appropriate case studies to apply and further the theoretical knowledge• Useful and effective tools will be provided on USB-Stick
Duration	3 days
Price	CHF 2'025.00
Dates	21-23 January 2020 01-03 September 2020



Q-004 Auditor Refresher

This course expands the knowledge of Auditors who already attended a basic training for Internal Auditors (e.g. Q-003) and who intend to exchange their experiences with other Auditors. Participants contribute to the course with their own professional experience and work on practical tasks.

The training need of the participants will be identified and considered as far as possible.

Target Group	Qualified and experienced Internal Auditors for Quality and Safety Management Systems.
Pre-requisites	Experience and knowledge concerning Quality Auditing.
Contents	<ul style="list-style-type: none">• Changes in the relevant requirements of relevant Commission Regulations• Refresher on:<ul style="list-style-type: none">• Audit Techniques• Root Cause Analysis• Exchange of experience related to the auditing process and its related tools
Duration	1 day
Price	CHF 680.00
Dates	10 September 2020



Q-008 IQSMS Initial Training

Becoming a power user in IQSMS

Target Group Persons working for companies using IQSMS as their Safety-, Quality- and/or Risk Management software

Pre-requisites None

Contents

Administrator Functions for:

- General System administration
- Quality Management Module
- Risk Management Module
- Reporting Module

Reporting Module:

- Report Approval process
- Risk Assessment possibilities
- Statistics
- Report classification based on ADREP, ECCAIRS
- Root Cause Analysis
- Investigation Process

Quality Module:

- Creation Audit Plan
- Preparation and creation of audits
- Conducting audits online/offline
- Compliance List
- IOSA Conformance Report
- Quality Statistics
- Regulation Reader
- Linking of Regulations
- Amendment Tracking Tool

Risk Management Module:

- Creation of Bow Ties
- Risk Register
- Management of Change
- Statistics

Duration 3 days

Price CHF 2'025.00

Dates On request



Q-009 IQSMS Recurrent Training

Review of IQSMS functions

Target Group	Experienced IQSMS users
Pre-requisites	At least one year of experience working with IQSMS
Contents	<ul style="list-style-type: none">• In-depth System Administration and System Configuration• IQSMS system optimization possibilities• IQSMS process atomization• Report escalation functionalities• Working with IQSMS Dashboards• Investigation function
Duration	1 day
Price	CHF 680.00
Dates	On request



D-001 EASA Part-21 DOA Basic

During this course, participants will learn about regulations and requirements for Design Organisation Approval according to EASA Part-21. The course covers both, theoretical aspects as well as practical implementation to ensure productive and effective results. Furthermore, the course is a platform to discuss problems, issues and experiences in the working environment. An engineering case study offers the possibility to apply the learned content, followed by a presentation and class-room discussion.

The learning objective of this training is to give the participants an overview of the DOA sequences, to understand the basic elements of the classification of a change and to understand the responsibilities of EASA and the Design Organisation.

Target Group	<ul style="list-style-type: none">• Design Engineers• Compliance Verification Engineers• Independent System Monitoring Managers• Members of the Office of Airworthiness of the EASA Part-21 Subpart J Organisation
Pre-requisites	None
Contents	Introduction to the EASA regulatory framework of the Basic EU Regulation (EC) 2018/1139 and in detail (EC) 748/2012 EASA Part-21 including latest amendments and the requirements for design organisations, certification process, application for a supplemental type certificate, Level of Involvement, required structure of design organisations, guidance material documents for design and certification.
Duration	2 days
Price	CHF 1'350.00
Dates	28-29 April 2020 16-17 December 2020



D-002 EASA Part-21 DOA Expert

During this course, participants will learn and revise the regulations and requirements for Design Organisation Approval according to EASA Part-21. Amendments to the EASA Part-21 Regulations and their impact on the DOA Organisation will be covered and discussed.

The learning objective of this training is to give the participants an in-depth view of the DOA sequences and to understand the approval process of a modification.

Target Group	<ul style="list-style-type: none">• Design Engineers• Compliance Verification Engineers• Independent System Monitoring Managers and Members of the Office of Airworthiness of the EASA PART-21 Subpart J Organisation
Pre-requisites	Basic EASA Part-21 Training (D-001)
Contents	<p>Several certification case studies will be performed to set the view on the role of the Design- and CVE in regards to the four eye principle. The defined tasks in a DOA for the responsible engineers and managers will be reviewed. An in-depth view will be given on the classification of changes and repairs, which will be explained, and under which conditions these changes are approved under the privilege of the DOA or EASA.</p> <p>The usage of GM and AMC for the implementation on the case study or for the application in the Design Organisation to be in compliance to Part-21 will be revised and consolidated.</p>
Duration	2 days
Price	CHF 1'350.00
Dates	17-18 June 2020



D-003 EASA Part-21 DOA Continuation

As required by the Commission Regulation No 748/ 2012 Design Organisation Staff have to be provided by complementary training to ensure sufficient continued knowledge in the scope of their individual authorization. This includes the Basic Regulation (EC) 2018/ 1139, the Implementing Rule (EC) 748/ 2012, the applicable AMC (Acceptable Means of Compliance) and GM (Guidance Material), Certification Specifications and their practical application.

The Continuation Training reflects and revises all the main aspects of the Basic and Expert Part-21 Training. This Training should be taken into consideration one or two years after having performed the Basic/ Expert Training.

Target Group	<ul style="list-style-type: none">• Design Engineers• Certification Verification Engineers• Independent System Monitoring Managers and Members of the Office of Airworthiness of the EASA PART-21 Subpart J Organisation including Authority liaison
Pre-requisites	Basic / Expert EASA Part-21 Training
Contents	This continuation training can be adapted to the participants needs on request which will allow a dedicated and tailored training.
Duration	1 day
Price	CHF 680.00
Dates	19 August 2020



D-010 EASA CS-25 Basic, Initial Training - Module 1

The course aims to fulfil the following pedagogical objectives:

- Educate and train the candidate in the certification process and procedures that the MOC is shown to meet requirements.
- Widens the knowledge on certification approach for the modification and simplifies the understanding of certification procedures.
- Clarifies technical difficulties in showing of compliance with part 145 and theoretical examples.

The course enhances the understanding and deepens the knowledge on how and what needs to be considered to meet the requirements with key elements to consider during design and modification.

Target Group

Part 21J (DOA) Office of Airworthiness, Compliance Verification Engineers and any individual involved in certification of large aircraft modification.

Alternate Part 21J (ADOA) applicants who involve in design & modification of aircrafts, appliances and its certification process and procedures

Part 145 large aircraft inspectors, certifying staff and continued airworthiness managers.

Any individual, consultants or organizations that involve in minor/major (STC) modification and / or repair in large aeroplane.
Part-M Subpart G (CAMO) organisations managers, post holder maintenance managers, quality control.

Pre-requisites

-

Contents

Day 1

- Introduction to EASA and CS-25 latest amendments and related AMCs.
- Changes to previous amendments and brief knowhow on the changes.
- In depth certification Specification requirements on Flights, Structure, Design & Construction, Equipment, Operating Limitation and Information.
- Understanding of MOCs with practical and theoretical approach with some project examples.

D-010 EASA CS-25 Basic, Initial Training - Module 1



Day 2

- CS-25 for cabin safety, flammability, electrical system safety, airworthiness and operation.
- Training to solve/ mitigate practical difficulties in showing of compliance in relation to CS-25
- Discuss issues on certification misunderstanding between technical requirements and safety requirements.
- Understanding of TCDS and Certification Basis

Notes

To continue learning and to enhance your knowledge in CS-25 in respect to Avionics system certification specification, safety assessment and showing of compliance, refer to Module 2 "CS-25 – Avionics System (1 day).

To continue learning and to enhance your knowledge in CS-25 in respect to Cabin Safety, flammability, crashworthiness of aircraft interior and showing of compliance, refer to Module 3 "CS-25 – Cabin Safety (1 day).

Duration	2 days
Price	CHF 1'350.00
Dates	On request



D-011 EASA CS-25 Avionics System - Module 2

The course aims to fulfil the following pedagogical objectives:

- to educate and train the candidate about the key elements to consider in CS-25 for the avionics system installation / modification in Large aircrafts (example: Flight Management System - FMS).
- to enable the candidate to justify and select specific CS-25 requirements to qualify and meet the compliance for avionics system .
- explain the safety implication and the functional requirements on avionics system to be able to comply with the CS-25 safety objectives.

train the candidates to understand the important of lightning effect, HIRF, EMI, and system testing to adhere to CS-25 requirements and associated MOCs.

Target Group

Part 21J (DOA) Office of Airworthiness, Avionics Compliance Verification Engineer, avionics design engineer / team leader and any individual involved in certification of Avionics System Installation / modification in large aircraft.

Alternate Part 21J (ADOA) applicants who involve in design & modification of Avionics System and its certification process and procedures.

Part 145 large aircraft inspectors, certifying staff and continued airworthiness managers involved in avionics system maintenance, operation and instruction for continued airworthiness.
Any individual, consultants or organizations that involve in minor/ major (STC) modification and / or repair in large aeroplane in terms of avionics systems.

Part-M Subpart G (CAMO) organisation manager, post holder maintenance manager, quality control who involve in continued airworthiness of the aircraft avionics system (ATA chapter 23, 34 & 42).

Pre-requisites

-

Contents

- Understanding of CS-25 in respect to avionics systems, and considering the requirements for system installation/modification in large aircrafts, AMC / GM.

D-011 EASA CS-25 Avionics System - Module 2



- How to be selective in CS-25 requirements for avionics system without compromising safety objectives.
- Focus on the safety aspects of CS-25 in terms of avionics system and its protection against fire, smoke, lightning, HIRF & EMI.
- Discussion on subjective topics relates to commonly installed avionics system

General Practices in the avionics system installation / modification & design consideration for the showing of compliance to CS-25.

Notes

To continue learning and to enhance your knowledge in CS-25 in respect to Cabin Safety, flammability, crashworthiness of aircraft interior and showing of compliance, refer to "EASA CS-25 Training Module 2 -Cabin Safety (1 day)".

This module does not cover training about any operational approval requirements for avionics system Or FMS.

Duration	1 day
Price	CHF 680.00
Dates	On request



D-012 EASA CS-25 Cabin Safety - Module 3

The course aims to fulfil the following pedagogical objectives:

- to educate and train the candidate about the key elements to consider in CS-25 for the cabin safety, emergency evacuation fire protection and flammability.
- to enable the trainee to identify the non-compliance, non-safety item and allows to classify the cabin modification and justify the showing of compliance.
- gives overview about emergency evacuation, theoretical approach to show MOCs and learn key elements on safety objectives.

Gives understanding about fire protection and flammability in cabin refurbishment, modification and consideration in MED.

Target Group

Part 21J (DOA) Office of Airworthiness, Cabin Safety Compliance Verification Engineer, Cabin interior design engineer, and any individual involved in certification of Cabin modification, refurbishment, interior configuration change in large aircraft.

Alternate Part 21J (ADOA) applicants who involve in design & modification of cabin interior, refurbishment and interior change and its certification process.

Part 21 G (POA) quality manager, production manager, Flammability Compliance Verification Engineer, authorized signature holders or any individual involved in production of the cabin items & testing.

Part 145 large aircraft inspectors, certifying staff and continued airworthiness managers involved in cabin safety, maintenance, operation and instruction for continued airworthiness.
Any individual, consultants or organizations that involve in minor/ major (STC) modification and / or repair in large aeroplane in terms of cabin re-configuration & modification.

Pre-requisites

None

Contents

- CS-25 objectives in terms of Cabin safety
- Understanding the requirement in terms of cabin / passenger safety versus cabin / passenger comfort.
- Focus on emergency evacuation procedures, safety implication and theoretical approach for MOC
- Cabin fire protection, flammability and methods to show and comply with CS-25.
- Discussion on subjective topics relates to cabin safety in refurbishment classification, flammability testing and equivalent methods.

D-012 EASA CS-25 Cabin Safety - Module 3



Notes	To continue learning and to enhance your knowledge in CS-25 in respect to Avionics system certification specification, safety assessment and showing of compliance, refer to Module 2 "CS-25 - Avionics System (1 day).
Duration	1 day
Price	CHF 680.00
Dates	On request



D-013 CS25.853 - Flammability Requirements for Aircraft Interiors

The course aims to fulfil the following pedagogical objectives:

- Educate and train the candidate in the certification process and procedures that the MOC is shown to meet requirements.
- Widens the knowledge on certification approach for the modification and simplifies the understanding of certification procedures.
- Clarifies technical difficulties in showing of compliance with particle and theoretical examples.

The course enhances the understanding and deepens the knowledge on how and what needs to be considered to meet the requirements with key elements to consider during design and modification.

Target Group

Part 21J (DOA) Office of Airworthiness, Compliance Verification Engineers and any individual involved in certification of large aircraft modification.

Alternate Part 21J (ADOA) applicants who involve in design & modification of aircrafts, appliances and its certification process and procedures

Part 145 large aircraft inspectors, certifying staff and continued airworthiness managers.

Any individual, consultants or organizations that involve in minor/ major (STC) modification and / or repair in large aeroplane.
Part-M Subpart G (CAMO) organisations managers, post holder maintenance managers, quality control.

Pre-requisites

-

Contents

Day 1

- Introduction to EASA and CS-25 latest amendments and related AMCs.
- Changes to previous amendments and brief knowhow on the changes.
- In depth certification Specification requirements on Flights, Structure, Design & Construction, Equipment, Operating Limitation and Information.
- Understanding of MOCs with practical and theoretical approach with some project examples.



Day 2

- CS-25 for cabin safety, flammability, electrical system safety, airworthiness and operation.
- Training to solve/ mitigate practical difficulties in showing of compliance in relation to CS-25
- Discuss issues on certification misunderstanding between technical requirements and safety requirements.
- Understanding of TCDS and Certification Basis

Notes

To continue learning and to enhance your knowledge in CS-25 in respect to Avionics system certification specification, safety assessment and showing of compliance, refer to Module 2 "CS-25 - Avionics System (1 day).

To continue learning and to enhance your knowledge in CS-25 in respect to Cabin Safety, flammability, crashworthiness of aircraft interior and showing of compliance, refer to Module 3 "CS-25 - Cabin Safety (1 day).

Duration	2 days
Price	CHF 1'350.00
Dates	On request



P-001 EASA Part-21 POA Basic

During this course, participants will learn about regulations and requirements for a Production Organisation Approval according in accordance with EASA Part-21. The course covers both, theoretical aspects in regards to the interpretation of the defined Implementing Regulations and an overview of the content of the Production Organisation Exposition. Furthermore, the course introduces an in-depth view of the approval requirements for a POA and also is a platform for discussing problems and issues experienced in the production working environment.

The learning objective of this training is to give the participant an overview of the POA working environment, to understand the responsibilities of EASA (Competent Authorities) and the POA and furthermore also to understand the interactions between Production and Design.

Target Group	All Members (Certifying Staff, Nominated Managers, and Quality Personnel etc.) of an EASA Part-21 Subpart G approved Organisation.
Pre-requisites	Basic understanding of EASA Part-21
Contents	<ul style="list-style-type: none">• Overview of EASA organisation and EASA regulations• Commission Regulation (EC) No 748/2012 (Articles)• Commission Regulation (EC) No 748/2012 Annex I (Part-21) 21.A. Subpart G• ED Decision 2012/002/R Annex I (AMC & GM to Part-21)
Duration	2 days
Price	CHF 1'350.00
Dates	08-09 July 2020



P-002 EASA Part-21 POA Refresher

This workshop provides an overview of Commission Regulation (EC) No. 748/2012 and its amendments as it applies to Part-21. It provides a discussion platform in respect to the experiences gained through the day to day business.

The success of this workshop depends on the active contribution and participation of the attendees. Therefore, it is essential that they provide their input and questions prior to and during the workshop.

Target Group	All Members (Certifying Staff, Nominated Managers, Quality Personnel etc.) of an EASA Part-21 Subpart G approved Production Organisation.
Pre-requisites	EASA Part-21 POA Basic Training
Contents	<ul style="list-style-type: none">• Commission Regulation (EC) No 748/2012 Annex I (Part-21) 21.A. Subpart G• ED Decision 2012/002/R Annex I (AMC & GM to Part-21)• Discussion of specific concerns regarding EASA Part-145 implementation
Duration	1 day
Price	CHF 680.00
Dates	On request



PT-001 NiCad Batteries

The course involves the construction and functions of a NiCad battery and includes all steps of maintenance, installation, handling, storage and safety precautions. Special focus is applied to capacity checks and reconditioning (deep-cycling) as these are key elements for a long and trouble-free battery life at minimum cost for the operator. The course shows methods to achieve maximum results with different materials and equipment already available in the workshop or yet to be acquired. Upon completing the course, participants will be able to carry out the complete spectrum of maintenance independently.

Target Group	Technical Personal
Pre-requisites	None
Contents	The above mentioned objectives are divided into a theoretical part (first day) and a practical part (second day).
Duration	2 days
Price	CHF 1'350.00
Dates	22-23 April 2020 18-19 November 2020



B-10.7 Module 10 CH Swiss Aviation Specifications Aviation Law 748

The course aims to fulfil the following pedagogical objectives:

- To know missions & roles of FOCA (Federal Office of Civil Aviation);
- To identify the differences between EASA Requirements and Swiss National Specifications;
- To define requirements in terms of qualification of Certifying Staff under EASA and FOCA.

Target Group

- All personnel within continuing airworthiness Organisations: Nominated Personnel,
- Quality & Safety Managers,
- Certifying Staffs exercising certification's privileges in Switzerland

Pre-requisites EASA Part 145 Regulation course Initial is recommended.

Contents Introduction of Swiss Legislation Law 748.0 and structure of the texts (Ordinances and Technical Communications)
Detailed description of required Qualifications for the certifying Staff (exercising privileges on Aircraft and components)
Licensing: "S" Specialists and personal authorization Requirements;

Duration 1 Day

Price CHF 680.00

Dates On Request



M-001 EMAR 145

This two-day course focuses on the content of EMAR 145 and the relevant AMC & GM. Using practical illustrations, the participants will not only understand the regulation in theory, but also gain awareness of how it can be implemented successfully into the organisation. In addition, a detailed explanation of how EMAR 145 interphases with EMAR M, EMAR 66 and EMAR 21. Through the use of practical illustrations, participants will not only understand the regulation in theory but also be explained how it can be practically and successfully implemented into their organization.

Target Group	Personnel involved in Military Continuing Airworthiness. <ul style="list-style-type: none">• National Military Airworthiness Authorities (MAWA) Personnel;• Management and Quality Personnel;• Certifying Staff and technicians.
Pre-requisites	None
Contents	Overview of European Military Airworthiness Requirements (EMAR) from EDA (European Defense Agency). <ul style="list-style-type: none">• EMAR 145 Section A Technical Requirements• EMAR 145 AMC & GM Section A Technical Requirements• Forms
Duration	2 days
Price	CHF 1'350.00
Dates	On Request



M-002 EMAR 66-147

This two-day course focuses on the content of EMAR 66 (Licensing – Application files – Standards of Training) and EMAR 147 Approved Maintenance Training Organisations (MTO) and the relevant Military Acceptable Means of Compliance and Guidance Material.

Using practical illustrations, the participants will not only understand the regulation in theory, but also gain awareness of how it can be implemented successfully into the EMAR 147 approved MTO for Basic Training combined with Military Aircraft Type Training.

This training present also:

- The links with the EMAR 145 AMO's (Approved Maintenance Organisations) for Real Environment for the Trainees;
- The interactions between the AMO's EMAR 145 and the Military NAA's in regards of Licensing issues;
- Continuation Training, and the requirement to maintain Internal Authorization for Certifying Staffs within the AMO's.

Target Group	Personnel involved in Military Continuing Airworthiness (Maintenance, Training and Licensing). <ul style="list-style-type: none"> • National Military Airworthiness Authorities (MAWA) Personnel; • Management and Quality Personnel; • Instructors, Examiners, Invigilators, Practical Assessors; • Certifying Staff and technicians.
Pre-requisites	-
Contents	Overview of European Military Airworthiness Requirements (EMAR) from EDA (European Defense Agency). <ul style="list-style-type: none"> • Technical Requirements EMAR 66 - Section A; • Technical Requirements EMAR 66 - Section B.(Subparts A,B,C,D,E&F); • EMAR 66 Appendices I > VI; • Technical Requirements EMAR 147 - Section A (Subparts A,B,C&D); • Technical Requirements EMAR 147 - Section B (Subparts A,B&C); • EMAR 147 Appendices I,II&III; • Forms; • Acceptable Means of Compliance (AMC) & Guidances Material (GM); • Changes.
Duration	2 days
Price	CHF 1'350.00
Dates	On request



O-100 Flight Planning

This one day course focuses on refreshing the knowledge and usability of different flight planning systems. Either using PPS from Air Support or Rocket Route, other using Fore Flight or Arinc. We will focus on the flight planning systems during this training and give some hints, to use in daily operation and use.

The Training will mainly focus on one single programme. We can specialise the training to either PPS, Rocket Route, Fore Flight, etc.

Target Group	<ul style="list-style-type: none">• Flight Dispatchers / Flight Operations Officers• Flight Planners• Dispatch Support Staff
Pre-requisites	The trainee should have a basic knowledge in planning flights. Good knowledge of flight planning methods and procedures and the use of the company own flight planning system.
Contents	<ul style="list-style-type: none">• Introduction into the system itself• Basic flight planning• Setup of Aircrafts in systems• Setup of data in systems• Coordination of several systems• EROPS/ETOPS/ETO planning• Isolated aerodrome planning• BIAS and Differences setup• Flight plan adaptation
Duration	1 day
Price	CHF 680.00
Dates	On request



O-101 Meteorology

This one day course focuses refreshing the basic knowledge of principles of meteorology, an understanding of meteorological observations as well as their interpretation, dissemination, and use in making forecasts must be thoroughly understood.

Target Group	<ul style="list-style-type: none">• Flight Dispatchers / Flight Operations Officers
Pre-requisites	The trainee must have a broad understanding of the general circulation and world climate, and a thorough basis for understanding weather conditions at specific locations and along specific routes. The trainee must be able to understand weather conditions and make intelligent deductions therefrom.
Contents	<ul style="list-style-type: none">• Composition of the atmosphere• General understanding of how weather is influencing aviation• Thunderstorms & Icing• RVR, Visibility, Surface observations• Turbulences• Frontal Systems
Duration	1 day
Price	CHF 680.00
Dates	On Request



O-102 Navigation & Flight Planning

This one day course focuses on reviewing the concept of the navigation aids and airspace systems used on a daily basis. It deepens the knowledge of the general Airspace structure and gives helpful insights in flight planning systems and its use as well as operational assessment during daily operation.

Target Group	<ul style="list-style-type: none">• Flight Dispatchers / Flight Operations Officers• Flight Planners• Dispatch Support Staff
Pre-requisites	The trainee should have a general understanding of navigation forms and aids common in aviation. Also a basic knowledge of the airway structures and airspaces. Good knowledge of flight planning methods and procedures, practice in use of charts and tables is required.
Contents	<ul style="list-style-type: none">• Chart Reading & understanding• Navigation Aids refresher• Different variations of Charts• Air Traffic Management and Airspace Systems• Flight planning using divers FP Systems (PPS, Rocket Route, Foreflight, etc.)• Planning with suitable airports and alternates• Determination of Airport suitability for used aircraft• Required positions in a flight plan• Performance calculation using IRTs and Performance Software• Flight Monitoring resources
Duration	1 day
Price	CHF 680.00
Dates	On Request



O-103 Winter Operations

This one day course focuses on reviewing the effects of icing on aircrafts and its influence on its performance.

The course will raise the awareness of FOO's and Dispatchers, as well as Pilots for procedures and precautions which should be adopted during winter operation.

Target Group	<ul style="list-style-type: none">• Flight Dispatchers / Flight Operations Officers• Pilots / Co-Pilots• Airline Ground Operations Staff
Pre-requisites	<p>Flight Operations Officers / Dispatchers involved in daily operations, preparation of flights and pre-planning</p> <p>Pilots / Co-Pilots involved in daily operation</p> <p>Airline Ground Operations Staff involved in Aircraft Operation and handling aircraft on ground</p>
Contents	<ul style="list-style-type: none">• Effects of aircraft icing• De-icing and anti-icing fluids and their characteristics• De-icing and anti-icing procedures• Holdover times• Holdover tables• Decoding SNOWTAMS• Braking Action• Landing Performance• Effects on Take-off Performance• Runway states for planning and for pilots
Duration	1 day
Price	CHF 680.00
Dates	On Request



U-001 EASA UAS Regulations and National Specifications

The course aims to fulfil the following pedagogical objectives:

To show the European Aviation Safety Structure applicable to the Unmanned Aircraft and Unmanned Aircraft Systems;

To identify tasks of Airworthiness in Aviation, Drones and U Space;

To get a deep knowledge of Security, Privacy, data and environmental protection;

To get deep knowledge of requirements around the safety concerning Unmanned Aircraft Operations;

Target Group	Operators; competent authorities, Remote pilots; Maintenance staff, UAS Manufacturers, other space users (Navigation services, Air Traffic Controllers). General public, Model aircraft associations and clubs.
Pre-requisites	None
Contents	Day 1 Introduction to the EASA regulatory system. Overview of the Complete Structure. <ul style="list-style-type: none">• EASA Normative Context: Definitions, cartography, Rulemaking• Structure of Texts, AMC's (Oct. 2019);• Classification of UAV's;• National specifications• Safety Risk identification;• Occurrence Reporting;• Registration, e-identification;• Definition of "Safe operations";• Pilot competency requirements;• Training programme (Initial / Continuation). Day 2 <ul style="list-style-type: none">• Operation's manual / Air Navigation provisions• Job Applications / Use cases;• Attending to a "practical Training Operation" – Flying operations• Preparation of Material• Feedback / Questions & Answers
Duration	2 days
Price	CHF 1'350.00
Dates	On request



General Conditions for Courses Q.C.M. quality control management AG

1. Registration

All registrations are handled by our back office:
Q.C.M. quality control management AG
Eichholzweg 22-24
CH-3123 Belp

Telefon: +41 31 960 40 60
Fax: +41 31 960 40 65
E-Mail: train@qcm.ch
www.qcm.ch

2. Information

Please contact our office for information concerning course confirmations, invoices, event dates etc.

3. Course Confirmation

You will receive confirmation of a course within 10 (ten) working days after registration. Issuance of confirmation constitutes a binding contract.

4. Course Fee

Payment is due 10 (ten) days prior to commencement of the course. QCM charges default interest of 5% per annum on all outstanding payments after the end of the due payment period.

As a Swiss Company, our invoices are usually issued in CHF. For payment in other currencies, the exchange rate on the invoice date applies.

5. Weekend Premium

For company internal courses conducted on weekends and Swiss Federal Holidays, a 50% surcharge will be included.

6. Services

In the case of external courses, the trainer's travel and accommodation expenses and any additional expenses, which were paid in advance by QCM, will be subsequently invoiced to the customer with a handling fee of 3%. Course material and certificates as well as beverages, snacks, and lunch are included in the course fee for courses held at QCM facility in Bern-Belp and Vienna.

Only certificates will be issued for courses conducted outside of our location.

7. Course Certificate

Upon completion of the course, the participant will receive either a "Certificate of Attendance" or "Certificate of Achievement". The certificate will be issued upon receipt of payment and the participant attended at least 90% of the course.

8. Number of Participants

Open courses are limited to 12 participants however, there is also a minimum number of participants required in order for the course to be offered.

9. Course Language

English or German or French



10. Customer Cancellation/Rebooking

The following payment conditions are applicable for cancellation:

Open courses:

0 – 5 working days prior to course:
80% of course fee will be charged

6 – 10 working days prior to course:
50 % of course fee will be charged

11 or more days prior to course:
No charge

Company-internal courses:

00 – 05 working days prior course beginning:
cancellation fee 100% of course fee plus possible travel and accommodation expenses.

11. Replacement

Replacement participants are allowed at any time. Immediate notification to the training department with personal details is required.

12. Resignation

No reimbursement (partial or otherwise) will be given if a participant withdraws from the course after commencement.

13. Cancellation by QCM

If a course is cancelled or rescheduled for any unforeseen reason (i.e. illness of the instructor), an alternate date will be arranged. If a participant is not able to take part on the new date, a refund will be made of the paid fees. QCM will not be liable for any claims of compensation for travel, hotel, etc.

14. Copyright

The training material is protected by copyright in which QCM has explicit rights. Permission must be obtained from QCM prior to any other use, storage or distribution.

15. Alterations

We reserve the rights to adjust course fees, contents as well as performance dates and locations.

16. Place of Jurisdiction

Bern, Switzerland is the place of business and therefore QCM falls under Bern's legal jurisdiction.



Resting well after a successful day - this is what we aim to provide. Located near the airport Berne-Belp, our QCM Campus is easily reachable by car, train or plane. Our seminar rooms are set up with all the modern conference equipment you will need. And when the work is done, you can enjoy the comfort of our tastefully furnished guestrooms which make you feel like home.

welcome to our campus

QCM Campus was built in 2011/2014 and is probably one-of-a-kind in the region. It combines the clinker-built walls of the classical North German «Hofreite» (homestead) with a straight and efficient Swiss architecture. The three-sided, surrounded homestead picks up the agricultural granges where living and working is combined under one roof.

The campus consists of three buildings which stand at a right angle to each other. They enclose a screened courtyard including a beer garden that invites you to rest and relax. The two main buildings are used as administrative wings and house different aviation enterprises while the central building is designed as a course and conference building.





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