



University of St.Gallen

Center for Aviation and Space Competence



CAS Aviation Accountability, Safety
and Compliance Management (ASCM)

Facts & Figures

2005
Foundation CFAC-HSG

> 100
Alumnis

10
Employees at CFAC

5
Fellows (practitioners from the
industry with a strong scientific
background)

HSG Impact Award 2023
Sustainable Aviation

3
CFAC Books (Sustainable Avi-
ation, Aviation Risk and Safety
Management, Aviation Systems)

4
Executive Programs

Accreditations





Welcome

The ongoing liberalization of markets, rapid technological changes, digitalization and the establishment of new business models in aviation raise new questions for theory and practice. Current and future developments in aviation are thereby shaped by the industry actors and structures, in short, the aviation system. To lead efficiently their company or department, a deeper understanding of the industry and all actors on a global scale is essential for aviation managers.

It is the aim of our Certificate of Advanced Studies in Aviation Accountability, Safety and Compliance Management (CAS-ASCM), which is a unique CAS executive education at University level, to bring Aviation Managers up to date in current Aviation Management and Regulation issues.

A stylized, handwritten signature in black ink, appearing to read 'A. Wittmer'.

Dr. Andreas Wittmer
Managing Director

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Overview

Location

The Certificate of Advanced Studies in Aviation Accountability, Safety and Compliance Management (CAS-ASCM) mainly takes place at the Conference Hotel Einstein in St. Gallen. The hotel is located in the heart of the city center and close to many sightseeing spots.



Some events or presentations also take place at the Campus of the University of St. Gallen to enjoy the campus atmosphere.

The International Management and Leadership module is always in Singapore. Participants will gain insights into doing business in Asia with company visits and guest lectures.



Program benefits

The Certificate of Advanced Studies in Aviation Accountability, Safety and Compliance Management (CAS-ASCM) is a unique executive education at university level. For the last nearly 20 years, CFAC-HSG has been educating aviation managers.

The CAS-ASCM develops high potential aviation managers into global aviation leaders by turning their aviation practice into capabilities for managing global aviation. It prepares participants to maintain, stream and improve insights about the aviation market, competition, customers, suppliers and regulations. Capacities are built with respect to challenges in accountable management, internal auditing, safety and security management, international management and leadership.

The direct transfer into practice is achieved by applying specific business cases, which are often introduced by the participants. Equipped with an overview, frameworks and tools, the participants will be able to lead, control and increase the efficiency of processes in global aviation management. They will receive structures and tools to auditing their companies and will be able to reduce the risk by using the provided risk management framework. Schemes for quality and safety management help them to comply with regulations. Finishing this program will enable the participants to influence and steer the company by applying their knowledge of the global system of aviation.

Four reasons to participate at the CAS are:

1. Brush up on Aviation Management in an international context

Globalization has led to a strongly growing demand in international air transport. To make the most out of this opportunity, it is important for aviation managers to have a deeper understanding of the global aviation industry as a whole. The CAS gives you insights about the aviation market, its competition, customers, suppliers and regulation on an international scale. Capacities are built with respect to challenges in project, international, safety & security management and internal auditing.

2. Transfer your knowledge immediately into practice

Lectures are followed by real cases and workshop style discussions. The participants themselves often introduce specific business cases. Company visits and guest lectures will give you practical insights into operations and service innovations.

3. Increase the efficiency of processes in your company

After having participated in our program, you will have an understanding and overview of the global aviation system. You will know about the crucial regulations and their impacts on your business. Frameworks for quality and safety management as well as for auditing processes will help you and your company to comply with these regulations. By using the provided risk management framework, you can reduce the risks facing your company and prepare it optimally for an ever-changing world.

4. Join the Alumni Network

Our participants have access to the aviation network of past participants of our programs and all instructors as well as your course-mates.



«The CAS has exceeded my expectations. The modular setting of the course, the know-how transfer by dedicated and competent lecturers, the inspiring personal exchange among aviation professionals and the positive learning atmosphere – a perfect combination and a great experience!»

Alex Schönenberger, Captain and Flight Instructor/Examiner, Participant



Doing a real Audit at an Airport



CAS-HSG Certificate and 10 ECTS after finishing all modules plus Transfer Paper



«The CAS was not only an opportunity for me to deepen my knowledge in aviation, but also to expand my network and gain valuable insights for my professional future.»

Raphael Widmer-Kaufmann, Lawyer and notary, Participant

«The CAS gave me, as a theoretician coming from insurance, the opportunity to build a network with practitioners from all directions of aviation as well as from different nations.»

Sonja Bollier, Risk Transfer Expert, Participant



Small groups for efficient exchanges

CAS in Aviation Accountability, Safety and Compliance Management

Target Group

To be considered for the program, aviation and aerospace experience and/or a bachelors or master's degree is an advantage, but not exclusively needed. We also welcome newcomers who wish to enter the aviation industry. We expect English written and spoken language skills.

Business areas:

- Aviation and Aerospace Managers
- Accountable Managers
- Corporate Development Managers
- Safety Managers
- Auditors / internal Auditors / Controllers
- Risk Managers
- Project Managers
- Regulators
- etc.

Structure

The CAS is divided in four individual Modules:

- Accountable in Aviation Management
- International Management and Leadership (Singapore)
- Risk, Safety & Security Management
- Auditing in Aviation

Participants of the entire program (17 days in total) receive 10 ECTS and the CAS-HSG Certificate. It is also possible to attend only one module or individual days (these participants receive a confirmation of participation).



Module 1: Accountable Aviation Management

The aviation industry is challenging from the market and cost perspective, but also because of the numerous ever-changing regulations. The growing complexity of the aviation management requires a deeper understanding of certification, risk management, quality management processes, etc.


- Overview of international authorities and organizations in aviation
- Accountability, duties and responsibilities of the accountable manager
- Labor law in aviation
- EASA regulation
- Risk management in aviation
- Quality management (frameworks and implementation)
- Certification process management
- Customer value and key account management



Module 2: International Management and Leadership (in Singapore)

The aviation industry grows most in Asia these days and that's why the International Aviation Management Module will take place in Singapore. A special focus on how to do business and to feel and meet Asian business is essential. You will gain an overview of the Asian aviation business community and discuss market entry strategies. Furthermore, you will get to know how to successfully manage a company in a cross-cultural environment, since aviation managers need to be able to deal with different cultural backgrounds. Each course day starts with a theory section in the morning, in the afternoon you will get practical insights into operations and service innovation while visiting companies.

- Doing business in Asia & recalibrating your views on Asia
- Market strategies and competing in Asia
- Leadership Style and Team Leadership
- Self-Leadership and intrinsic Motivation
- Company guest talks and visits with insights into operations and service innovation



Module 3: Risk, Safety & Security Management

Risk Management is key for any organisation. This module focuses on applying a risk management approach to structurally measure corporate risk in addition to safety and security risks.

Safety is a key issue in aviation. In order to meet the requirements of aviation safety, a number of organizations and institutions have been set up at global, regional and local level to develop common rules, regulations, standards and procedures regarding safety issues and to oversee their implementation in the airline industry. Over decades, the regulatory framework and safety requirements have been built up. But is regulation enough? This module explains how to be compliant with regulations and offers tools and practices to be efficient. We also discuss different company

cultures and how to achieve a culture which increases safety.

Furthermore, Cyber Security and Cyber Crime issues have become relevant topics on agendas of managements. Challenges are to know how to deal with these risks and how to prevent from them.

- Fundamentals and structure of safety management in aviation
- Business benefits of implementing a SMS
- EASA management system requirements (part ORO)
- Industry code of best practice
- Safety culture
- Regulatory requirements
- Data privacy
- Introduction to Cyber crime in Aviation

Module 4: Auditing in Aviation

To consistently ensure compliance, internal auditing becomes highly important. This module deals with compliance, the basic regulations to it and with how to install efficient internal auditing processes. You will get an introduction to auditing, but also deepen your knowledge of the whole audit process. To follow the auditing module, it is required to join the safety management basics class in the accountable management module.

- Regulations of management systems (ISO/EASA)
- Design and structure of EN ISO 19011
- Auditing
- Audit preparation, performance and follow-up actions
- Communication and behavior during the audit
- Audit-software AMAS (Aviation Management Audit System)

Overview

CAS Program

Participants of the entire program (4 Modules, 17 days, Transfer Paper) receive 10 ECTS and the CAS-HSG Certificate. It is possible to attend only one module or individual days as well.

Entire program

CHF 13'900.— / CHF 12'700.— *

Accountable Aviation Management (January, St. Gallen)

CHF 5'100.— / CHF 4'950.— *

International Management and Leadership (June, Singapore)

CHF 3'400.— / CHF 3'290.— *

Safety & Security Management (September, St. Gallen)

CHF 3'400.— / CHF 3'290.— *

Auditing in Aviation (November, St. Gallen)

CHF 2'550.— / CHF 2'490.— *

Individual days

CHF 950.— / CHF 890.— *

* CFAC/FFAC Supporter
(annual fee for companies: CHF 1'000)

For the current dates please refer to
our webpage:

www.cfac.ch

Together with IATA we offer a Diploma
of Advanced Studies in Global Air
Transport Management. Please refer to:
<https://es.unisg.ch/en/executive-program-me/global-air-transport-management-das/>





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From insight to impact.