

Diploma in Aviation Safety Management

This diploma combines aviation regulatory elements with operational considerations to equip you with the knowledge and skills to develop, implement and operate an effective safety oversight and management system in line with International Civil Aviation Organization's (ICAO) Standards and Recommended Practices (SARPs).

HOW YOU WILL BENEFIT:

The programme is designed to equip aviation professionals with responsibilities in safety with an appreciation of international aviation best practices and the competencies necessary to comply with ICAO SARPs.

WHAT YOU WILL LEARN:

Upon completion of this diploma, you will be able to:

- Apply safety management methodologies and ICAO SARPs to improve safety and enhance efficiency in your organisation
- Identify the common concerns and key trends in civil aviation safety development
- Develop and implement safety programmes to address key safety considerations in decision making in civil aviation
- Plan and execute the key deliverables to meet your national and/or organisation's safety obligations and needs
- Develop competencies as safety managers and safety oversight inspectors

PROGRAMME STRUCTURE

This programme comprises both compulsory and elective courses. To complete the programme, you should complete at least 2 compulsory courses, and select any electives based on your job function or areas of interest. You have the flexibility to attend each chosen course based on your preferred sequence/schedule.

Compulsory Courses (Choose at least 2 courses)	
State Safety Programme Implementation	5 days
Safety Management Systems Implementation	5 days
Integrated Safety Management Systems	10 days
Elective Courses (Choose Any)	
Risk Management	
Aviation Weather Risk Management	5 days
ICAO Standardized Training Package: Operational Hazard Identification and Risk Mitigation ¹	4 days
Incident Investigation: Effective Safety Risk Management	5 days

Aerodrome Safety	
ICAO Annex 14 Requirements and Application	5 days
Aerodrome Safety Operations ²	3 days
Accident & Incident Investigation	
Aircraft Accident Investigation Techniques	5 days
Aircraft Accident Investigation Management	5 days
Air Traffic Management Safety Investigation and Analysis	5 days
Safety Assurance	
Safety Audits of Air Traffic Services	5 days
Resolution of Safety Issues	5 days
Auditing Techniques and Best Practices	5 days
Safety Oversight	
Safety Oversight Inspectors (Aerodrome)	5 days
Safety Oversight Inspectors (Air Navigation Services)	5 days
Safety Oversight Inspectors (Airworthiness)	10 days
Safety Oversight Inspectors (Flight Operations)	10 days
Safety Oversight of Aviation Meteorological Services	4 days
Human Factors	
Human Factors in Aviation Workshop	5 days
Introduction to Human Factors in Air Traffic Services	3 days

¹ Only course runs conducted at SAA will be considered as part of SAA's Diploma in Aviation Safety Management.

² Jointly organised with UK CAAi. Only course runs jointly organised with SAA will be considered as part of SAA's Diploma in Aviation Safety Management.

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WHO SHOULD APPLY

Aviation professionals who want to broaden their knowledge in aviation safety management.

PANEL OF ADVISORS AND LECTURERS

The programme is conducted by a panel of advisors and lecturers comprising:

- Senior practising personnel from the Civil Aviation Authority of Singapore and other government and aviation-related organisations
- International aviation industry experts

HEAR FROM OUR DIPLOMA HOLDERS

"As an avid pursuer of knowledge, I continuously seek new areas in learning and am a firm believer of an organisation's need to nurture a learning culture. The SAA diploma is a good fit to complement a State's effort in developing competencies in safety management, especially in a safety-critical industry. The diploma covers a wide range of training in diverse areas – from air navigation, airport to regulatory functions. I encourage all who are looking to develop competencies to enhance individual or organisational performance in safety to take up this diploma!"

Captain Chowdhury Md Zia Ul Kabir, Bangladesh

"As the head of the Aerodrome Safety Unit, I remain deeply committed to developing and maintaining my team and my own competency in safety management. The diploma programme provided a structured framework to anchor the fundamentals of SMS with the compulsory and elective modules. The exercises were particularly useful as they showed participants how to apply those tools in safety management, such as the HIRM (hazard identification and risk management) worksheet."

Mr Alan Xavier Tan, Singapore

CERTIFICATION

A Diploma in Aviation Safety Management will be awarded to those who have successfully completed the compulsory courses and chosen electives, as well as passed all assessments (if applicable) for the courses within the candidature period. Diploma holders may append the abbreviated form of the qualification "Dip. Aviation Safety Mgt." after their name.

CANDIDATURE PERIOD

The programme is to be completed within 3 years, starting from the date of the first course. The total duration of compulsory and elective courses must add up to a **minimum** of 30 days (6 weeks).

PREREQUISITES

- Have prior training or experience in aviation-related industry or Occupational Safety and Health (OSH)
- Be proficient in the English language

FEE, DATES, LANGUAGE & MODE OF DELIVERY

Please refer to the SAA programme calendar at <https://go.gov.sg/saa-prog-calender> for the fees, mode of delivery and course dates.

Course details and updates can be found under 'Apply for Programmes' at <https://caas.gov.sg/saa>

All courses are conducted in English.

DURATION

Total duration of compulsory and elective courses must add up to a **minimum of 30 days**.

APPLICATION

Apply online at <https://go.gov.sg/saa-diploma>

The diploma is open for application all year round.

FREQUENTLY ASKED QUESTIONS

Q: I have completed some of the courses offered under this programme. Can I count them towards the diploma? For courses that I have attended that are beyond the candidature period, can I appeal for them to count towards the diploma?

A: You can count eligible courses taken within a 3-year period for the diploma. Courses taken outside the candidature period will be reviewed on a case-by-case basis.

Q: I had attended an on-site SAA course that was similar. Can these courses count towards the diplomas?

A: Courses offered outside of Singapore by SAA with similar course content as those offered in SAA's Singapore campus may be counted towards the diploma. To enquire if your on-site training qualifies for the diploma, please write to saa@caas.gov.sg.

Q: Some of these courses are offered as compulsory /electives under the diploma in Civil Aviation Management and Aviation Safety Management. Can the same course qualify for both diplomas?

A: Yes, a course offered as a *compulsory* or elective module under the respective programme can count towards both diplomas.

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