



ICAO COSCAP SEA



This project is funded by the European Union and implemented by FASA.

**ICAO COSCAP- SEA & EASA
Safety Oversight for ANS Inspectors – Initial Course (Virtual)
10, 11, 13 & 14 August 2026, 09:00-12:00 hrs. (Bangkok time)**

SYLLABI

Course ID: n/a	Course Title: Safety Oversight for ANS Inspectors – Initial	Course Duration: 4 Days Mode: Virtual
Description: Fundamental principles to implement efficient safety oversight in the ANS domain as part of the State Safety Oversight (SSO) System.		
Target Participants: New ANS inspectors and inspectors under OJT, including ATM, CNS, AIS, MET, CHART, PANS-OPS and SAR sub-domains.		
Course Objectives: At the conclusion of the course, participants will be able to: <ul style="list-style-type: none"> ▪ Understand the main air navigation and safety oversight frameworks applicable worldwide, with a focus on the APAC region. ▪ Understand the role and responsibilities of ANS inspectors (not only those related to audits and inspections). ▪ Understand the main ICAO Standards and Recommended Practices (SARPs) and guidance relating to ANS. ▪ Support the Effective Implementation (%EI) in ANS by updating their organisation's safety oversight mechanisms (ANS-focused). 		
Prerequisites: This activity is designed for newly accredited inspectors seeking to strengthen their knowledge of safety oversight, as well as those currently in the OJT phase. It is not recommended for inspectors with extensive experience.		
Course Outlines: <ol style="list-style-type: none"> 1. Module 1. Understanding the difference between ANS planning guidance and ANS safety oversight provisions: <ol style="list-style-type: none"> a. General overview of the Global Air Traffic Management (ATM) Operational Concept. b. Overview of the latest editions of the ICAO Global Air Navigation Plan (GANP) and ICAO Global Aviation Safety Plan (GASP), highlighting their interconnection. c. Overview of the GANP performance management process. d. Main APAC ANS-related guidance. e. Introduction to the ASBUs and BBB frameworks. 2. Module 2. Overview of ICAO Annex 11: <ol style="list-style-type: none"> a. Flight Information Services (FIS). b. Main airspace structures. c. Main requirements for communications and information. d. Principles governing ATS procedures. e. Contingency planning. f. Fatigue and stress management for ATCOs. 		



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3. Module 3. Overview of ICAO Docs 4444 & 7030:

- a. ATS safety management.
- b. ATS system capacity and air traffic flow management (ATFM).
- c. Separation methods and minima.
- d. Separation in the vicinity of aerodromes.
- e. Procedures for aerodrome control service.
- f. ATS surveillance services.
- g. FIS and alerting service.
- h. Regional Supplementary Procedures.

4. Module 4. Overview of other ANS-related ICAO SARPs and Guidance Material:

- a. Basics of ICAO Annexes: 2, 3, 4, 5, 10, 12, 15 and 19.
- b. Basics of other ICAO PANS and Documents.

5. Module 5. Overview of the State's Safety Oversight Obligations:

- a. Global Aviation Safety Plan (GASP) 2026-2028 Edition and the updates on the APAC Regional Aviation Safety Plan (AP-RASP).
- b. Civil aviation systems and how the different structures impact safety oversight.
- c. Universal Safety Oversight Audit Programme (USOAP) – Basics.
- d. Critical elements of a safety oversight system.
- e. Applicability of ICAO SARPs, PANS and other documents.
- f. Procedures for amending State ANS regulations.
- g. State Safety Programme (SSP) – Basics.
- h. Safety Management Systems (SMS) ATS-oriented – Basics.
- i. Characteristics of efficient State ANS regulations.

6. Module 6. Introduction to ANS oversight inc. roles of the main stakeholders:

- a. ANS oversight: Introduction and main concepts.
- b. Planning and implementation of CEs in the ANS domain.
- c. ANS audits – basics*.
- d. Main safety oversight tools and procedures for the Regulator and ANSPs.
- e. Use of AI tools in safety oversight.

7. Module 7. Safety Management Systems (SMS) for regulators and ANSPs:

- a. SMS oversight for ATM/ANS (Regulator perspective).
- b. SMS implementation for ANSPs.
- c. SMS assessment tools for regulators.

**A dedicated one-week audit techniques course is proposed to provide a thorough understanding of the concept.*

Number of participants (maximum): 60 participants

Course Evaluation: above 80% attendant and pass examination (70%)



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MODULE ITEM #	SUBJECTS
Day 1 (10 AUG 2026)	
1	Understanding the difference between ANS planning guidance and ANS safety oversight provisions
Day 2 (11 AUG 2026)	
2	Overview of ICAO Annex 11
3	Overview of ICAO Docs 4444 & 7030
4	Overview of other ANS-related ICAO SARPs and Guidance Material
Day 3 (13 AUG 2026)	
5	Overview of the State's Safety Oversight Obligations
6	Introduction to ANS oversight including roles of the main stakeholders
Day 4 (14 AUG 2026)	
7	Safety Management Systems (SMS) for regulators and ANSPs
<p>NOTE: 12 AUG 2026 is observed for official public holiday in Thailand (no course commences).</p>	