



2024 AARM



Overview

- Intro to ATSEP
- Intro to ICAO
- Working with ICAO
- Working Papers
- ICAO ANC

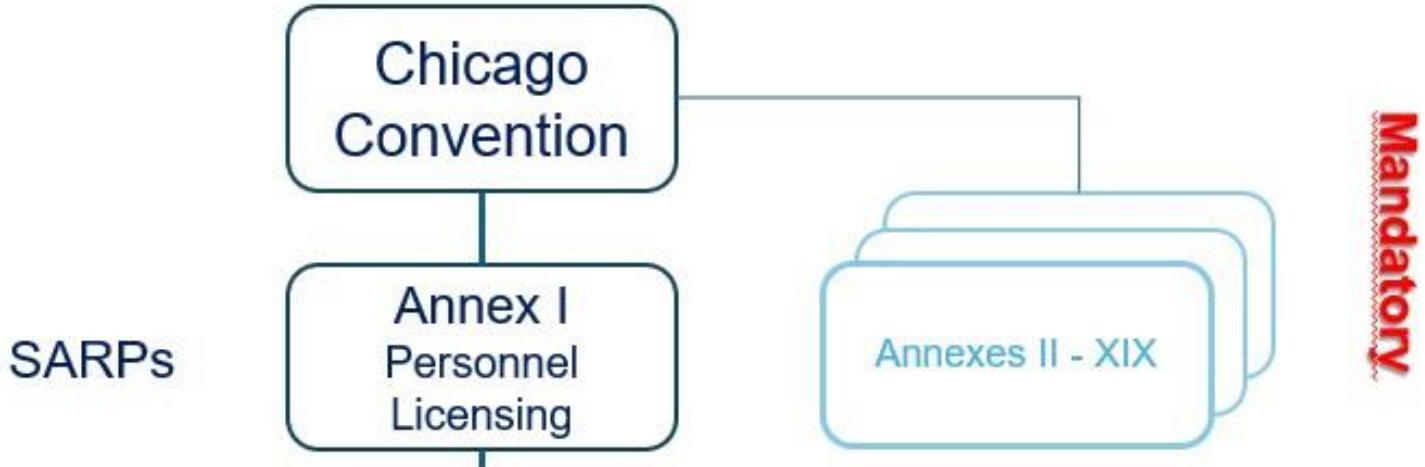


Air Traffic Safety Electronics Personnel (ATSEP)

- Is the recognized ICAO terminology for personnel proven to be competent in the installation, operation and/or maintenance of a Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) systems.
- Comprise engineers, technicians, technologists, and computer hardware and software specialists who are responsible for the specification, procurement, installation, calibration, maintenance, testing and certification of ground electronic and computer systems used to help control aircraft movements.

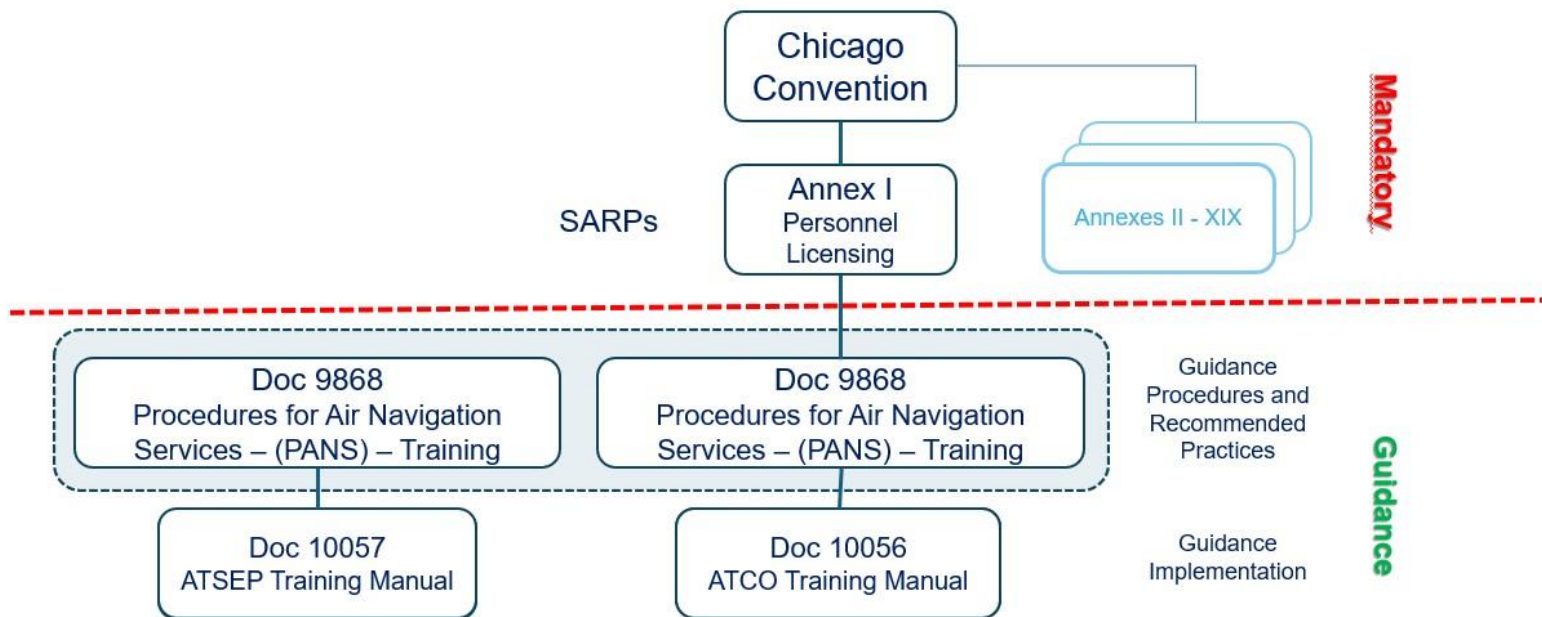


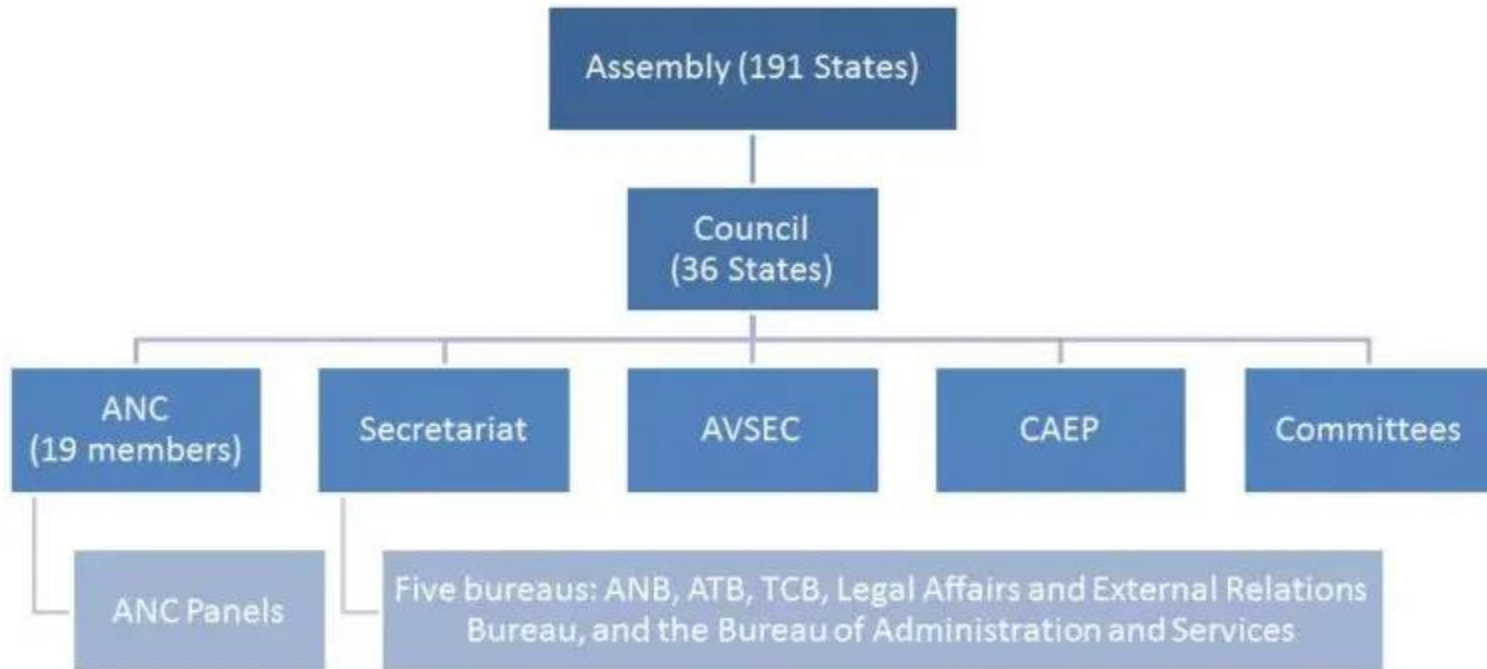
The Foundation of ICAO





ICAO Document Hierarchy



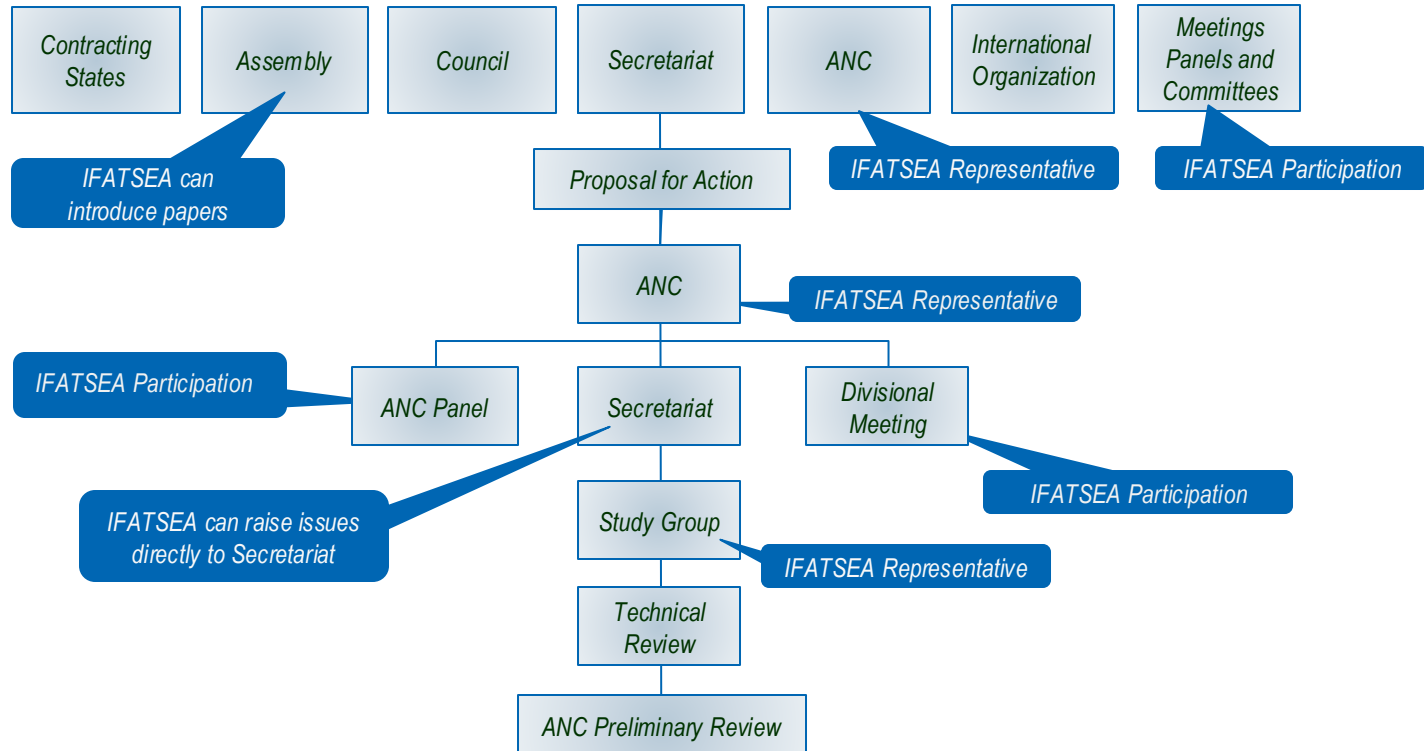






WHERE DOES IFATSEA GET INVOLVED?

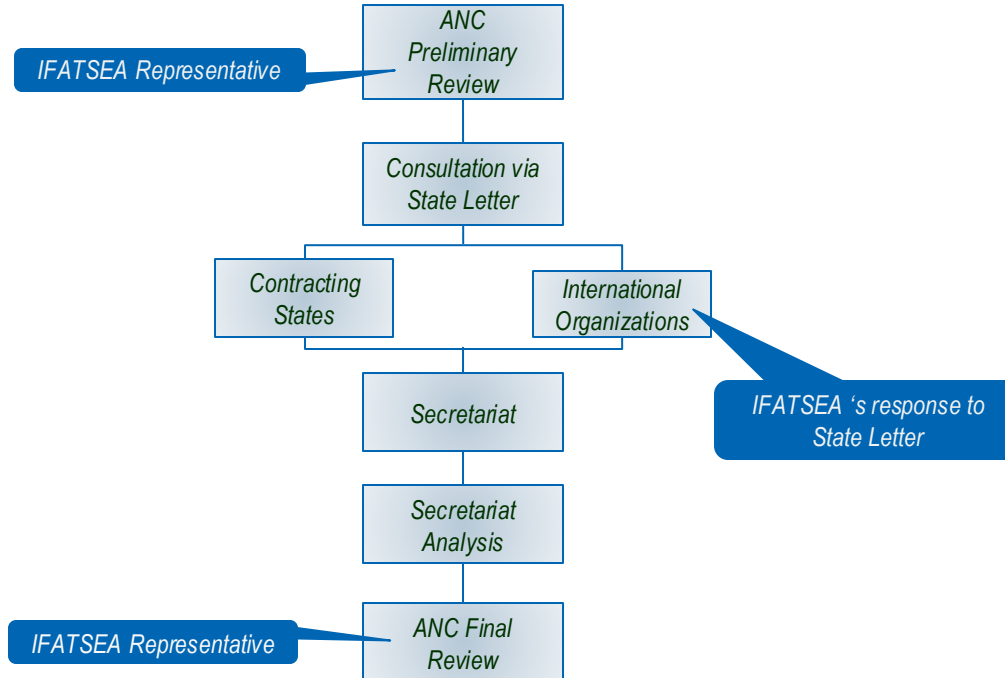
During The Development Of SARPs And PANS...





WHERE DOES IFATSEA GET INVOLVED?

During The Review Process..





From START TO FINISH





Working with ICAO

NGAP: Next General Aviation Professionals

- Participate in creation/update of ICAO Docs 10057/9868
- Key participants in development of workshop in support of above docs
- Key participants in delivery of workshops globally (at regional offices)

CBT Task Force

- Refine ICAO Doc 10057



Working with ICAO

ICAO Global Aviation Training

- At ICAO's request, participated in an ICAO audit of a Basic Training course (ref 10057)

ICAO Personal Training Licensing Panel (PTLP)

- Introduced Working Paper: PTLP/4-WP/32: Proposal to Work on Amendment to DOC 10057



Working Papers

- Working Paper 229: Required Successful Achievement OF Basic Training Objectives by all ATSEP
- Working Paper 122: Update Existing ATSEP Cybersecurity Training Objectives and Development of New ATSEP Cybersecurity Training Objectives



Working Paper 229

REQUIRED SUCCESSFUL ACHIEVEMENT OF BASIC TRAINING OBJECTIVES BY ALL ATSEP

- Initial training, as described in Doc 10057, is made up of Basic Training and Qualification Training.
- In the Initial Phase of training for ATSEP (as described in Doc 10057), the first part of training is Basic Training.
- The Basic Training is designed to provide underpinning knowledge for all further training.
- Appendix B of Doc 10057 of the manual provides recommended training objectives for a basic training course.
- Doc 10057 states that all ATSEP should successfully complete Basic Training.



Working Paper 229
REQUIRED SUCCESSFUL ACHIEVEMENT OF BASIC TRAINING
OBJECTIVES BY ALL ATSEP

- It was discovered that the level of initial training being provided, at that time, was not consistent.
- Recent discussions with IFATSEA affiliates have indicated that the level of initial training is still inconsistent.



Working Paper 229

Training Benefit

- Provides the underpinning knowledge for all ATSEP training.
- Builds the foundation of understanding of the local and global impact of the work that ATSEP perform.
- Provide harmonization for all ANSP basic training and basic competencies.
- Provide ATSEP with a sense of inclusion in the global aviation community, as many are currently feeling left out.



Working Paper 122

UPDATE EXISTING ATSEP CYBERSECURITY TRAINING OBJECTIVES AND DEVELOPMENT OF NEW ATSEP CYBERSECURITY TRAINING OBJECTIVES

- The worlds air navigation systems are aggressively interconnecting global air traffic digital system and services.
- ANSPs must rely on cyber security to be at their core to ensure the integrity and safety of the air traffic operation.
- ATSEP cyber security training are inconsistent and at worst ad hoc.



Working Paper 122

UPDATE EXISTING ATSEP CYBERSECURITY TRAINING OBJECTIVES AND DEVELOPMENT OF NEW ATSEP CYBERSECURITY TRAINING OBJECTIVES

- The ATSEP have a critical role coordinating the recovery air traffic system while ensuring ATM systems remain safe.
- The ATSEP, who are responsible for the technical systems should also be trained cyber security.



Working Paper 122

Training Benefits

- Improved security posture: cybersecurity training equips ATSEPs with the knowledge and skills needed to identify and mitigate cyber threats.
- Reduced vulnerabilities: cybersecurity training helps ATSEPs and ANSPs identify and address vulnerabilities in their systems and networks.



Working Paper 122

Training Benefits

- Threat awareness: training helps ATSEPs stay informed about the latest cyber threats and attack techniques.
- Cost savings: Investing in cybersecurity training can ultimately save ANSPs money. Preventing a data breach or cyberattack is typically less expensive than dealing with the aftermath.



Working Paper PTLP/4-WP/32

- Discussion with the President of the ANC pushed WP-229 and WP-122 to the PTLP
- PTLP/4-WP/32 asks the PTLP to accept additional work addressing WP-229 and WP-122
- As an observer IFATSEA and is not a voting member
- This paper was accepted for IFATSEA to develop a job card to be presented at PTLP/5.



Air Navigation Commission (ANC)

- IFATSEA is a recognized observer to the ANC
- Direct interaction with commissioners
- Direct interaction with panel secretariats
- Participate in reviewing panel reports to ANC
- Ability to intervene during reports to ANC
- Ability to present working paper directly to ANC
- Participate in the future of aviation



Summary

IFATSEA IS UNDERREPRESENTED AT ICAO

To move forward we need to be visible at

ICAO as much as possible!!!!

It takes a team to be seen, not one !!!!



THANK YOU ADTEMA

**Many thanks to ADTEMA members for
for the hospitality of their country.**

**Special Thanks to Angel for all our
arrangements.**

