



ICAO

한눈에 보는 ICAO 항공보안평가

Universal Security Audit Programme Continuous Monitoring Approach





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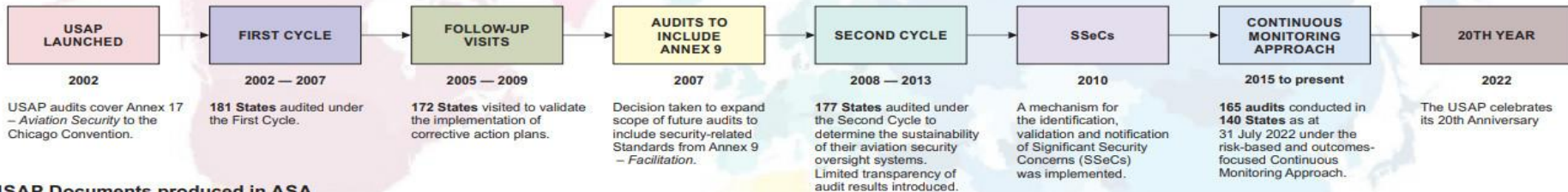
ICAO

Celebrating 20 Years of the Universal Security Audit Programme (USAP)

(2002 – 2022)



In 2001, following the 11 September terrorist attacks in New York and Washington, D.C., the 33rd Session of the ICAO Assembly adopted Resolution. A33-1: Declaration on misuse of civil aircraft as weapons of destruction and other terrorist acts involving civil aviation, directing the Council and Secretary General to consider the establishment of an ICAO Universal Security Oversight Audit Programme. A High-level Ministerial Conference on Aviation Security was convened in February 2002, which advocated the adoption of an ICAO Aviation Security Plan of Action that includes regular, mandatory, systematic and harmonized audits to enable the evaluation of aviation security in place in all ICAO Contracting States.



USAP audits cover Annex 17 – *Aviation Security* to the Chicago Convention.

181 States audited under the First Cycle.

172 States visited to validate the implementation of corrective action plans.

Decision taken to expand scope of future audits to include security-related Standards from Annex 9 – *Facilitation*.

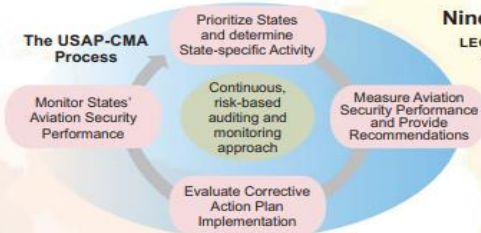
177 States audited under the Second Cycle to determine the sustainability of their aviation security oversight systems. Limited transparency of audit results introduced.

A mechanism for the identification, validation and notification of Significant Security Concerns (SSeCs) was implemented.

165 audits conducted in 140 States as at 31 July 2022 under the risk-based and outcomes-focused Continuous Monitoring Approach.

The USAP celebrates its 20th Anniversary

USAP Documents produced in ASA

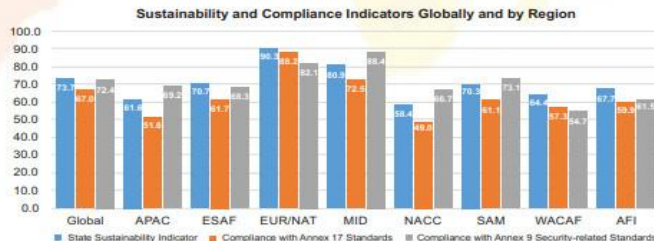
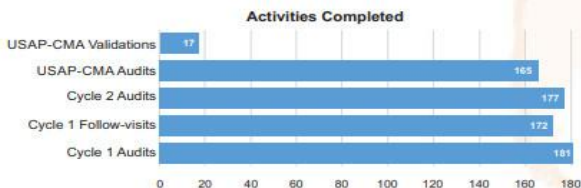


Nine Audit Areas

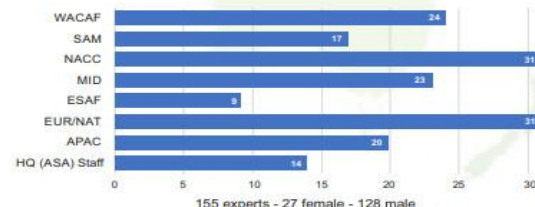
- LEG** Regulatory Framework and the National Civil Aviation Security System
- TRG** Training of Aviation Security Personnel
- QCF** Quality Control Functions
- OPS** Airport Operations
- IFS** Aircraft and In-flight Security
- PAX** Passenger and Baggage Security
- CGO** Cargo, Catering and Mail Security
- AUI** Response to Acts of Unlawful Interference
- FAL** Security Aspects of Facilitation

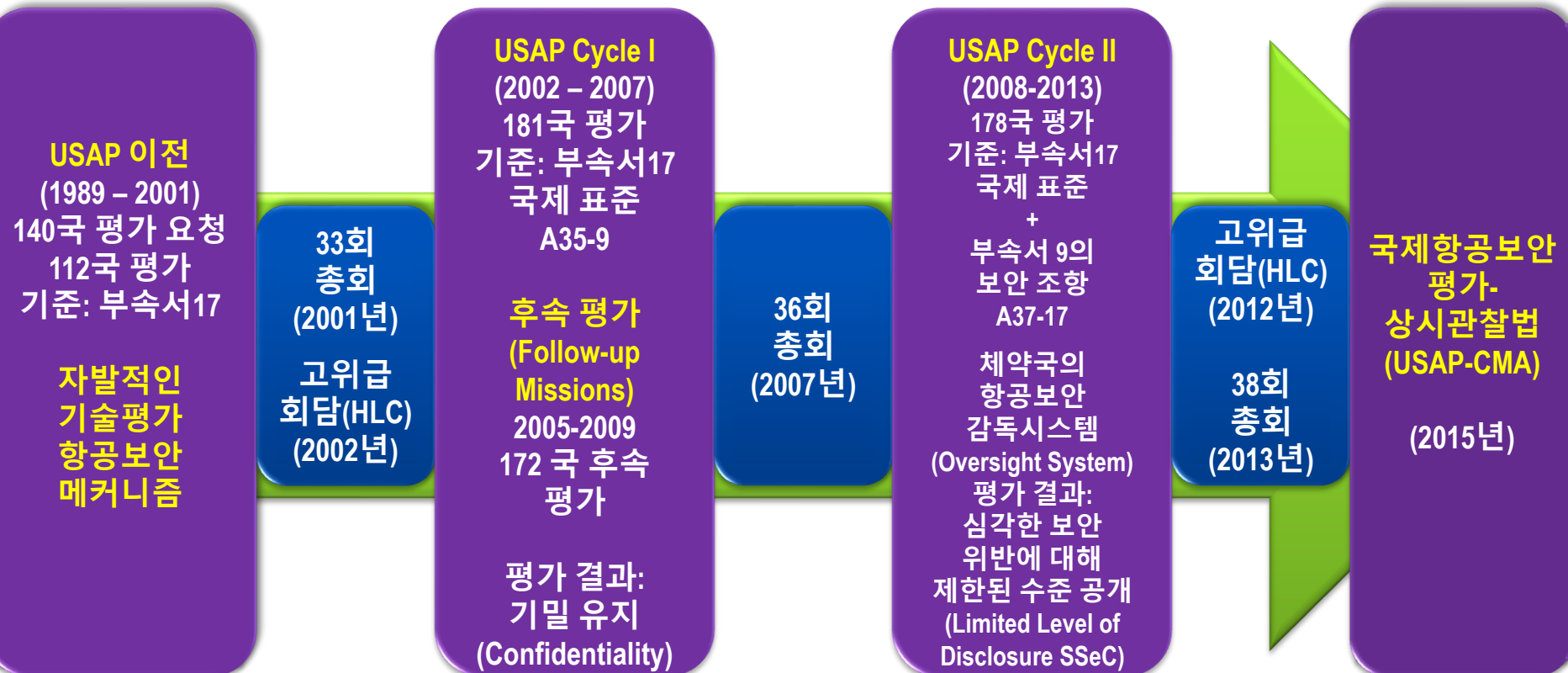
Training

The ASA Section regularly conducts aviation security auditor training courses, followed by on-the-job training, as well as USAP-CMA seminars for National Coordinators.



ICAO USAP-CMA Certified Auditors and HQ staff





- USAP-CMA 목적

체약국들의 항공보안 이행을 지속적으로 평가,
관찰함으로써 전 세계 항공보안을 증진



The objective of the USAP-CMA is to promote global aviation security through continuous auditing and monitoring of the aviation security performance of Member States.



USAP-CMA Objective 달성

항공보안감독시스템의 핵심 요소들(CE)의 효과적인 이행 수준(LEI)

the **level of effective implementation** of the **critical elements** of an aviation security oversight system; and

- 부속서17 & 부속서9 보안 조항의 효과적인 이행 표시 수준

the **indicative level** of **effective implementation** of **Annex 17** – Security Standards and security-related Standards of **Annex 9** – *Facilitation to the Convention on International Civil Aviation*.



- 체약국의 항공보안 성과(Performance)



감독 지표(Oversight Indicator)

체약국의 항공보안감독시스템의 8가지 핵심요소들의 효과적인 이행 평균

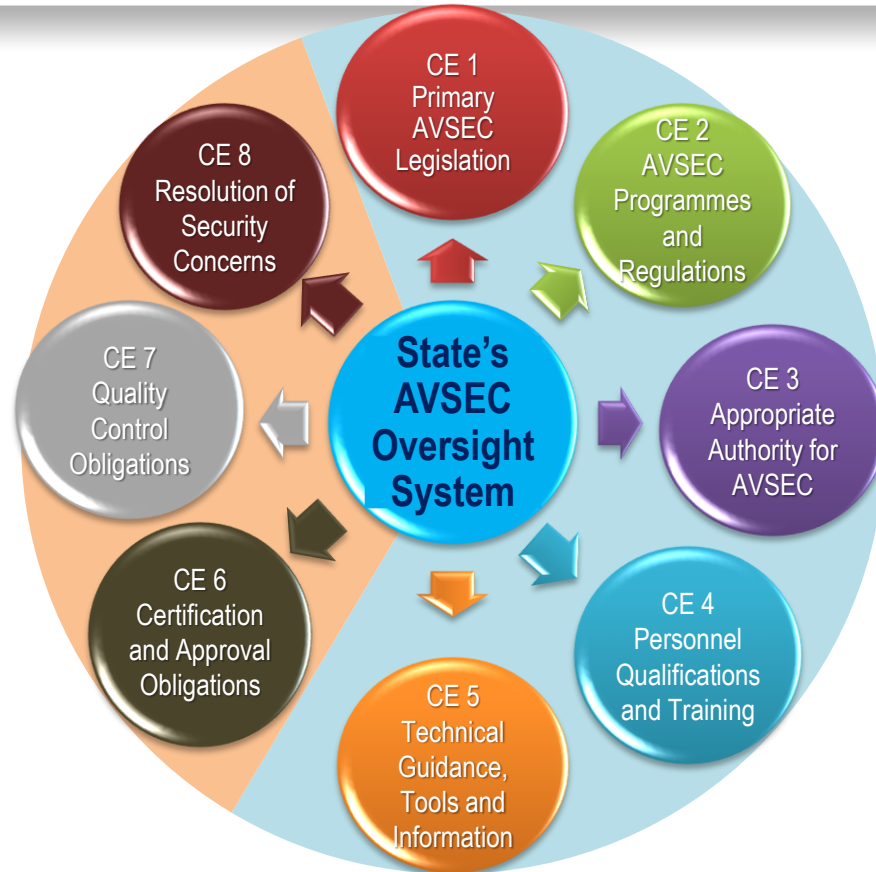
Average effective implementation of the eight critical elements of a State's aviation security oversight system.



준수 지표(Compliance indicator)

ICAO 부속서17 및 부속서9의 보안조항의 효과적인 이행 평균
Average effective implementation of Annex 17 Standards and average effective implementation of security-related Standards of Annex 9.

이행
(Implement)



수립
(Establish)



- **USAP-CMA Activities**

**Documentation-based
audits**

**Oversight-focused
audits**

**Compliance-focused
audits**

**Other audit and
monitoring activities**

• USAP-CMA Principles





MoU

1 - General

체약국의
참가 표명

연락관 지정
(National
Coordinator)

다양한
종류의
정보 및
서류 제공

USAP-CMA
평가 종류
지정

2 - Preparation

스케줄 조정

날짜 지정 및
통보
(Notification)

USAP-CMA
평가 범위
(scope) 확정

USAP-CMA
팀 및 평가
계획 확정

3 - Conduct

언어 확정
(6가지)

USAP-CMA
평가를
용이하게 하기
위한 체약국의
의무

평가 후
브리핑(Post-audit
debriefing)

4 - Reporting

USAP-CMA 평가
보고서 작성

피드백 제공 및
체약국의
시정조치계획

USAP 보안
홈페이지 게재

중요보안문제
(SSeC) 메커니즘

5 - Dispute Resolution



1	LEG	REGULATORY FRAMEWORK AND THE NATIONAL CIVIL AVIATION SECURITY SYSTEM
2	TRG	TRAINING OF AVIATION SECURITY PERSONNEL
3	QCF	QUALITY CONTROL FUNCTIONS
4	OPS	AIRPORT OPERATIONS
5	IFS	AIRCRAFT AND IN-FLIGHT SECURITY
6	PAX	PASSENGER AND BAGGAGE SECURITY
7	CGO	CARGO, CATERING AND MAIL SECURITY
8	AUI	RESPONSE TO ACTS OF UNLAWFUL INTERFERENCE
9	FAL	SECURITY ASPECTS OF FACILITATION

• 평가 계획 Audit Plan

DAYS
1-3

9개 평가 분야(audit areas)의 국가/공항 문서 검토

DAYS
4-6

현장 방문 - 보안조치 관찰(observation of security measures)

DAYS
7-8

예비 확인 및 권고사항(findings and recommendations) 리스트 준비

DAY
9

평가 후 현장 브리핑(Post-audit debriefing)



Confidentiality v. Limited Level of Disclosure

Article 32 of the MoU

- USAP-CMA audit reports(평가 보고서)는 대외비
체약국 및 ICAO 관계자만 열람 가능(on a need-to-know basis)
- 체약국에 의한 항공보안감독시스템의 핵심요소(Critical Elements)의 이행 수준(Level of Implementation) 및 부속서17 국제표준의 준수 지표(Indication of Compliance)를 보여주는 차트는 모든 체약국이 USAP 보안 홈페이지에서 열람 가능하다.

- 심각한 보안 위반 Significant Security Concern(1/2)

심각한 보안문제(SSeC)은 체약국 내 항공보안을 책임지는 당국이 ICAO 부속서17의 조항 및 체약국에 의해 수립된 최소한의 보안 요건의 효과적인 이행의 부족에도 불구하고 항공 활동을 허가했을 때 발생한다.

- 보안 관련 핵심 항공보안조치가 국제민간항공에 즉시 보안의 위험 초래 (**immediate security risk** to international civil aviation)

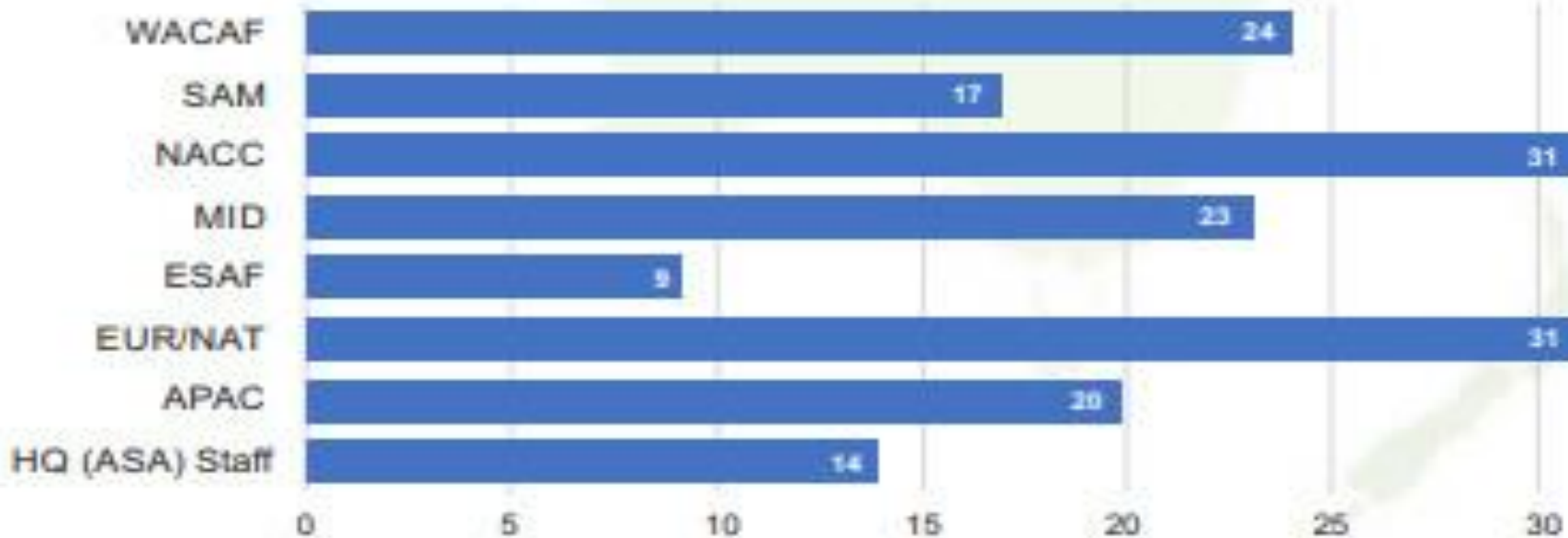


- 심각한 보안 위반 Significant Security Concern(2/2)

1. 승객, 휴대수하물, 위탁수하물의 보안검색 및 승인되지 않은 방해로부터 보호
(the screening and the protection from unauthorized interference of passengers, cabin and hold baggage)
2. 화물 및 기내식 보안
(the security of cargo and catering)
3. 공항 보호/제한구역 출입통제
(access control to restricted and security-restricted areas of airports)
4. 출발 항공기의 보안
(the security of departing aircraft)



ICAO USAP-CMA Certified Auditors and HQ staff



155 experts - 27 female - 128 male

인천공항 Smart Security 도입 계획(~2025)

구분	CT (단가 : 12.6억원)		원형 (단가 : 3.8억원)		합계		
	운영	4단계	운영	4단계	운영	4단계	소계
T1	328억원 (26식)	-	57억원 (15대)	-	385억원	-	385억원
T2	277억원 (22식)	315억원 (25식)	-	87억원 (23대)	277억원	402억원	679억원
합계	605억원 (48식)	315억원 (25식)	57억원 (15대)	87억원 (23대)	662억원	402억원	<u>1,064억원</u>



Questions?





ICAO

SECURITY & FACILITATION



ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok

