



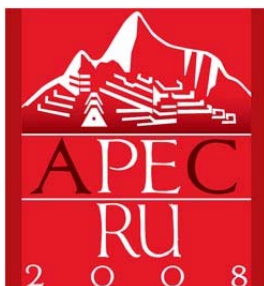
**Asia-Pacific
Economic Cooperation**

2008/SOM3/CTTF/STAR/012

Session: 7

International Civil Aviation Organization (ICAO)'s Cooperative Aviation Security Role in the Asia Pacific

Submitted by: International Civil Aviation Organization (ICAO)



**6th Secure Trade in APEC Region Conference
Lima, Peru
20-21 August 2008**

RULES OF FLAW



SAFETY



SECURITY



CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

STRENGTHEN LAW GOVERNING INTERNATIONAL CIVIL AVIATION

- ASSISTANCE IN THE ELABORATION OF NATIONAL CIVIL AVIATION LAW
- PROMOTION OF REGIONAL REGULATORY FRAMEWORKS
- PROMOTION OF INTERNATIONAL CIVIL AVIATION LEGISLATION
- SUPPORT IN THE COMPLIANCE OF ICAO'S STANDARDS AND RECOMMENDED PRACTICES - SARPs

CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

ENHANCE GLOBAL CIVIL AVIATION SAFETY

- ACQUISITION OF STATE OF THE ART SYSTEMS AND EQUIPMENT
- ASSISTANCE IN CIVIL AVIATION MASTER PLANNING
- ASSISTANCE IN THE RECTIFICATION OF DEFICIENCIES IDENTIFIED THROUGH THE UNIVERSAL SAFETY OVERSIGHT PROGRAM - USOP
- ASSISTANCE TO THE IMPLEMENTATION OF A SAFETY MANAGEMENT SYSTEM - SMS

CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

ENHANCE GLOBAL CIVIL AVIATION SECURITY

- ESTABLISHMENT OF NATIONAL CIVIL AVIATION SECURITY PLANS
- TECHNICAL TRAINING
- COOPERATIVE AVIATION SECURITY PROGRAMMES - CASP
- PROCUREMENT OF AVIATION SECURITY RELATED EQUIPMENT AND SERVICES

ENVIRONMENTAL PROTECTION



EFFICIENCY



CONTINUITY



CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

MINIMIZE THE ADVERSE EFFECT OF GLOBAL CIVIL AVIATION ON THE ENVIRONMENT

- IN-COUNTRY TRAINING
- WATER TREATMENT PLANTS FOR PASSENGER AND CARGO TERMINALS
- ENVIRONMENTAL IMPACT STUDIES
- ASSESSMENT ON THE ENVIRONMENTAL TRADE MARKET

CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

ENHANCE THE EFFICIENCY OF AVIATION OPERATIONS

- PROCUREMENT OF FLIGHT INFORMATION SYSTEMS AND GROUND SUPPORT EQUIPMENT
- MODERNIZATION OF AIR TRANSPORT INFRASTRUCTURE
- ASSISTANCE IN AIRPORT MASTER PLANNING
- AIRSPACE DESIGN, ORGANIZATION AND MANAGEMENT

CAO / OACI / ICAO
TECHNICAL COOPERATION PROGRAMME

MAINTAIN THE CONTINUITY OF AVIATION OPERATIONS

- TECHNICAL AND ON-THE-JOB TRAINING
- IMPROVEMENT OF OPERATIONAL PROCESSES
- RESEARCH AND DEVELOPMENT IN CIVIL AVIATION
- ASSISTANCE IN THE ESTABLISHMENT OF CIVIL AVIATION TRAINING INSTITUTIONS

EFFICIENCY



TECHNICAL COOPERATION PROGRAMME

ENHANCE THE EFFICIENCY OF AVIATION OPERATIONS

- IMPROVEMENT OF FLIGHT INFORMATION SYSTEMS AND GROUND SUPPORT EQUIPMENT
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- AIRPORT DESIGN, ORGANIZATION AND MANAGEMENT




ICAO's Cooperative Aviation Security Role in the Asia Pacific

STAR 6 Conference Lima Peru 20-21 August 2008




RULE OF LAW




TECHNICAL COOPERATION PROGRAMME

STRENGTHEN LAW GOVERNING
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- SUPPORT IN THE COMPLIANCE OF ICAO'S STANDARDS AND RECOMMENDED PRACTICES - SARPS



Content




ICAO General Overview

Technical Co-operation Bureau

TCB's Experience with
Aviation Security (AVSEC)



ICAO General Overview



The Council

The governing body which is elected by the Assembly for a three-year term.

The Assembly chooses the Council Member States under three headings:

- States of chief importance in air transport,
- States which make the largest contribution to the provision of facilities for air navigation, and
- States whose designation will ensure that all major areas of the world are represented.

ICAO General Overview



ICAO Regional Offices

ICAO HEADQUARTERS
PARIS
DAKAR
CAIRO
NAIROBI
BANGKOK
MEXICO
LIMA

Sr. M. van
Sr. C. P. Wickramasekera

ICAO TECHNICAL COOPERATION PROGRAMME

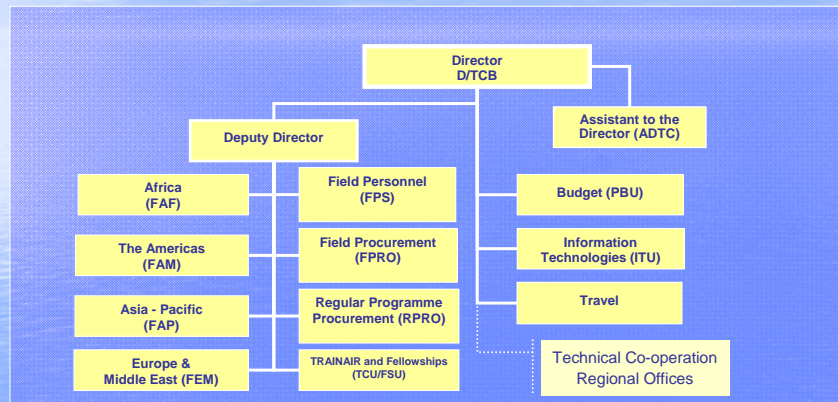
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- ASSISTANCE TO THE IMPLEMENTATION OF A SAFETY MANAGEMENT SYSTEM - SMS

Technical Co-operation Bureau
TCB

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Technical Co-operation Bureau, TCB



Technical Support from other ICAO Departments
Staff: 60 in TCB & 23 in RP
Consultants and Technical Experts: 560 international
and 1600 nationals per year

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Technical Co-operation Bureau, TCB



TCB Field Operations Sections

Africa Asia-Pacific Europe-Middle East The Americas

- Identification of projects for Technical Co-operation
- Projects documents under ICAO Standards
- Representing TCB for new projects approval
- Evaluation of best experts, recommendation of training and equipment to be acquired
- Technical and administrative support to experts
- Project management and missions to the projects

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Technical Co-operation Bureau, TCB



Support from Regular Programme

- **Air Navigation and Air Transport Bureaux:**

Technical support in preparation, missions, training and consultancy

Coordination of projects and internal activities like TRAINAIR, USOAP, USAP and AVSEC, etc.

- **Legal Bureau:**

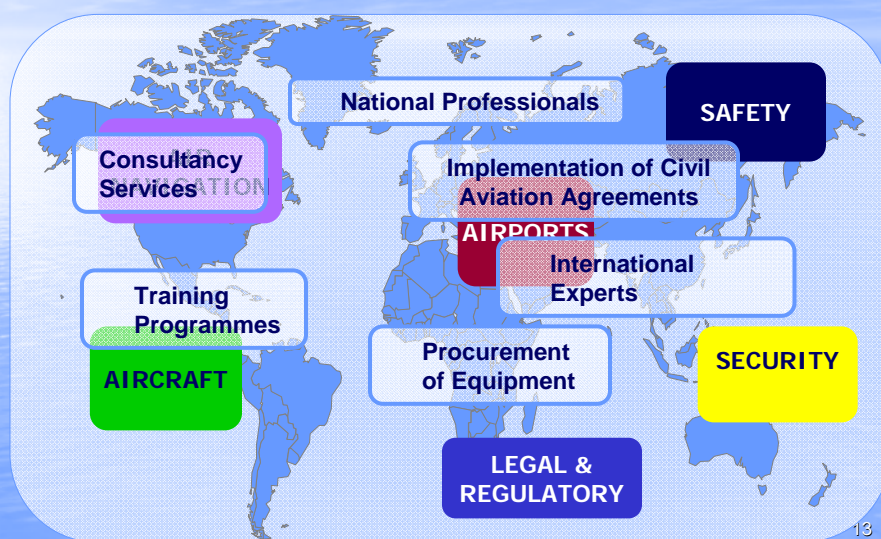
For elaboration of agreements and legal support to TCB activities

- **Finance Bureau:** ICAO budgetary unit

- **Human Resource Bureau:** Administration of personnel in Montreal and Regional Offices


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TCB supports from the Categories of civil Co-operation projects globally



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SECURITY



TECHNICAL COOPERATION PROGRAMME

ENHANCE GLOBAL CIVIL AVIATION SECURITY

- ESTABLISHMENT OF NATIONAL CIVIL AVIATION SECURITY PLANS
- TECHNICAL TRAINING
- COOPERATIVE AVIATION SECURITY PROGRAMMES - CASP
- PROCUREMENT OF AVIATION SECURITY AVIATION EQUIPMENT AND SERVICES



TCB's Experience with Aviation Security (AVSEC)



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The CASP Concept



- Co-operative Aviation Security Programme (CASP)
- Provide expertise and harmonization of AVSEC standards and assist with equipment purchase
- Assist compliance with international obligations, ICAO AVSEC audit recommendations and ICAO SARPs both Annex 17 & 9.
- Act as point of AVSEC coordination in the sub-region
- Review/provide security programmes a regulatory framework and training.

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Cooperative Aviation Security Programme Asia-Pacific (CASP-AP)



*Presently 24 member States
& Administrations*

Australia	
Bhutan	
Brunei Darussalam	
Cambodia	
Fiji	
Hong Kong China	
India	
Indonesia	
Japan	
Kiribati	
Korea, Republic of	Philippines
Lao PDR	Singapore
Macau China	Sri Lanka
Malaysia	Thailand
Maldives Islands	Timor Leste
Mongolia	Tonga
Nepal	Viet Nam

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CASP-AP Concept



**Discussions at the 33rd ICAO Assembly following
terrorist attacks in the USA on 11 September 2001**

**Emphasized need for a comprehensive global AVSEC
Plan of Action, technical cooperation and the adoption of
a regional and sub-regional approach.**

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CASP-AP Concept



Initially intended to mirror the regional safety programmes with three sub-regional programmes North Asia, South Asia & South East Asia

APAC Director's General considered one programme would achieve greater uniformity and harmonization, therefore CASP covers all Asia Pacific.

CASP-AP was established in April 2005 and located at the ICAO Regional Office Bangkok

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CASP-AP Concept



Concept for the programme to be controlled by a Steering Committee with representation from each member State and Administrations

Chairman would be nominated by each member State and Administration in alphabetical order and changed annually

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CASP-AP is funded by each member State and Administration and donors.

Based on annual contribution of US\$35,000 but “assistance-in-kind” is also recognized.

CASP-AP is staffed with one Programme Coordinator, one part-time Air Law Expert and one part-time Aviation Security Training Instructor



The work of CASP-AP was initially divided into three Phases

- 1. Evaluation and revision, as necessary, of National Civil Aviation Security Programmes and Airport Security Programmes.**
- 2. Evaluation and revision, as necessary, of AVSEC related legislation and regulations.**
- 3. Development of a generic National Civil Aviation Training Programme for the region**



As the programme developed it became necessary to amend the outcomes of phases 1 & 3.

- Proved difficult to evaluate Airport Programmes before National Programmes were approved and promulgated.
- The number of airports involved were beyond programme resources.
- ICAO had substantially amended the Security Annex 17.
- Training was emerging as a priority.



Phase 1 was amended as follows

- Assess the adequacy of oversight at the main international airports using CASP-AP resources or access to the ICAO security audit reports.
- Recommend changes to the Airport Security Programme when the CASP-AP National Programme was promulgated for Implementation.

CASP-AP Concept



Phase 3 was amended as follows:

- **Based on the generic CASP-AP developed training programme provide customized training programmes for each member State and Administration as necessary.**
- **Provision of in-country AVSEC Instructor Training courses.**

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CASP-AP Achievements



- **An initial membership of 12 has now grown to 24.**
- **National Civil Aviation Security Programmes of 16 States and Administrations evaluated and assistance in revision provided. A further 4 programmes pending.**
- **Nine Airport Security Programme evaluations conducted.**
- **Thirteen National Quality Control Programmes evaluated.**

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CASP-AP Achievements



- **Fifteen National Training Programmes developed and customized.**
- **Nine in-country Instructor Courses provided with more than 100 attendees.**
- **One in-country National Inspector Course and one Quality Control workshop provided.**

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CASP-AP Achievements



- **Model Aviation Security Legislation developed.**
- **National legislation reviewed for 20 States and Administrations with 17 reports finalized.**
- **Model AVSEC regulations are being developed to aid adoption, implementation and enforcement of National Civil Aviation Security Programmes .**

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CASP-AP in the future



- **Standing structure for aviation security in Asia Pacific under consideration using CASP-AP as the implementing agency.**
- **Providing a long-term structure for cooperation and coordination of AVSEC matters among CASP-AP members.**
- **Facilitate information exchange, joint assistance to member administrations, provision of expert advisory and consultancy services and provision of technical assistance .**
- **Coordinated through an MoU signed between Members and witnessed by ICAO.**

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CASP-AP in the future



- **Provision of assistance with implementation of security audit Corrective Action Plans and Phase 2 audit preparations.**
- **Provision of assistance with Regulated Agent Security Programmes.**
- **Provision of assistance with supply chain integrity programmes for liquid aerosol and gels (LAG).**
- **Act as focal point for assessment of LAG supply chain integrity verification.**

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CASP-AP in the future



- Continuation of security programme development.
- Continuation of security training with increased emphasis on Quality Control and Security Inspector courses.
- Continuation of legislative and regulatory evaluation.
- Act as focal point for ICAO AVSEC Roadmap in Asia Pacific.

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In the Middle East with COSCAP-GS



- COSCAP - Gulf States.
- AVSEC integrated together with the safety and airworthiness responsibilities.
- Started in 2006 and currently has 3 member States.
- Projected to run through 2009.

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TCB projects In the Americas with AVSEC components



- Argentina
- Bolivia
- Brazil
- Costa Rica
- Guatemala
- Ecuador
- Panama
- Paraguay
- Peru
- Venezuela

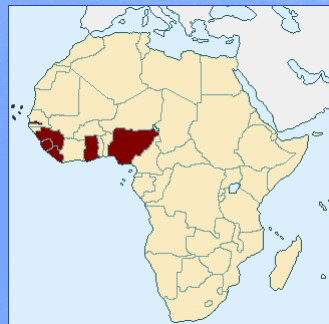


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Banjul Accord Group CASP-WA Proposal



- Proposal made,
but still awaiting sign-on /
start-up
- Cape Verde
- Gambia
- Ghana
- Guinea
- Liberia
- Nigeria
- Sierra Leone



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AVSEC in Africa



- Equatorial Guinea
- Reinforcement of AVSEC in Equatorial Guinea
- Cameroon (awaiting approval)
- Training Need Analysis and Elaboration of a Strategic Training Plan for AVSEC
- Ethiopia
- Aviation Security Equipment Procurement Consulting

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Thank you

Questions

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