



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN REGIONAL OFFICE**

FOURTH MEETING OF THE HAITI CIVIL AVIATION STEERING COMMITTEE

CASC/4

REPORT

**PÉTION VILLE, PORT-AU-PRINCE, HAITI
29 AUGUST 2012**

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

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HISTORICAL

ii.1 Place and Date of the Meeting

The Fourth Meeting of the Haiti Civil Aviation Steering Committee (CASC/4) was held at the Karibe Hotel in Pétion Ville, Port-au-Prince, Haiti, on 29 August 2012.

ii.2 Opening and Officers of the Meeting

Capt. Jean-Marc Maurice Flambert, Director General of the Office National de l'Aviation Civile (OFNAC), civil aviation authority of Haiti, welcomed the delegations, provided introductory remarks and served as Chairman of the meeting, supported by Mr. Pierre André Laguerre, Director General of the Autorité Aéroportuaire Nationale (AAN), airports authority of Haiti. Mrs. Loretta Martin, Regional Director of the North American, Central American and Caribbean (NACC) Regional Office of the International Civil Aviation Organization (ICAO), served as Secretary with the assistance of Mr. Michiel Vreedenburgh, Deputy Regional Director, and Mr. Ricardo Delgado, Regional Officer Aviation Security, also of the ICAO NACC Regional Office.

ii.3 Meeting Agenda

1. Haiti civil aviation status and development
2. ICAO update
3. States/Organizations updates on assistance projects
4. Next steps
5. Other business

Information on the CASC is available at:

<http://www.mexico.icao.int/RegionalGroups/HaitiCASC.html>

Confidential documents access: username: haiticasc; password: caschaiti01

ii.4 Attendance

The meeting was attended by 25 participants representing Haiti (OFNAC, AAN, CNM); United States (FAA, TSA, US Embassy); IATA; IDB; MINUSTAH; WMO, World Bank and ICAO, as detailed in the following List of Participants.

LIST OF PARTICIPANTS

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Wesner Excelhomme
Marc Paulemon
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MINUSTAH

Hiran Ferrera
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Charles Schlumberger

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Loretta Martin
Michiel Vreedenburgh
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FOURTH MEETING OF THE HAITI CIVIL AVIATION STEERING COMMITTEE (CASC)
HISTORICAL

ii - 4

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FOURTH MEETING OF THE HAITI CIVIL AVIATION STEERING COMMITTEE (CASC)
HISTORICAL

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Report on Agenda Item 1 Haiti civil aviation status and development

1.1 OFNAC provided an update on the status of civil aviation and development (**Appendix A**), which reflected some change since the previous briefing provided at the CASC/3 Meeting in April 2012. However, the CASC once again noted with concern the limited progress with the implementation of urgent projects required to resolve high priority safety deficiencies. The highest priority and urgent requirements remain the following:

- VHF air-ground radio communications equipment (pending WB procurement)
- Prefabricated Air Traffic Control Tower (ATCT) cab on top of existing passenger terminal building (pending MTPTC funding)
- DVOR/DME at Port-au-Prince International Airport (pending WB procurement)

1.2 Noteworthy Government of Haiti (GoH) developments were reported as follows:

- On-going Cap Haïtien Airport Improvement (runway extension and apron expansion) Project – to be completed in September 2012 – loan amount limitation currently being reviewed in relation to the provision of a new air traffic control tower, air-ground communications system, DVOR/DME and radar. The provision of perimeter fencing is also pending MTPTC funding.
- On-going Port-au-Prince International Airport passenger terminal building rehabilitation – anticipated completion of the arrivals area expected in October 2012.
- 40 Air Traffic Controller (ATCO) candidates retained by OFNAC waiting for ATC training, which is pending MTPTC approval of funding for facilities and instructors.
- Development of MOUs between OFNAC and MINUSTAH for Search and Rescue (SAR) and Airport Emergency Response.

1.3 AAN thanked MINUSTAH for its support with the improvement of perimeter fencing and barbed wire, perimeter road, drainage and the Presidential helicopter hangar. Pending urgent requirements were reported to include the following, for which no project sponsors have been identified:

- Port-au-Prince International Airport apron, taxiway and runway rehabilitation
- Port-au-Prince International Airport airfield ground lighting electrical distribution
- Port-au-Prince International Airport relocation of rescue and fire-fighting station
- Port-au-Prince International Airport parallel taxiway
- Cap Haïtien International Airport perimeter fencing (pending MTPTC funding)

1.4 CNM reported initiation of a project supported by WMO to install the seven Automated Weather Observing System (AWOS).

Report on Agenda Item 2 ICAO update

2.1 The summary update on the situation in Haiti provided by the Secretary General to the ICAO Council in May 2012 is presented in **Appendix B**.

2.2 ICAO provided a presentation with an update on its activities completed since the CASC/3 Meeting held in April 2012, which guided deliberations and is presented in **Appendix C**.

2.3 The main developments since the CASC/3 Meeting were summarized as follows:

- Further deterioration of deficient air-ground communications in Haitian Airspace
- Report and technical specifications submitted by ICAO for the World Bank “Haiti Civil Aviation Sector Infrastructure and Institution Emergency Recovery Grant” Project
- ICAO Aviation Security Survey Mission to Haiti conducted from 12 to 14 June 2012
- ICAO AVSEC/FAL proposed State Improvement Plan submitted to OFNAC
- ICAO/LACAC AVSEC training database prototype developed
- ICAO/WMO coordination on AWOS installation and commissioning
- ICAO review and comments on IDB Terms of Reference (TORs) for ATCT/ACC design and Airport Master Plan update
- ICAO drafted a letter for OFNAC and AAN to send to MINUSTAH requesting further assistance

2.4 The ICAO AVSEC Survey Mission was conducted from 12 to 14 June 2012, to evaluate the implementation of Annex 17 provisions and determine assistance for AVSEC regulation, oversight, infrastructure and operations. The expected results were to:

- Develop AVSEC State Improvement Plan (SIP)
- Identify gaps in the existing security programmes
- Provide recommendations to strengthen the overall AVSEC regime
- Establish specific assistance needs

2.5 The AVSEC survey mission activities completed included:

- Meetings with State authorities responsible for aviation security oversight and implementation
- Review of existing aviation legislation and National AVSEC programme documentation
- Airport visit to observe security infrastructure and operations
- Briefings with the Secretary of State of Transport, OFNAC, AAN and other State authorities

2.6 The areas reviewed during the AVSEC Survey Mission were:

- Legislation
- Appropriate Authority
- Programmes and Regulations
- Guidance, Tools and Information
- Human Resources
- Qualifications and Training
- Quality Control Obligations
- Resolution of Security Concerns
- Infrastructure
- Screening Equipment
- MRTD

2.7 The mission resulted in a proposed AVSEC SIP, which includes the following stages for the provision of advice, training and documents:

- Phase 1 – NCASC and Civil Aviation Code
- Phase 2 – NCASP
- Phase 3 – ASPs
- Phase 4 – NCASP and SCP
- Phase 5 – NCASQCP

2.8 The ICAO assistance offered under the AVSEC SIP will:

- Provide AVSEC experts assigned to OFNAC
- Review documents
- Provide training material
- Provide project quality assurance
- Monitor the project implementation progress

2.9 The OFNAC responsibilities under the AVSEC SIP are to:

- Designate security and legal experts to collaborate with ICAO Short-Term Experts (STEs) in the programme drafting/revision
- Finalize drafted/revised programmes and submit them to ICAO for comment and followed by implementation
- Designate/identify security personnel from the appropriate entities to undergo proposed ICAO training and workshops
- Facilitate the training course/workshop activities, including classrooms, transport, etc.
- Work with other State entities to ensure continuity of staff that are assigned to work on the project

2.10 The additional assistance required from donors to support implementation of the AVSEC SIP includes the following:

- Mentoring programmes either on-site or within the sponsoring State to provide best practices with regard to:
 - Supervision of screening checkpoint operation, including daily equipment verification and the use of operational control checklists
 - Testing, inspection and auditing of aviation security activities, including scheduling and prioritization of these activities
 - Risk analysis and management
- Standard test pieces in order to effectively validate the functioning of x-ray screening equipment and walk-through metal detectors
- Assistance in establishing a National Air Transport Facilitation Programme and National and Airport Facilitation Committees
- Course development training for national and airport training personnel
- Adequate screening facilities for personnel entering security restricted areas at vehicle access points
- Development of explosive ordnance disposal teams (agreement being coordinated with Miami International Airport)
- Explosive detection equipment for passenger screening checkpoints

2.11 OFNAC accepted with appreciation the ICAO proposed AVSEC SIP and requested the assistance provision to commence at the earliest convenience. OFNAC agreed for the AVSEC survey mission results and SIP to be shared with other donor States and government international organizations to contribute further assistance in aviation security.

Report on Agenda Item 3 States/Organizations updates on assistance projects

World Bank “Haiti Civil Aviation Sector Infrastructure and Institution Emergency Recovery Grant” Project

3.1 The World Bank (WB) informed that the request for additional financing of the Haiti Infrastructure and Institutional Emergency Recovery Project (P120895) was approved by WB management for submission to the Board of Directors for decision in September 2012. This grant will provide funding of US\$ 5.3 million for the air transport sector of Haiti. With these funds WB intends to finance ground to air VHF communication infrastructure (US\$ 1.5 million); air navigation equipment: two VHF Omnidirectional Radio range (VORs), one Instrument Landing System (ILS) (US\$ 2.8 million); and runway approach lighting at Port-au-Prince (MTPP) airport (US\$1 million). The terms of reference for the procurement of this equipment have been finalized by the ICAO consultants, and procurement can be launched shortly by the GoH.

3.2 WB reported that it would be discussing the next phase, tender for procurement of the following equipment, with the procurement agency designated in the agreement between WB and MTPTC:

- New VHF air-ground radio communication equipment for the Area Control Centre (ACC) and Approach Control (APP) in "Tete-Etang" remote station (\$1,050,000)
- New Doppler VOR (DVOR) and Distance Measuring Equipment (DME)/Port-au-Prince International Airport for terminal and en-route services (\$1,300,000)
- New radios for the Air Traffic Control Tower (ATCT)(\$140,000)
- New Voice Communication Switching System (VCSS) with consoles for the ACC and ATCT (\$350,000)
- New Precision Approach Path Indicators (PAPI) - Runway 28 (\$150,000)
- New Precision Approach Path Indicators (PAPI) - Runway 10 (\$150,000)
- New Instrument Landing System (ILS), Glide Path (GP)/DME and Localizer (LLZ) stations (Runway 10) (\$1,500,000)
- New Category I Precision Approach Lighting System (Runway 10) (\$700,000)

3.3 WB confirmed that if there were savings in actual costs from the procurement tenders, then additional items could be considered. If this were the case, the new DVOR/DME OBLEON Station for en-route services would be the highest priority, but the ATCT for Port-au-Prince International Airport could also be considered.

3.4 The progress on the following completed, on-going, and planned projects was reported by the meeting participants:

United States

Federal Aviation Administration (FAA)

- Donation of mobile air traffic control tower – only agreement signing pending
- Training at FAA Academy is available but on a cost-recovery basis – OFNAC to submit request to receive a proposal and cost estimate, if interested
- SouthComm (New Horizons) is not be able to provide the previously considered assistance

Transportation Security Administration (TSA)

- Provided four vehicles, explosive trace detection equipment, and lighting at perimeter access points
- Workshop in conjunction with OAS-CICTE at MTCH
- Risk Assessment Workshop in conjunction with Transport Canada planned for 24 – 28 September 2012
- Quality Control Workshop planned for 15 – 19 October 2012
- Miami Dade Aviation Department providing Explosive Ordnance Disposal (EOD) assistance
- MTCH assistance in preparation for VIP visitor in October 2012, including provision of Walk-through Metal Detectors (WMDs) and x-ray screening equipment
- MTCH Southcomm/TSA Assessment postponed until February 2013

World Meteorological Organization (WMO)

- AWOS at MTPP reinstated into service
- Seven additional AWOS to be installed in six aerodromes and one other location, expected to be completed by December 2012, subject to confirmation of funding from donors, possibly Canada
- OFNAC, AAN and CNM to agree on installation site for AWOS at MTCH
- OFNAC to provide CNM additional storage space for AWOS until installed
- OFNAC and CNM to ensure the data is processed and made available to operators
- MTPTC to provide security fencing for new AWOS installations

United Nations Stabilization Mission in Haiti (MINUSTAH)

- AWOS project cancelled
- 160 vehicles donated to GoH for OFNAC and AAN to take advantage of
- Search and Rescue (SAR) and Rescue and Fire-Fighting Services (RFFS) MoUs being developed with OFNAC and AAN
- RFFS Personal Protective Equipment (PPE) donated to AAN

- UNPOL continuing to provide EOD coverage

Inter-American Development Bank (IDB)

- Intends to mobilize funds (about US\$830,000) from a French trust fund, which would finance: (i) an update of the Master Plan for MTPP, prepared by Aéroport de Paris Ingénierie (ADPi), and (ii) detailed design for the construction of a new ATCT and ACC
- Revised TORs have been sent to ADPi with a request for the technical and financial proposal to be submitted by December 2012
- Confirmed that it funded the acquisition of two security passenger screening x-ray devices to be delivered by December 2012, as well as the provision of security training and documentation

International Air Transport Association (IATA)

- MINUSTAH was provided training in Airport Emergency Response and Station Operations Control and provided a quote for five additional courses.
- OFNAC was provided a quote for nine different courses on a variety of subjects with IATA discount.
- IATA reiterated its offer for OFNAC participation (free of charge) for 15 seats at any IATA training conducted at the Miami Regional Office.
- IATA offered its classroom facilities in Miami (free of charge) for the conduct of training.
- IATA reiterated its offer for the development of Area Navigation/Required Navigation Performance (RNAV/RNP) procedures (free of charge) that would enhance safety and efficiency for the MTPP airport.
- IATA has been retained to assist AAN with developing the passenger terminal interior layout. The six-week project was supposed to start in January 2012 but the contract was finally agreed upon in May and the work actually started with an Inception Mission carried out from 17 to 23 June 2012.
- IATA has made recommendations to improve apron safety, security, terminal operations, facilitation and non-aeronautical commercial activities in the arrival area. Overall more than 50 recommendations were provided to AAN in a report submitted on 5 July 2012.
- A draft report updating traffic forecasts and assessing passenger terminal commercial space requirements was submitted on 18 July 2012.
- From 8 to 13 August 2012, a second field mission took place for the purposes of collecting information and assessing options for the development of the physical layout of the departure areas. A field mission report presenting a layout of the landside access road and curb area, preliminary design of passenger terminal services, and employee access point(s) was submitted on 23 August 2012.
- Work is presently being performed on the detailed layout of the two floors of the passenger terminal departure area and will be presented to AAN. The project should be completed by mid-November 2012.
- The report “Economic Benefits from Air Transport in the Caribbean Islands” dated 2011 and prepared by Oxford Economics was provided and is available at: <http://www.mexico.icao.int/RegionalGroups/HaitiCASCNews.html#Book>

Organization of American States (OAS) / Inter-American Committee against Terrorism (CICTE)

- Scholarship for Haiti to attend the ICAO Aviation Security National Inspectors Course, Trinidad and Tobago, 16 – 24 October 2012
- Canada Border Services Agency (CBSA) Air Cargo Interdiction Training, Haiti, 22 – 26 October 2012
- Scholarship for Haiti to attend the ICAO Airport Security Programme Workshop, United States, 29 October – 2 November 2012
- TSA Preventive Security Measures Course, Cap Haitien, Haiti, 3 – 7 December 2012
- Scholarship for Best Practices Workshop on Travel Document Security and Identity Management, Trinidad and Tobago, 5 – 7 December 2012
- ICAO/OAS-CICTE Capacity Gap Assessment and Project Development Mission, Haiti, dates in 2013 to be determined

Caribbean Aviation Safety and Security Oversight System (CASSOS)

- Notified ICAO of no further developments

Report on Agenda Item 4 Next steps

4.1 The Meeting discussed the next steps and agreed upon the following:

- World Bank Project – expedite procurement of equipment
- MINUSTAH to continue providing EOD support
- WMO to complete AWOS installation
- IATA to implement procedures project
- United States FAA to identify ATC and other aviation training
- OFNAC to request IDB to use funds from proposed studies to purchase prefabricated ATCT cab RD ICAO NACC Office to meet with French Council representative at ICAO HQ to discuss IDB funds
- OFNAC to provide comments and acceptance of ICAO AVSEC SIP – once agreed implementation can begin
- ICAO USOAP CSA Audit (4 – 13 December 2012)
- OAS-CICTE/ICAO Best Practices Workshop on Travel Document Security and Identity Management (5 – 7 December 2012) - MRTD Gap Assessment and Project Development Mission (2013)
- Planned ICAO/WHO CAPSCA Assistance Visit (2013)
- Next CASC Meeting – January 2013

Report on Agenda Item 5 Other business

5.1 The meeting discussed the need for State Safety Programme (SSP) training for OFNAC and Safety Management System (SMS) training for OFNAC, AAN and aircraft operators. ICAO offered to provide the ICAO SSP and SMS courses in consecutive weeks for which American Airlines offered air travel. OFNAC offered to fund the training material, and ICAO will cover its instructor(s) costs.

5.2 After the meeting closed, ICAO presented the results of the AVSEC Survey Mission and the regional AVSEC training events database in greater detail to the AVSEC ad-hoc group meeting attended by representatives of United States (TSA), MINUSTAH, and OFNAC. United States suggested that every change saved in the database be accompanied by a notification e-mail sent to all registered users.

**FOURTH MEETING OF THE HAITI CIVIL
AVIATION STEERING COMMITTEE
(CASC)**

**CASC/4 Meeting -29 August 2012
Petion-Ville ,HAITI**



**HAITI CIVIL AVIATION
DEVELOPMENT ACTION PLAN**

- New developments
- Project status

New developments

IN MAY 2012, an assessment of the air navigation infrastructure has been carried out by ofnac to confirm our needs which are the replacement of:

-THE non-operating PAP/VOR/DME by a new DVOR/DME.

The replacement of the ILS/DME/PAP for runway 10.

-the installation of a new DVOR/DME at OBLEON for en route navigation.

The installation of a new prefabricated control tower

- at TOUSSAINT LOUVERTURE International Airport.**
- The purchase of new communication equipment.**
- The rebuilding of the TETE ETANG remote station.**
- The purchase of the AMHS system for the new flight plan requirements.**

Project status

- ATC Tower Toussaint Louverture airport**
 - Priority 1**
 - Cost estimate 700 000 USD**
 - Improvement of the existing control tower in the wake of the airport terminal rehabilitation. Structure to be rebuilt by the same construction companies working at the airport terminal. OFNAC to provide equipment inside tower.**
 - Phased to be completed in 2012**

Project status

- **New VHF Air-Ground radio communication**
 - Priority 1
 - Site assessment performed on existing facilities and equipment located in Tete Etang remote station and in OFNAC technical room and decision was made for replacement including the need for a Voice Communication Switching System (VCCS)
 - Technical specifications provided
 - Cost estimate 1050 000 USD + 350 000 USD= 1400 000 USD

Project status

- **New DVOR/ DME for Toussaint Louverture airport**
 - Priority 1
 - Site assessment and technical specifications provided. Decision was made for a replacement by a DVOR/DME to support terminal and en route operations.
 - Cost estimate: 1300 000 USD

Project status

- **New DVOR/ DME Obleon**
 - **Priority 2**
 - **Site assessment and technical specifications provided. Decision was made for a replacement by a DVOR/DME to support en route operations.**
 - **Cost estimate: 1250 000 USD**

Project status

- **New CAT 1 Precision Approach Lighting System**
 - **Priority 1**
 - **Site survey performed and technical specifications available. This system is a required complement to the ILS /DME.**
 - **Transfer of responsibility to AAN for operation and maintenance is recommended as for other visual aids**
 - **Cost estimate: 700 000 USD**

Project status

- **New DVOR/DME CAP-Haitien International airport**
 - Priority 1
 - Project included in the Government loan BANDES package. Preliminary negotiations with equipment providers
 - Cost estimate: 1000000 USD

Project status

- **New Instrument landing system ILS/DME rwy 10 Toussaint Louverture airport**
 - Priority 1
 - Site assessment performed. Equipment obsolete. New equipment recommended. Technical specifications available.
 - Cost estimate: 1500 000 USD

Project status

- **ATM training**
 - **Priority 1**
 - **Preliminary report of ATM expert regarding human resources planning. Process engaged to recruit air traffic controllers. Further discussions required. IATA to provide assistance for the review and development of terminal procedures**
 - **Cost estimate; 3000 000 USD**

UPDATES

.SELECTION PROCESS TERMINATED

**.40 CANDIDATES HAVE BEEN
RETAINED OVER ABOUT ONE
THOUSAND**

**.SELECTED CANDIDATES STANDBY FOR
AIR TRAFFIC CONTROL TRAINING**

Project status

- **Backup power supply for existing ACC and nav aids**
 - **Priority 1**
 - **Site assessment performed and technical specifications elaborated**
 - **Cost estimate: 500000 USD**

Project status

- **Aeronautical Information Management Office**
 - **Priority 1**
 - **Cost estimate: 350 000 USD**

Project status

- **Projects with priority 2**
 - **Aeronautical charts with NEW WGS 84 survey and publication- Cost estimate: 750 000USD**
 - **WIFS workstations Cost estimate: 60 000USD**
 - **Equipped SAR regional Coordination center. Cost estimate : 1000 000 USD**
 - **Updating of AVSEC and FAL legal framework**
 - **Cost estimate: 150 000 USD**

UPDATES

- Action Plan carried out by OFNAC in the field of Search and Rescue.**
- Talks initiated with MINUSTAH for the implementation of a MOU in support of emergency situations at the airport and SAR Matters within the Haitian Airspace.**

Project status

- **Priority 2**

- **Surveillance system for the Haitian airspace**

Cost estimate: 4000 000 USD (Govt loan

BANDES package)

New ACC collocated with new tower

Cost estimate : 6000 000 USD

Project status

- **Priority 3**

- Runway visual range Toussaint Louverture**

airport Cost estimate: 200 000 USD

- **Wind shear detection equipment Toussaint**

Louverture airport Cost estimate: 200 000

USD

- **MEVA vsat node at Cap Haitian 150 000**

USD



▪ **HAITI AVIATION ACTION
PLAN**

- **THANK YOU
QUESTIONS?**

FOURTH MEETING OF THE HAITI CIVIL AVIATION STEERING COMMITTEE (CASC)
APPENDIX B



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN REGIONAL OFFICE**

UPDATE ON THE SITUATION IN HAITI

May 2012

This briefing provides an update on the situation in Haiti since the last report posted on the ICAO Council website in February 2012 and provides preliminary recommendations resulting from the World Bank/ICAO Project mission conducted from 26 February – 1 March 2012, and the Third Haiti Civil Aviation Steering Committee (CASC/3) Meeting held on 12 April 2012.

Developments since February 2012:

- ICAO updated the Technical Cooperation Project documents (PRODOCs) based on the following information and submitted the documents for review by Office National de l'Aviation Civile (OFNAC) and Autorité Aéroportuaire Nationale (AAN) on 23 March 2012:
 - Results of ICAO Follow-up Mission (October 2011)
 - Updated Haiti Civil Aviation Development Action Plan (January 2012)
 - Revised total cost estimate: OFNAC – USD \$33M; AAN – USD \$197M
- The World Bank “Haiti Civil Aviation Sector Infrastructure and Institution Emergency Recovery Grant” Project, for which the Ministère des Travaux Publics, Transports et Communications (MTPTC) has contracted ICAO professional services, commenced with the evaluation mission completed in February 2012 and the preliminary report submitted to the World Bank (WB), MTPTC and OFNAC in March 2012. The evaluation confirmed all existing equipment included in the project scope required replacement.
- The World Bank had discussed the preliminary recommendations with OFNAC and a possible increase of the previous USD 3 Million budget with MTPTC. Three funding and associated revised project scope scenarios were developed for budgets of USD 3, 5 and 7 Million.
- The World Bank informed that the USD 5 Million budget was considered to be the most likely scenario. However, the World Bank also informed that due to insufficient budget the funding of Air Traffic Management (ATM) and other air navigation training was deleted from the project scope.
- In relation to the procurement mechanism, OFNAC recommended that the World Bank consider the ICAO procurement mechanism: Civil Aviation Purchasing Service (CAPS), which had been presented by ICAO at the CASC/2 Meeting.
- The Third Meeting of the Haiti Civil Aviation Steering Committee (CASC/2) was held in Port-au-Prince, Haiti, on 12 April 2012. The meeting report is available at: <http://www.mexico.icao.int/RegionalGroups/HaitiCASC/Meetings04-CASC3MeetingReport.pdf>.
- Noteworthy Government of Haiti (GoH) developments were reported as follows:
 - Introduction of international air passenger departure tax to fund aviation development
 - Recruitment of air traffic controllers for OFNAC

- Ongoing Cap Haïtien Airport Improvement and Secondary Surveillance Radar (SSR) Project
- On-going passenger terminal building rehabilitation
- Planned Air Traffic Control Tower (ATCT) rehabilitation and equipment
- Progress was reported by United States and several other organizations on completed and on-going assistance projects.
- ICAO presented the Haiti Civil Aviation Development Action Plan, which was reviewed and revised by the Meeting.
- Given the provision of AVSEC assistance by multiple donors including Canada, United States, ICAO, IDB, MINUSTAH, and OAS (CICTE), the Meeting established an Ad hoc group to discuss coordination between the States and Organizations to avoid duplication of assistance and to identify any gaps and potential providers to fill those gaps. The Ad hoc meeting participants agreed to share information from their respective administrations/organizations on AVSEC assistance requested by and provided to Haiti. ICAO committed to develop and circulate a proposed mechanism for sharing this information to the donors participating in the Ad hoc meeting for comment.

Next Steps:

- ICAO/World Bank project on-going – ICAO submission of Evaluation Report and Technical Specifications and GoH/WB expedite procurement
- MTPTC, AAN and Donors to consider ICAO Procurement Mechanism - CAPS
- GoH acceptance of ICAO Technical Cooperation Project documents
- GoH formal requests to United Nations Stabilization Mission in Haiti (MINUSTAH), United States Federal Aviation Administration (FAA), Inter-American Development Bank (IDB), International Air Transport Association (IATA)
- ICAO follow-up with the World Meteorological Organization (WMO), GoH/MINUSTAH, GoH/IDB, IATA/WB
- ICAO to develop proposed AVSEC assistance coordination mechanism
- ICAO AVSEC survey mission – 12 – 14 June 2012
- Next CASC meeting – 24 July 2012

Haiti CASC Web Site:

<http://www.mexico.icao.int/RegionalGroups/HaitiCASC.html>

confidential documents access - username: haiticasc; password: caschaiti01.



International Civil Aviation Organization



Fourth Haiti Civil Aviation Steering Committee Meeting (CASC/4) Haiti Civil Aviation Development

International Civil Aviation Organization
Port-au-Prince, Haiti, 29 August 2012



ICAO Update Since CASC/3 Meeting (April 2012)



- ✈ Deficient Air-Ground communications in the Haitian Airspace
- ✈ World Bank “Haiti Civil Aviation Sector Infrastructure and Institution Emergency Recovery Grant” Project with ICAO services
 - ✈ Report and Technical Specifications: submitted 25 May 2012
 - ✈ French translation: submitted 16 August 2012
- ✈ ICAO Aviation Security Survey Mission to Haiti (12 – 14 June 2012)
- ✈ ICAO AVSEC/FAL proposed State Improvement Plan
- ✈ ICAO/LACAC AVSEC Training Database prototype
- ✈ ICAO/WMO coordination on AWOS installation & commissioning
- ✈ ICAO review and comments on IDB TORs for ATCT & Airport Master Plan update
- ✈ ICAO drafted letter for OFNAC & AAN to send to MINUSTAH



Deficient/Lack of Air-Ground Communications in Haitian Airspace







URGENT NEED TO IMPROVE VHF AMS RADIO COMMUNICATION COVERAGE AND VOICE QUALITY!

World Bank/ICAO Project



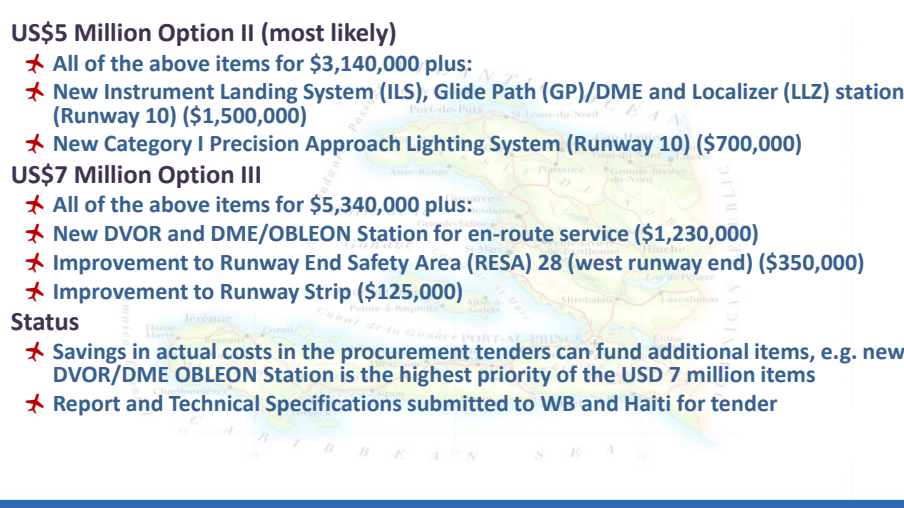


- ✈ **World Bank “Haiti Civil Aviation Sector Infrastructure and Institution Emergency Recovery Grant”**
- ✈ **Revised Project scope:**
- ✈ **US\$3 Million Option I**
 - ✈ **New VHF air-ground radio communication equipment for ACC and APP including "Tete-Etang" remote station (\$1,050,000)**
 - ✈ **New DVOR and DME/Port-au-Prince Intl. Airport for terminal and en-route services (\$1,300,000)**
 - ✈ **New Radios for the ATC Tower (\$ 140,000)**
 - ✈ **New Voice Communication Switching System (VCSS) with Consoles for the ACC and the ACT Tower (\$350,000)**
 - ✈ **New Precision Approach Path Indicator (PAPI) Runway 28 (\$150,000)**
 - ✈ **New Precision Approach Path Indicator (PAPI) Runway 10 (\$150,000)**

World Bank/ICAO Project




- ✈ **US\$5 Million Option II (most likely)**
 - ✦ All of the above items for \$3,140,000 plus:
 - ✦ New Instrument Landing System (ILS), Glide Path (GP)/DME and Localizer (LLZ) stations (Runway 10) (\$1,500,000)
 - ✦ New Category I Precision Approach Lighting System (Runway 10) (\$700,000)
- ✈ **US\$7 Million Option III**
 - ✦ All of the above items for \$5,340,000 plus:
 - ✦ New DVOR and DME/OBLEON Station for en-route service (\$1,230,000)
 - ✦ Improvement to Runway End Safety Area (RESA) 28 (west runway end) (\$350,000)
 - ✦ Improvement to Runway Strip (\$125,000)
- ✈ **Status**
 - ✦ Savings in actual costs in the procurement tenders can fund additional items, e.g. new DVOR/DME OBLEON Station is the highest priority of the USD 7 million items
 - ✦ Report and Technical Specifications submitted to WB and Haiti for tender



World Bank/ICAO Project






World Bank



WB select budget option and items within budget limit

Haiti/WB to proceed with procurement process

Next Steps:




ICAO AVSEC Survey Mission (12 – 14 June 2012)

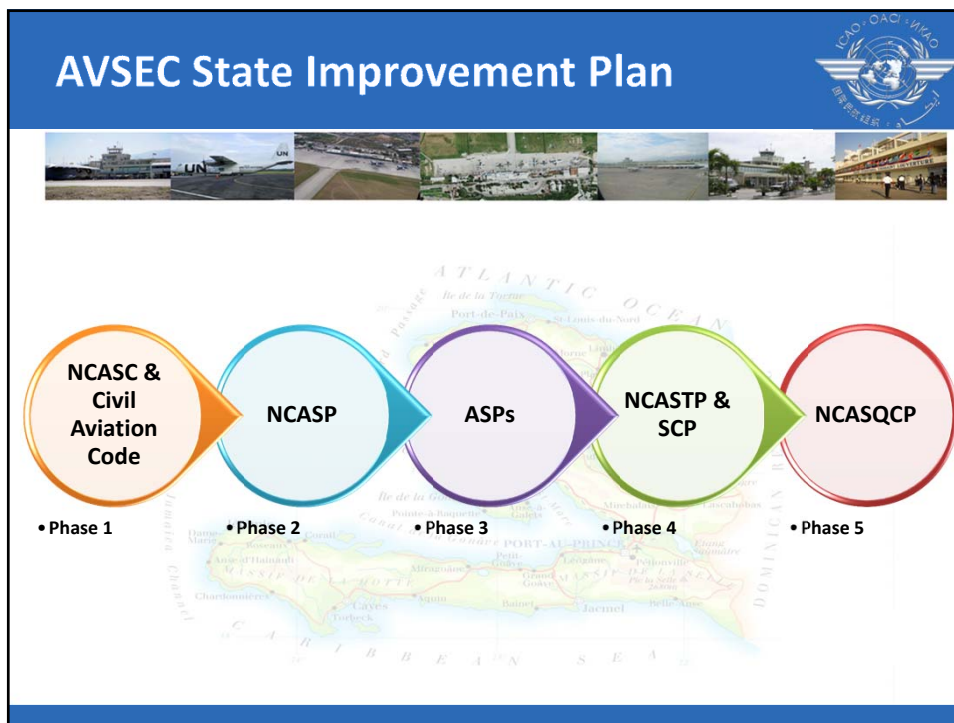
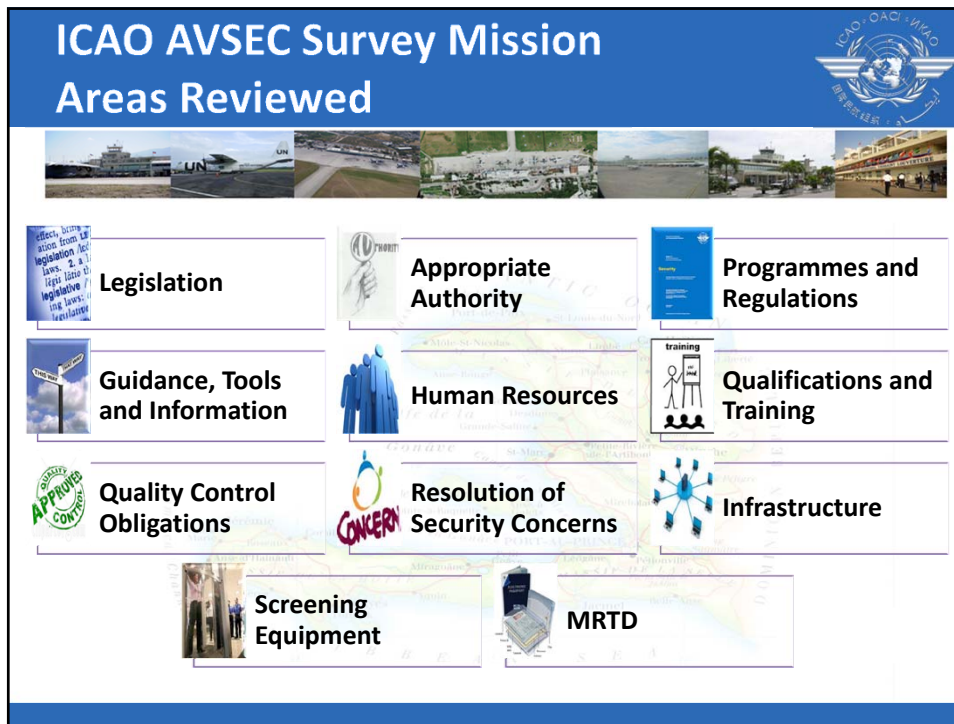


- ✈ Evaluation of State implementation of Annex 17 provisions
- ✈ Objective - determine assistance for AVSEC regulation, oversight, infrastructure and operations
- ✈ Expected results:
 - ✈ Develop AVSEC State Improvement Plan (SIP)
 - ✈ Identify gaps in the existing security programmes
 - ✈ Provide recommendations to strengthen the overall AVSEC regime
 - ✈ Establish specific assistance needs

ICAO AVSEC Survey Mission Activities Completed




- Meetings with State authorities responsible for aviation security oversight and implementation
- Review of existing aviation legislation and National AVSEC programme documentation
- Airport visit to observe security infrastructure and operations
- Briefings with the Secretary of State of Transport, OFNAC, AAN and other State authorities



AVSEC State Improvement Plan ICAO Assistance



Provide AVSEC Experts assigned to OFNAC



Review documents



Provide training material





Provide project quality assurance



Monitor the project implementation progress

AVSEC State Improvement Plan OFNAC Responsibilities

Designate security and legal experts to collaborate with ICAO STEs in the programme drafting/revision on

Finalize drafted / revised programmes and submit them to ICAO for comments and implement them

Designate / identify security personnel from the appropriate entities to undergo proposed ICAO training and workshops

Facilitate the training course/works hop activities, including classrooms, coffee breaks, transport, etc.

Work with other State entities to ensure continuity of the staff that are assigned to work on the project

AVSEC State Improvement Plan Assistance Required from Others





- ✈ **Mentoring programmes either on-site or within the sponsoring State to provide best practices with regard to:**
 - ✦ **Supervision of screening checkpoint operation, including daily equipment verification and the use of operational control checklists**
 - ✦ **Testing, inspection and auditing of aviation security activities, including scheduling and prioritization of these activities**
 - ✦ **Risk analysis and management**
- ✈ **Standard testing equipment to validate proper functioning of x-ray screening equipment and walk-through metal detectors**
- ✈ **Assistance with establishing a National Air Transport Facilitation Programme, and National and Airport Facilitation Committees**

AVSEC State Improvement Plan Assistance Required from Others



- ✈ **Course development training for national and airport training personnel**
- ✈ **Complete work on the perimeter fence**
- ✈ **Adequate screening facilities for personnel entering security restricted areas at vehicle access points**
- ✈ **Development of explosives ordnance disposal teams (agreement already being coordinated with Miami International Airport)**
- ✈ **Explosive detection equipment for passenger screening checkpoints**

Assistance Donor Updates





✈ States



- ✈ United States
 - ✈ FAA
 - ✈ TSA

✈ Organizations

- ✈ WMO
- ✈ MINUSTAH
- ✈ OAS/CICTE
- ✈ IDB
- ✈ IATA



Next Steps

World Bank Project – expedite procurement

**MINUSTAH to continue providing EOD support
WMO to complete AWOS installation**

**IATA to implement procedures project
United States FAA to identify ATC & other aviation training**

OFNAC to request IDB to fund ATCT cab instead of studies

OFNAC to provide comments and acceptance of ICAO AVSEC State Improvement Plan – once agreed upon, implementation can begin



Haiti CASC web site



✈ <http://www.mexico.icao.int/RegionalGroups/HaitiCASC.html>

✈ Confidential documents access

- ✈ username: haiticasc
- ✈ password: caschaiti01



