

RESUME



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AIRCRAFT AND ENGINES MAINTENANCE AND REPAIR ENGINEER
AVIATION SAFETY EXPERT
AIRCRAFT AIRWORTHINESS EXPERT
AVIATION SAFETY INVESTIGATOR

DETAILED PROFESSIONAL EXPERIENCE

01/2021 – to date **Director of the Aircraft Accident Investigation Bureau (BEA) of the Republic of Congo / Aviation Safety Investigator**
Ministry of Transport, Civil Aviation and Merchant Shipping

Mission: Managing the activities of the Aircraft Accident Investigation Bureau (BEA)

Jobs done :

- Development and implementation the BEA's strategic development plan to strengthen its capabilities on an ongoing basis;
- Development of regulations relating to "the exercise of the function of aviation safety investigators", "the aircraft accident and incident investigation" and "Accident/Incident reporting system";
- Amendment and implementation of aviation accident/incident investigation policies and procedures;
- Development and implementation of staff training policies, programs and plans;
- Selection, appointment and accreditation of new BEA's technical investigators;
- On-the-Job training of hired investigators;
- Management of the safety occurrences database;
- Classification and analysis of safety occurrences notified to the BEA;
- Initiation and conduct of investigations into civil aircraft accidents and incidents;
- Development and signature of several memorandums of understanding (MoU) between the BEA and national bodies and foreign investigation authorities related to aircraft accident and incident investigation;
- Conduct of safety promotion activities with other Congolese aviation stakeholders;
- Implementing the corrective action plan of the Republic of Congo for the resolution of deficiencies identified in the AIG field during USOAP CMA activities in Congo;
- Update the CMA online framework to reflect progress of the Congo in the AIG area;
- Advise the Minister of Civil Aviation and other national agencies on matters related to safety management and aircraft accident and incident investigation.

04/2020 – 01/2021 **Civil Aviation Attaché of the Minister of Transport**
Ministry of Planning, Statistics, Regional Integration, Transport, Civil Aviation and the Merchant Shipping

Mission: Technical advice to the Minister on matters relating to civil aviation and aviation safety in particular ;

Jobs done :

- Monitoring/Supervision of activities and projects in the civil aviation sector (certification of international airports, construction of the aircraft maintenance organization, exit from the EU blacklist, attractiveness of airport platforms, relaunch of national airlines, etc.);
- Member of the working groups in charge of the development/amendment of civil aviation regulations ;
- Member of the committee in charge of diagnosing the aviation sub-sector and formulating recommendations for its restructuring and revitalization;

- Member of the committee in charge of evaluating the economic regulation plan of the international airports concession agreement;
- Member of the commission responsible for setting up the national system to combat COVID-19 in the civil aviation sector, particularly on airports;
- Participation in technical studies and intra/inter ministerial meetings relating to civil aviation.

09/2019 – 04/2020

Head of the Aircraft Airworthiness Office

National Civil Aviation Agency (ANAC), Republic of Congo

Mission: Ensure the implementation of standards and recommended practices relating to the airworthiness of aircraft;

Jobs done :

- Development and# amendment of regulations and implementation procedures on airworthiness of aircraft;
- Conduct oversight activities of air operators (inspections, audits, etc.);
- Assessment of applications and conduct surveillance activities (inspections, audits, etc.) of foreign maintenance organizations (Ethiopian MRO, Genel Havacilik , Concord Aeroteknik , ...);
- Assessment of aircraft maintenance leasing contracts and technical documents (MME, MOE, aircraft maintenance program, minimum equipment list (LME/MEL), configuration deviation list (CDL/LEC), etc.) operators and maintenance organizations;
- Airworthiness review of aircraft;
- Annex 19 Investigation of aircraft safety occurrences in the Republic of Congo;
- Evaluation of safety studies related to operations and maintenance of aircraft;
- Evaluation and monitoring of the implementation of corrective action plans of aircraft operators and maintenance organizations.

01/2017 – 04/2020

Aviation safety consultant (Technical expert)

National Civil Aviation Agency (ANAC), Republic of Congo

Mission: Assist technical services in the implementation of crucial elements of the safety supervision system;

Jobs done :

- Member of the working groups responsible for bringing aviation safety regulations into compliance with ICAO standards and recommended practices;
- Implementation of a new aviation safety documentation management system;
- Development/amendment of organizational and technical supervision documentation (guides, procedures, checklists, etc.);
- Consolidation of the training management system for safety supervision personnel and development of policies, programs and training plans for safety supervision personnel;
- Monitoring of the implementation of training plans and maintain training records for technical staff;
- Participation in supervision activities of aircraft operators and aircraft maintenance organizations (inspection, audit, etc.);
- Preparation for the 2019 ICAO Coordinated Validation Mission (ICVM) of the Republic of Congo.

06/2015 – 12/2016

Engineering Manager

Equatorial Congo Airlines (ECAir), Republic of Congo

Mission: Ensure the management of continued airworthiness of aircraft registered on the fleet list

Jobs done :

- Development and amendment of technical and operational documents (MME, interface manual (JPM/IM) with subcontractors, aircraft maintenance programs, etc.);
- Preparation of maintenance files and monitoring of the implementation of aircraft maintenance programs;

- Technical representative of ECAir during major maintenance visits for B737 type aircraft (HB-JJB/JJC) to the workshops of the maintenance organizations X-Air Services and Sabena Aerospace in Brussels/Belgium;
- Preparation of application files for airworthiness certificates (CDN), noise certificates and aircraft radio station licenses, operating authorizations;
- Preparation of aircraft registration application files (OO-JJI, HB-JJB, HB-JJC) on the Congolese aircraft register (phase-in) and airworthiness certificate;
- Participation as Member of the team responsible for developing maintenance contracts and managing continued airworthiness of B737-300 aircraft listed on the fleet list (Sabena Aerospace-ECAir) and training technical staff
- Participation as Member of the group responsible for conducting analyzes of safety events occurring during the ECAir aircraft operations.

TECHNICAL SURVEYS CONDUCTED ON BEHALF OF THE REPUBLIC OF CONGO

Aviation Safety Investigator / IIC

Member of aviation safety investigation teams including 6 as Investigation In Charge (IIC) of accidents and incidents occurred in the Republic of Congo between 2021 and 2024 involving heavy aircraft (B737-CL; ATR 72-500; BE-1900) that lead to the publication of reports and recommendations of safety.

TECHNICAL ASSISTANCE FROM MEMBER STATES AND ADMINISTRATIONS IN THE FIELD OF AIRCRAFT ACCIDENT AND INCIDENT INVESTIGATION (AIG)

<i>June 2024 – to date:</i>	Technical assistance to the Guinean Civil Aviation Authority (AGAC), in the AIG field , as part of the preparation of the ICAO USOAP CMA audit of the Republic of Guinea
<i>June 10 – 14, 2024:</i>	Technical assistance of Bureau Enquêtes-Accidents (BEA) of Benin, in the AIG field , as part of the preparation of the audit USOAP CMA of ICAO of the Republic of Benin
<i>03/2023 – to date</i>	Technical assistance of the Aircraft Accident Investigation and Prevention Bureau (GPIAA) of Sao Tome & Principe, in the AIG field , within the framework of the SAFE Project of the ICAO for the improvement of the civil aviation safety supervision system of Sao Tome & Principe
<i>12/2022 – 02/2023</i>	Technical assistance of the Permanent Bureau of Aircraft Accident and Incident Investigation (BPEA) of the Democratic Republic of Congo, in the AIG field , as part of the preparation of the ICAO USOAP CMA audit of the Democratic Republic of Congo

The technical assistance from the safety investigation authorities of the aforementioned States consisted of:

- Analyze the compliance of their current regulations relating to “aircraft accidents and incidents investigation” with applicable ICAO SARPS; identify and notification of differences; make recommendations and draft amendments to state’s legislation and regulations, as appropriate;
- Review the organization of investigation authorities and identify the human resource requirements required for functions related to the investigation of aircraft accidents and incidents, including detailed job descriptions;
- Review and update the technical staff training policy, program and plan; organize the keeping of investigator’s training files;
- Review and consolidate policies, procedures relating to the initiation, conduct, participation and delegation of aircraft accident and incident investigations;
- Draft memorandums of understanding with foreign and national organizations relating to aircraft accident and incident investigation;
- Examine and amend procedures for reporting incidents and accidents as well as publishing and monitoring safety recommendations;
- Identify the equipment and materials required for carrying out investigations;
- Implement a mandatory and voluntary reporting system for security events;

- Set up a database on aircraft accidents and incidents;
- Update the CMA online framework to reflect progress in the AIG area.

MOCK AUDIT OF WAEMU MEMBER STATES IN THE FIELD OF AIRCRAFT ACCIDENT AND INCIDENT INVESTIGATION (AIG)

15 – 30/06/2024 (in progress)	Participation as Member of the Mock audit Team of the civil aviation safety oversight system of Togo (Auditor responsible for the area of “Aircraft Accident and Incident Investigation (AIG)”)
06/26 - 07/2023	Participation as Member of the Mock audit Team of the civil aviation safety oversight system of Burkina Faso (Auditor responsible for the area of “Aircraft Accident and Incident Investigation (AIG)”)

These two (02) Mock audits were carried out on behalf of the Regional Civil Aviation Safety and Security Supervision Unit (URSAC) of the West African Economic and Monetary Union (WAEMU). They consisted of an evaluation of the conformity of the state’s safety oversight system with ICAO standards and recommended practices (SARPs) in the field of aircraft accident and incident investigations (AIG) and using as support the USOAP CMA protocol question (PQ).

OTHER ACTIVITIES IN THE AIG FIELD

01/2024 – to date	Member of the International Society of Aviation Safety Investigators (ISASI)
05/2023 – to date	Technical Expert in the ICAO AFI Plan Project for the implementation of the State Safety Program (SSP) <i>Jobs done :</i> <ul style="list-style-type: none"> - Development of a model of regulations and procedures relating to state safety program (SSP), safety management system (SMS) and aircraft accident and incident investigation (AIG)
02/2023 – to date	Member of the AIG expert group of the African Civil Aviation Commission (AFCAC) responsible for providing technical support in the field of aircraft accident and incident investigation (preparation of notes of work, reports, etc.)
2023 – 2024	Panel member and guest speaker at workshops relating to “Aircraft Accident and Incident Investigation (AIG)” and “Safety Management” organized by the ICAO regional Office (WACAF) : <ul style="list-style-type: none"> - workshop on Accident Investigation (AIG), from 6 to 8 May 2024 - AFI Plan SSP Project launching virtual meeting and workshop, from 16 to 17 January 2024 - Workshop on RSOOs and RAIO Implementation Support to States, from 7 to 11 August 2023

OTHER PROFESSIONAL ACTIVITIES

05/2021 – 09/2022	Expert in charge of technical assistance to the Civil Aviation Authority of the Democratic Republic of Congo (AAC-DRC) in the field of “civil aviation organization (ORG) »
03/2021 – to date	Member of the airworthiness expert group (AIR) of the Central African Aviation Safety Supervision Agency (ASSA-AC) in charge of the development of community regulations relating to the airworthiness of aircraft and safety management

BASIC TRAINING

2013 – 2015	Master in maintenance and repair of aircraft and engines, Mechanical engineer National Aviation University , Kiev/Ukraine
2009 – 2013	Bachelor in aircraft maintenance engineering National Aviation University , Kiev/Ukraine

CERTIFICATION

2018	QMS ISO 9001:2015 Lead Auditor (CQI & IRCA certified) (Certif. serial no. 18/A/1019093/10954)
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TRAINING RELATING TO INVESTIGATION OF AIRCRAFT ACCIDENTS AND INCIDENTS

- Air Traffic Management (ATM) Incident Investigation Techniques
- USOAP CMA phase 2 - Aircraft accident and Incident Investigation (AIG)
- Assistance to Aircraft Accident Victims and their Families (AAAVF EN)
- Aircraft Accident Investigation
- AFI CIS Induction & Refresher Workshop on Aircraft Accident Investigations
- Recorders and beyond
Role of the accident/incident investigation in the state safety program (SSP)
- Commercial Air Transport Investigation
- Investigation of accidents and incidents and case studies
- Accident/incident investigation

OTHER TRAINING (CIVIL AVIATION SAFETY AND MANAGEMENT)

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| - Monitoring implementation of the National Aviation Safety Plan | - Aviation Data Driven Decision Making (A3DM) |
| - Introduction to the National Aviation Safety Plan | - Operational Hazard Identification & Risk Mitigation |
| - Safety management | - Search and Rescue Administrator |
| - Risk Management Fundamentals | - Engine Condition Trend Monitoring |
| - Unmanned Aircraft Systems (UAS) Safety Management System | - Developing an Effective Reliability Program Essentials |
| - Human Factors: The Threat & Error Management and Team Resource Management Interface | - Store and Incoming inspection |
| - Safety Information Protection | - Production Planning Basics |
| - USOAP CMA phase 1 & phase 2 (Aviation Legislation and Civil Aviation Organization) | - Inspection Techniques for Certifying Staff |
| - Unmanned Aviation Fundamentals (UAF) | - EASA PART 145 Essentials |
| - Overview of Unmanned Aviation Fundamentals | - Electronic on-board bag |
| - ICAO Training Instructors Course (TIC) | - Internal audit technique |
| - Introduction to Crisis Management | - Process Management (QMS) |
| | - Safety Management System |
| | - ICAO USOAP-CMA and the Online Framework (OLF) |
| | - Aeronautical legislation EASA PART M/G+I |

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| <ul style="list-style-type: none"> - EASA Form 1 study | <ul style="list-style-type: none"> - Introduction to the use of AMASIS continued airworthiness management software |
| <ul style="list-style-type: none"> - Aircraft Maintenance Center Certification | <ul style="list-style-type: none"> - Introduction to using CASSIOPEE flight data tracking software |
| <ul style="list-style-type: none"> - Certification and monitoring of an air operator (Airworthiness Aspect) | <ul style="list-style-type: none"> - Introduction to continued airworthiness |
| <ul style="list-style-type: none"> - Audit Techniques and Methodology for Conducting Inspections | <ul style="list-style-type: none"> - Awareness of the ECAIR 100% Quality Project and Introduction to Quality Concepts |
| <ul style="list-style-type: none"> - Aircraft Maintenance Center Management | |

REFERENCES

References are provided upon request

PERSONAL SKILLS

leadership – teamwork – autonomy – listening skills – ability to adapt critical thinking/analysis – sense of initiative – stress management

LANGUAGE SKILLS

French – Mother language
 English – Fluent
 Ukrainian and Russian – Intermediate

SOFTWARE USED

Office Pack (Word, Excel, Outlook, PowerPoint)	Edrawmind	ECCAIRS
AMASIS	AutoCAD	CASSIOPEE

CENTERS OF INTERESTS

Aviation – Reading – Music – Jogging – Aikido – Travelling