

CURRICULUM VITAE

UHUEGHO KOLE OSARETIN PHD.
Aviation Science

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State of Origin: Edo State Orhionmwon Local Government Area
Date of Birth: 16th March 1962
Place of Birth: Zaria, Sabon Gari Local Government
Nationality: Nigerian
Sex: Male
Marital Status: Widowed
Language: English, Hausa, Yoruba and Bini
Present Salary: CONPCASS 09/9

SCHOOLS ATTENDED-EDUCATIONAL QUALIFICATION

2014 – 2017 Florida Institute of Technology U.S.A
2008 - 2010 City University London
1991 - 1995 Ahmadu Bello University, Zaria.
1987 - 1988 Nigerian College of Aviation Technology, Zaria
1979 - 1985 University of Benin, Benin City

EDUCATIONAL QUALIFICATION

May 2017 Ph.D. Aviation Science. Florida Institute of Technology USA
Feb. 2010 M Sc. Air Safety Management. (City University London)
Nov. 1995 Master of Business Administration (Maintenance Management) Ahmadu Bello University, Zaria.
Sept. 1988 Diploma Aircraft Maintenance Engineering. Airframe and Power plant Nigerian College of Aviation Technology, Zaria.
Jun 1985 Bachelor of Engineering Mechanical Engineering University of Benin, Benin City.

WORKING EXPERIENCE WITH DATES: NIGERIAN COLLEGE OF AVIATION TECHNOLOGY ZARIA

Jan., 2020 to date Head, Airport Emergency Training School
Nov 2001 to date Chief Instructor Aircraft Maintenance Engineering
Nov., 2011 – April, 2015 Head Advance Studies Training Research
Aug 2005 - May 2008 Deputy Rector/Head of Training
May 2004 - Aug 2005 Training Co-ordinator/Head of Training
Dec 2001 - May 2004 Chief Instructor/Head, AME School
Jan 1996 - Dec 2001 Senior Instructor
Jan 1993 - Jan 1996 Instructor I
Nov 1991 - Jan 1993 Instructor II
Sept 89 - Nov 1991 Instructor III
Sept 1987 - Sep 1989 Instructor in Training

HEAD ADVANCE STUDIES AND TRAINING RESEARCH

Coordination and Curricula development for Education Programme in Aviation Studies.
Developing guidance materials and policies towards Advance aviation related studies and aviation Research area.

TRAINING CO-ORDINATOR/DEPUTY RECTOR

The Training Co-ordinator as an adviser to the chief Executive on all training matters. Other duties include:

- i. Establishing procedure to implement policies and directives from the Chief Executive.
- ii. Establishing Schools/Departmental objectives and procedures, formulates programmes for approval of the Chief Executive.
- iii. Keeping track of developments affecting objectives and approved policies of the College and taking initiative in effecting remedial action or required adjustment in consultation with the Chief Executive and subordinate staff if required.
- iv. Representing the Rector/Chief Executive on College Committees, Seminars and important meetings as a delegated specialist in training matters.
- v. Performing instructional duties as well as performing any other duties that might be given to him by the Chief Executive from time to time.
- vi. Assisting the Chief Executive in the general administration of the college, such as:
 - (a) Co-ordinating the training activities of the schools of the college;
 - (b) Co-ordinating and preparing training regulations, curricula, syllabi and time tables;
 - (c) Arranging and administering entrance examination, aptitude and license tests;
 - (d) Specifying the basic and special training equipment and requirement of the various schools in consultation with the Chief Executive;
 - (e) Initiating and co-ordinating research work and new ideas for improving training activities;
 - (f) Organizing school meetings and preparing annual reports;
 - (g) Preparing a statement of expected annual expenses of the various schools in consultation with the Heads of Schools.

HEAD, AME SCHOOL

- (a) Advise the Rector/Chief Executive on policy matters regarding the administration and operation in the Engineering School.
- (b) Co-ordinate the planning, training, personnel licensing, research and development of the school.
- (c) Organise and co-ordinate all training programmes, courses and examinations in the school.
- (d) Oversee the provision and maintenance of all training equipment and training aids.
- (e) Take responsibility for the proper maintenance and control of technical stores in the school.
- (f) Check the currency and effectiveness of instructors and advise on ways to improve them.
- (g) Advise in areas of income generation for the school.

- (h) Prepare annual budget for the school.
- (i) Perform duties as required of chief instructor.
- (j) Any other duties that may be assigned

WORK EXPERIENCE AS AN INSTRUCTOR

Carrying out instructional work, supervising laboratory/workshop exercise and field training preparation of training aids materials. carrying out maintenance, overhaul and repairs of aircraft, engines and airborne equipment to airworthiness standards; maintenance planning; maintenance management, and consultancy.

Fixed Wings Subjects: Aircraft Aerodynamics
Aircraft Systems
Aircraft Maintenance and Servicing
Aircraft Technical for Pilots (CPL and ATPL)
Aircraft Engines (Gas Turbine and Piston Engines)

Rotorcraft Subjects: Helicopter Aerodynamics
Helicopter Structures
Helicopter Systems
Helicopter Control System
Helicopter Transmission System
Helicopter Vibration and Blade balancing
Helicopter Gas Turbine Engines

Management Subjects: Aircraft Maintenance Management
Air Transport Principles
Air Transport Economics
Air Transport Management
Air Transport Planning
Airline Marketing
Engineering Economics
International Negotiation
Human Factor for Aircraft Maintenance Engineers
Aviation Research Methodology
Occupational Health for Maintenance Engineers
Safety Management Systems
Safety Investigation
Predictable and suitable organic growth
Innovation Management
Airport Emergency Procedures.
Airline Operation
Aviation Safety
Aviation Human Factors

PROFESSIONAL QUALIFICATION

Aug 2019	Member, Royal Aeronautical Society. MRAes 3037784
Jun 2013	NCAA Examiner (Gas Turbine Engines and Helicopters) DAME/04/AMEL 18296
Feb 2013	NCAA Instructor Rating
Nov 2012	Certified Aircraft Accident Investigator
Oct 2007	Certified Safety Management System Professional
Feb 2001	Member Nigerian Institute of Management (MNIM 46273)
Jun 2000	Member Nigerian Institution of Engineering Management (MNIEM 0035)
Mar 1996	Fully Registered Engineer, Mechanical Engineering COREN R6472
Feb 1994	Corporate Member Nigerian Society of Engineers No. 06407
Mar 1992	Aircraft Maintenance Engineer's Licence, (No. 1829)

COURSES, WORKSHOPS AND CONFERENCES ATTENDED WITH DATES

i.	Risk Assessment of Airport Emergency Course	-	-	-	-	June 2023
ii.	Ramp Safety & Human Factors Train the Trainer Course	-	-	-	-	June 2022
iii.	Resolution of Safety Issues Course	-	-	-	-	March 2021
iv.	ICAO Training Instructor Course Part II	-	-	-	-	November, 2017
v.	ICAO Training Instructors Course (TPP/TIC II)	-	-	-	-	September, 2017
vi.	ICAO Training Managers Course (TMC)	-	-	-	-	July, 2016
vii.	ICAO Safety Management for Practitioner (SM&P)	-	-	-	-	July, 2016
viii.	Human factors for Accident Investigator at Southern California Safety Institute, USA	-	-	-	-	November, 2012
ix.	Aircraft Accident Investigation course at Southern California Safety Institute, USA	-	-	-	-	October, 2012
x.	Aircraft Maintenance investigation Course at Southern California Safety Institute, USA	-	-	-	-	March, 2012
xi.	Basic Accident Investigation Course, Scandinavian, Aviation	-	-	-	-	2008
xii.	Operational Risk Management Course at Southern California Safety Institute, USA	-	-	-	-	October, 2007
xiii.	Ramp and Maintenance Safety Course at Southern California Safety Institute, USA	-	-	-	-	September, 2007
xiv.	ICAO TRAINAIR Training Managers Workshop Amman, Jordan	-	-	-	-	July, 2007
xv.	ICAO Safety Management System Course Lagos, Nigeria	-	-	-	-	March, 2007
xvi.	24 th Annual International Cabin Safety Symposium Torrance, USA	-	-	-	-	February, 2007
xvii.	Tenth Global TRAINAIR Training Symposium and Conference Bangkok, Thailand	-	-	-	-	October to November, 2006
xviii.	Safety Management System Course by Southern California Safety Institute USA	-	-	-	-	
xix.	Modules covered are:					
	(a) Safety Management System Essential					
	(b) Safety Management System Workshop Human and Organisation Factor in Safety Management System					
	(c) Management System					
	(d) Investigation in Safety Management System	-	-	-	-	Sept-Oct., 2006
xx.	Helicopter Maintenance Course Eurocopter, France	-	-	-	-	Nov.– Dec., 2005
xxi.	Workshop on performance appraisal (WAMDEVIN)	-	-	-	-	Aug.– Sept., 2005

- xxii. Workshop on Repositioning MDI's on their strategic role of assisting government in policy formulation and implementation by West African Management Development Institutes Network (WAMDEVIN), Cameroon - - - - - August, 2005
- xxiii. Air Transport Economics Course NCATO, Cairo Egypt - Sept.- Nov., 2004
- xxiv. Boeing Regional Seminar on Structures, Safety and Pratt and Whitney Engines, - - - - - December, 2003
- xxv. 3rd International Aviation Training Symposium Oklahoma, USA Sept.- Oct., 2003
- xxvi. Emergency Preparedness in the Aviation Industry Workshop May, 2003
- xxvii. Manufacturer Maintenance Course TB-20) (SOCATA TARBES FRANCE) May, 2002
- xxviii. Meeting of Director General of Civil Aviation of Western and Central African State - - - - - March, 2002
- xxix. Regulatory Functions and Requirements Leading to Airworthiness and Operation Approval Workshop. - - April, 2001
- xxx. National Engineering Conference, Engineering Strategies for Poverty Alleviation - - - - - August, 2000
- xxxi. Basic Major Vehicle, Aircraft, Ship Maintenance and Safety Management Workshop - - - - - Nov., 2000
- xxxii. National Engineering Conference, Planning and Management of Public Utilities for Sustainable National Development - - November, 1999
- xxxiii. Beech Baron 58 Technical course (Denmark - - - 1996
- xxxiv. B737 Airframe and Power Plant System Course Ethiopian Airlines (Lagos) 1993
- xxxv. Instructional Skill Development (Kano) - - 1990

FIELD WORK/RESEARCH ACTIVITIES

- i. Resource person National Board for TECHNICAL Education Kaduna (NBTE)
- ii. Resource person - Nigeria Air Force Institute of Technology, Kaduna
- iii. Nigerian Society of Engineers (NSE) Examiner, Mechanical Engineering, Aircraft Engineering and Aeronautical Engineering.
- iv. External examiner National Diploma Aircraft Engineering Technology programmes in 320 Technical Training Ground Nigerian Air Force.
- v. Member of the Committee that developed Postgraduate Diploma in Aeronautical Engineering Programme for COREN.
- vi. Development of Maintenance Programme for a New Type of Aircraft to be introduced into a Fleet.
- vii. Determination of the Best of Aircraft Engine for Training Purposes.
- viii. Investigation of Problems of Corrosion and Control of Aircraft Fuel Tank.
- ix. Investigating the Problem of Leakage of Aircraft Fuel Tank: The Case of Nigerian Training Fleet.
- x. Design of Air Vent System for an Engine Room.

- xi. Design of a Low Speed Mixer for the Industrial Development Centre Small Scale Industrial Programmes.
- xii. Design of Rotary Dryer for the Industrial Development Centre Small Scale Industrial Programme.

RESEARCH / PUBLICATIONS/CONFERENCE OUTPUT

Uhuegho, K.O., Okere, D.C., Joseph, A.M., and Anene, N.H. (2023) Analysis Of Stress Sources, Signs, And Symptoms Among Air Traffic Control Officers In Nigerian Airspace Lagos State University (LASU) JOURNAL OF TRANSPORT and Logistics / VOL.6 NO. 3,May 2023 ISSN 3504-8783 P.160 -173

Okere D.E; Uhuegho K.O and Jeseph A.M (2022) Socio Economic and Demographic Determinant of Job Stress Among Air Traffic Controllers in Selected Nigerian Airports. University of Sokoto Journal of Geography and the Environment Vol.4.

Uhuegho K.O., Bakare K.A., Ajisola A.O., and Akaaba I.I (2022) An Empirical Analysis of the Impact of Service Quality and Safety Perception on Passenger Satisfaction at Nnamdi Azikiwe International Airport, Abuja, Nigeria. Journal of Behavioural Information's, Digital Humanities and Development Research, Vol.8, No.4.

Uhuegho K.O., Bakare K.A., Ajisola A.O., and Akume A.A. (2022) A Review of Literature on Service Quality, Safety Perception, and Customer Satisfaction in the Airline Industry. A Digital Innovations and Contemporary Research in Science, Engineering and Technology, Vol. 10, No. 1.

Okafor E.G., Uhuegho O.K., Manshop C., Jemitola P.O. and Ubadike O.C. (2020) International Journal of Engineering Research in Africa. A Study of Airline Fuel Planning Optimization Using R-GA ISSN 1664 – 4144

Uhuegho K.O.; Disu B.F.; Okafor E.G. and Jibril M.S. (2020) Assessment of the Antecedents of Job Stress and Consequences on Flight Attendants in Nigeria. Nigerian Journal of Logistics and Transport Vol 1, P 93 – 104.

Okafor, E.G; Aturuocha U.E; Uhuegho, K.O; Solladoye M.A. (2019) Development of an Error Detection Instrument for Aircraft Maintenance. International Journal of Engineering Research in Africa. ISSN 1663 – 4144 Vol. 45, Pp 156 -170.

Uhuegho K.O., Daradra S.B, Jibril M.S. and Okafor E.g. (2019) Courses of Failure in Domestic Airlines in Nigeria Aviation Market. Nigerian Journal of Logistics and Transport Volume 1, P.56 – 65

Okafor E.G., Ubadike O.C., Anene N.H., Uhuegho K.O., and Soladoye N.A. (2019) Study of Fleet Assignment Problem using a Hybrid Technique based on Monte Carlo Simulation and Genetic Algorithm. Nigerian Journal of Technology, Volume 38, No.3, July, 2019, P. 756 – 762

Okafor, Buraimoh, Uhuegho and Soladeye (2019) Propensity to Fly in Nigeria: A Forecast of Domestic Air Passenger Traffic Flow in Some Nigerian Airports. Nigerian Journal of Technology Vol. 38 No. 2 April 2019 p. 456 – 464

Uhuegho K.O Examine the Safety Climate of U.S Based Aviation Maintenance, Repair, and Overhaul (MRO) Organizations PhD Dissertation in Aviation Science Melbourne Florida May, 2017

Gallo, Michael & Alhallaf, Hussain & Baran, Selcuk & Cremer, Ismael & Finn, Christopher & Maharaj, Indira & Ozyurek, A. & Peker, Ahmet & Reese, Brian & Tuncman, Isa & Turgut, R. & Uhuegho, Kole. (2015). Inadvertent VFR-into-IMC Flights: A Qualitative Approach to Describing GA Pilots' First-Hand Experiences. *Collegiate Aviation Review International*. 33. 27-52. 10.22488/okstate.18.100503.

Fajemisin P. A., Okafor E.G., Uhuegho K.O.,(2015) Suitability of Low Cost Carrier Business models for the Nigerian Airline Market: A Comparative Analysis: *Asian Journal of Business and Management*

Okafor EG., Uhuegho K.O., Sun Y-C., (2015) Multi-Objective Optimization of an Aircraft Position Indicator and Actuation System (PIAS) using GPSIA+DS: *1st International Conference on Engineering and Applied Sciences Optimization (OPT-i) Island of Kos, Greece, on 4-6 June (2014)* p. 2735-2757

Uhuegho K.O., Olaniyi, T.K. and Nwokocha, F.M. (2014) Effect of economic regulations on domestic airlines in developing countries: a case study of Nigeria, in: *Proceedings of the International Conference of Science, Technology, Education, Arts, Management and the Social Sciences*. Afe Babalola University Ado-Ekiti, Nigeria, pp.275 – 282

Olaniyi, T.K., Yahaya S.T, Uhuegho, K.O. and Bakare, K..A. (2014) Strategic Human Resource Development for aging aircraft maintenance engineers in Nigeria aviation industry, in: *Proceedings of the International Conference on Science, Technology, Education, Arts, Management and the Social Sciences*. Afe Babalola University Ad-Ekiti, Nigeria, pp 309 – 316

Olaniyi, T.K. Uhuegho, K.O. and Anaedevha, M. (2014) Sustainable business model for airline operation in a developing economy: Nigerian case study, in: *Proceedings of the International Conference on Science, Technology, Education, Arts, Management and the Social Sciences*. Afe Babalola University Ad-Ekiti, Nigeria, pp. 167 – 174

Uhuegho O.K., Okafor E.G., Bond S.,(2013) Assessment of safety management system implementation in an approved maintenance organization based on subjective technique: A case study of Nigerian airline operators: *Research Journal of Applied Science and Engineering Technology* p. 3879-3887

Okafor E.G., Uhuegho O.K., Sun Y-C.,(2013) Multi-objective optimization of a complex system using GPSIA+DS: *Research Journal of Applied Science and Engineering Technology* p.4621-4629

Uhuegho K.O. Safety Management System Implementation In An Approved Maintenance Organisation A Case Study Of Nigerian Airline Operators, Msc. Thesis in Air Safety Management City University London, 2010

Uhuegho K.O. Aviation Safety Records and Case Studies of Accidents in Nigeria. Paper Presented at the Nigerian Society of Chemical Engineers Workshop on Health Safety and Environment in Aviation Industry, March, 2003

Uhuegho K.O. Developing and Managing an Effective Health, Safety and Environment (HSE) Policy in the Aviation Industry. Paper Presented at Nigerian Society of Chemical Engineers Workshop on Health Safety and Environment in Aviation Industry. March, 2003

Uhuegho K.O. Maintenance Management Performance Analysis in the Manufacturing Sector. A Case Study of Electricity Meter Company, Nigeria Limited, Zaria MBA Thesis, Ahmadu Bello University, Zaria, 1996

Uhuegho K.O. Training the Aircraft Maintenance Engineer. Report for Nigeria Society of Engineer Professional Interview

Uhuegho K.O. Problems of Corrosion of Aircraft Fuel Tanks. Report Presented to the Nigerian Society of Engineers

Uhuegho K.O. Design and Fabrication of an Equipment to Measure Density and Specific Gravity of Liquid Simultaneously B.Eng. Thesis University of Benin, Benin City, Nigeria, 1985.

REFEREES

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Academic Lead, Engineering, Environment and Sustainability
Glasgow Caledonian University London
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