



Strategic Partners



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Executive summary

The 9th Humanitarian Aviation Campaign in Kenya was held on 3-5 September 2024 at Hotel Panari – Nairobi, Kenya and has been recognized by the Kenyan Civil Aviation Authority and operators in the region as one of the leading humanitarian aviation event to enhance and improve the safety awareness in the region and extend beyond that by highlighting the importance of regional cooperation, measuring and reducing the industry environmental impact among other pressing topics. This year's campaign combined attendee's registration exceeded 240 delegates from CAA, international organizations, operators, and ground handlers, representing 65 aviation entities within Kenya and East Africa.

The campaign extended over the period of three (3) days.

The first day included the campaign seminar which included:

Opening ceremony presented by:

- KCAA-DG-Opening remarks
- WFP – Regional Aviation Safety Office and founder of the campaign
- WFP - Deputy regional director of East Africa
- ICAO – Representative on behalf of the ICAO Regional Director
- Organizing operators remarks by the head of EXCO – Operators.

Technical sessions:

- PWC – Usage of SAF
- WFP-Environmental Policy
- KCAA – Environmental Management System Compliance
- 748 Air Services – EMS Operators Challenges
- SMS For Senior Management

The other two (2) days of the campaign were presented sessions titled:

- Audits-Qualitative and Root Cause Analysis
- Security threat assessments and Response
- Cabin Safety
- Maintenance Best Practices / SAF

The event was highly appreciated by the authorities and the participants, and they were in full support of conducting such campaign to keep on improving aviation safety in the region.

Testimonials

Thank you for organizing this invaluable training

Excellent Campaign

Brief about the campaign activities

This year's Humanitarian Aviation Campaign agenda included a brief opening ceremony, followed directly by the technical sessions.

The opening ceremony included a welcoming speech by the master of ceremony followed by senior delegates speeches.



Mr. Emile Arao the Director General of Kenya Civil Aviation Authority welcomed all to the 9th edition of the campaign, that embodies shared commitment to provide support to the people suffer adversity around the world, he commended the humanitarian operation, and highlighted that it takes great logistics team and people working together to support the humanitarian aviation safely and effectively with all the challenges faced in the field but yet perform the job effectively.

He highlighted that his belief that the main objective is to strengthen the humanitarian aviation and that no community left behind, He underscored that humanitarian aviation is more than just logistics it's about partnership as the success of it relies on collaboration between governments, NGO, private sector partners and communities served.

It's through our collective efforts that the challenges ahead can be overcome. - Emile Arao

Capt. Samir Sajet the Head, Regional Aviation Safety Office, WFP-UAE and founder of the campaign, noted that as we embark on the next chapter of this campaign, asked all to reaffirm our commitment to strengthening our aviation capabilities and deepening our partnerships. He underscored that the challenges we face are significant, but so too is our determination and focus. He persuaded that **together**, we will continue to harness the power of aviation to bring hope, aid, and relief to those in need.



Kenya, with its dynamic aviation sector, stands as a beacon of hope and a hub of possibilities. – Samir Sajet



Ms. Dragica Pajevic – WFP Deputy Regional Director for Eastern Africa highlighted that the primary mission of WFP is to end World Hunger, and in line with this mission one of the primary objectives is to save lives and protect livelihood in emergency and build pathways to peace and prosperity for people recovering from disasters. It is through aviation that WFP and together with many of attending partners are able to deliver humanitarian and life saving assistance especially to the most inaccessible forgotten corners of the world.

No mission is Impossible – Largely thanks to Aviation. - Dragica Pajevic

Mr. Justus Nyunja, ICAO Regional Officer, Aviation Security, representing the regional director Ms. Lucy Mbugua who was not able to attend due to other commitment. Safety is the highest priority of ICAO, by guiding the development of a harmonized safety strategies. ICAO has various programs which highlights ICAO efforts to help implement standards and recommended practices and has significantly contributed to the enhancement of aviation safety standards in the African region.



Collaboration among states industry and all stake holders is needed to address the global high risk categories “ Controlled Flight Into Terrain, Loss of Control Inflight, Mr. Mid Air Collision, Runway Excursion and incursions”. – Lucy Mbugua Ayub



Hussein as the chair of the executive committee of WFP operators-Kenya, he highlighted that the campaign reflects on the collective commitment to enhance the safety, security, and efficiency of humanitarian operations especially when operating into the challenging environment we regularly fly to.

He then briefed the delegates on the upcoming campaign activities and encouraged all to benefit from the technical sessions that were designed to provide practical insight and actional strategies that can be implemented in the daily operation.

Our work is not just about meeting regulatory requirements, it's about upholding the values of safety, responsibility, and care in every aspect of our operations. As together we can make a difference in the lives of whom we serve and set a benchmark for excellence in humanitarian operations.

An appreciation raffle activity followed the speeches, as the winning delegates were offered:

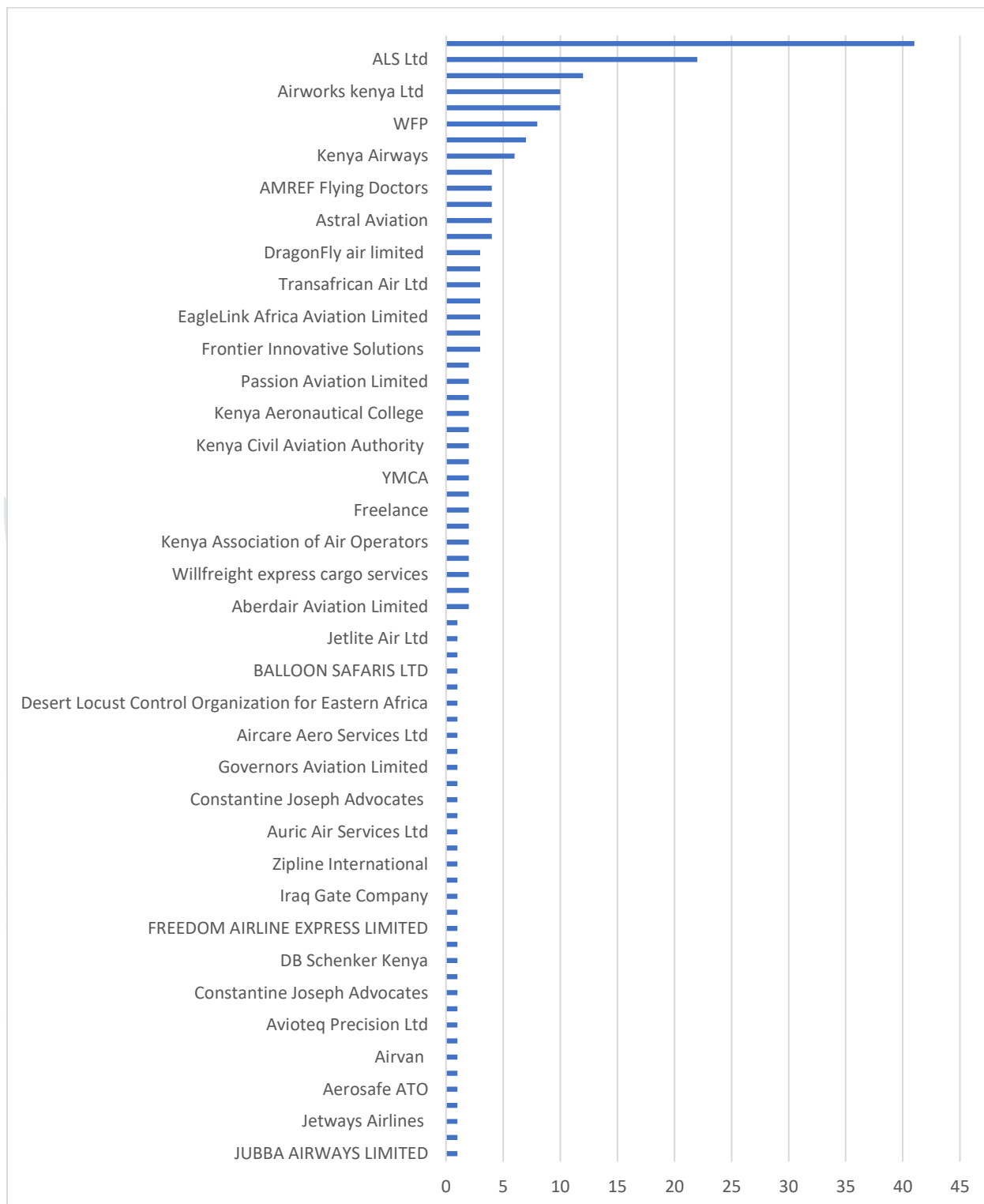
- Two return tickets from Nairobi to Mombasa from Skywards Express
- Two return tickets from Nairobi to Masai Mara from FLY ALS
- Panari Hotel awarded
 - Dinner for two
 - Night at their lodge in Naro Moro
 - Meal voucher

The organizing committee awarded the speakers, presenters, accountable managers, supporting operators and organizations, EXCO members and supporting teams with a customized plaque and thermos cups as a recognition for their contribution and support

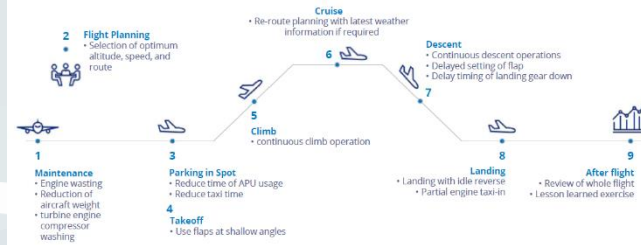


Delegates representation

The campaign was attended by more than 240 delegates representing 45 entities with distribution as per the chart below



He also emphasized on the goal of utilizing Sustainable Aviation Fuel as it can cut the aviation carbon emissions by up to 80% compared to Jet A1, however this desired goal comes with its own challenges such as scalability and cost effectiveness, as well as its production which has indirect environmental impact.



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graph TD
    A[Aero plane Operator] -- "Monitoring in accordance with the Emissions Monitoring Plan" --> B[Monitoring of CO2 emissions throughout the year]
    B --> C[Draft Emissions Report]
    C --> D[Annual Emissions Report]
    D -- "Review of Emissions Report" --> E[State]
    E -- "State approval of the Emissions Monitoring Plan" --> A
    E -- "State Report to ICAO" --> F[ICAO]
    F -- "Verification of the Emissions Report" --> D
    
```

The diagram illustrates the Emissions Monitoring Plan (EMP) process. It involves three main entities: Aero plane Operator, State, and ICAO. The Aero plane Operator monitors CO₂ emissions throughout the year. The State approves the EMP and reviews the Annual Emissions Report. The ICAO receives the State Report and verifies the Emissions Report. The process is circular, involving the Draft Emissions Report, Annual Emissions Report, and Verification of the Emissions Report.

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Embracing environmental sustainability: A 748 air services experience

Mr. George Oduor the environmental manager at 748 Air Services explained that at the company the commitment to environmentally friendly activities comes from the top senior management with dedication and full awareness of the necessary measures which allowed for ISO 14001: 2015 EMS Certification process by SGS. 748 Air Services among the first humanitarian aviation operators to implement environmental management system and set its goals, and developed its manual and hired an accountable manager to ensure effectiveness of actions. He also highlighted that they built their system on the same pillars as WFP EMS (Measure, Reduce and Offset).

They have executed the reduction and offsetting at many levels including planting acres of land and utilizing the crops to be exported to make SAF, as well recycling and reduction of all possible materials.



Mr. George underscored the collaboration with KCAA regarding draft regulations on Environmental Protection; ICAO Annex 16 that will be domesticated upon approval by legislative body in Kenya.

SMS Overview for Management

Mr. Nduati Njama the founder of Aerosafe Consultants with his 40+ experience have enriched the audience with highlights on the management role in safety management and its impact on Safety culture.

He detailed the need to have a systematic approach to manage safety including the necessary organizational structures, accountabilities, policies and procedures.

“An organization without purpose manages people and resources An organization with purpose mobilizes people and resources.” Sherry Hakimi, Fast Company (monthly business magazine)

Audits-Qualitative and Root Cause Analysis

Abubakar Bakari, the ASQ Senior member, Quality Systems Management, highlighted that the simplified definition of an Audit is “Say what we do, Do what we say”

He highlighted the purpose of an audit and the impact of having poor quality ones and categorized the six criteria for a good Corrective Action Plans following proper root cause analysis of “Relevance, Comprehensiveness, Detailed, Specific, Realistic and Consistent”.

He concluded his session with the future of auditing being partially remote and risk based approach, the inclusion of innovative AI and smart technologies, and the integrated management system.



Security threat assessments and Response

Mike Mbithi, Quality, Safety & Aviation Security Manager at Kasas Kenya Ltd, explained what business resilience is, and defined what is the definition of threat and its context in security. He defined vulnerability and ways of assessing it along with risk evaluation and management.

He also explained the importance of preparedness and the characteristics of un-preparedness and its consequences.

Integration



The role of cabin safety in aviation

Ms. Emily Manduku from Kenya CAA, introduced cabin safety and the evolution of a safety – critical role, as well as the improvement of cabin safety due to accident investigations. She highlighted the importance of addressing emerging threats such as cybersecurity, environmental factors, bio security and space tourism. She listed the current mitigation measures and the future of cabin safety training, and detailed inspiring a culture of safety that starts with leadership, safety assurance and having holistic approach.

In conclusion she emphasized on system centric approach to have a reflection on the evolution of cabin safety, the need to have an ongoing adaptation to the new challenges and threats, continued investment in safety research training and leadership to maintain high safety standards, as well as the crucial role of cabin crew and ICAO standards in ensuring a safety future for the global aviation.



THE FUTURE OF CABIN SAFETY TRAINING

Beyond Basic Procedures

- **Advanced Training:** Simulation-based training for complex emergency scenarios; Instructor training
- **Psychological Preparedness:** Equipping cabin crew to manage high-stress situations.
- **Competency-based Training:** ICAO Doc 10002
- **Continuous Learning:** Regular updates to training programs to address emerging threats and new technologies.

PWC Field visit to hanger

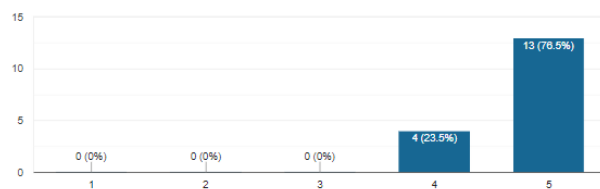
Delegates were encouraged to attend a live session – Customer connect event at the hanger to show case PT6A engine and maintenance best practices presented by Pratt & Whitney Canada team members.



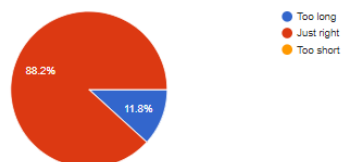


Campaign Feedback

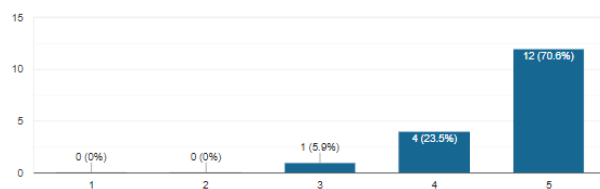
How would you rate the overall quality of the campaign?



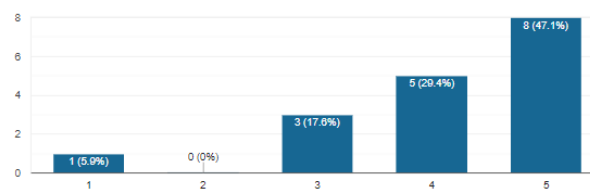
How would you rate the sessions length?



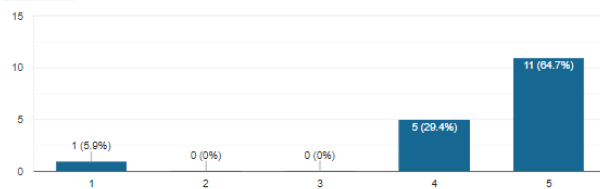
How would you rate the campaign quality of the speakers?



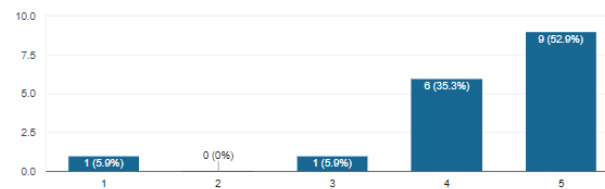
Were the sessions interactive enough?



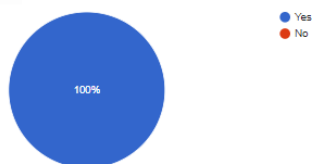
Were the sessions learning objectives met?



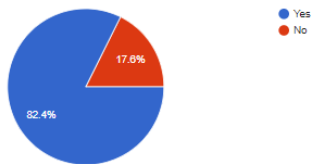
How would you rate the campaign venue?



Would you like to attend other WFP Aviation Safety Unit (ASU) organized events?



Would you like to support WFP ASU organized events? If yes please include your email address



Topics proposed to be discussed in the next campaign:

- Setting Safety Performance Indicators and Targets
- Emergency Response Preparedness & Plan Drill and Documentation
- Implementing flight management program without FDM analysis
- Technical support for aircraft operators while in insecure territories.
- Maintenance responsibilities and oversight
- Ways of implementing competency-based training.
- Audit Techniques
- Safety Management System
- Role of Artificial Intelligence - AI in aviation
- Importance of loaders in aviation
- Sustainable financial models for long-term humanitarian aviation support.



Great Job keep it up.

It was wonderful. Invite me next year

The campaign was great

Very informative and interactive.



Challenges

Throughout the organization of the event various challenges were faced such as:

- Availability of speakers
- Budget constraints

Conclusion

This year's safety campaign with its usual modality revealed the great appreciation by the relative stakeholders (Governmental entities, CAAs, organizations, consultants, and operators) for such events and safety promotion activities, this was not just through the feedback collected but rather the interactive sessions and engagement from the audience.

