

ISSN 0856 - 7697

ISSUE NO. 59 | JUL - DEC. 2023

TCAA Bulletin



**The Inseparable
Bond Between
Aviation and
Tourism**

**Meteorological
Information In Aviation**
Ensuring Safe and
Smooth Air Travel

**TCAA Marks
Twenty Years
Annivesary**

www.tcaa.go.tz



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- Yessaya Captain Mwakifulefule
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A word from Director General TCAA



In the remarkable year 2023, Tanzania, under the steadfast leadership of Her Excellency President Samia Suluhu Hassan, witnessed substantial advancements in the Civil Aviation Sector. Concurrently, celebrating the 20th anniversary, TCAA has successfully maintained its regulatory role, ensuring the growth of the aviation industry. Numerous activities have unfolded, contributing to this progress.

Amidst the ongoing recovery of air transport services from the severe impact of the COVID-19 pandemic, a significant milestone was reached as Tanzania and Russia signed a Memorandum of Understanding (MoU). This acknowledgment recognized that previous agreements had been affected by unforeseen events, particularly the COVID-19 outbreak.

In another groundbreaking development, TCAA is currently executing a 31.5 billion TZS project aimed at upgrading the Voice Communication System between pilots, specifically the VHF Radio Communication Systems. The goal is to enhance the Air Navigation Service in the airspace of the United Republic of Tanzania, thereby improving communication within the

region.

Furthermore, on November 01, 2023, the International Civil Aviation Organization (ICAO) project aimed at strengthening and controlling aviation, funded by the Government of the People's Republic of China with an approximate cost of One Million Dollars, successfully concluded.

In addition to these key updates, this issue features compelling articles, including valuable insights on considerations before purchasing your first drone. Additionally, you'll find guidance on maintaining a positive mindset and motivating others in the workplace.

All these captivating insights align seamlessly with the TCAA motto: **Aviation Safety and Security. Our Commitment. In Partnership.**

With this, we extend our warmest wishes for a pleasant reading experience. Thank you for joining us on this exciting journey through the TCAA Bulletin.

Hamza S. Johari
Director General

Greetings and a warm welcome!

We are delighted to present yet another edition of the TCAA Bulletin, covering the dynamic period from July to December 2023.

Join us as we embark on the journey through TCAA Bulletin Issue No.59, exclusively dedicated to unfolding the noteworthy events that transpired within the airspace of Tanzania over the past six months.



TCAA Marks Twenty Years Anniversary

The Prime Minister of Tanzania Hon. Kassim Majaliwa Kassim (Mb) pressing a button as a sign of launching a program to raise more women in the aviation industry (Women in Aviation) when he was an official guest at the 20th anniversary of the Tanzania Civil Aviation Authority (TCAA). To the left of Hon. Prime Minister is the Minister of Transport Prof. Makame Mbarawa and other TCAA leaders

The Tanzania Civil Aviation Authority (TCAA) was officially established on November 1, 2003, through the Tanzania Civil Aviation Act Cap 80 of 2003, subject to periodic revisions. The primary objective behind its establishment was to create an independent regulatory body with the authority to oversee air transport activities and air navigation services.

Moreover, the formation of the Authority aimed to empower market forces to manage air transport operations in alignment with national, regional, and international standards. As an institution

within the Union, it operates across all regions.

In 2023, the Authority proudly commemorated two decades since its inception, celebrating the milestone under the banner “ *Two Decades of Excellence in the Aviation Industry.* ”

Currently, the Authority provides crucial flight guidance services at 15 airports, strategically located in Dar es Salaam, Bukoba, Arusha, Dodoma, Kigoma, Kilimanjaro, Tabora, Mwanza, Mtwara, Zanzibar, Pemba, Songea, Songwe, Iringa, and Tanga.

Over the past 20 years, TCAA has achieved significant milestones in the aviation industry. Ongoing government efforts to bolster aviation have resulted in a substantial increase in both passengers and cargo transported domestically and internationally. Passenger numbers surged from 1,662,452 in 2003 to 4,614,380 in 2023, representing a remarkable 177.5% growth.

Similarly, cargo volume increased from 33,255 tons in 2003 to 55,806.20 tons in 2023, marking a notable 68.7% rise. Recent years have witnessed transformative changes in the sector, thanks to the government's commitment to fostering air transport as a catalyst for broader economic growth in sectors such as tourism, agriculture, mining, health, and business. The government's acquisition of passenger and cargo planes has enabled the ATCL Corporation to expand its transportation network both domestically and internationally.



Notably, Her Excellency, President of the United Republic of Tanzania, Dr. Samia Suluhu Hassan, has played a pivotal role in promoting the country and its attractions through initiatives like the film *"Royal Tour."* This strategic promotion has resulted in the continued opening of Tanzanian skies, attracting various international airlines, including Saudia Airlines, Air France, Edelweiss, and Eurowings Discovery.

The influx of private planes, particularly those bringing tourists, has further catalyzed economic growth across various sectors.

In essence, the collective efforts of the Tanzanian government and TCAA have not only elevated the aviation industry but have also positioned the country as an attractive destination, fostering economic prosperity through diverse sectors.





TCAA's Green Initiative: Tree Planting at Kiwanja Cha Ndege Primary School

The outgoing Chairman of the Board of Directors of the Tanzania Civil Aviation Authority (TCAA), Prof. Longinus Rutasitara, led the TCAA Board and Management in planting 300 trees at Kiwanja cha Ndege Primary School in Area C, Dodoma. This initiative is part of ongoing efforts to enhance Dodoma's greenery.

Prof. Rutasitara expressed gratitude to the school's management for hosting the tree-planting event and pledged to maintain a strong partnership between TCAA and





Kiwanja cha Ndege Primary School. He emphasized the significance of the day in fostering relationships and enhancing the learning environment for students.

Director General of TCAA, Mr. Hamza Johari, extended appreciation to the Tanzania Forestry Agency (TFS) for collaborating with TCAA to ensure the timely availability of all 300 trees for the school. Mr. Johari encouraged students to excel academically, inspiring them to pursue careers in the aviation industry upon graduation. This tree-planting initiative serves as part

of TCAA's Corporate Social Responsibility (CSR) to the local community, given Kiwanja cha Ndege Primary School's proximity to the Civil Aviation Authority station at Dodoma Airport.

Beyond the school activity, the TCAA Board of Directors engaged in various endeavors, including tree planting around the Authority's area, especially where temporary offices are expected to be constructed in Dodoma. They also visited the site for the Msalato International Airport construction project.



Successful Bilateral Negotiation: Tanzanian and Russian Air Services Experts Forge Effective Collaboration

Amidst the ongoing recovery of air transport services from the severe impact of the COVID-19 pandemic, a significant milestone has been achieved in revitalizing the aviation industry. Notably, a successful bilateral meeting recently took place in Moscow between experts from the Governments of the United Republic of Tanzania and the Russian Federation.

The primary objective of this crucial meeting was to negotiate a new Bilateral Air Services Agreement (BASA) between Tanzania and Russia, recognizing the disruptions caused by unforeseen events, particularly the

COVID-19 outbreak.

The negotiations resulted in substantial improvements to the current BASA, with key enhancements including expanded points of entry. Tanzanian designated airlines now have three entry points in Russia—Moscow, St. Petersburg, and Yekaterinburg, a significant upgrade from the previous BASA, which permitted access only to Moscow. Similarly, for Russian designated airlines, the entry points in Tanzania have been expanded to include Zanzibar and Kilimanjaro, in addition to Dar es Salaam, as agreed upon in the existing BASA.



Furthermore, the negotiations introduced Code Sharing Provisions, acknowledging the significance of cooperation among airlines in the modern aviation industry. Code sharing, crucial for maximizing airline yields, has now been incorporated into the agreement, facilitating better business strategies for the airlines.

Additionally, the negotiations encompassed discussions on Freedom Traffic Rights, recognizing the need for modern airlines to extend freedoms beyond the traditional third and fourth. Under the new agreement, designated airlines from both countries may exercise fifth freedom traffic rights, flying to a third country with this traffic right, subject to mutual agreement by the aeronautical authorities.

Despite occasional misunderstandings, the discussions between the expert teams were held in a cordial environment. Intense debate arose on the requirement for

filing fares by designated airlines for approval before commencing operations. While Russia proposed this, Tanzania expressed that setting fares in today's liberalized business world is impracticable. A middle ground was eventually reached on this matter.

The successful negotiations concluded with the signing of a Memorandum of Understanding (MoU) by the Heads of Delegation from both parties. The final signing of the BASA is pending completion of necessary institutional procedures by both Governments.

Led by Mr. Biseko Chiganga from the Ministry of Works and Transport, the Tanzanian delegation comprised experts from various government bodies and aviation authorities. This collaborative effort has laid the foundation for an enhanced and mutually beneficial air services agreement, fostering increased connectivity and

opportunities for the growth of the aviation industry in the post-pandemic world.





TCAA Director General Conducts Inspection of Control Tower Renovation at Mtwara Airport.

Mr. Hamza Johari, Director General of the Tanzania Civil Aviation Authority (TCAA), Leads Joint Inspection with Tanzania Building Agency (TBA) for Ongoing Control Tower Improvement Project at Mtwara Airport.



President Samia Inspects Ongoing Improvements at Mtwara Airport.

President Samia Suluhu, the esteemed leader of the United Republic of Tanzania, shares a lighthearted moment with Mr. Hamza Johari, Director General of TCAA, upon her arrival at Mtwara Airport to inspect the ongoing refurbishment project.



Deputy Secretary General Possi Commends ICAO for Successfully Concluding The Aviation Strengthening and Control Project

■ By Dickson Mulashani

In a working session held at Mlimani City Hall in Dar es Salaam, Dr. Ali Possi, representing the Minister of Transport Prof. Makame Mbarawa, conveyed heartfelt thanks to the International Civil Aviation Organization (ICAO) for successfully concluding a project aimed at enhancing and controlling aviation. The project, funded by the Government of the People's Republic of China with an approximate cost of One Million Dollars, received praise from Dr. Possi for its timely and effective implementation under the auspices of the Tanzania Civil Aviation Authority (TCAA).

The Government of the United Republic of Tanzania, through TCAA, ensured the project was executed within the planned timeline and at the required standards. This accomplishment assures that the Civil Aviation sector in the country will continue to thrive," added Dr. Possi.

Hon. Chen Mingjian, the Chinese Ambassador in Tanzania, expressed satisfaction with the project's implementation steps and highlighted the strong relationship between Tanzania and China, coupled with Tanzania's efforts

through TCAA. He noted that this collaboration serves as a catalyst for China's contributions to enhancing infrastructure in Tanzania's transport sector, particularly in the realm of aviation.

Ms. Lucy Mbugua, Director of the International Civil Aviation Organization (ICAO) Eastern and Southern Africa Region, congratulated TCAA for its commendable work, making Tanzania one of the few countries to benefit from this project. She emphasized the belief that the government's promotion of the aviation sector, coupled with the timely implementation of the project, aligns well for its success.

Providing preliminary information, TCAA Director General Mr. Hamza Johari stated that since the project's official launch on January 14, 2022, significant progress has been made, with over 95 percent completion. He expressed gratitude for ICAO's efforts in promoting and strengthening this crucial sector for the economy and security of the nation. Mr. Johari reiterated the commitment to follow the set guidelines to ensure the continued safety of Tanzania's airspace.





Deputy Secretary General of the Ministry of Transport Dr. Ally S. Possi speaking and expressing gratitude to the International Civil Aviation Organization (ICAO) for completing the project to strengthen and control Aviation which was funded by the Government of the People's Republic of China and cost approximately One Million Dollars in the working session to conclude the project held at Mlimani City Hall in Dar es Salaam.



TCAA Receives Second Runner-Up Recognition In **The Best Public Sector Employer Award 2023.**

The Tanzania Civil Aviation Authority (TCAA) has achieved a notable feat by clinching the third position in the 2023 Best Employer Awards, specifically earning the prestigious title of the Best Public Sector Employer. The awards, organized by the Tanzania Employers Institute (ATE), were conferred on December 04 at Mlimani City in Dar es Salaam. Notably, out of over 1500 companies expressing interest in participating, only 91 met the criteria and advanced to the final stage of the competition.

Expressing gratitude upon receiving

the award, Mr. Hamza Johari, Director General of TCAA, highlighted the victory as a catalyst to fortify existing systems and enhance efficiency in the coming year.

The ceremony saw the presence of Prof. Joyce Ndalichako, Minister of State, Prime Minister's Office, Work, Youth, Employment, and Disabled, who represented Prime Minister Hon. Kassim Majaliwa as the official guest. The recognition underscores TCAA's commitment to excellence and exemplary practices in the public sector employment landscape.

TCAA Earns Prestigious Recognition as Ilala Tax Region's Top Taxpayer.

On December 21, in a brief yet significant ceremony, the Tanzania Civil Aviation Authority (TCAA) was acknowledged and presented with the esteemed title of the Best Taxpayer in the Ilala Tax Region. The event took place at the Julius Nyerere International Conference Hall in Dar es Salaam, where the Director of TCAA Authority Services, Mr. Theophory Mbilinyi, graciously accepted the accolade.

Expressing his gratitude immediately after receiving the award, Mr. Mbilinyi highlighted the significance of the recognition for the Civil Aviation Authority, emphasizing its role in motivating and enhancing their overall

performance.

“As the regulator of the air transport sector, TCAA bears a tremendous responsibility to ensure that our activities contribute to the economic growth of our nation. Tax payment stands as our top priority, and this award serves as a testament to our commitment. It continues to inspire us to excel in our performance,” stated Mr. Mbilinyi.

For the second consecutive year, the Tanzania Revenue Authority (TRA) has acknowledged and awarded TCAA for its outstanding efforts in tax matters within the Ilala tax region.



TCAA Staff Council Commended for Outstanding Performance.

Mr. Hamza Johari, the Director General of the Tanzania Civil Aviation Authority (TCAA), extended heartfelt congratulations to the dedicated members of the TCAA staff council. Recognizing their continued commitment to fostering a highly productive council, he commended their significant decisions aimed at enhancing services and advancing the aviation industry in the country.

Mr. Johari conveyed these sentiments during the inauguration of the TCAA staff council on November 23, 2023, held at the Banana Authority headquarters in Dar es Salaam. Praising the council members for actively advocating for

the institution's interests and presenting compelling arguments that inspire effective management, he emphasized the crucial role of council meetings in fortifying workplace democracy. Mr. Johari urged council members to contribute positively to their colleagues.

Mrs. Sara Rwezaula, the Secretary of the Dar es Salaam Region Workers Union (TUGHE), conveyed greetings and lauded the collaborative leadership of the Tanzania Civil Aviation Authority. She acknowledged the Authority's inclusive approach, making every employee feel integral to the organization and thereby boosting workplace morale.

Providing an overview, Mr. Mweya Didacus, the Secretary of the Council, highlighted that this marks the sixth session of the Council. Its primary responsibility is to present a comprehensive review of discussions and resolutions from the previous session held in April.

As part of the meeting, council members underwent training on the Ethics of Public Service. Mr. Silvanus Njenga, an Officer from the Office of the President Secretariat of the Ethics of Public Leaders, presented insights on the topic, enriching the members with valuable knowledge.





Director General of TCAA Hamza S. Johari and the management of TCAA getting information about the Voice Communication System between the Pilot and the Pilot i.e. VHF Radio Communication Systems that arrived at the Port of Dar es Salaam in September to improve the Guidance service Aircraft in the Airspace of the United Republic of Tanzania

TCAA Advances Air Navigation Service With State-of-the-Art Communication System Project

■ By Dickson Mulashani

The Tanzania Civil Aviation Authority (TCAA) is currently executing a strategic project aimed at decommissioning the Voice Communication System utilized between pilots, known as the VHF Radio Communication Systems. This initiative seeks to enhance the Air Navigation Service within the airspace of the United Republic of Tanzania, ultimately improving communication throughout the country's airspace.

During the reception of the equipment, Hamza S. Johari, the Director General of TCAA, expressed the significance of the project, which has received funding from the Central Government amounting to 31.5 billion Tanzanian funds. TCAA meticulously formulated the project specifications and initiated a competitive bidding process, resulting in Norway-based company Jotron AS

winning the tender in June 2022 and subsequently entering into a contract.

Johari announced, *"I am pleased to inform you that all the equipment has arrived at the port of Dar es Salaam, transported in 10 containers measuring 40 feet each, originating from Milan, Italy, and Oslo, Norway."*

Highlighting the distribution plan, Johari outlined that the machines would be installed in twelve airports across the country, including prominent ones like Julius Nyerere International Airport (JNIA), Kilimanjaro International Airport (KIA), and Abeid Amani Karume International (AAKIA). Additionally, the project will involve the closure of plants in eighteen stations nationwide, expanding and enhancing voice communication capabilities.

The received devices in Dar es Salaam comprise High-Frequency Digital Radios (VHF Digital Radios), Digital Voice Recording Systems, and Voice Switching Systems (VCCS). The comprehensive deployment is expected to span four months, with the official launch scheduled for April 2024. Once operational, these systems will play a vital role in providing improved air communication services across the Republic of Tanzania.

Furthermore, Johari emphasized that the devices will be stored at critical emergency centers, including the Dar backup center for aerodrome and approach control at Mwalimu Julius Nyerere International Airport (JNIA) and the emergency station for air communication (Area Control Center) at Mwanza Airport.

Navigate The Skies Smartly: 7 Crucial Factors To Consider Before Purchasing Your First Drone

■ By Dickson Mulashani



As the drone revolution soars to new heights, the surge in popularity among consumers is undeniable. These aerial marvels, once confined to niche interests, now offer a gateway to a world of possibilities for drone pilots. From capturing jaw-dropping photos to embarking on daring search and rescue missions, the realm of drone technology is as vast as the skies themselves.

Here's your flight plan before you take off into the drone-scape:

1 Diverse Drone Delights

Before choosing your drone companion, dive into the drone dictionary. Each type of drone is like a unique character, catering to different passions—whether it's casual recreation, professional surveying, or cinematic filming. Match the drone's talents with your mission, ensuring it's your perfect co-pilot.

2 Features Fiesta

Your drone is not just a flying machine; it's a techno-wonder! Delve into the feature playground, exploring everything from the superhero material it's made of to the camera specs that capture the magic. Remember, it's not just a purchase; it's assembling your superhero team.

Material Mastery:

Is your drone donning a durable ABS plastic cape, or is it in a more standard plastic ensemble?

Range Riddles:

How far can your drone spread its wings? A short hop or an epic journey, choose your adventurer wisely!

Flying Time Fantasia:

Your drone's battery is its power-up. More flying time means more epic adventures. Pack those extra batteries for an extended drone saga!

Camera Chronicles:

Every superhero needs a sidekick, and your drone's sidekick is its camera. Check those specs to ensure you're capturing the world in all its glory

3 Costume Change Considerations

Beyond the initial drone cost, embrace the world of accessories. Think of them as your drone's wardrobe—extra batteries, memory cards, lens filters, and more. Your drone deserves to accessorize!

4 Sky Shopping Savvy

The drone marketplace is like a bustling metropolis. Be the discerning shopper; watch out for imposter sellers. With the TCAA's

watchful eye, ensure your drone dealer is a trusted citizen in the world of sky shopping.

5 Skydance with Rules

Every dance has its steps, and so does drone piloting. Local regulations and TCAA's guiding lights should be your choreography. Stay in rhythm with the rules, keeping the skies safe for everyone.

6 Crash Course in Flying

Even superheroes have

crash landings. Minimize your drone's superhero tumbles with proper training. The Civil Aviation Training Centre offers a four-week crash course (pun intended) in drone piloting. Be the superhero in control!

7 Sensors Unleashed

Peel back the curtain on your drone's magic - its sensors. These are the enchantments that make drones beginner-friendly. Get to know them like a wizard knows spells to prevent costly magical misfires.

Ready to launch?

Remember, with great drones come great responsibilities. Follow the guidelines, obtain your permits, and let the drone adventure begin! Maximize the potential of your aerial exploits with informed decisions and safe flying practices.



Simplifying and Elevating Workplace Motivation: Smart Strategies For Success

■ By Dickson Mulashani

If I were a superhero, my ultimate power would be the ability to motivate everyone around me. Consider the countless problems we could solve by inspiring people towards their goals.

In the course of my work duties, I have been fortunate to attend several 'Culture Change' workshops. Each time, I learn to see life from a different perspective. While facilitators may be the same, each session decodes the message in a unique way, motivating me to pen down these thoughts.

I've come to understand that sometimes we neglect socializing and being a positive force in the circle of life by hesitating to extend our hands and touch the hearts of those around us in a positive way to keep them moving.

Imagine a world where you wouldn't be frustrated by lazy co-workers, where you wouldn't be upset with your partner for wasting the weekend in front of the TV. Moreover, the more people around you are motivated toward their dreams, the more you can capitalize on their successes.

The ability to motivate people is crucial for success at work, at home, and in the future because no one can achieve anything alone. We all need the help of others.

So, here are seven ways you can motivate others:

Listen

Most people start trying to motivate someone by giving them a lengthy speech. However, this rarely works because motivation has to start within others. The best way to motivate is by listening to what they want to do. Find out their goals and dreams.

Some of those around you might be facing challenges at work or home, and all they need is someone to talk to so they can clear the fog within them. Be their ear.

Ask Open - ended Questions

Open-ended questions are the best way to figure out someone's dreams. If you can't think of anything to

ask, start with, "What have you always wanted to do?" or "Why do you want to do that?"

Encourage

This is the most important step because starting a dream is scary. Many are afraid they will fail or look foolish, and they never try to reach their goals. This is where you come in. Encourage them. Say things like, "I think you will be great at that" or "Your skills in X will help you succeed."

For example, if you have a friend who wants to own a grocery, say, "You are great with selling; I think you will be excellent at running a mini-grocery."

Ask about the First Step

After encouraging them, find out how they will start. If they don't know, you can make suggestions, but it's better to let the person figure out the first step themselves so they can be committed to the process.

▶ Dream

This is the most enjoyable step because you can dream about success. Say things like, “Wouldn’t it be cool if your business took off, and you didn’t have to work at that job you hate?” By allowing others to dream, you solidify the motivation in place and connect their dreams to a future reality.

▶ Ask How You Can Help

Most of the time, others won’t need anything from you, but it’s always good to offer. Just letting the

person know you’re there will help motivate them to start. And, who knows, maybe your skills can help.

▶ Follow Up

Periodically, over the course of the next year, ask them how their goal is going. This way you can find out what progress has been made. You may need to do the seven steps again, or they may need motivation in another area of their life.

By following these seven steps, you’ll encourage the people around you to achieve their dreams and

goals. In return, you’ll be more passionate about reaching your goals, surrounded by successful people, and others will want to help you reach your dreams. Oh, and you’ll become a motivational superhero. Time to get a cape!

My take: Whenever you get an opportunity to stretch a hand and touch someone’s life, do it as if it’s the last thing you could be doing on earth because nothing is more blessing than investing in someone else’s joy and happiness.



The Inseparable Bond Between Aviation and Tourism

■ By Rashid Mngoya

Aviation is indispensable for tourism, a major engine of economic growth, particularly in many emerging economies. According to International Air Transport Association (IATA), globally, 54% of international tourists travel by air. Aviation spurs innovation by facilitating the exchange of goods, services, knowledge and ideas. It widens markets and provides greater access to international capital, human resources and investment.

This mutual reliance runs deep: tourism depends on air transport to attract visitors, and the aviation sector thrives on the demand generated by tourism. The surge in air travelers has wide-ranging impacts, sparking investments in hotels, creating opportunities for local services, and contributing to economic growth through job creation, heightened tourism spending, and real estate development.

Air transportation, a fundamental element of the hospitality industry, plays a role that extends beyond linking tourists with destinations; it transforms the broader tourism experience. In this ever-evolving landscape, technological advancements, sustainability initiatives, and post-pandemic resilience underscore the enduring strength of this inseparable bond. The reciprocal influence between air transport and tourism not only shapes the movement of people but also drives economic development, enhancing the overall travel experience for global citizens.

Without airlines some continents, many countries, regions, and islands would have remained inaccessible for most of us and even established destinations would have had far fewer tourists or in many cases no tourists at all.



Factors Influencing Dependency Between Air Travel and Tourism in Tanzania

The relationship between air travel and tourism in Tanzania is crucial for the growth and development of both sectors. Here's a closer look at how these interdependent factors contribute to the overall expansion of air travel and tourism in the region:

➤ Seasonal Peaks

During these seasonal peaks, there is a surge in tourist demand, necessitating increased air travel to accommodate the influx of visitors. Airlines respond by adjusting schedules, adding flights, and optimizing routes to cater to the heightened demand during these periods. The best season to visit Tanzania is during the long dry season, which falls June to October. These are considered the best months for safaris, the Great Migration, trekking, and beach holidays in Zanzibar.

➤ Royal Tour Documentary

The President launched the Royal Tour Film on April 22 2022, with the aim of showcasing Tanzania's unique attractions in the global tourism market to attract more visitors and investments in the country. The documentary has had a ripple effect in the tourism sector with recent statistics by the National Bureau of Statistics (NBS) showing a sharp rise of tourists to 1,175,697 visitors between January and October, compared to 716,741 during the corresponding period 2021.

➤ Tourist Destination Demand

The popularity of specific tourist destinations within Tanzania, such as Zanzibar and Kilimanjaro, drives overall tourism demand. These destinations are known for their unique cultural, natural, and historical attractions. Airlines play a crucial role in meeting the demand for travel to these sought-after destinations. The availability

of convenient and accessible air travel options to these locations enhances the overall tourism experience, fostering a synergies relationship between the air transport sector and tourism. These corridors are so busy with multiple flights.

airlines operating scheduled flights to our international airports of KIA, AAKIA and JNIA. Among of the notable airlines are Emirates (EK), Turkish Air (TK), Fly Dubai (FZ), Qatar Airways(QR), Ethiopian Airline(ET), Oman Air(WY), KLM Air Lines (KL), Kenya Airways(KQ), EGYPT



➤ Tanzania Civil Aviation Contribution

Tanzania's civil aviation efforts, including bilateral agreements with 85 states and the issuance of Air Service Licenses, are strategically aligned with tourism goals. These initiatives foster international connectivity, stimulate the presence of global airlines, diversify air routes, promote economic activities, and streamline tourist transfers within the country. The supportive aviation environment positions Tanzania to sustain and advance its tourism industry, showcasing a commitment to accessible and efficient travel on a global scale.

There are many foreign

AIR (MS), Saudia Airline (SV), AIR FRANCE (AF), Euro Wings (4Y), Edelweiss Air (WK), Condor Air (DE). These airlines connect our country with various hub-and-spoke networks, the main reasons coming to Tanzania is because of tourism destination.

Apart from scheduled airlines, TCAA grant seasonal charter flying to Zanzibar and Kilimanjaro. These charter flight bring multiple visitors daily, among of big airlines operating seasonal charter are NEOS S.P.A from Italy, SkyUp Airlines from Ukraine, Fly Lili from Romania, Enter Air SP. Z.O.O and LOT POLISH airlines both from Poland, Smartwings Airline from Czech Republic and Israil Airlines Ltd from Tel Aviv.

Strategies that can contribute to the improvement of these sectors



Marketing and Promotion

Implement effective destination marketing campaigns to attract tourists, utilize digital marketing strategies to reach a broader audience and showcase unique attractions.

Collaboration and Partnerships

Foster collaboration between government agencies, airlines, hotels, and local businesses to create a seamless and integrated travel experience. Establish partnerships with other countries to facilitate easier visa processes and promote international tourism.

Digital Innovation

Implement advanced technology solutions for smoother travel experiences, such as self-check-in kiosks, mobile boarding passes, and automated baggage systems. Develop user-friendly apps to provide real-time information on flights, delays, and other relevant updates.

Customer Experience Enhancement

Focus on improving the overall customer experience, including in-

flight services, airport amenities, and ease of travel. Collect and analyze customer feedback to identify areas for improvement and address concerns promptly.

Infrastructure Development

Invest in modernizing and expanding airport facilities to accommodate more passengers and improve overall efficiency. Upgrade transportation infrastructure such as roads and public transportation to and from airports.

Collaboration between the Tanzania Civil Aviation Authority (TCAA), government agencies, airlines, hotels, and local businesses is crucial to create a seamless travel experience. The growth of the tourism sector, upon which a significant portion of revenue depends, is directly tied to the efficiency of the overall tourism industry. By fostering partnerships and enhancing the travel experience, TCAA can attract more travelers, leading to increased revenue and contributing to the overall prosperity of the country.



Significant Influence of Meteorological Information In Aviation: Ensuring Safe and Smooth Air Travel

■ By Maureen Swai

Meteorological information plays a critical role in aviation operations, ensuring the safety, efficiency, and effectiveness of flights. Pilots, air traffic controllers, and aviation stakeholders heavily rely on accurate and up-to-date meteorological data to make informed decisions, plan routes, and mitigate potential risks

Several kinds of meteorological information are provided to pilots, air traffic controllers, and aviation stakeholders, from time to time to help them make informed decisions and ensure the safety and efficiency of flight operations. The meteorological information includes:

Weather Forecasts ▲

Terminal Aerodrome Forecast (TAF):

TAF provides a concise forecast for specific airports, detailing expected weather conditions, including wind, visibility, cloud cover, and significant weather phenomena, over a 24 to 30-hour period.

Area Forecast (FA):

An area forecast provides a broader overview of expected weather conditions within a specified geographical area, including information on fronts, cloud cover, and general weather patterns.

Current Weather Observations ▲

Meteorological Aerodrome Report (METAR):

METAR reports provide current weather observations at a specific airport, including information on temperature, dew point, wind speed and direction, visibility, and weather phenomena such as rain, snow, fog, or thunderstorms.

Aviation Routine Weather Report (SPECI):

SPECI reports provide updates to METARs when significant changes in weather conditions occur between routine reporting times.

SIGMETs and AIRMETs ▲

Significant Meteorological Information (SIGMET):

SIGMETs provide information on significant weather phenomena that may affect the safety of aircraft operations, including severe turbulence, severe icing, volcanic ash, and widespread dust storms.

Airmen's Meteorological Information (AIRMET):

AIRMETs provide information on weather phenomena that may affect the safety of low-level aircraft operations, including moderate turbulence, moderate icing, and instrument flight rules (IFR) conditions.

Wind and Temperature Aloft Forecasts

Wind and Temperature Aloft Forecasts provide information on wind speed and direction, as well as temperature at various altitudes, assisting pilots in flight planning and fuel management.

Weather Radar and Satellite Imagery

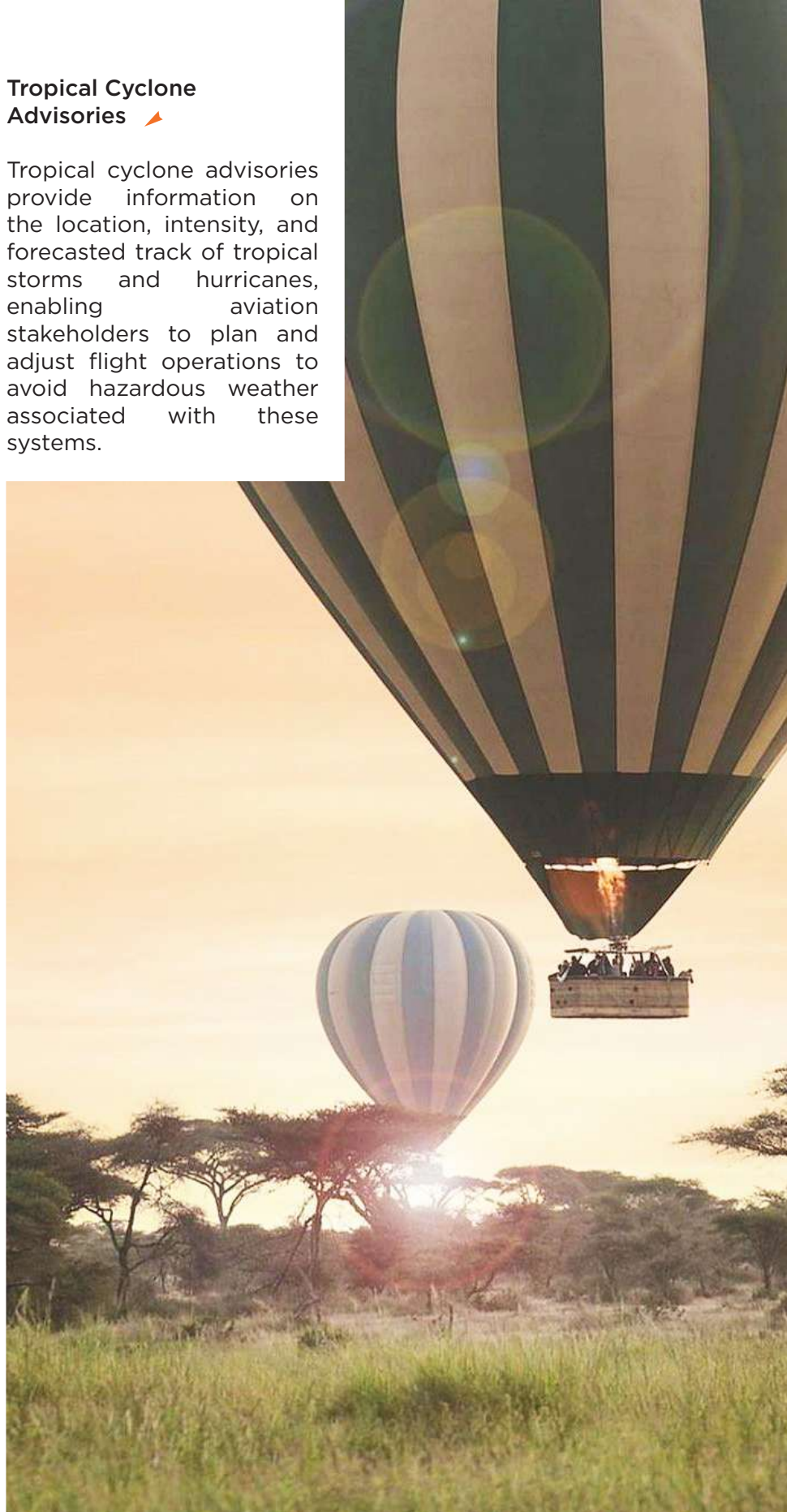
Weather radar and satellite imagery provide real-time and near-real-time visualizations of weather patterns, including precipitation, cloud cover, and severe weather systems, enabling pilots and air traffic controllers to monitor and anticipate weather changes.

Volcanic Ash Advisories (VAAs)

VAAs provide information on the location and movement of volcanic ash clouds resulting from volcanic eruptions, allowing pilots and air traffic controllers to avoid hazardous ash concentrations.

Tropical Cyclone Advisories

Tropical cyclone advisories provide information on the location, intensity, and forecasted track of tropical storms and hurricanes, enabling aviation stakeholders to plan and adjust flight operations to avoid hazardous weather associated with these systems.



Significance of Meteorological Information in Aviation

Meteorology and aviation are inseparable, and the meteorological data is important in ensuring aviation safety and efficiency. This information is vital to pilots, air traffic controllers and other aviation stakeholders prior to landing and take-off.

At the Chicago Aviation Conference in November 1944, it was agreed that all ICAO member countries would maintain a meteorological service to provide aircraft operators and airports with information on the atmospheric conditions necessary for safe flights.

The World Meteorological Organization (WMO) is an UN agency that technically assists ICAO in the development of specific meteorological standards and procedures for aviation.

Today, aviation meteorology contributes significantly to global safety, economy, and efficiency of air transport. Before the grant of their licenses, all pilots, dispatchers, and air traffic controllers must undergo mandatory training in aviation meteorology. Meteorological information

is crucial in aviation due to the following reasons.

Weather and Flight Safety

Weather conditions have a direct impact on flight safety. Adverse weather phenomena such as thunderstorms, fog, strong winds, icing, and turbulence can pose significant risks to aircraft operations. Meteorological information provides real-time data on these weather conditions, allowing pilots to make informed decisions regarding take-off, landing, altitude changes, and route modifications. This information helps pilots identify and avoid hazardous weather conditions, reducing the likelihood of accidents or incidents.

Flight Planning and Navigation

Prior to a flight, pilots analyse meteorological forecasts and observations to determine the most suitable route. They consider factors such as wind patterns, temperatures, cloud cover, and precipitation to optimize fuel efficiency, reduce flight time, and minimize the impact on passengers. Accurate meteorological information helps pilots anticipate weather-related challenges and adjust their flight plans accordingly.

Air Traffic Management

Air traffic controllers rely on meteorological information to manage air traffic effectively.



They use weather data to anticipate congestion, reroute flights, and maintain safe separation between aircraft. By monitoring meteorological conditions, controllers can identify potential areas of reduced visibility, severe weather, or strong crosswinds that may affect aircraft operations. This information enables them to provide timely updates and instructions to pilots, ensuring smooth and safe traffic flow.

Emergency Situations and Decision-making

In emergency situations, meteorological information is crucial for pilots to

make critical decisions. For instance, if an aircraft encounters unexpected severe weather or develops technical issues, pilots rely on real-time weather updates to determine the safest course of action. Meteorological data helps pilots assess alternative landing sites, identify areas with better weather conditions, or request assistance from air traffic control or other aircraft. This information is vital for ensuring the safety of passengers and crew.

Accurate and timely weather data enables pilots and air traffic controllers to make informed judgments, mitigate risks, and ensure the smooth

and efficient flow of air traffic. As technology continues to advance, the availability and reliability of meteorological information will further enhance aviation safety and efficiency, contributing to a safer and more reliable air travel experience for passengers worldwide.



Steps In Lodging A Complaint Against An Air Operator

■ By Maureen Swai

Air travel is an essential mode of transportation, providing convenience and connectivity to millions of passengers worldwide. However, sometimes issues arise that can lead to dissatisfaction or concern with an air operator's services. In Tanzania, there are established procedures that allow passengers to file complaints against airlines to ensure their grievances are addressed appropriately.

Tanzania Civil Aviation Authority (TCAA) Consumer Complaint Unit (TCAA-CCU) receive and follow up on complaints from consumers submitted to the Authority. TCAA-CCU is a unit established under Section 59 (7) of The Civil Aviation Act, Cap 80 of 2006, its main objective being to deal with all consumer complaints brought to the Authority.

Here is a step-by-step guide to how a consumer can pledge his/her complaint against an operator to the Consumer Complaints Unit.

1. Gather Relevant Information
The first step, before proceeding with a complaint. One should collect all relevant information related to the flight. This includes the flight number, date, and time of departure, as well as any supporting documents such as tickets, boarding passes, or receipts. Having these details readily available will strengthen your case and facilitate the complaint process.

2. Contact the Operator
Start by reaching out to the operator directly to address your concerns. Most airlines have customer service departments that handle complaints. Contact them via phone, email, or social media, providing a clear and concise explanation of the issue you

encountered. Ensure you maintain a record of all communication with the operator, including dates and names of the customer service representatives you spoke with.

3. Seek Assistance from TCAA-CCU
If the airline's response does not resolve your complaint satisfactorily, you can escalate the matter to TCAA-CCU. You can visit the TCAA website or contact them directly to file a formal complaint and fill a special form as required in the schedule of Consumer Complaints Rules 2009. Provide a detailed description of the incident, including the steps you have already taken to resolve the matter with the operator, and attach all correspondences previously done with the airline.

4. Investigation
The Unit will investigate on the complaint and make follow-up to ensure the operator has considered the matter within specific time frame. Throughout the process of investigation, the unit will attempt to resolve the matter amicably.

5. Lodge the Complaint to the Board Committee
If the matter is not resolved within 60 days the unit shall present the complaint to the Board Committee for decision. The committee shall summon the

parties (Consumer and Operator) and conduct a hearing-by-hearing evidence, arguments, documentary evidence and make decisions.

6. Utilize Consumer Protection Organizations
Any person aggrieved by the decision of the committee shall appeal to the Fair Contribution Tribunal for further assistance. However, in addition to the regulatory bodies, there are consumer protection organizations that can assist you in resolving disputes with air operators. These organizations work to protect passengers' rights and provide guidance on filing complaints. In cases of complaints Tanzania Civil Aviation Authority Consultative Council (TCAA-CCC) can be contacted as well for support.

Filing a complaint against an air operator in Tanzania requires a systematic approach and persistence. Start by contacting the airline directly and escalate your concerns to the appropriate regulatory bodies and national consumer authorities if necessary. Seek assistance from consumer protection organizations for additional support. By following these steps and keeping accurate records, you can increase the likelihood of resolving your complaint and obtaining a satisfactory outcome.







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