



PAKISTAN CAA - CATI

PERIODICAL

CIVIL AVIATION TRAINING INSTITUTE HYDERABAD

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From The Editor's Desk

Dear Esteemed Readers,

I am delighted to introduce the 4th edition of our quarterly periodical for the year 2023, showcasing a myriad of insightful articles and features. In this edition, we are thrilled to spotlight the remarkable contributions of Air Marshal (Retd) Khurshid Anwar Mirza and his spouse, who graced CATI as Chief Guests at the 9th Experience Sharing Event. Their insights and experiences enrich our community, embodying the spirit of collaboration and progress.

Additionally, this issue delve into articles covering diverse topics such as "Training and Development," "Runway Incursion," and "Aviation History in Pakistan." Each piece offers valuable insights into key facets of our industry, fostering continuous learning and growth.

We eagerly anticipate your feedback and contributions, as your engagement is pivotal to our shared journey of knowledge and advancement.

Happy Reading

Best Regards,

Nawaz Ahmed Sipra, Chief Editor



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Trailblazers Set the Course

Air Marshal (Retd) Khurshid Anwar Mirza's tenure as the Director General of the Pakistan Civil Aviation Authority (CAA) from 1982 to 1986 marked a significant era in the history of aviation in Pakistan. He held the honor of being the first-ever Director General of the CAA, a role he undertook with dedication, vision, and steadfast commitment to excellence.

Air Marshal (Retd) Khurshid Anwar Mirza's journey in aviation began when he joined the Pakistan Air Force (PAF) as a cadet in 1951. After four years of rigorous training at the Royal Australian Air Force Academy, he was commissioned as a Pilot Officer in January 1956. His career in the PAF spanned over 36 years, during which he served in various staff and command positions, showcasing his exceptional leadership and professional acumen.

One of the defining moments of Air Marshal (Retd) Khurshid Anwar Mirza's career came during the 1965 war, where he played an active role from Sargodha, demonstrating his bravery and commitment to serving his country. In 1971, he further showcased his expertise by serving as an advisor to the Royal Jordanian Air Force, highlighting his versatility and strategic thinking.

In 1982, Air Marshal (Retd) Khurshid Anwar Mirza was appointed as the Director General of the CAA, a position that he held with distinction for four years. His tenure at the CAA was characterized by remarkable achievements and the establishment of high standards that set a benchmark for the organization. Under his exceptional leadership, the Pakistan Civil Aviation Authority (CAA) witnessed unprecedented advancements and progress in the aviation industry, propelling Pakistan into the global aviation arena as a significant player to be reckoned with.

Air Marshal (Retd) Khurshid Anwar Mirza's visionary leadership and commitment to excellence were evident in his efforts to enhance the capabilities of the CAA. He focused on improving the organization's infrastructure, modernizing its systems, and ensuring the highest standards of safety and efficiency in air travel. His strategic decisions and forward-thinking

approach laid the foundation for the CAA's success in the years to come.

One of Air Marshal (Retd) Khurshid Anwar Mirza's significant contributions was the establishment of the Civil Aviation Training Institute (CATI) in Hyderabad. Recognizing the importance of training and development in the aviation sector, he ensured that CATI became a center of excellence, providing world-class training to aviation professionals in Pakistan and around the world.

Beyond his professional achievements, Air Marshal (Retd) Khurshid Anwar Mirza was known for his integrity, compassion, and dedication to social welfare. In 2002, solely as a volunteer, he established the Society for Education and Technology, a welfare institution that has since educated and provided job opportunities to over 5,500 students on a full gratis basis, reflecting his commitment to giving back to society.

Air Marshal (Retd) Khurshid Anwar Mirza's presence in the CAA was not only inspiring but also reassuring to his colleagues and subordinates. His leadership style, characterized by humility and empathy, created an environment where everyone felt valued and motivated to perform at their best. His legacy continues to inspire generations of aviation professionals in Pakistan and beyond.

In recognition of his remarkable contributions to the CAA, Air Marshal (Retd) Khurshid Anwar Mirza was honored by the top management of the CAA. He was extended the honor of serving as the Chief Guest and Keynote Speaker at the 9th Experience Sharing Platform (ESP) event hosted at CATI Hyderabad, coinciding with the 41st anniversary of the CAA. This invitation recognizes the enduring influence of his leadership and foresight.

Air Marshal (Retd) Khurshid Anwar Mirza will always be remembered as the 'Father of Civil Aviation in Pakistan'. His legacy of excellence, integrity, and commitment to progress will continue to inspire future generations of aviation professionals, ensuring that his contributions to the aviation sector are never forgotten.

"His four-year tenure at the CAA marked a significant era in Pakistan's aviation history, characterized by remarkable achievements and the establishment of high standards that set a benchmark for the organization."

The Dynamic Duo behind CAA's Creation and Progress

Mrs. Nasim Mirza, the esteemed wife of Air Marshal (Retd) Khurshid Anwar Mirza, stands as a paragon of elegance and grace, embodying the quintessence of refinement. Her profound impact and invaluable contributions alongside Air Marshal Khurshid Anwar Mirza played a pivotal role in shaping the resplendent success of the Pakistan Civil Aviation Authority (CAA). Mrs. Mirza's illustrious journey is marked by her consistent, enabling support, her indefatigable efforts, and an unparalleled commitment to the advancement and welfare of the CAA and its personnel.

The genesis of the Civil Aviation Authority Women's Association (CAAWA) stands as a resplendent tribute to Mrs. Mirza's visionary leadership and firm dedication to fostering a supportive environment for female employees and the families of CAA employees. Serving as its founding Chairperson, she laid the foundation for an organization that continues to uplift and empower women within the aviation industry, a legacy that shines brightly till this day. Under Mrs. Mirza's sagacious guidance, the Idara-e-Hunar-o-Danish (an Industrial Home) was established in 1984, offering indispensable welfare support to the families of low-paid CAA employees. Her innovative approach extended to initiatives where the wives of Zonal Managers and Airport Managers were entrusted with

promoting and managing welfare activities, culminating in the establishment of schools, hospitals, and industrial homes at major airports. During her tenure, six schools and three medical centers were established and inaugurated at Karachi and Lahore Airports, as well as in CATI, transforming the landscape of welfare support within the CAA and setting new standards of excellence.

Mrs. Mirza's matchless dedication and visionary leadership were instrumental in raising the standards of these institutions to unparalleled heights of excellence. Schools in Karachi under her guidance were lauded as among the finest in the city, evidence of her resolute commitment to excellence in education and welfare. Her contributions to the CAA are characterized by a level

of commitment, dedication, and resilience that is unmatched. Her track record of achievements is a testament to her unwavering dedication and passion for serving others, a legacy that continues to inspire and uplift all who follow in her footsteps.

Much like her distinguished husband, Air Marshal (Retd) Khurshid Anwar Mirza, Mrs. Mirza's legacy within the CAA is one of utmost reverence and admiration. Her sincerity, passion, and unflinching loyalty to the organization have left an indelible mark on its illustrious history, a legacy that will endure for generations to come.

As the Pakistan Civil Aviation Authority continues its journey of evolution and advancement, Mrs. Nasim Khurshid Anwar Mirza's contributions will forever be etched in its history, showcasing her steadfast dedication and pursuit of excellence. Her legacy stands as a timeless reminder of the profound impact that firm commitment and service can have on an organization's growth and development.

Mrs. Mirza's persistent pursuit of excellence has left a permanent mark on the CAA, serving as an enduring evidence to her remarkable leadership and vision. Her tireless efforts and dedication have helped shape the CAA into an organization of excellence, setting new standards of service and professionalism.

As the CAA continues to achieve new milestones, the legacy of Mrs. Air Marshal (Retd) Khurshid Anwar Mirza will forever be intertwined with that of the Pakistan Civil Aviation Authority. She will remain a beacon of inspiration and dedication, inspiring future generations and highlighting the transformative power of commitment and dedication. Her contributions will always be remembered as a shining example of the impact that one individual can have on the success and growth of an organization.

In recognition of her commendable contributions, the top management of the Pakistan Civil Aviation Authority honored Mrs. Nasim Khurshid Anwar Mirza by inviting her as a Keynote Speaker at the 9th Experience Sharing Platform (ESP) Event, recognizing her enduring legacy and profound impact on the CAA.

"Serving as founding Chairperson CAAWA, she laid the foundation for an organization that continues to uplift and empower women within the aviation industry, a legacy that shines brightly till this day".



TRAINING & DEVELOPMENT



Nawaz Ahmed Khan Sipra
Chief of School of Air Navigation Services



Employees who feel Valued and invested in are more likely to be engaged and stay with their employers. T&D programs demonstrate a company's commitment to its workforce's growth and development. This fosters a sense of loyalty and satisfaction, leading to reduce employee turnover – a significant cost-saving factor for business.

Sharpening the saw

The landscape of aviation industry is constantly evolving. New technologies emerge, skill sets transform, and companies need adaptable and knowledgeable employees to thrive. This is where training and development (T&D) step in, acting as a sharpening stone for the modern workforce, ensuring they stay relevant, engaged, and productive.



Adapting to change

Change is inevitable in any industry. T&D programs equip employees with the ability to adapt to new technologies, processes, and regulations. For example, the aviation industry is advancing towards remote digital towers, for efficient use of this technology, organizations not only need to review policies, but also need to train their professionals for utilizing this technology safely and efficiently.

Similarly, Conversion training are carried out in the form of class room briefing sessions augmented by familiarization on Simulator in Civil Aviation Training Institute when ever there is an up gradation in the infrastructure or there is a change in procedures and policies. Likewise, both Conversion and Refresher trainings are conducted through classroom briefings supplemented by practical familiarization on simulators at the Civil Aviation Training Institute. These sessions occur whenever there are upgrades to infrastructure, changes in procedures or policies, or the need for a refresher arises, typically scheduled once every five years.

Training

developing the skills employees need to perform improve their performance skills, and abilities, specific



Safety as a cornerstone

The aviation industry is one of the Highly Reliable yet it is vulnerable. Despite facing high degrees of risks and hazards, it upholds the highest standards of safety, rendering it reliable. Safety serves as the bedrock upon which the aviation industry is built. Comprehensive training programs are crucial for aviation personnel to develop a keen understanding of safety protocols, enabling them to identify potential hazards, prevent accidents, and respond effectively in critical situations. By investing in training and education, the industry ensures the competence and preparedness of its workforce, which is essential for maintaining the public's trust in air travel.



Regulatory Compliance

Aviation professionals must navigate a landscape of stringent regulations. Ongoing training ensures that they remain compliant with International and domestic aviation laws and standards. This is particularly Important as regulations evolve to address new risks and incorporate technological innovations.

T&D in CATI, Hyderabad

The Civil Aviation Training Institute serves as the main hub for professional training programs, continuously adapting to the evolving requirements of the aviation industry. From airport services to air traffic control operations, CATI consistently improves and introduces various courses to prepare professionals within CAA and in the Aviation industry, with the necessary knowledge and skills for the aviation sector. CATI not only offers a diverse array of professional training programs but also provides numerous avenues for personality development and continuous professional growth. These opportunities include quarterly events such as the Experience Sharing Platform (ESP), Continuous Professional Development (CPD) programs, and weekly Inspirational Media Platform, all designed to meet the highest international standards and foster holistic development in aviation professionals.


Conclusion

The dynamic nature of the aviation Industry demands that professionals not only maintain their current skill sets but also engage in lifelong learning to keep pace with new developments. Training and development are the keys to ensuring that aviation professionals can continue to operate at the highest standards of safety and efficiency, making it an indispensable part of the Industry's ecosystem.



Leadership and Legacy: Stories from CAA's Founding Figures

In the serene environment of CATI Hyderabad's riverside venue, the 9th Experience Sharing Platform (ESP) was held on December 7th, 2023. Air Marshal (C) Khurshid Anwar Mirza, the founding father of PCAA, attended as the Chief Guest and keynote speaker, alongside his wife, Mrs. Nasim Mirza, marking 41 years since PCAA's inception. The event gathered aviation leaders, guests, and enthusiasts to share insights and inspire a passion for learning and growth. Attendees included aviation fans, trainees, teachers, and officials from HQCAA and airports, providing valuable networking opportunities. Speakers acknowledged the Chief Guest's visionary leadership and remarkable contributions to the country's commercial aviation.



Mr. Sumair Saeed, Director of CATI, inaugurated the event, welcoming the keynote speakers and audience. He expressed gratitude for their presence, emphasizing the importance of sharing experiences to enhance aviation professionals' wisdom. Mr. Saeed encouraged active participation in discussions and networking, highlighting CATI's commitment to continuous learning and innovation. He hoped the event would inspire collaboration and exchange of ideas to advance the industry. With this, Mr. Saeed officially opened the 9th ESP, setting the stage for a day of exploration and celebration of aviation excellence.



Following Mrs. Nasim Mirza's enlightening speech, former CAA employees who served under Air Marshal (Reta) Khurshid Anwar Mirza delivered contributory speeches. Mr. Zuhair Siddiqui, former Head of MIS and Director Technical Services at CAA, and later MD of Southern Gas Company (SGSC), praised Sir Mirza's unparalleled leadership, attributing CAA's development and success to the solid foundations he laid. He emphasized Mirza's delicate yet firm approach in steering the organization towards excellence. Mr. Alqarea Attique, former Director of HR, reminisced about Sir Mirza, portraying him as a true polymath who excelled in diverse fields. He highlighted Mirza's versatility and decision-making abilities, citing an incident where his prompt decision to release the aircraft from the hangar averted a prolonged passenger service disruption. Engr. M. Ahsan Malik, former Director Technical Services, Mr. Mehmood Hussain, Ex-Additional Director Licensing, and other speakers echoed these sentiments, expressing admiration for Mirza's visionary leadership. They emphasized his profound impact on CAA's growth and success, underscoring his legacy as a transformative leader. Those not present shared their views online, including: Mr. M. Aurengezaib, Ex Dy DG Director, Mr. A. Iqbal, Ex Dy DG, Ex Principal Director ANS, Mr. N. A. Jaffery, Ex Director Operations Mr. Asif Bashir, Ex Director AT, Mr. Nasir Rizwan Hashmi, and others.



Air Marshal (R) Khurshid Anwar Mir, the inaugural Director-General of the Civil Aviation Authority (CAA), reflected on his tenure. He recalled the transformation of the defunct Civil Aviation Department (CAD) into a beacon of progress and profitability. Technological advancements in aviation outpaced CAD's capabilities, leading to the founding of the CAA. Transformative policies revitalized the organization, making it dynamic, vibrant, and profitable. Despite challenges such as inadequate safety nets and firefighting capabilities at airports, as well as a lack of ATC at some airports, CAA's revenue increased significantly, making it independent of federal grants.

Dr. Marshall and Khurshid Anwar Mirza described the AC&C project and its challenges. The project aimed to automate Air Navigation systems, enhance communication facilities, and upgrade radar systems. Despite hurdles, including the French government's initial refusal to approve a loan, determination and negotiation skills led to approval. The AC&C project resulted in increased overflying aircraft, enhanced safety, and positioned Pakistan as a leader in technological advancements. He shared this success to inspire and educate the audience, advising them to persevere and stay focused. He emphasized that not accepting 'no' as the final answer and not let obstacles hinder your path to success, stressing the importance of maintaining resolve and commitment to their vision and goals.

In her keynote address, Mrs. Nasim Khurshid Anwar Mirza, the former Chairperson of the Civil Aviation Authority Women's Association (CAAWA), shared her journey advocating for women's empowerment within the Civil Aviation Authority. She emphasized the importance of inclusivity and equal opportunities for women in all spheres of life.



Mr. Khurram Malik, the Director of Safety, Quality, and Management Systems (SQMS) read a heartfelt message from the Director General of Civil Aviation Authority (DGCAA) on the occasion of CAA's 41st Anniversary. In his message, the DGCAA expressed profound pride in the achievements and growth of the organization over the past four decades. He highlighted the firm commitment to safety, innovation, and excellence that has driven CAA to become a beacon of progress in the aviation industry. The DGCAA also acknowledged the invaluable contributions of all CAA employees, past and present, whose dedication and hard work have been instrumental in shaping the Authority's legacy. His message concluded with an inspiring call to continue striving for higher standards and to embrace future challenges with the same spirit of resilience and determination that has characterized CAA's journey.



Marking the 100th anniversary of Air Traffic Control and 75 years since the establishment of the School of Air Traffic Services, Mr. Nawaz Ahmed Sipra, Chief of the School of Air Navigation Services, delivered an inspiring address that highlighted the evolution of Air Traffic Control from visual signals to today's sophisticated systems. Mr. Sipra celebrated the pivotal role of Air Traffic Controllers in ensuring global air travel safety and efficiency, emphasizing their commitment and the advancements shaping modern aviation. He noted that the School of ATS started in Karachi under the Civil Aviation Training Unit (CATU) and moved to CATI in 1982, graduating thousands of trainees. This milestone honors ATC pioneers' legacy and inspires future generations to enhance sky safety.



The 9th Experience Sharing Platform (ESP) concluded with a memorable unity and joy on 7th December 2023, marking the anniversaries of two significant institutions: the 75th anniversary of the International Civil Aviation Organization (ICAO) and the 41st anniversary of Pakistan Civil Aviation. The insightful sessions culminated in a joyous celebration. The Chief Guest, Mr. Anwar Mirza, and his



A Sweet Celebration: 9th ESP Marks ICAO and PCAA Anniversaries

Anwar Mirza, led the ceremony, cutting the cake together to commemorate these historic milestones. They were joined by all the attendees, creating a moment of unity and celebration. This ceremony not only honored the rich history and achievements of ICAO and PCAA but also highlighted the importance of collaboration and partnership within the aviation community. The event, leaving everyone inspired and looking forward to future

As the 9th Experience Sharing Platform (ESP) concluded, Director CATI Mr. Sumair Saeed thanked Mrs. and Air Marshal (Retd) Khurshid Anwar Mirza for their contributions. He emphasized the profound insights shared, the importance of collaboration and knowledge exchange, and reaffirmed his commitment to fostering a culture of continuous learning and innovation at CATI. Mr. Saeed also expressed enthusiasm for future events to promote growth and excellence in the aviation community.

The 9th ESP successfully provided a platform for aviation professionals to connect, learn, and be inspired. The diverse experiences and valuable insights shared by the speakers left a lasting impression on all participants, encouraging them to pursue excellence in their respective fields. As we conclude this remarkable gathering, we look forward to the continued impact and inspiration it will impart, fostering a spirit of shared knowledge and community in the aviation industry.



“ RUNWAY INCURSION ” AND SAFETY NETS TO AVOID IT!

New Year brought a sad news for aviation industry on 2nd January 2024 when a passenger A350 collided with Dash - 8 on the Runway, claiming 5 lives. Miraculously, all 379 occupants of A350 safely evacuated which is an ideal example of the discipline and awareness of passengers on board. As we cannot jump right away to conclusions, but it was quite obvious that the incident happened due to runway incursion.



Runway incursion in aviation means an occurrence which involves incorrect presence of a person, vehicle or aircraft on a protected surface, i.e Runway

Accidents never happen Because of a single factor. Behind an active failure, there is always a series of preconditions, supervisory flaws and Human Factors which form a chain resulting in an occurrence.

Runway incursion is one of the HRCs (High Risk Categories) defined by ICAO which can cause fatal accidents. There are many safety nets to avoid Runway Incursions and keep the busy airports safe.

STOP Bars: Stop Bars even referred as Red Bars are series of red lights which are installed on the Holding Points to allow the aircraft to hold at a safe distance from runway before entrance and take-off. Although use of stop bars is only mandatory in low visibility conditions. But if in operation, regardless of visibility, pilot is never allowed to cross illuminated red bars even if he is cleared for line-up. Several busy airports exercise the use of stop bars in all visibility conditions. ICAO also recommends that effective use of stop bars can contribute to effective prevention of possible runway incursion.



RT Phraseology: Air Traffic Control and Pilots use concise, well-chosen and specific set of words while communicating to each other. This phraseology has evolved over the period of time to make sure that instructions are never mis understood and there is no confusion.

Traffic Information: Whenever there is a traffic i.e. Aircraft which may be concerning to other aircraft, it is always important to pass the traffic information to aircraft concerned. It increases the situational awareness of Aircraft crew as crew is busy in performing different checks during various phases of flight.

Procedures: Sterile Cockpit is a term used in aviation during which there must be no unnecessary communication between ATC and flight crew. Because the crew may skip an important information. It is very important for ATC to know that what should be the order and priority of information/instruction being passed to the crew.

The word "Take-off" is usually used by ATC only when ATC requires to commence the take-off roll. Any mandatory instructions which are related to pre or post take-off procedure, ATC uses the word "Departure" so that crew must remember that no "take-off" is heard

which means they are not cleared for take-off yet. Runway is scanned by ATC before issuing any departure / landing instructions to make sure that there is no un-authorized presence of any person, vehicle or aircraft on the runway.

ARIWS Autonomous Runway Incursion Warning System: ARWIS, in simple terms, issues warning to the air traffic controller whenever there is an aircraft which is already lined-up on the runway and air traffic controller issues landing or departure clearance to another aircraft.

ARWIS is a very effective tool for independently and timely advising the air traffic control to take evasive action. Conclusion: Safety Systems in place need continuous improvement of procedures, identification and mitigation of safety risks, highlighting latent factors which are posing hazards and persistent awareness on safety risks is imperative to ensure that crew and air traffic control are equipped with the modern practices. Only then we can inculcate "safety culture" at our workplace.



MUHAMMAD ARSLAN
Air Traffic Controller-IIAP
muhammad.arslan
@caapakistan.org.pk



Taking Flight Together

CATI's Seminar on Building Team Excellence

In the realm of aviation innovation, the Civil Aviation Training Institute (CATI) in Hyderabad serves as a beacon of excellence. On November 7, 2023, CATI hosted its 7th Continuing Professional Development (CPD) Seminar themed 'Building Team Excellence'. The event gathered aviation enthusiasts and experts to delve into crucial discussions for industry advancement.

Engr. Sumair Saeed, CATI's Director, opened the seminar, emphasizing teamwork's pivotal role in aviation progress. The seminar featured distinguished speakers, each providing insights from their respective fields ranging from airline dynamics to emergency response teamwork.



Mr. Danish Qaseem Alvi, former Director of CNS Engineering in the Civil Aviation Authority (CAA), served as the esteemed Chief Guest of the 7th CPD Seminar. Drawing from his

extensive industry experience, he shared insightful reflections on fostering team excellence. Commending the seminar's impeccable organization, he urged attendees to aspire to greater heights of knowledge and achievement. Delving into the theme of 'Building Team Excellence', he expressed appreciation for the distinguished speakers who illuminated various facets of teamwork within the aviation and service sectors. Their presentations underscored the evolving landscape of aviation, emphasizing the pivotal role of teamwork in critical areas such as business intelligence, CNS facilities, and IT-based systems.



Mr. Farooq Aly, Director of Extra Mile Training, Coaching, and OD Consultancy,

illuminated strategies for empowering teams to excel under pressure. He unraveled essential methodologies for fostering resilience and cohesion amidst challenging environments.



Mr. Mukarram Ali, Senior Assistant Director APS (RFFS) at Islamabad International Airport,

shared insights into emergency response team building at airports. He stressed the urgency of seamless teamwork in executing swift and efficient rescue operations during crises



Mr. Inam Bari, former General Manager of Pakistan International Airlines (PIA) explored the intricate dynamics of teamwork within the airline

industry. With his rich experience, he highlighted the importance of effective collaboration for operational efficiency and passenger satisfaction.



Mr. Wajid Ali, Senior Joint Director ATS / Senior ATS Instructor and Deputy Chief of School of Air Navigation Services,

provided profound insights into the intricate dynamics of team building and operation within the critical environment of Air Traffic Control (ATC). In his presentation, he emphasized the paramount importance of precise, accurate, and timely coordination among team members to ensure the safety and efficient management of air traffic flow.



Engr. Sumair Saeed, Director CATI, presented strategies for fostering organizational excellence. He emphasized effective networking

among management tiers and external stakeholders to align efforts toward achieving objectives. His insights covered techniques for cultivating synergy, collaboration, and strategic partnerships to drive unparalleled success.

Throughout the seminar, discussions highlighted the evolving aviation landscape and the importance of data-driven approaches for operational efficiency. Engr. Sumair Saeed reiterated CATI's commitment to continuous learning and collaboration, emphasizing networking's significance for organizational success.

At closing, CATI extended gratitude to Engr. Danish Qaseem Alvi and all the speakers for their invaluable contributions. The seminar provided practical insights poised to elevate operational efficiency and decision-making in aviation and service industries through effective team work.



Honoring a Visionary Leader: Dedication of CATI Auditorium and the Inauguration of the Renovated Medical Center

In the evening of December 6th, 2023, a day before the 9th Experience Sharing Platform (ESP) event, CATI had the honor of hosting two significant activities in the esteemed presence of Air Marshal (Retd) Khurshid Anwar Mirza and his wife, Mrs. Nasim Khurshid Mirza. These events not only highlighted the institution's rich history but also celebrated its ongoing commitment to excellence and progress in support of the growing aviation industry. Highlighting the day's proceedings was the heartfelt dedication and naming of the CATI Auditorium in the honor of Air Marshal (Retd) Khurshid Anwar Mirza. This momentous occasion reverently acknowledged his unparalleled

efforts in fostering a culture of excellence and innovation. The newly named Khurshid Anwar Mirza Auditorium stands as a lasting tribute to his contributions and the rigorous standards he established for the aviation industry in Pakistan, guaranteeing his lasting impact on its future endeavors.

Preceding the dedication and naming of the Auditorium, another noteworthy event unfolded: the inauguration of the newly renovated Medical Center. This marked a significant moment steeped in both nostalgia and achievement. Initially opened by Mrs. Nasim Khurshid Mirza about four decades ago, the Medical Center underwent extensive



contributions to the establishment and advancement of the Pakistan Civil Aviation Authority (PCAA) and his dedication to nurturing the aviation industry in Pakistan. Recognizing the critical role of training in fortifying aviation growth in Pakistan and the broader Asia-Pacific region, Air Marshal (Retd) Mirza devoted himself to cultivating the next generation of aviation professionals.

Air Marshal Mirza's inspired leadership and resolute commitment were instrumental in propelling CATI to its esteemed status as a premier regional ICAO institute for aviation training. The renaming of the auditorium stands as a fitting tribute to a man whose enduring legacy continues to kindle inspiration and direction within the aviation community.

Considering Air Marshal (Retd) Mirza's visionary leadership and guidance for CATI's development, attendees honored his strategic foresight and relentless

renovations aimed at providing enhanced facilities, improved medical services, and an expanded bed capacity.

Once again, Mrs. Mirza had the privilege of cutting the ribbon, symbolizing the Center's fresh start. The ribbon-cutting ceremony drew CATI employees, their families, and prominent residents from neighboring areas, all witnessing the revival of a vital facility. This moment stands as a testament to Mrs. Mirza's enduring legacy and unwavering dedication to healthcare.

These two significant events on December 6th, 2023, not only honored the past achievements of Air Marshal (Retd) Mirza and Mrs. Mirza but also set the stage for future advancements at CATI. The Khurshid Anwar Mirza Auditorium and the renovated Medical Center stand as enduring symbols of their legacy, inspiring future generations to strive for excellence in aviation and beyond.



Banishing Darkness: The Transformative Power of Education

In a world where ignorance casts a long shadow, education emerges as the beacon of hope, illuminating minds and dispelling the darkness of ignorance. The words, "If the light of education is enlightened, it would banish the darkness forever," resonate deeply, embodying the essence of Mrs. Nasim Khurshid Mirza's lifelong dedication to education and the same theme was perfectly portrayed in skit played by the school children.



The highlight of this tribute was a poignant tableau performed by the students on stage. The theme of the tableau was a powerful metaphor: the candle lit by Mrs. Mirza decades ago had grown into a radiant sunshine, illuminating a path of learning and inspiration for future generations. Through their heartfelt performance, the students beautifully portrayed how the school has blossomed into a nurturing environment, fostering growth and excellence.

The impact of the performance by little actors was profound. The audience, deeply moved by the students' portrayal, found themselves unable to hold back their emotions. Many eyes were filled with tears, a testament to the deep respect and admiration for Mrs. Mirza's contributions. The tableau not only celebrated the school's achievements but also underscored the lasting influence of Mrs. Mirza's vision and dedication.

This tribute served as a heartfelt acknowledgment of Mrs. Mirza's significant role in shaping the educational landscape at CATI. Her efforts have provided a foundation for countless students, empowering them to pursue their dreams and contribute positively to society. The emotional response from the audience highlighted the genuine appreciation and gratitude felt by all who have been touched by her work.

The performance by the schoolchildren was a fitting tribute, encapsulating the essence of Mrs. Mirza's legacy. It reminded everyone present of the transformative power of education and the lasting impact one individual's vision can have on future generations. The tableau, with its powerful imagery and emotional resonance, will be remembered as a defining moment of the 9th Experience Sharing Platform, leaving a lasting impact on all who witnessed it.



Aviation History in Subcontinent

Compilation by: Zia ullah sheikh, FCILT
Rtd. Sr.ATCO, Ex Dy Chief (ATS) CATI HYD



The first commercial aviation flight in sub-continent India took place on 18 February 1911. It was a brief demonstration flight of about 15 minutes from the United Provinces Industrial and Agricultural Exhibition in Allahabad. The aircraft, a Humber biplane shipped from England specifically for this event, was flown by French aviator Henri Pequet and carried mail, also making it the first British official airmail service between Allahabad and Naini Tal across the Yamna River.



After the world war-II it was the time when Pakistan movement was at its prime. The vision of having an airline for yet to be born nation was given by Quaid-e-Azam Muhammad Ali Jinnah, resulted in creation of the new airline Orient Airways by Isphani group, registered in Calcutta on 23 October 1946 as a joint stock company. So Orient Airways became the first and only Muslim-owned airline in the British sub-continent. Calcutta was added to the network in support of the Allies, later a businessman Mr. Isphani started an airline as Orient Airway, established in 1946 with its base in Calcutta, and So Orient Airways became the first and only Muslim-owned airline in the British sub-continent. In February 1947, the Orient airways bought three DC-3 aircraft and obtained a license to fly in May 1947. The airline started its operations on 30 June 1947, offering services in British India from Calcutta to Sittwe and Rangoon.



In the United India Civil Aviation was being looked after by the Ministry of communication under the British rule (Sardar Abdul Rab Nishtar was the minister of communication) the first air link was established between Delhi-Multan-Jacobabad where Sir. John Jacob, a close relative of The Queen was commanding the area. At that time most of the Pilots / crew members were from Royal Air Force and there were very few Indians who were in the learning phase of flying this machine which remain in the use of military and now becoming the mode of transport in civil society.



In early 1950s, a Unit was formed in the Ministry of Defense to work out the feasibility of creation of a public sector statutory Corporation (Airline) to take care of the increasing air travel needs of the country. Accordingly in 1952 GoP established a new subsidiary to support Orient's operations through a contract for the purchase of three Lockheed Super Constellations registered in the name of the newly established subsidiary, Pakistan International Airlines, placed under the Department of Civil Aviation and tasked with operation and maintenance of the new Lockheed Super Constellation aircrafts.



Mr. J.R.D Tata an industrialist of India brought the first Private aircraft from Europe in the sub-continent in 1932 as he was awarded a contract to carry mail over the route Karachi to Bombay and Madras. Civil flying activities in sub-continent started under British rule in 1933 as Indian National Airways was established, later started civil commercial air transport operation using the name Tata Air Lines in 1938, and extended service to the cities of Delhi and Colombo.



By the end of 1946 the following companies were registered by the British Government:

- Indian National Airways • Tata Airlines
- Air sane of India • Dakin Airways
- Orient Airways • Mistri Airways • Ambia Airline • Jupiter Airways
- Airways India



Early aviation and newly established Pakistan After the creation of Pakistan as desired by the Quaid-e Azam Orient airways to be a Pakistan's airline primarily to commute between East Pakistan & West Pakistan Orient airways shifted its operations from Calcutta to Karachi, the capital city of newly independent state of Pakistan in 1947, By 1949, Orient airways acquired three Convair aircrafts operate between Karachi- Delhi- Calcutta- Dhaka and became the first Asian airline to operate Convair aircraft.



In 1948 a new airline PAK AIR registered in Pakistan with four civil converted aircrafts of WW-II, but ceased in 1949, following a series of air accidents, which also included the first Pakistani fatal aircraft crash near city of Vehari on 26th Nov 1948. The short-lived airline was blamed for poor aircraft maintenance procedures. Pak Air was closed after Vehari / Multan crash.



on 1st October 1953 by an interim joint operating agreement, Pakistan government merged Orient Airways with newly established subsidiary, in which the Government assumed financial control of the airline, while Orient's operations and ground assets could be complemented by the aircraft of newly established subsidiary - Pakistan International Airlines - although Orient Airways continued to operate under its name for a few more years and finally in 1955 it was merged and become as Pakistan International Airlines.

Contact

Nawaz Ahmed Sipra - Chief Editor

Civil Aviation Training Institute, Hyderabad Pakistan

Office: 022-9260326, 022-9260310-19 Ext: 280 Mobile: 0302-8221309, Email: cas@caapakistan.com.pk

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