



# CATI PERIODICAL

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# RELOCATION OF TWO COMMERCIAL AIRCRAFT TO CATI HYDERABAD: A LOGISTICAL FEAT

## Overview

The Logistics Branch of the Pakistan Airports Authority (PAA) successfully executed the complex relocation of two decommissioned commercial aircraft—McDonnell Douglas MD-83 and Boeing 737, from Jinnah International Airport (JIAP), Karachi to the Civil Aviation Training Institute (CATI), Hyderabad. This task, involving partial dismantling, road transportation, and reassembly, demanded intricate planning, specialized coordination, and technical precision.



## Planning and Cost Optimization

The Logistics branch collaborated with subject matter experts and multiple vendors to develop a viable plan. By segmenting the project into three distinct phases—dismantling, transportation, and reassembly—each process is optimized so that the overall cost was reduced by 50%.

Detailed assessments ensured the aircraft could be dismantled without cutting the fuselage. Special focus was given to fuel management, wing joint access, tail disconnection, and avionics system deactivation. Load-bearing calculations and slinging techniques were applied to ensure safe transit. Bidding documents were meticulously prepared to ensure a transparent procurement process.

## Boeing 737 Dismantling and Transport

The Boeing 737 dismantling commenced in September 2024. The aircraft was carefully disassembled, mounted on cradles, and transported via a Goldhofer multi-axle trailer. The journey began at 0500hrs with support from Motorway Police and NHA Islamabad, the convoy was rerouted after the closure of a bridge before Hala. The aircraft reached CATI the next day.



## MD-83 Relocation and Challenges

The MD-83, being significantly larger, presented unique structural challenges. Unlike the 737, its wing roots are integrated into the fuselage, requiring a specially engineered detachment process that maintained a 4-foot buffer on each side to avoid structural damage.

Due to its increased width (from 16 to 22 feet), the previous transportation route became unviable. A new path via Shahrah-e-Faisal, Gharo, and Tando Adam was finalized. Additional coordination with CATI Civil Works teams ensured the removal of physical obstacles, including modifications to the institute's main gate. The convoy departed at 0400 hrs and reached CATI after a 15-hour journey.

## Reassembly and Completion

The reassembly phase involved reintegration of avionics, structural components, and recalibration of instruments. The work was completed successfully within the stipulated timeline, with both aircraft now positioned as valuable instructional assets at CATI. The successful relocation of these aircraft stands as a testament to inter-departmental coordination, logistical innovation, and institutional commitment.





CATI successfully conducted its 11th Continuing Professional Development (CPD) seminar on November 14, 2024. The seminar focused on "Conflict Resolution and Negotiation," a critical subject in professional and organizational settings. By fostering an understanding of conflict dynamics and resolution techniques, CATI continues to contribute to the professional development of aviation and engineering personnel. A group of eight trainees from Sri Lanka also attended the seminar as part of the Civil Trade Official Course #12. Their participation added an international dimension to the event, fostering cross-border professional exchange and learning.

## Chief Guest's Address: Strategic Reflections on Conflict Resolution

Mr. Asif Bashir Ahmed, Ex-Director CATI, graced the seminar as Chief Guest. Drawing from his senior leadership roles in CAA, he emphasized the institutional importance of conflict resolution. He identified key causes of conflict and advocated structured approaches, emotional intelligence, and proactive engagement. Highlighting communication, negotiation, and policy as essential tools, he encouraged professionals to treat conflict as an opportunity to strengthen collaboration, resilience, and sustainable organizational growth.



### 1. Conflict Resolution & Negotiation – Engr. Muhammad Qasim Nasir Butt



Engr. Muhammad Qasim Nasir Butt, Joint Director (Contracts Management), presented on conflict resolution in FIDIC projects and domestic arbitration. He emphasized structured dispute settlement, highlighting arbitration's role in Pakistan's legal framework. His talk reinforced the need for standardized processes to manage contractual conflicts in infrastructure development effectively.

### 2. Alternate Dispute Resolution (ADR) – Engr. Khizer Hayat Malik

Engr. Khizer Hayat Malik Senior Additional Director Contracts Management discussed the concept, types, and growing relevance of ADR. He outlined its application in Pakistan, referencing a case from the Islamabad International Airport project. Emphasizing ADR's efficiency over litigation, he highlighted enforcement challenges and stressed the need for broader adoption in institutional contract. His presentation provided valuable context for implementing ADR practices.



### 3. Conflict Resolution in Construction – Engr. Aijaz Ahmed Shaikh



Engr. Aijaz Ahmed Shaikh, Chief Engineer at NESPAK, addressed common workplace and construction conflicts. He discussed their causes, impacts and the risks of neglecting resolution. Emphasizing proactive strategies, he advocated structured conflict management to prevent project delays, financial loss, and reputational damage in engineering and infrastructure environments. His approach emphasized early detection and resolution.

### 4. Cultural Sensitivity in International Negotiations – Engr. Iqbal Hashmi

Engr. Iqbal Hashmi, Director PDC at DHA Suffa University, highlighted the importance of cultural sensitivity in global negotiations. He referenced frameworks by Hofstede, Trompenaars, and others, emphasizing BATNA and cultural metaphors. He advocated cultural intelligence and adaptive communication as essential tools for navigating complex, cross-cultural professional environments. His views stressed relevance in globalized aviation.



### 5. Dispute and Conflict Resolution – Dr. Farrukh Arif



Dr. Farrukh Arif, Director at NED University VR Centre, discussed conflict progression, causes, and resolution techniques. He emphasized structured steps, negotiation skills, and tools like the Thomas-Kilmann Instrument and Covey's 7 Habits. His address advocated practical ADR methods to manage disputes constructively and enhance institutional effectiveness. His insights linked theory with practice.

## SECRETARY AVIATION'S HISTORIC VISIT TO CATI

On October 26, 2024, the Civil Aviation Training Institute (CATI), Hyderabad, witnessed a historic occasion with the visit of Secretary Aviation, Mr. Ahsan Ali Mangi. This marked the first-ever visit by a Secretary Aviation to CATI and the first visit by the Secretary of the controlling ministry of the Civil Aviation Authority (CAA) in 25 years. The last such visit was in 1999 when the then Secretary Defence toured the institute. The significance of this visit cannot be overstated, as it reaffirmed CATI's vital role in the aviation sector and highlighted the government's renewed focus on aviation training and excellence.



### A Major Milestone for CATI



The visit was a momentous event that underscored CATI's growing prominence as a center for aviation training. Secretary Aviation was given a comprehensive briefing on CATI's history, training programs, and recent developments. The visit also included a tour of schools and facilities at CATI and Hyderabad Airport, showcasing the institute's capabilities and its pivotal role in aviation training. During the briefing, the Director CATI elaborated on the institute's historical evolution, from its establishment as the Airways Training Centre in 1948 to its recognition as a regional training center by the International Civil Aviation Organization (ICAO). Today, CATI stands as a full member of the ICAO TRAINAIR PLUS program, having trained professionals from 49 countries. The visit reinforced the need to further elevate CATI's status to match international benchmarks in aviation training.



### Recognition of CATI's Recent Developments

The Secretary Aviation commended the recent progress made by CATI in academic, training, and infrastructure domains. Over the past few years, CATI has undergone significant transformations, including the modernization of training methodologies, curriculum enhancement, and infrastructure development. The establishment of new academic structures, improved oversight mechanisms, and increased academic collaborations have been pivotal in strengthening CATI's position as a premier training institute. The restructuring of CATI into four specialized schools—School of Air Navigation Services, School of Airport Services, School of Regulatory Services, and School of Aviation Management—has allowed for more focused and effective training programs. These efforts have positioned CATI to better meet the needs of Pakistan's evolving aviation landscape.



### Engagement with Key Stakeholders

The visit saw the participation of key stakeholders, including senior officials from the Pakistan Airports Authority (PAA), representatives from various directorates of CAA, and other dignitaries. Their presence underscored the collective commitment to advancing aviation training in Pakistan. During the visit, discussions were held on the need for continued improvements in CATI's training programs, including enhancing course oversight, updating curricula in line with global standards, and expanding collaboration with leading universities and aviation training institutions. The Secretary Aviation endorsed the proposal to include external academic and industry experts in CATI's Academic Council, further strengthening the institute's governance and knowledge base.





One of the key takeaways from the visit was the recognition of CATI's potential to evolve into a regional hub for aviation training and, ultimately, a prestigious aviation university. Secretary Aviation emphasized the need to align CATI's strategic vision with the growing demands of the aviation industry.

The vision for CATI includes:

- **CATI as Aviation University:** The commitment to elevate CATI to new heights, positioning it as Pakistan's first aviation university. The transformation aims to attract students from across the region and reinforce CATI's status as a center of excellence in aviation education.
- **Infrastructure Modernization:** Upgrading facilities to meet international standards, ensuring a world-class learning environment.
- **Expansion of Course Offerings:** Introducing new courses in specialized aviation disciplines, aligning with the latest industry trends.
- **Strengthened Academic Collaborations:** Partnering with national and international universities to develop joint research initiatives and training programs.
- **Autonomy in Training Operations:** Enhancing CATI's independence to facilitate innovative training solutions and institutional growth.
- **Establishment of a Flying School:** Developing flight training programs at Hyderabad Airport to nurture future pilots.



## A New Chapter for CATI

The emphasis on modernization, stakeholder collaboration, and strategic expansion sets the stage for CATI's evolution into a premier aviation institute. As Pakistan's aviation sector continues to grow, CATI is poised to play a crucial role in shaping the future of aviation professionals.

The journey ahead is filled with immense opportunities, and with the right vision and collective efforts, CATI is well on its way to becoming a globally recognized aviation training hub and university. The legacy of excellence continues, and this milestone visit is a testament to the bright future that lies ahead for CATI and Pakistan's aviation sector.

By fostering innovation, enhancing capacity building, and aligning with international best practices, CATI is not only preparing the next generation of aviation leaders but also reinforcing Pakistan's standing in the global aviation community through sustained excellence and unwavering institutional commitment.



The 13th Experience Sharing Platform (ESP) event was successfully held at the auditorium of Civil Aviation Training Institute (CATI), Hyderabad, on December 5, 2024. Traditionally aligned with International Civil Aviation Day on December 7.

The event celebrated two significant milestones:

- 80th anniversary of the International Civil Aviation Organization (ICAO).
- 42nd anniversary of the Pakistan Civil Aviation Authority (PCAA).

Aviation professionals, trainees, and esteemed guests gathered to commemorate the occasion, making it a remarkable success.

## Key Highlights

- Screening of messages from the ICAO Secretary General and the President of the ICAO Council.
- Thematic video presentation on ICAO's legacy.
- Historical overview of Pakistan's civil aviation journey since 1947.
- Cake-cutting ceremony celebrating the anniversaries of ICAO and PCAA.

The event attracted a diverse audience, including former CAA officers, CATI trainees, and members of the local aviation community.



## Chief Guest: Air Vice Marshal (Retd.) Zulfiqar A. Shah



"True leadership is about inspiring others to rise beyond challenges and create a legacy of excellence."

A veteran of the Pakistan Air Force (PAF) with over 35 years of service, Air Vice Marshal (Retd.) Zulfiqar A. Shah has held key leadership positions, including command roles in combat and strategic planning.

During his tenure as Deputy Director General PCAA (1997–2000), he contributed significantly to regulatory improvements, enhancing operational efficiency.

In his speech, he reflected on his experiences in aviation leadership and emphasized the need for continuous evolution in the field. He acknowledged the rapid advancements in technology and the crucial role of training institutions like CATI in preparing the next generation of aviation professionals. He highlighted the importance of collaborative learning, research, and adaptation to global trends to ensure Pakistan remains at the forefront of aviation excellence.

- Bridging the gap in technological advancements through modern training methodologies.
- CATI's role in equipping aviation professionals with the skills necessary to meet future challenges.
- Resilience and vision in aviation leadership.
- The importance of teamwork in driving progress.
- Encouraging young professionals to embrace challenges with confidence.

His presence in CATI after nearly 25 years, was a moment of pride and inspiration for all attendees.

## Keynote Speaker: Mr. M. Ayaz Jadoon

“Commitment, discipline, and vision—hallmarks of a leader who shapes the future of aviation.”

With 34 years of dedicated service to PCAA, Mr. Ayaz Jadoon played a crucial role in air traffic control, operations, and airport management. His experience includes international training and leadership at major airports.

Key takeaways from his speech:

- Continuous learning and discipline are vital in aviation careers.
- A proactive approach is necessary to tackle operational challenges.
- Innovation and adaptability help meet evolving industry demands.

His inspiring journey left a strong impact on aspiring aviation professionals.



## Keynote Speaker: Mr. Naveed Ahmed Khan

“Precision and perseverance define those who navigate the skies and guide the future of aviation safety.”

Mr. Naveed Ahmed Khan, a distinguished expert in Air Traffic Services (ATS), served for over 33 years, retiring as Additional Director ATS in 2023.

Highlights from his speech:

- Evolution of air traffic management and its challenges.
- Precision and technological advancements in aviation safety.
- Upholding professionalism and integrity in aviation careers.

His expertise continues to shape the next generation of Air Traffic Controllers at CATI.



# FIRST GRADUATION CEREMONY OF CATI PASSING OUT CEREMONY AIR TRAFFIC CONTROL OFFICERS Date 30th May 1983

