

**MAY
2019**

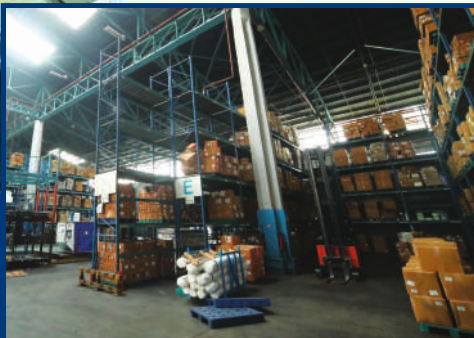


DELHI INDIRA GANDHI
INTERNATIONAL AIRPORT



CARGO E-ZINE

COVER STORY WAREHOUSING INDIA HOLDS PROMISING FUTURE



From Chief Commercial Officer's Desk

Dear Business Partner,

Greetings from DIAL!

The 16th edition of DIAL Cargo E-zine is covering the story – ‘Warehousing India holds promising future’ along with a special feature on ‘Digitalization: A Windfall in Transformation of Air Cargo Industry’ and key developments at IGIA Cargo as well as industry highlights.

I am also glad to inform you about a ‘Milestone’ created by DEL Cargo in October’18 by recording One Million MT cargo handling from November’17 to October’18. DEL Cargo has further recorded 1,043,000 MT cargo handling by the end of financial year 31st March 2019 surpassing all the previous records in the South Asia regions.

In the last edition of Cargo E-zine, we started a new series of revering our Aviation Legends. In this issue, we have covered the remarkable life story of ‘Landy Lindy’ – Amelia Earhart, an iconic symbol of Women’s inherent strength, zeal & adventure, who didn’t only break the unrelenting myth and elongated social paradox of erstwhile male dominated aviation world, but also created a history by being recognized as World’s First Lady Aviator to fly across both the Atlantic and Pacific oceans together. Amelia has always been remembered in Aviation World as the portrait of womanhood’s audacity for decades.

Furthermore, you will find many other interesting highlights & update in this issue of Cargo E-zine and we hope, you will enjoy reading it.



I am delighted to inform you that **Mr Vijay Sharma** has taken over as **Head-Cargo** at DIAL. Vijay possess diverse rich industry experience of over 24 years and has been with GMR since 2008. During his 10 years association with DIAL, he has worked with multiple departments including Strategic Planning, Commercial Aero and just prior to moving into this new role he was associated with DIAL CEO Office heading the Business Integration function.



Vijay is known to the cargo fraternity and has worked with DIAL Cargo as Head-Product Development earlier where he was instrumental developing Air Cargo Logistics Center among various other products at IGIA.

Please join me wishing Vijay great success in his new role and extend him full cooperation and support. He can be reached at vk.sharma@gmrgroup.in.

Best regards,
Sanjiv Edward
Chief Commercial Officer
Delhi International Airport Limited

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COVER STORY



Warehousing India holds Promising Future

Warehouse of Cargo Terminal, IGI Airport

Warehousing in India has travelled far, from the era of being glorified godowns to the modern, efficient and technology driven infrastructure and operations. The formerly concrete or low-grade steel godowns are now increasingly being replaced by pre-engineered, factory produced steel structures which are normally assembled at the warehousing location. These modern warehouses are insulated, ventilated and climate-proof with round the clock surveillance and advance material handling equipment. In short, warehousing in India has evolved into a complete logistics friendly infrastructure system.

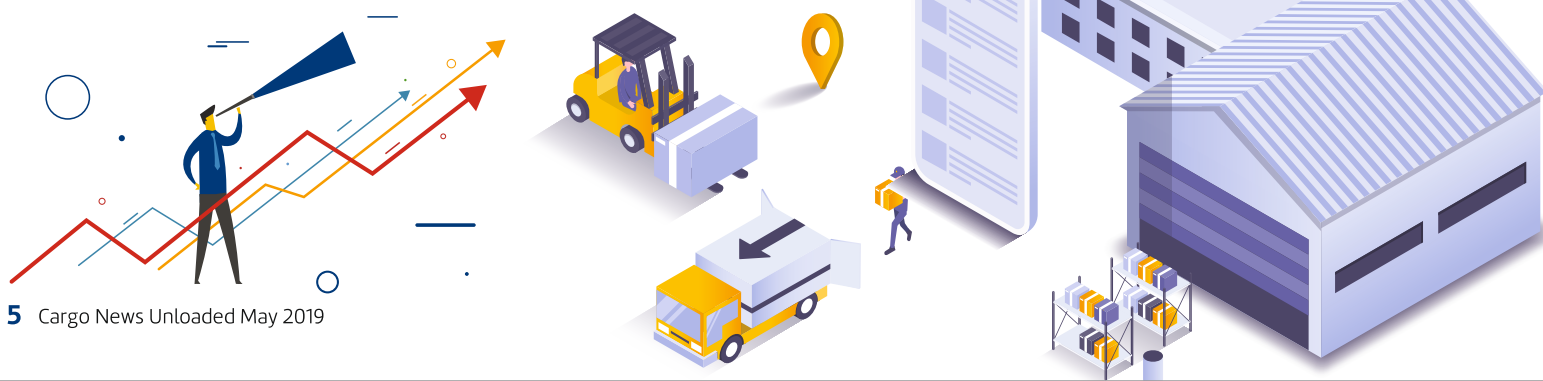
As per the current industry estimates, warehouse space in India is estimated to grow from the 909.5 million sq. ft. 2017 to about 1,439 million sq. ft. by 2020 and the average size of warehouses in the country is expected to grow from around 20,000 sq. ft. to 2-3 lakh sq. ft. in few years. The industry size is expected to touch INR 560 billion, as per the reports published by Ernst & Young and the CII Institute of Logistics.

The Growth Enabler

Apart from conventional storage services, warehouses in India now provide a range of value-added services like consolidation and breaking up of cargo, packaging, labelling, bar coding, reverse logistics, etc. depending on the requirement of the customers.

The growth in warehousing in India is primarily being driven by the following factors:

- 1** Government of India's strong focus towards infrastructure development, such as proposed target of doubling **18,000 km** of railway lines and gauge conversion; construction of additional **9,000 km** to the highway network of India; an extra budget of **₹14.34 lakh crores** to enhance rural infrastructure; provision of **₹500 crore** for "Operation Green" to promote agriculture logistics etc.
- 2** Growing manufacturing activity in the country coupled with government's 'Make in India' programme
- 3** Rising domestic consumption under the fast growing e-commerce industry, resulting in demand for quality spaces, and supply chain efficiencies
- 4** Increasing international trade
- 5** Emergence of organized retail since the entry of big FMCGs brand in Indian market powered by burgeoning e-commerce industry
- 6** Increasing private and foreign investments in infrastructure sector with strong inflow of FDI (Foreign Direct Investment)
- 7** India's prominence as a global logistics hub grows, witnessing the entry of several global players and increasing awareness of domestic players to enhance the quality of offerings.
- 8** Implementation of Goods and Services Tax (GST) and granting of Infrastructure Status to the Logistics sector by government of India.
- 9** Easing of government regulations and new policy initiatives such as Multi-Modal Logistics Parks (MMLPs) to improve the country's logistics efficiency and its international competitiveness under the Logistics Efficiency Enhancement Program (LEEP).





More importantly, the technological advancement has been the critical factor in transforming the warehousing industry in India since the advent of bar code technology. It has paved the way for automatic identification and data capture (AIDC) technology, optimum utilization of resources, tracking of consignments and seamless distribution of cargo. Inventions like Quick Response (QR) Code are becoming popular to encode data to computer-compatible digital data, and accelerate the flow of a shipment among its beneficiaries.

Technologies like Real Time Locating Systems and Radio-Frequency Identification (RFID) have become essential for a wide range of automated data collection and identification applications that helps warehouse operator to keep a track of goods coming in or going out. Adoption of Warehouse Management System (WMS) and other IT-driven solutions are increasing the competitiveness of the warehousing industry. WMS helps warehouse operators to track inventory, orders and provides data about the products stored and can also be transmitted back to the manufacturers.



Partnering with Growth

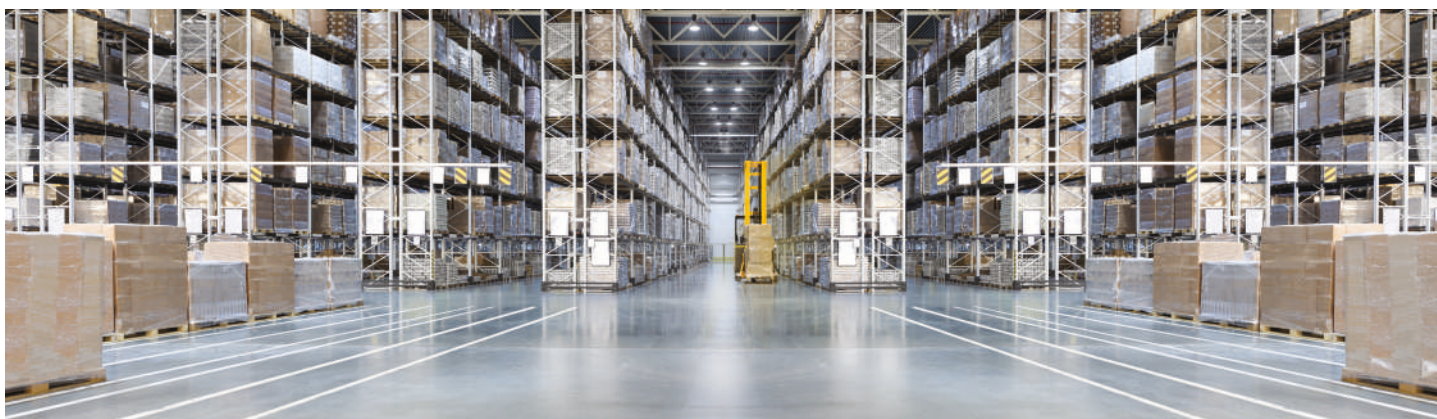
On the contrary, there is no denying fact that the effective distribution of cargo is vital for the growth of manufacturing and trade too. As manufacturing moves towards looking at the supply chain function as a profit driver instead of a cost factor, many manufacturers are looking at outsourcing a significant part of their operations to warehousing companies as it plays a crucial role in the value chain. An efficient warehouse can bring a 15-20% cost reduction in the entire logistics operations.

It is most opportune time wherein warehousing industry can partner with India's mammoth growth of E-commerce industry. E-commerce growth in India faces a major challenge of lack of infrastructure and logistics support. There is an immediate need for warehouses to enable the e-tail sector to deliver goods to customers beyond the major metros. Industry insiders say that e-commerce firms are expected to invest up to nearly \$2 billion in the next three years in infrastructure, warehousing, and logistics

The Way Ahead

As the warehousing industry in India is still in developing stage as compared to the global standards, its tremendous potential cannot be discounted any more, especially keeping in view of post GST scenario, which has promoted warehousing industry to consolidate this highly de-fragmented sector at strategic locations by aiding logistical cost efficiency. This would also lead to better inventory control and help in forecasting demands accurately through implementation of technology at large scale, which was earlier not feasible in smaller & scattered warehouses.

The potential for warehousing in India is immense, according to market experts, who estimate investments to the tune of ₹45,000 crore per annum, if it is to meet the industry requirements across all manufacturing verticals.



Delhi International Airport has been constantly focusing on infrastructure development in last couple of years, especially the development of on-Airport Warehousing facility to improve the efficiency of air cargo supply chain at IGI Airport. Delhi Airport has developed two Air Cargo logistics centres in close proximity of the Air cargo terminals as on-airport Tier-2 infrastructure.

Air Cargo Logistics Centre – 1

Air Cargo Logistics Centre (ACLC-1) with 10,000 sqm warehousing area at IGIA was commissioned in May 2015. ACLC-1 backs several leading Freight Forwarders and Logistics players to facilitate their activities of consolidation & other value-added services at the airport.

Air Cargo Logistics Centre – 2

Looking at the successful operations of ACLC-1 improving DEL Cargo supply chain, a second and much larger logistics facility ACLC-2 has been created and operationalized in 2018, which is located just opposite Cargo Terminals in close proximity to Aerocity & National Highway-8. It has a PEB (Pre-Engineered Building) structure with insulated roofing system. It has over 18,000 sqm of warehousing space supported with 87 Truck docks. The ACLC-2 facility has further supplemented the strong demand of warehousing space at the airport and is significantly benefiting the freight forwarders and logistics companies to do value added activities, thus improving efficiency in their air cargo operations.

Digitalization: A Windfall in Transformation of Air Cargo Industry



In this fast evolving industry, change is inevitable, and we have to keep pace with the modern challenges and align ourselves with the rapid transformation taking place in air cargo supply chain.

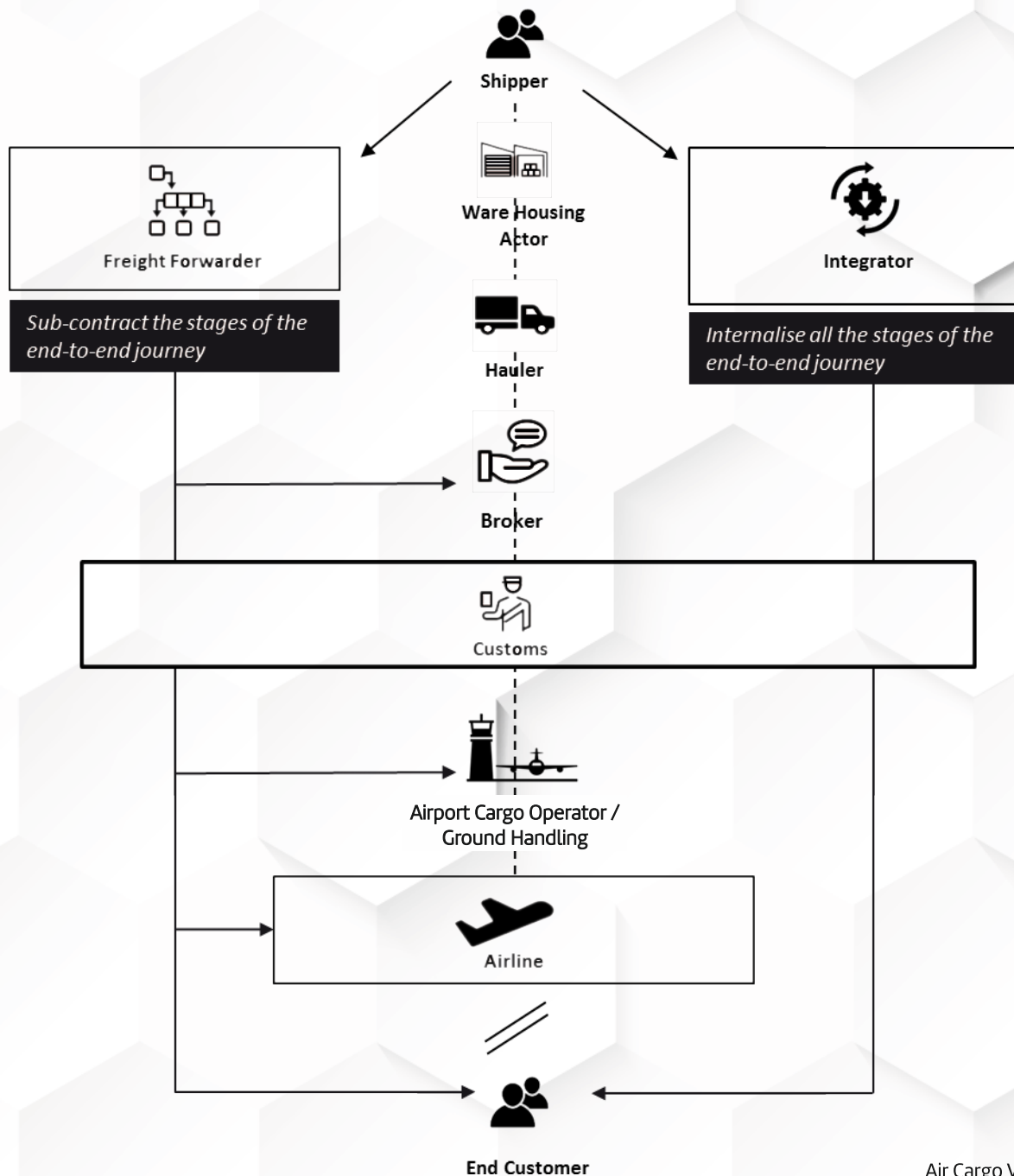
The air cargo ecosystem is very complex as it involves many stakeholders along the value chain - shippers, carriers, customs, freight forwarders, integrators, airlines, consignee, etc. Digitalization is seen as a key lever for the development of new innovative services and solutions to drive efficiency in the air cargo ecosystem and deliver incremental value to the end customers

Overview of the current Ecosystem

Currently two models are ruling the air cargo industry - the freight forwarding model and the integrated freight model.

The shipper can opt for a freight forwarder that sub-contracts all the stages of the end-to-end journey or an

integrator that internalizes all these stages by owning the assets to do so. The integrator then arranges the storage and the collection of the cargo, the surface transport to the airport, the changeover by custom borders, the air leg and the delivery to the final destination



Digitalization – an opportunity to improve communication and cooperation within the value chain

Major cargo airlines have already addressed the customers' needs for increasing the freight offer transparency through the launch of direct online booking portals, which not only offer the availability of quotes instantly with real time update, but also helps in instant processing of payment.

In parallel, there are numerous paper documents processes throughout the value chain in freight forwarding, which sometimes leads to inaccuracies, losses and misunderstandings at transcription.

As balancing act, International Air Transport Association (IATA) has initiated two major projects to streamline the communication process in air cargo value chain also – (a) e-Air Waybill; and (b) e-Freight.

E-AWB project aims to electronically standardize the air way bills. It helps in increasing accuracy and reliability of data exchanges across airlines and shippers/forwarders viz-a-viz reduction in processing costs. This also leads to reduction in cargo handling delays, ease out security compliance and improve customer services. Whereas, E-freight project has a broader aim as it consists in the development and implementation of end-to-end paperless transportation processes for air cargo, involving all the stakeholders across the value chain.

In support of e-Freight and e-AWB, IATA's developed Cargo-XML messaging standards enable electronic communication between airlines and other stakeholders of the value chain.

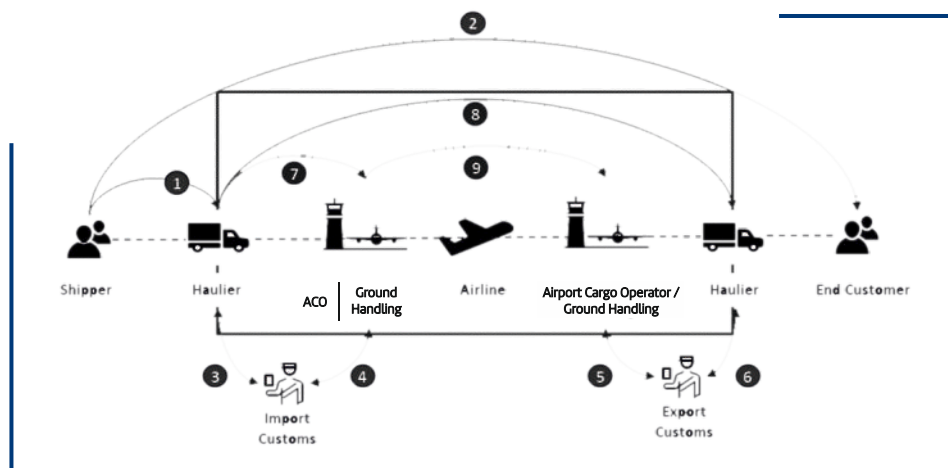


Figure Legend:

→ Documents flow

E-freight scope

E-AWB scope

- | | | |
|---|---|---|
| ① Invoice, Packing List | ④ Export Cargo Declaration, Custom Release Export | ⑦ Air Waybill, House Manifest |
| ② Invoice, Packing List | ⑤ Import Cargo Decl / Customs Release Import | ⑧ Invoice, Packing list, Air Waybill, House Manifest, House Waybill |
| ③ Export Goods Declaration, Custom Release Export | ⑥ Import Cargo Decl / Customs Release Import | ⑨ Flight Manifest, Air Waybill, House Manifest |

Paperless Transportation (e-Freight and e-AWB)



The potential behind these digital opportunities can be translated into new services with high added value for the customer, operational excellence, incremental revenues and improved links with business partners.



Digital Technologies: Poised to be Panacea for Air Cargo Industry

Although, digitization is creating a new value proposition in every industry and customers' rising expectations for a personalized and on demand or mobile services, the air cargo industry is yet to witness such horizons. The lack of data integration and standardization are prone to poor data quality and errors, which limits the end-to-end visibility and transparency along the shipment journey, thus exposing any unexpected event and bringing inefficiencies to the supply chain.

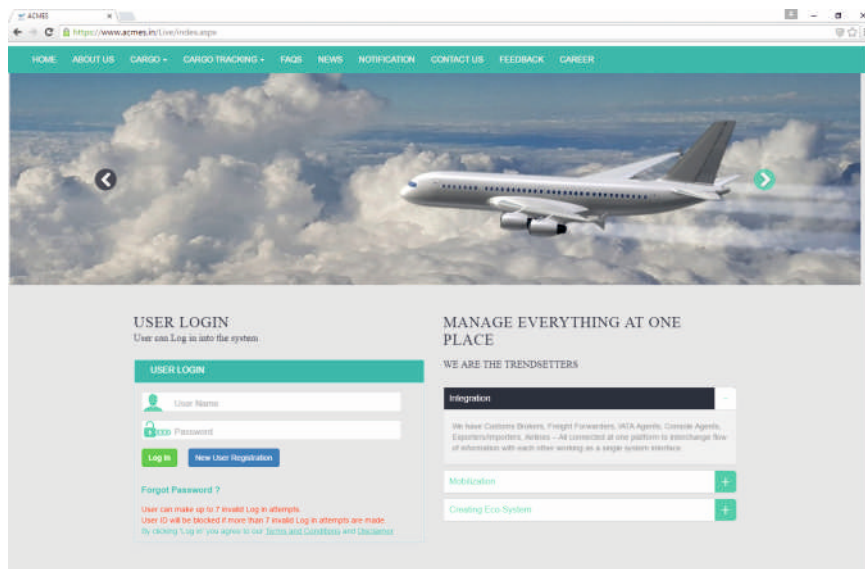
The Indian Air Cargo industry needs to be fast in embracing digitization. While passenger airlines offer a diversity of booking channels, which enable transparent product comparison and shopping experience adopting electronic tickets etc., whereas air freighters still predominantly rely on traditional channels such as call centers to promote rates which are not easily comparable and further there is extensive use of paper documents for shipments.

Digitization has been recognized as a 'Key Lever' or panacea for the development of innovative services and solutions which can drive efficiency in the air cargo ecosystem and deliver incremental value to the end customers.

IGI Airport's Digital Drive

Delhi Airport has been consistently focusing on digitization at IGI Airport and has taken several steps towards automation and digitalization of cargo handling processes at IGI Airport –

- **Air Cargo Message Exchange Systems (ACMES)** – an e-Freight initiative for acceptance of advance shipment information was launched in 2018. ACMES is a digital, single window platform, which facilitates seamless information flow between all stakeholders of the Air Cargo community. The platform allows Freight Forwarders and Customs Brokers to automate and digitize shipment data, thus enhancing efficiency, consistency and transparency in doing business, moving towards complete paperless processing.

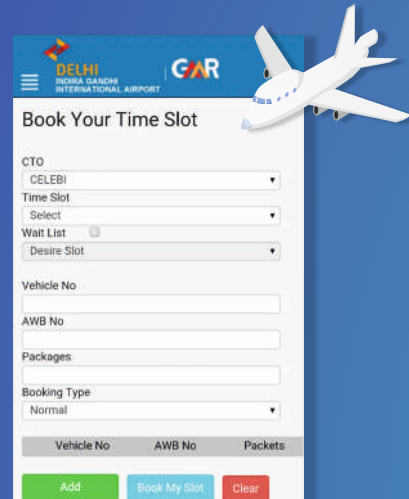
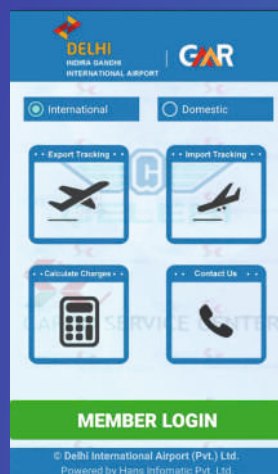


On the ACMES platform, one can do complete process management of Shipping Bill/BoE, eAWB, eCSD, eDO and IATA Messaging (FSU) through a single interface, thus enhancing productivity and reducing costs.

Further, it has features like centrally controlled data management (CHA/Forwarder, carrier, transporter, CTO, Customs – all linked at one platform), timely alerts/ notifications for all activities, receipt of electronic documents to track the booked cargo at multiple stages and retrieval of comprehensive MIS on 360 degree visibility.

- **Cargo Mobile App** – DIAL has developed a Cargo mobile app for instant tracing and tracking of shipment on a real-time basis. The application helps in electronic clearance of cargo through the customs department as it provides authorized access to operators, customs, custom house agents, airlines and freight forwarders, among others.

The application also helps in reducing the paper work, dwell time and an extended arm to help customs brokers for transacting their respective business functionalities through mobile.



With this application, customers can now transact air cargo business on a real-time basis even while they are mobile, according to Delhi Customs Clearing Agents Association President, P S Atree.

DIAL NEWS

Delhi International Airport: India's First eAWB360 Compliant Airport



Delhi International Airport Limited (DIAL) received the certification from International Air Transport Association (IATA) as **“India’s First eAWB360 compliant Airport”** in Nov’18.

This prestigious certification has been offered by IATA for DIAL’s continued pursuance of driving digitization in its air cargo handling processes.

While conferring the certificate to DIAL, Rodney D’Cruz, Assistant Director – Passenger

& Cargo Services (India, Nepal & Bhutan), IATA, said, **“Delhi Airport is the first Airport in the country to facilitate the adoption of eAWB360, which is a community approach to successfully growing eAWB penetration in a region”.**

The e-Air Way Bill (e-AWB) solution allows the electronic filing of transportation document of an air cargo shipment to a Carrier or an Authorized Agent by a Freight Forwarder. e-AWB is an industry-wide initiative by IATA to replace paper Air Waybill (AWB). Among the documents, AWB or Air Consignment Note is the most important piece of non-negotiable transportation paper document in air cargo transportation issued directly by a carrier, or through its authorized agent.

This breakthrough achievement of DIAL is the result of several new initiatives undertaken at IGI Airport towards digitization. These include launch of ‘ACMES’ (Air Cargo Message Exchange System) – an e-Freight initiative for acceptance of advance shipment information and a single window platform to facilitate seamless information flow between all stakeholders of Air Cargo community; Cargo Mobile App – for cargo transactions and instant trace and track facility to the End user ; Export Slot Management and RFID based access control for streamlining the truck movement; IATA Message integration in import (FFM/FWB and FHL) along with Customs EDI Messages.

Commenting on the achievement, Videh Kumar Jaipuria, Chief Executive Officer, DIAL, said, **“DIAL has been consistently focusing on improving the efficiency of cargo handling operation to match with global standards. This certificate is a testimony of DIAL’s efforts in making the air cargo supply much more efficient”.**

DIAL always has strong focus towards digitization and automation of the processes to bring efficiency in entire air cargo supply chain and serve as Air Cargo Hub of the region with all-inclusive engagement of its Stakeholders and Regulatory Bodies.

Delhi Airport becomes South Asia's Highest Cargo Handling Airport

Delhi International Airport Ltd (DIAL) registered over 'One Million Metric Tons' cargo handling in a year (FY 2018-19).

This feat is the result of several new initiatives undertaken by DIAL, such as dedicated Transshipment facilities, expansion of Cargo Terminal facility, development of Airport Cargo Logistics Centre (ACLC), Digitization and Technology advancement. Significant investments have been made in up-gradation and modernization of air cargo handling facilities at Delhi Airport in the last 10 years.

The significant growth in Civil Aviation and air connectivity over the years have also played a prominent role in facilitating cargo movements throughout the world. IGIA connects to 77 International and 72 Domestic destinations, served by around 74 Air Carriers and 14 Freighter airlines.



Commenting on the achievement, **Mr. Videh Kumar Jaipuriar, Chief Executive Officer, DIAL**, said, **“Delhi Airport has been recognized as India’s Air Cargo Gateway for its handling capacity, efficient processes and service standards. DIAL thanks and extends its sincere gratitude to all the Stakeholders and Trade partners for achieving this significant milestone. We look forward to working closely with our partners and stakeholders to sustain this growth and achieve bigger ones as we go along.”**

As per a report by ASSOCHAM, Air cargo contributes about 20% of Airlines revenue involves a wide variety of service providers and employs nearly 70,000 persons in the country. Delhi Airport contributes 17.89% to the GSDP (Gross State Domestic Product), according to National Council of Applied Economic Research (NCAER).



CELEBI CHARTER HANDLING



Launch of New Air Cargo Charter Handling Facility

A new Charter Handling Facility was launched by Delhi Cargo Terminal Operator, Celebi Delhi Cargo Terminal Management India (CDCTMIPL)

At present, various air charter operators including the charters bringing odd sized cargo or special cargo are required to go through three major tasks – first to find a slot; second, to coordinate for various regulatory permissions required from DGCA, Customs or BCAS; and thirdly to coordinate with airport cargo terminal operator. If an airline or charter operator does not have GSA or their office set up in India, they find it difficult to operate air-cargo charters, especially when there is lesser lead time.

Hence, to facilitate air cargo charter handling efficiently at Delhi Airport, Celebi Cargo Terminal operator has come-up with a new product to give administrative, regulatory and operational support to the Air Cargo Charter Operators.

This new air cargo charter handling facility will create new business opportunities for the airlines besides resulting in efficiency & huge cost savings.

Key Features of the facility:

- Dedicated Chartered Helpdesk operational at 24x7 hourly basis
- Round the clock availability of dedicated and skilled manpower to handle the air cargo charters
- Quick turnaround of charters
- Availability of dedicated transshipment facility at airside
- Bonded Road Feeder Services available for connecting charters
- Availability of ETD, K9 facility, X-ray scanning facilities etc.

This facility immensely helps transit charters from stations like Dhaka, Hong Kong, Colombo, Yangon etc.



Café Aero@CG-1



New Café Aero services at DIAL Cargo complex



Café Aero@CG-4



The inaugural ceremony of the "Café Aero" was held on 8th January 2019 in the presence of Mr Sanjiv Edward - Chief Commercial Officer-Aero, Mr Vijay Sharma - Head Cargo, Mr Anuj Thapliyal - Chief Operating Officer CELEBI, Mr Sanjiv Mansukhani - Associate General Manager DCSC along with various other guests and trade partners.

In pursuit to provide quality F&B Services to the Cargo Community, 3 Nos. of new "Café Aero outlets" have been operationalized at DIAL Cargo Complex -

Café Aero@CG-1 (near Cargo Gate No.1)

Café Aero@ CG-4 (near Cargo Gate No.4)

Café Aero@CUDCT (near Domestic Cargo Terminal Complex)

These F&B Outlets have been aesthetically designed with all the amenities comprising an exclusive 'Fine Dine Restaurant' at Café Aero@CG-4 offering various food options on 24x7 hours. The design & services of these outlets have been conceptualized on the similar lines of other staff cafeteria operational at IGI Airport.

The 4th Air Cargo Summit at PHDCCI

The 4th Air Cargo Summit was organized by PHD Chamber of Commerce and Industry, New Delhi in November 2018. It was attended by eminent Ambassadors, bureaucrats, industry experts along with Mr Suresh Prabhu – Union Minister of Commerce & Industry and Minister of Civil Aviation, Government of India, Mr Jayant Sinha, MoS – Civil Aviation and Mr Rajiv Nayan Choubey, Secretary, Ministry of Civil Aviation and other industry players deliberating **“Enabling continued growth of Air Cargo with sustained double-digit growth of India Air Cargo Industry of India”**.



Mr Suresh Prabhu declared that new Integrated Logistics and Air Cargo Policy is on anvil. He said, “With this new policy in place, the solutions to critical issues relating to agriculture and manufacturing output and their supplies, including exports, would be sufficiently explored, though the possibilities of making improvement in such an Integrated Policy still exist even in future”. Mr Prabhu also added that logistics and cargo are the biggest growth driven sectors in India after services and therefore, policy makers are making all efforts to facilitate them and to encourage cargo to be moved via India; creating transshipment hubs in the country, creation of an electronic national air cargo community eco-system which would further promote an efficient data interchange.

Mr K. Narayana Rao, President – Corporate Relation, Delhi International Airport mentioned that to achieve the continued double digit air cargo growth in India, following steps need to be taken by each stakeholders –

- Development of a holistic policy document to guide the Air Cargo Industry
- Expansion of cargo terminal capacity at Tier 1 airports and creation of cargo handling capacity at Tier 2 & Tier 3 cities
- Development of enabling infrastructure, including express cargo, cold storage, hazardous goods at the non-major airports
- Strengthening and bringing more stakeholders on the digital platform, as well as enabling centralized registration / KYC, as well as integration of platforms across airports to create a national platform for air cargo
- Process simplification / paperless movement of air cargo at the airports
- Incentivizing availability of skilled air cargo personnel
- Taking a holistic view of the multi-modal connectivity, including movement of trucks in city limits

The summit ended with the note that there is huge growth potential in Air Cargo industry and it can only be achieved by a collaborative approach by the stakeholders of air cargo sector.

AVIATION LEGENDS



The Remarkable Life of Lady Lindy – ‘Amelia Earhart’

In the erstwhile male dominated society, when our ear resounded the words – strong, courageous, bold, daring, adventurous and so on, our mind instantly used to watermark portraying the characteristics of an uncommon hero or iron-man from our society. But, the year 1932 wiped out this unrelenting myth when a US born, Lady Lindy glided over the Atlantic ocean as world's first solo aviator. The Lady Lindy is no one, but Amelia Earhart, who not only broke the elongated social paradox, but also created historical milestone by being recognized as World's First Lady Aviator to fly across both the Atlantic and Pacific oceans together in 1935.

The Childhood

Earhart was born on July 24, 1897 in upper-middle class family at Kansas, United States. Much of her early childhood was spent at the household of her maternal grandparents. Amelia's mother, Amelia "Amy" Otis, married Samuel "Edwin" Stanton Earhart, who showed much promise but was never able to break the bonds of alcohol. When the situation got bad, Amy shuttled Amelia and her sister Muriel to their maternal grandparents' home, her grand father was a former federal judge and the president of the Atchison Savings Bank and a leading citizen in the town.





A spirit of adventure seemed to abide in the Earhart children. As a child, Amelia spent long hours playing with her sister, climbing trees, hunting rats with a rifle and "belly-slammimg" her sled downhill. Although the love of the outdoors and "rough-and-tumble" play was common to many youngsters, Amelia was known for her 'Tomboy' character. A tomboy, who defied early-20th-century conventions, Amelia successfully crusaded for women pilots' place in the sky. The people started calling her 'Lady Lindy' as she was tall and slim, with short, wind-swept hair, and looked so remarkably like Charles Lindbergh that she could have been his sister.

Amelia Earhart received a form of home-schooling together with her sister, from her mother and a governess. At the age of 10, Earhart saw her first aircraft at the Iowa State Fair in Des Moines. Her father tried to interest her and her sister in taking a flight. At the age of 12, in the year 1909, she got enrolled in Public School for Grade 7. Earhart graduated from Chicago's Hyde Park High School in 1916. Throughout her troubled childhood, she had continued to aspire to a future career; she kept a scrapbook of newspaper clippings about successful women in predominantly male-oriented fields, including film direction and production, law, advertising, management and mechanical engineering. She began junior college at Ogontz School in Rydal, Pennsylvania, but did not complete her program.



Earhart professional life

When Spanish flu pandemic reached Toronto in 1918, Earhart was engaged in arduous nursing duties that included night shifts at the Spadina Military Hospital. The turning point came in Earhart life on 28 December 1920, when Earhart and her father visited an airfield at Toronto Long Beach where Frank Hawks, an air racer, gave her a ride that would forever change Earhart's life. She said, "by the time I had got 200-300 feet off the ground, miracle sparked in my mind, "I knew I had to fly".



Working at a variety of jobs including photographer, truck driver, and stenographer at the local telephone company, she managed to save \$1,000 for flying lessons.

On January 03, 1921, Earhart had her first lesson from Neta Snook, a pioneer female aviator, at Kinner Field near Long Beach. Reaching the airfield was not an easy task for her. Every day she had to take a bus and then walk 6 Kms on foot till she reached the airfield.

Following her parents' divorce in 1924, while she was studying in Columbia University, her mother could no longer afford the tuition fees and associated costs. Soon after, in 1925 she found employment first as a teacher, then as a social worker at Boston Settlement House.

When Earhart lived in Medford, she maintained her interest in aviation and became a member of the American Aeronautical Society's Boston chapter and was eventually elected its vice president. Earhart flew the first official flight out of Dennison Airport in 1927.





Trans-Atlantic Flight in 1928

After Charles Lindbergh's solo flight across the Atlantic in 1927, Amelia also expressed her interest to fly across the Atlantic Ocean. Being a lady, trip was too perilous for her to undertake. One afternoon on April 1928, Earhart got a phone call from Capt. Hilton H. Railey, who asked her, "Would you like to fly the Atlantic?". It was just like a dream coming true in her life.

The June 19, 1928 was the day, when a new chapter was added in the aviation history, when **"World's First Women Pilot"** safely landed at Woolston, England by flying Avro Avian 594 flight exactly in 20 hours 40 minutes in the blue sky from Trepassey Harbor, New Foundland. Earhart received rousing welcome full of commemorative blue plaque on site.



Earhart's New Aviation Life & Celebs image



In 1929, Amelia returned to the United States and she undertook an exhausting lecture tour. By the time she reached US, she got the celebrity image. The United Press started quoting her "Queen of the Air".

She was married to George P. Putnam, a publisher by profession, on February 07, 1931. Earhart's opinion on marriage was liberal for the time as she believed in equal responsibilities for both breadwinners and pointedly kept her own name rather than being referred to as "Mrs. Putnam".

Subsequently, she made her first attempt at competitive air racing during the first Santa Monica-to-Cleveland Women's Air Derby. In 1931, she set a new world record by flying at the highest altitude of 18,415 feet (5,613 miles) from Beech-Nut Chewing Gum. During this period, Earhart also got involved with 'The Ninety-Nines', an organization of female pilots providing moral support and advancing the cause of women in aviation. Earhart was also the first aviator to promote commercial air travel through the development of a passenger airline service along with Charles Lindbergh.

On January 11, 1935, Earhart became the first aviator to fly solo from Honolulu, Hawaii to Oakland, California. Although this transoceanic flight had been attempted by many others, but all efforts went in vain.

In early 1936, Earhart planned a 'round-the-world flight' with financial support from Purdue University, wherein she was visiting faculty in Department of Aeronautics



Unfortunate 1937

July 02, 1937 was the day when Amelia Earhart and Noonan took off from Lae Airfield in the heavily loaded with 1100 gallons of gasoline in Electra Flight. The intended destination was Howland Island. Around 3 pm Lae time, Earhart reported her altitude as 10000 feet. Due to thick cloud, she lowered the altitude to 800 aeronautical miles near Nukumanu Island.



Thereafter, radio connectivity with Electra went off. Attempts were made to reach the flyers with both voice and Morse code transmissions. But, nothing succeeded and Amelia Earhart and Noonan vanished in blue sky skies forever.

The Navy and Coast Guard put out all efforts to locate the pair, but no trace was ever found. Various conspiracy theories about the tragedy aired for years. It came to the notice that the pair were seen on one of the Marshall Islands and both were captured and tortured by the Japanese because they were on a

spying mission for the United States, or that the plane somehow survived and was later destroyed by the U.S. Army for mysterious reasons.

There have been reports from Saipan islanders that they saw a white woman wearing what appeared to be man's clothing, accompanied by a tall man. However, none of these reports have been substantiated later.

Although the end journey of Amelia remained full of sorrow, however, she will be remembered for ever for women's inherent strength and zeal to pursue the challenges till the end.

UPCOMING EVENTS



AIR CARGO NEWS AWARDS AND CONFERENCE 2019

One-day event scheduled to be held from 26 April 2019 at Runnymede on Thames Hotel Kenya. This is the annual event organized by Air Cargo News for last 35 years, wherein Winners are honored by Air Cargo News, while attendees can network with their peers, colleagues and global participants. To more details, visit <https://tiaca.org/event/air-cargo-news-awards-and-conference-2019/>

• ICAO Seminar on Green Airport

Two-day event scheduled to be held from 08-09 May 2019 at Delfins Hotel and Convention Centre, Lima, Peru. The seminar will reflect the diverse range of activities involved in the management of a "Green Airport", including climate change adaptation, renewable energy, community engagement and sustainability reporting. For more details, visit <https://www.icao.int/Meetings/GREENAIRPORTS2019/Pages/default.aspx>.

• Global Sustainable Aviation Forum

One-day event scheduled to be held on 13th May'19 at The Plaza Centre – Ville, Montreal, Canada. The event will bring together aviation leaders, experts, stakeholders, regulators, NGOs, governments and the media to hear the views of specialists and experts and participate in interactive panel session. For more details, visit <https://www.iata.org/events/Pages/sustainable-aviation-summit.aspx>

India Warehousing Show

Three-days event scheduled to be held from June 20-22, 2019 at Pragati Maidan, New Delhi, India. The event will showcase latest technologies available, make new business contacts and catch up with industry colleagues at the exhibition while getting first hand exposure to latest market trends & insights. To more details, visit – <https://10times.com/india-warehousing-show>

Airport Security & IT Summit

Two-days event scheduled to be held from 16-17 May, 2019 at Barcelona, Spain. The summit will emphasize the need to connect physical infrastructure to cyber space by introducing two separate tracks, Airport Security and Airport IT. To more details, visit <https://10times.com/airport-security-it-summit>

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