नागर विमानन मंत्रालय
MINISTRY OF
CIVIL AVIATION

ANNUAL REPORT
2024

VISION

" Enable the people to have access to safe, secure, sustainable and affordable air connectivity services with World-Class Civil Aviation Infrastructure. "

MISSION

- To create World-Class Civil Aviation Infrastructure facilities.
- To establish effective regulatory framework, including for safety, in harmony with international standards.
- To connect presently un-served areas of the country.
- To develop skilled human resource according to the needs of the sector.
- To deploy advanced technologies for the optimal growth of the sector.
- To ensure maximum satisfaction of users / optimize consumer satisfaction.

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1. HIGHLIGHTS

1.1 2ND ASIA PACIFIC MINISTERIAL CONFERENCE (APAC-MC)

Ministry of Civil Aviation successfully organized the 2nd APAC-MC on 11th and 12th September, 2024 at Bharat Mandapam, New Delhi. The Conference was attended by Hon'ble Ministers / High level dignitaries from 29 countries including India along with representatives from council member states of ICAO and 10 international organisations such as IATA, ACI, CANSO, EASA, AAPA etc. As a major achievement, Delhi Declaration was proclaimed by Hon'ble Prime Minister of India during the conference.

Event also marked the celebration of 80th anniversary of ICAO by way of planting of 80,000 saplings under the theme "Ek Ped Maa Ke Naam".

1.2 BHARATIYA VAYUYAN ADHINIYAM, 2024

The Bharatiya Vayuyan Vidheyak, 2024 was passed by Lok Sabha on 09.08.2024 and by Rajya Sabha on 05.12.2024. The Bill, after receiving assent from the President, has been notified on 11.12.2024 and has come into force w.e.f. 01.01.2025.The Bharatiya Vayuyan Adhiniyam, 2024 is a legislative reform aimed at modernizing India's aviation sector by re-enacting the Aircraft Act, 1934, in alignment with contemporary needs and global standards. In line with the Prime Minister's call to remove colonial-era influences, this Adhiniyam addresses the need for clarity, efficiency, and ease of doing business in the aviation industry.

The new legislation will foster indigenous manufacturing under Make in India and Atmanirbhar Bharat initiatives, align with international conventions like the Chicago Convention and ICAO, and streamline regulatory processes, such as simplifying the issuance of licenses. The Adhiniyam removes redundancies and provides provisions for appeals. Ultimately, the Bharatiya Vayuyan Adhiniyam, 2024 aims to revolutionize India's aviation sector, enhancing safety, innovation, growth, and global compliance.

1.3 MAINTENANCE, REPAIR AND OVERHAUL (MRO) IN AVIATION SECTOR

The Government has introduced several policies and regulations to bring India's MRO sector at par with global peers and support growth of MRO industry in India. In a major boost to the domestic MRO industry and to the aviation sector, the Government has announced on 12th July, 2024 that a uniform rate of 5% IGST will apply to imports of Parts components, testing equipment, tools and tool-kits of aircraft, irrespective of their HSN classification subject to specified conditions. Previously, the varying GST rates of 5%, 12%, 18%, and 28% on aircraft components created challenges, including an inverted duty structure and GST accumulation in MRO accounts. This new policy eliminates these disparities, simplifies the tax structure, and fosters growth in the MRO sector. Further, as part of the announcements made in Union Budget 2024-25, the period for export of goods imported for repairs has been extended from six months to one year. Also, the time-limit for re-import of goods for repairs under warranty has been extended from three to five years.

1.4 EXPANSION/ UPGRADATION OF AIRPORTS

The year has witnessed several significant upgrades and developments in airport infrastructure, as outlined below:

- The New Terminal Building at Tiruchirappalli International Airport was inaugurated on 02.01.2024. Developed at a cost of more than 1100 crore, the two-level new international terminal building can serve more than 44 lakh passengers annually and about 3500 passengers during peak hours.

- The link building connecting Terminal 1 (T1) and T2 at Biju Patnaik International Airport, Bhubaneswar constructed at a cost of Rs 87.21 Cr. and covering 3360 sqm. area, has been inaugurated on 06.02.2024. It will enable the passengers travelling in T2 (International Terminal) to make use of Passenger Boarding Bridge (PBB) facility available in T1.

- New Terminal Building (Phase-II) at Dehradun Airport has been inaugurated on 14.02.2024. The total cost of the entire project completed in two phases is Rs. 486 Cr. and the overall area of the Terminal Building has been increased to 42,776 sqm. on completion of both the phases. The terminal will be able to serve 3240 passengers during peak hours and 47 Lakh passengers annually.

- Civil Aviation Research Organization (CARO) has been established at Begumpet Airport, Hyderabad at a cost of ₹346 Cr. in an area of 39,080 Sqm. to provide a global research platform for the aviation community through in-house and collaborative research to provide indigenous and innovative solutions. The research facility has been inaugurated on 05.03.2024.

- New Terminal Buildings at Pune, Kolhapur, Gwalior, Jabalpur, Delhi (T1), Lucknow (T3), Aligarh, Azamgarh, Chithrakoot, Moradabad, Shravasti and Adampur Airports have been inaugurated on 10.03.2024. The 12 new Terminal Buildings constructed at a combined cost of about Rs. 8900 Cr. will have a combined capacity to serve more than 6 Crore passengers annually.

- The foundation stones of the new Terminal Buildings at Kadapa, Hubballi and Belagavi Airports were laid on 10.03.2024. Total combined cost of these three projects has been estimated at Rs. 900 Cr. Once completed, the combined passenger handling capacity of these airports will increase to 95 Lakh passengers per annum.

- Solapur Airport in Maharashtra has been developed at an estimated cost of Rs.64.95 Cr. The new terminal, spanning 1152 sqm, is designed to accommodate 150 passengers during peak hours, with an annual capacity of 4.1 lakh passengers. The new airport was inaugurated on 29.09.2024.

- New Terminal Buildings at Rewa, Sarsawa, and Ambikapur Airports with a total investment of ₹225 Crore have been inaugurated on 20.10.2024. The newly developed Terminal Buildings have been designed to accommodate 10 Lakh passengers annually, marking a significant enhancement in passenger handling capabilities.

- Foundation stones of four New Terminal Buildings at Varanasi, Agra, Darbhanga, and Bagdogra Airports with a substantial investment of ₹5,910 Crore were laid on 20.10.2024. The four proposed Terminal Buildings at Varanasi, Agra, Darbhanga, and Bagdogra Airports will have the combined capacity to serve more than 2 crore 30 Lakh passengers per annum upon completion.

- Terminal 1 of the Jaipur international airport was inaugurated on 26.10.2024 for arrival and departure of international flights exclusively.

1.5 GREENFIELD AIRPORTS

Government of India (GoI) has formulated a Greenfield Airports (GFA) Policy, 2008 which provides guidelines, procedure and conditions for establishment of new Greenfield Airports in the country. As per Policy, an airport developer, including the State Government, willing to establish an airport is required to send a proposal to Ministry of Civil Aviation (MoCA), in the prescribed format for a 2-stage approval process i.e. 'Site Clearance' followed by 'In-

Principle' approval.

Government of India has so far accorded 'In-principle' approval for setting up of 21 Greenfield Airports across the country namely; Mopa in Goa, Navi Mumbai, Shirdi and Sindhudurg in Maharashtra, Kalaburagi, Vijayapura, Hassan and Shivamogga in Karnataka, Dabra (Gwalior) in Madhya Pradesh, Kushinagar and Noida (Jewar) in Uttar Pradesh, Dholera and Rajkot in Gujarat, Karaikal in Puducherry, Dagadarthi, Bhogapuram and Oravakal (Kurnool) in Andhra Pradesh, Durgapur in West Bengal, Pakyong in Sikkim, Kannur in Kerala and Itanagar in Arunachal Pradesh.

Out of these, 12 Greenfield airports, namely Durgapur, Shirdi, Sindhudurg, Pakyong, Kannur, Kalaburagi, Oravakal (Kurnool), Kushinagar,

Itanagar, Mopa, Shivammogga and Rajkot have been operationalized.

Further, development works at two major airport projects i.e. Noida (Jewar) and Navi Mumbai International Airports are at advance stage of completion and these airports are targeted for operationalization in 2025.

Besides, GoI has also granted 'Site Clearance' for construction of 9 Greenfield airports namely Alwar in Rajasthan, Singrauli in Madhya Pradesh, Mandi in Himachal Pradesh, Kottayam in Kerala, Puri in Odisha, Doloo in Assam, Parandur in Tamil Nadu, Kota in Rajashtan and Raichur in Karnataka. Among these, 'Site Clearance' to 4 Greenfield Airport projects viz. Doloo, Parandur, Kota and Raichur has been granted during 2024.
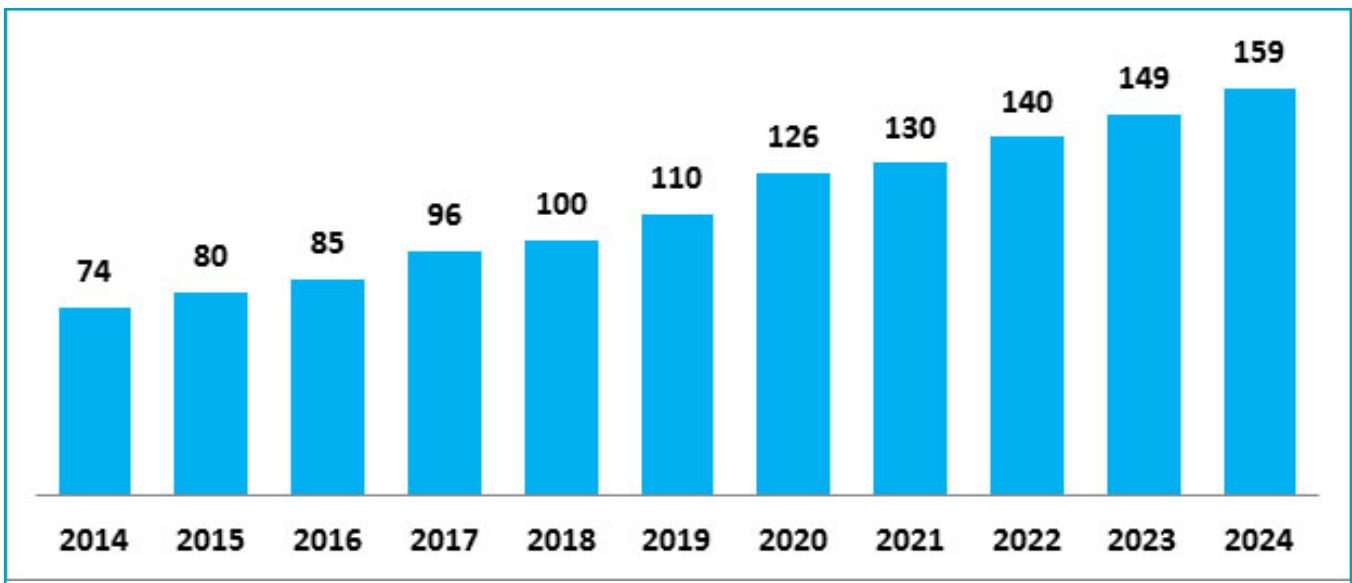
Total No. of Airports as on 31.12.2024

1.6 PASSENGER GROWTH

DOMESTIC ROUTES

During the FY 2023-24, Scheduled domestic airlines operated a total number of 10.6 lakh scheduled flights carrying a total of 153.7 million scheduled passengers as against 10.0 lakh scheduled flights carrying a total of 136.0 million scheduled passengers during the previous financial year 2022-23. The number of domestic passengers carried by scheduled domestic Indian Carriers has witnessed a growth of 13 percent in the year 2023-24 as compared to the previous FY 2022-23.

In FY 2024-25 (Provisional-up to Dec) the

domestic airlines operated a total number of 8.49 lakh scheduled flights carrying a total of 122.2 million scheduled passengers.

INTERNATIONAL ROUTES

During the FY 2023-24, a total of 66.8 million passengers were carried on international routes by Scheduled Indian/foreign carriers as against 54.6 million in the corresponding period in FY 2022-23, thereby witnessing a growth of 22.3%. Out of the 66.5 million passengers, 29.6. Million passengers were carried by Scheduled Indian carriers while 36.9 million passengers were carried by scheduled foreign carriers during the FY 2023-24.

In FY 2024-25-(Provisional-up to December), a total of 53.2 million passengers were carried on international routes by Scheduled Indian/ foreign carriers. Out of 53.2 million passengers, 24.7 passengers were carried by Scheduled Indian carriers, while 28.05 million passengers were carried by Scheduled Foreign carriers during 2024-25(Provisional-up to December)

1.7 SCHEDULED OPERATORS

As on 31.12.2024, there are Twelve (12) Scheduled/Scheduled Commuter operators Holding Air Operator Certificate (AOC) and endorsed with 834 aircraft viz. Air India Ltd. (Air India), Air India Express Ltd. (Air India Express), Alliance Air Aviation Ltd. (Alliance Air), Big Charter Pvt. Ltd. (Fly Big), GSEC Monarch and Deccan Aviation Pvt. Ltd. (IndiaOne Air), Ghodawat Enterprises Pvt. Ltd. (STAR AIR) InterGlobe Aviation Ltd. (Indigo), Just Udo Aviation Pvt. Ltd. (FLY91), SNV Aviation Pvt. Ltd. (Akasa Air), Spice Jet Ltd. (Spice Jet) Operating in the International/domestic sector providing a wide choice of flights and connectivity to various parts of India. In addition to this, there are two cargo airlines viz. Blue Dart Aviation Ltd. (Bluedart) And QuikJet Cargo Airlines Pvt. Ltd. (QuikJet) Operating scheduled cargo services in

the country. Further, SpiceJet Ltd. IndiGo is also undertaking Cargo Operations with exclusive three (3) B737-800 & three (03) A321 freighter aircraft.

During the period from 01.01.2024 to 31.12.2024 the aircraft fleet of Scheduled/Scheduled Commuter operators has been increased from 771 to 834.

1.8 NON-SCHEDULED OPERATORS

As on 31.12.2024 there are 119 Non-Scheduled operators holding Air Operator Permit (AOP) endorsed with 427 aircraft for undertaking non-scheduled air transport services.

During the period from 01.01.2024 to 31.12.2024, 13 new AOP were issued.

1.9 REGIONAL CONNECTIVITY SCHEME (RCS-UDAN)

• Regional Connectivity Scheme (RCS) UDAN (Ude Desh Ka Aam Nagrik) is a key component of the National Civil Aviation Policy (NCAP), 2016 which was released by the Ministry of Civil Aviation (MoCA) on 15.06.2016. In line with NCAP-2016, Ministry of Civil Aviation (MoCA) launched Regional Connectivity Scheme (RCS-UDAN) on 21.10.2016 which will be applicable for a period of 10 years from the date of its notification by the MoCA. The first RCS UDAN flight was inaugurated by Hon'ble Prime Minister on 27.04.2017 from Shimla to Delhi.

• UDAN, Government of India's flagship scheme aims to create affordable, yet economically viable and profitable air travels on regional routes. New routes and new airports are added to the civil aviation landscape of the country.

• Cabinet Committee on Economic Affairs (CCEA), Govt. of India has approved the revival and development of un-served

and under-served airports of State Govt., AAI, Civil Enclaves, CPSUs, Helipads and Water Aerodromes at the total cost Rs.4500 Crores. In addition to the above, Expenditure Finance Committee (EFC), Govt. of India also approved an amount of Rs.1000 Crores for the development of 50 more airports, heliports and water aerodromes under the UDAN scheme. An amount of INR 4141.90 Cr. has been incurred for revival/development of airports under RCS as on 30.11.2024.

- UDAN is a demand-driven scheme wherein airline operators assess the feasibility of operating on a particular route and submit bids under the scheme, including those requiring upgrade/development for commencement of UDAN operations under the Revival of Unserved and Underserved Airports scheme. Routes are allocated through competitive bidding in a transparent manner. The RCS scheme also mandates Regional Connectivity Fund allocation to regions in a manner that promotes balanced growth/regional connectivity in different parts of the country.

- The scheme is being implemented in multiple phases, inviting bids for new routes and airports. This phased rollout and a robust public-private partnership along with regular monitoring and evaluation by AAI and MoCA ensure comprehensive and effective implementation.

  o Concessions to participating airlines: The scheme provides financial support (Viability Gap Funding) to airlines to bridge the gap between operational costs and expected revenue, as well as various other concessions by the central government, state government, and airport operators to the selected airline operator.

  o Reduced Operational Costs: Airlines benefit from concessions on airport charges, reduced VAT and excise duty on Aviation Turbine Fuel (ATF), and infrastructure support.

- RCS-UDAN is contributing to the growth of the civil aviation industry as new and successful airlines have emerged in the last six years such as Fly Big, Star Air, India One Air and Fly91; and their successful run is evidence of the scheme's creation of an amiable ecosystem conducive to airline business.

- This augmentation encompasses a comprehensive range of aircraft and encompasses helicopters, seaplanes, 3-seat propeller planes, and jet planes. Presently, a diversified fleet, including Airbus 320/321, Boeing 737, ATR 42 and 72, DHC Q400, Twin Otter, Embraer 145 and 175, Tecnam P2006T, Cessna 208B Grand Caravan EX, Dornier 228, Airbus H130, and Bell 407 is actively serving on the RCS routes. The heightened demand for aircraft is substantiated by Indian carriers' orders, which exceed 1,000 aircraft slated for delivery over the next 10-15 years, representing a significant augmentation of India's existing fleet, which currently comprises approximately 800 planes operated by various airlines.

- During the last seven years after commencement of the scheme, 887 valid available RCS routes allotted to various airlines and out of which 619 RCS routes connecting 88 unserved and underserved airports (including 13 heliports & 02 water aerodromes) have been operationalized till date.

- Total domestic passengers travelled through RCS-UDAN are more than 148 lakhs connecting 2.94 Lakh RCS flights till date. The Viability Gap Funding (VGF) disbursed by RACFT to Selected Airline Operators (SAOs) is 3933.36 Crore.

Impact of the Scheme thus far

Ministry of Civil Aviation
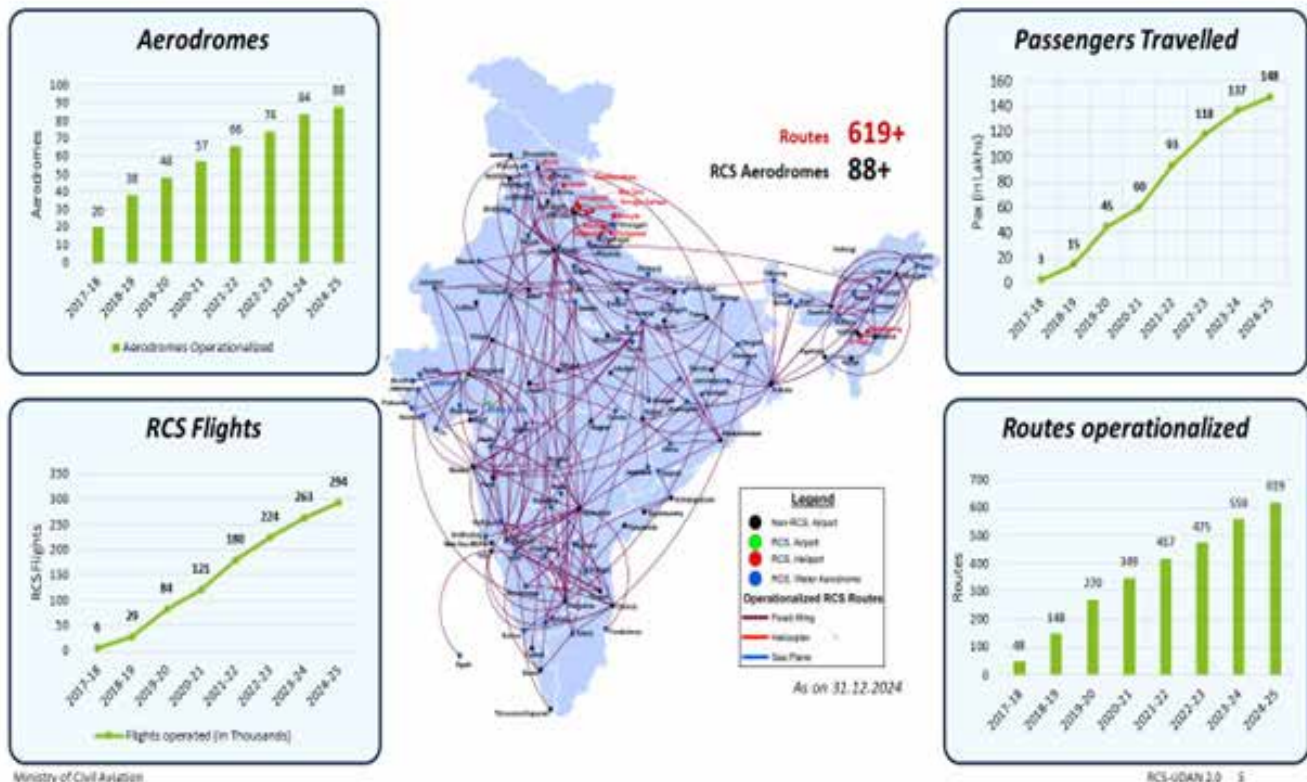
Status of North Eastern Region under UDAN

During five round of bidding, 154 valid fixed wing and Helicopter routes are awarded in North Eastern States and 90 Priority RCS routes operationalised, which will help in attracting tourist, investors and add to ease of doing business. 12 airports/Heliports/Water Aerodromes have been operationalised under the UDAN scheme in NER

NSOP Guidelines for Seaplane Operations launched by Shri Rammohan Naidu Kinjarapu, Honorable Minister of Civil Aviation on 22 August, 2024 Recognizing the immense potential of seaplane operations to tap into our vast coastlines and numerous water bodies, the Government has taken a groundbreaking step by formulating the Guidelines for Seaplane NSOP operations under the Regional Connectivity Scheme – UDAN. This initiative is designed to create an enabling ecosystem for safe, efficient, and sustainable seaplane services across India. Seaplanes will seamlessly complement our existing fixed-wing and helicopter operations under UDAN, significantly enhancing regional and remote connectivity while making air travel accessible to the masses.

1.10 DIGI YATRA

Digi Yatra is an initiative conceived to achieve contactless, seamless processing of passengers

at Airports based on Facial Recognition Technology (FRT). This initiative basically envisages that any traveler may pass through various check points at the airport through a paperless and contactless processing using facial features to establish the identity.

Digi Yatra has been launched at 24 airports namely Delhi, Bangalore, Varanasi, Pune, Kolkata, Vijayawada, Hyderabad, Mumbai, Ahmedabad, Jaipur, Guwahati, Lucknow, Cochin, Chennai, Bagdogra, Bhubaneswar, Coimbatore, Dabolim, Indore, MoPA Goa, Patna, Raipur, Ranchi and Vishakhapatnam.

Since its launch, more than 04.14 Crore passengers have availed the facility of Digi Yatra to travel through the airports. Digi Yatra App is available on android as well as iOS platform and has been downloaded by over 92.3 Lakh users so far. Eventually, all the airports will be covered with Digi Yatra in a phased manner.

1.11 CAPEX PLAN

Under National Infrastructure Pipeline (NIP), CAPEX of more than Rs. 91,000 crore is envisaged for airport infrastructure development during the period FY 2019-20 to FY 2024-25, where the share of AAI is approx. Rs. 25,000 crore and remaining expenditure is to be borne by Airport Developers under PPP mode. Expenditure of approx. Rs. 84,300 crore has been incurred under NIP from FY 2019-20 till December, 2024.

1.12 AIRPORTS ON 100% GREEN ENERGY

Use of conventional sources of energy is the prime source of carbon emission at airports and thus, replacing non-renewable energy with green energy helps in reducing the carbon footprint of the airport. Therefore, Ministry of Civil Aviation has advised all the operational airports with scheduled operations and developers of the upcoming Greenfield Airports to work towards achieving Carbon Neutrality & Net Zero which inter-alia includes use of green energy. As on 31.12.2024, 80 airports have switched over to 100% green energy usage. Bengaluru Airport has achieved the highest Carbon Accreditation Level 5 of Airports International Council (ACI), whereas Airports viz. Delhi, Mumbai and Hyderabad have achieved Level 4+ ACI accreditation. These four airports have become Carbon neutral.

1.13 FLEXIBLE USE OF AIRSPACE

In the past, about 40% of the airspace was unavailable for civilian use. This resulted in aircraft adopting circuitous routes to reach their destinations – leading to inefficient use of fuel and time along with avoidable extra expenditure. IAF controls 30% of national airspace out of which 30% has been released as upper airspace under Flexible Use of Airspace. As part of 'Atmanirbhar Bharat', IAF has agreed to release these portions of airspace for civilian use. Till date 132 Conditional Routes (CDRs) have been promulgated. This will lead to significant savings in flight time, fuel usage and reduction in carbon emission. Total savings so far from August 2020- Rs. 895.1 crore and total CO_2 reduction is 1.95 lakh tons.

1.14 ICAO AUDIT OF BCAS

International Civil Aviation Organisation (ICAO) Universal Audit Program- Continuous Monitoring Approach (USAP-CMA) Aviation Security Audit of BCAS was completed on 06.09.2024.
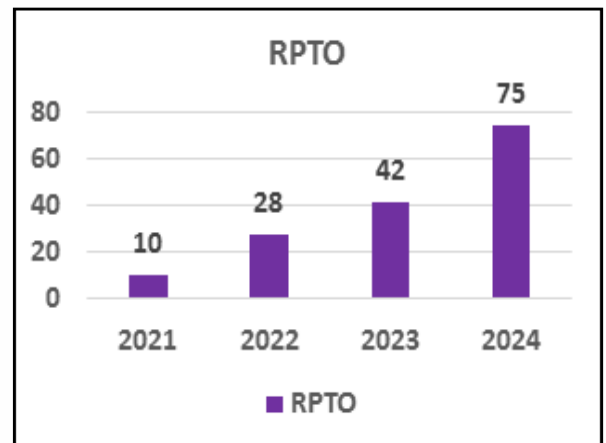
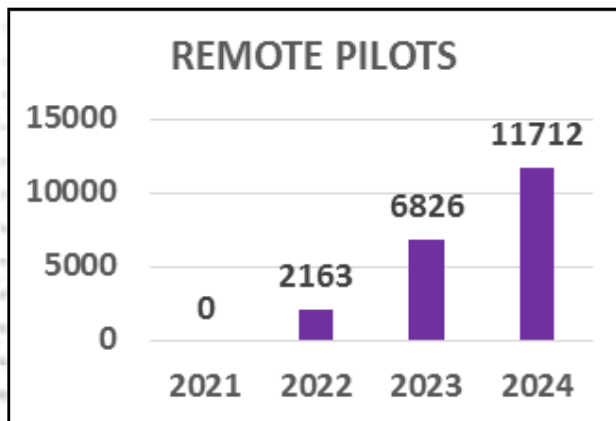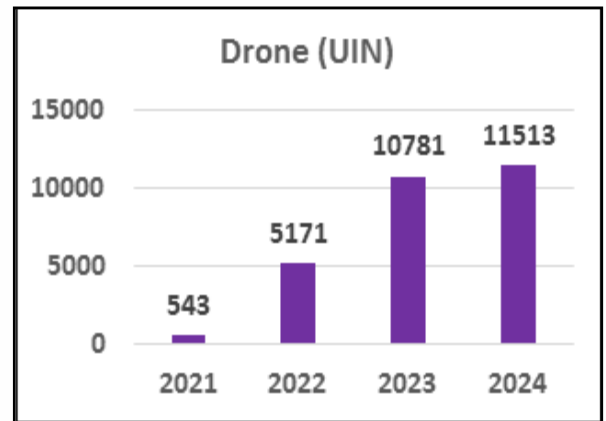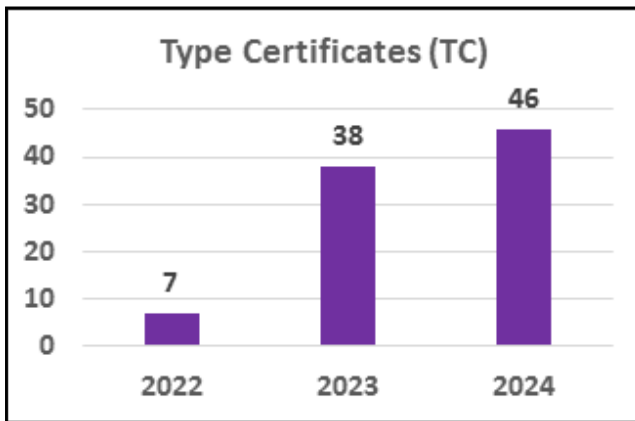## 1.15 NOTIFICATION OF AIRCRAFT (SECURITY) AMENDMENT RULE, 2024

Aircraft (Security) Amendment Rules, 2024 notified in the Gazette of India on 09.12.2024 empowering DG, BCAS to refuse admission to any person or group of persons in the aircraft;

or require any person or group of persons to leave the aircraft in the interest of security and communicating false information to jeopardize the safety and security of an aircraft, aerodrome or civil aviation facility or both or cause panic among passengers, crew and ground personnel or the general public.

1.16 DRONES

Significant milestones have been achieved during the calendar year 2024 (1st January to 30th December). A total of 75 Remote Pilot Training Organization (RPTO) authorizations were issued, along with 46 Type Certificates. Additionally, 11,513 Unique Identification Numbers (UINs) were generated. The Directorate conducted 34 surveillance operations of RPTOs and Type Certificate holders. Noteworthy progress was made in drone training, including the revision of Drone Training Circular (DTC) 01 of 2023 on 21st August 2024. Furthermore, six RPTOs were upgraded from the Small Class to the Rotorcraft Medium Class category. A total of 3,015 Remote Pilot Certificates (RPCs) were generated online, with an additional 8,697 issued offline. To ensure compliance with the Drone Rules, 2021, penalties amounting to ₹8,45,000 were imposed on RPTOs and UAS manufacturers for violations. These achievements underscore the Govt.'s commitment to enhancing drone regulations and operations in India.

Type Certificates (TC)

Year	2022	2023	2024
TC	7	38	46

Drone (UIN)

Year	2021	2022	2023	2024
UIN	543	5171	10781	11513

REMOTE PILOTS

Year	2021	2022	2023	2024
Remote Pilots	0	2163	6826	11712

RPTO

Year	2021	2022	2023	2024
RPTO	10	28	42	75

1.17 COMMERCIAL PILOT LICENSES

The Directorate General of Civil Aviation (DGCA) issued 1,347 Commercial Pilot Licenses (CPLs) in 2024, marking the second-highest number in a single year over the past seven years. The number of CPLs issued in India over the last Seven years is as follows:

DGCA has processed 27532 number of flight crew licensing issues and renewal applications in the year 2024 through the single window digital platform of eGCA. The details of Pilot licenses & Ratings issued in the year 2024 are as follows:

S. No.	Type of Licenses/Ratings	No. of Licenses/Ratings issued
1.	Commercial Pilot Licenses (CPL)	1347
2.	Airline Transport Pilot Licenses (ATPL)	561
3.	Other Licenses(PPL, FRTOL-R, FRTOL)	3083
4.	Authorizations & Ratings (FATA, FATA–Ext., FIR, AFIR, IR, Open Rating,P2, P1 Endorsement)	8659
	Total	13650

1.18 MoU SIGNED BETWEEN INDIA AND OTHER COUNTRIES

Thailand: An MoU was signed between India and Thailand on 15.03.2024 where both sides agreed to enhance the capacity entitlement for the designated airlines of each side by an additional 14,000 (7000 + 7000) seats per week in each direction in two phases i.e. Phase-I & Phase-II, over and above the existing entitlements. Further, on the request of Indian side, four new points namely Chiang Rai, Hat Yai, Surat Thani, and Udon Thani were agreed by Thai side as additional points of call for Indian designated airlines.

United Kingdom: An MoU was signed with the UK on 01.05.2024, wherein both sides inter-alia agreed to enhance the capacity entitlement on the routes London Heathrow-Delhi and London Heathrow-Mumbai, and vice versa, up to a combined total of 70 (seventy) services per week, with any type of aircraft for the designated airlines of the UK and India.

Seychelles: An MoU was signed with Seychelles on 08.05.2024, wherein 04 additional points i.e. Goa, Lucknow, Bhuj and Tiruchirappalli were made available to the designated airlines of Seychelles for domestic code share operations and any point(s) in the Seychelles were made

available to the designated airlines of India for domestic code share operations.

Republic of Korea: An MoU was signed with Republic of Korea on 30.05.2024, wherein Korean carriers were allowed to operate non-scheduled all-cargo services on route ("Incheon --- Hanoi/Kuala Lumpur --- New Delhi/Mumbai --- Vienna/Milan/Brussels"), for a further period of one year i.e. up to 30.06.2025. Further, both sides agreed to continue discussions on the increase in capacity entitlement and Domestic code sharing.

Ethiopia: An MoU was signed with Ethiopia on 30.07.2024, wherein air capacity on the India-Ethiopia route was enhanced by 3 additional services per week in each direction and both sides agreed that the designated airlines of each contracting party shall be entitled to now operate a total of 38 services per week in each direction with any type of aircraft not exceeding the capacity of a B747-400 aircraft. It was also agreed by both sides that the designated Indian carriers shall be entitled to operate to 'Any Point' in Ethiopia.

International Civil Aviation Negotiations, 2024: A delegation from MoCA attended the 16th International Civil Aviation Negotiations 2024 Event (ICAN) held in Kuala Lumpur, Malaysia wherein negotiations were held with 20 countries namely Bahrain, Turkiye, Vietnam, Italy, Russia, Switzerland, Saudi Arabia, Oman, Netherlands, Singapore, Uzbekistan, Uganda, Austria, Seychelles, UK, Somalia, USA, Kuwait, Malaysia and Kyrgyzstan to discuss various air services matters. As a major achievement, the capacity entitlement in respect of Uzbekistan has been enhanced from the existing 18 services per week to a total of 28 frequencies per week in each direction and for Vietnam the overall capacity entitlements has been enhanced from 28 services/week to 42 services/week in each

direction. This will lead to increased connectivity with Uzbekistan and Vietnam.

1.19 OPEN SKY ARRANGEMENTS WITH FOREIGN COUNTRIES

As per the National Civil Aviation Policy, 2016, Open Sky Arrangement allows unlimited flights over and above the existing bilateral rights directly to/from 6 Indian Metro Airports (Delhi, Mumbai, Kolkata, Chennai, Hyderabad and Bengaluru). Presently, India has open sky arrangements with 24 countries viz. USA, UK, Mexico, Bhutan, Czech Republic, Finland, Greece, Guyana, Jamaica, Serbia, Spain, Sri Lanka, Botswana, Japan, Malta, Morocco, Netherlands, Switzerland, Tanzania, Zambia, Australia, Maldives, Canada and New Zealand.

1.20 SUSTAINABLE AVIATION

A Meeting on Sustainable Aviation, Co-Chaired by Hon'ble Minister of Civil Aviation and Hon'ble Minister of Petroleum and Natural Gas was held on 10.10.2024 at Ministry of Civil Aviation. The agenda of the meeting was to discuss Sustainable Aviation, CORSIA, Sustainable Aviation Fuel (SAF) and related International Civil Aviation Organisation (ICAO) regulations.

The meeting was attended by representatives of Directorate General of Civil Aviation (DGCA), Airports Authority of India (AAI), Ministry of Petroleum & Natural Gas (MoPNG), Ministry of Environment Forest and Climate Change (MoEF&CC), Ministry of Power (MoP), Bureau of Energy Efficiency (BEE), Council of Scientific & Industrial Research (CSIR), Indian Oil Corporation Limited (IOCL), Hindustan Petroleum Corporation Limited (HPCL), Bharat Petroleum Corporation Limited (BPCL), Mangalore Refinery and Petrochemicals Limited (MRPL), Air India, Indigo, Delhi International Airport Limited (DIAL), Noida International Airport Limited (NIAL), Boeing and Airbus.

During the meeting, the following were inter-alia decided:

- To form a dedicated Working Group on sustainable aviation, steered by MoCA, which will meet periodically to deliberate on pertinent issues.

- To establish two sub-working groups namely 'Sub-working group on Sustainable Aviation Fuel' and 'Sub-working group on Carbon markets' under the aegis of the Working Group to accelerate processes relating to Sustainable Aviation initiatives.

- To explore engagement of the Bureau of Indian Standards (BIS), as the nodal agency, for the certification process concerning SAF in India.

1.21 SEVENTH US-INDIA AVIATION SUMMIT

Seventh US-India Aviation Summit was held on 24th-26th June, 2024 at Washington D.C, U.S.A. The Summit offered a technical, policy and commercial forum to assist Indian Civil Aviation agencies and aviation industry representatives, including Indian private sector airlines and airport operators, identify and specify advanced U.S. technologies and practices that would best suit their expansion and modernization needs.

1.22 AIRCRAFT LEASING

The aviation industry in India is on the cusp of unprecedented growth, with a strong order book of more than 1900+ aircraft placed by major Indian airlines. The aircraft leasing and financing business, which is the most profitable segment in the entire aviation value chain, has been entirely residing in foreign jurisdictions. In a bid to rectify this situation, The International Financial Services Centres Authority (IFSCA) has been established on 27 April, 2020 under the International Financial Services Centres Authority Act, 2019 at GIFT City, Gandhinagar

in Gujarat. Government of India has also taken important steps in Aircraft Leasing and Financing ecosystem through promotion of International Financial Services Center (IFSC) at GIFT City. These steps have started yielding results with Air India acquiring six (6) A350-900 - wide body aircraft and two (2) A320 Neo - narrow body aircraft via a finance lease transaction through IFSC. Also, IndiGo have established its leasing arm in the GIFT City and have leased twenty-four (24) A321 Neo - narrow body aircraft via a finance lease deal. This is a landmark step for aircraft leasing in India and will go a long way in developing India as a preferred destination for aircraft leasing. With the enablers in place, from a zero base in 2014, as of 31 December, 2024, 33 Aircraft leasing entities have registered (including provisional) in GIFT-IFSC for undertaking aircraft leasing business, which have leased 116 Aviation Assets including 63 aircraft and 53 engines.

1.23 GROWTH OF AIR CARGO IN THE COUNTRY

- AAICLAS has commenced International Air Cargo operations through new interim facility with Regulated Agent (RA) operations at Pune Airport on 10-01-2024.

- AAICLAS has commenced International Air Cargo operations with Regulated Agent (RA) at Bhubaneswar, Goa and Guwahati.

- AAICLAS has commenced Domestic Air Cargo operations with Regulated Agent (RA) at Coimbatore and Goa.

- AAICLAS has commenced Domestic In-line Hold Baggage Screening System operations (ILHBS) at 7 airports, namely Pune, Dehradun, Bhubaneswar, Indore, Gwalior, Tiruchirappalli and Ranchi.

- Domestic inbound cargo operations commenced from Agartala airport on 26-01-2024 from new cargo building.

- AAICLAS has received "excellent" in MoU rating for the FY 2022-23 with MoU score of 91.63.

- Over the period from Apr'24 to Oct'24, a significant 19.9% growth in the international air cargo, 7.8% growth in domestic air cargo and overall 15% growth has been observed has been observed in air cargo tonnage on Pan India basis, as compared to Apr'23 to Oct'23.

- M/s Omega Enterprises commenced domestic air cargo operations at Vijayawada on 01.07.2024 and at Visakhapatnam on 08.07.2024, respectively, as a Regulated Agent (RA) with the approval of BCAS.

- M/s Rahul Roadways received the approval from BCAS as Regulated Agent (RA) for handling of domestic cargo operations at Surat Airport on 30-07-2024 and commenced the domestic cargo operations on 05-08-2024

- AAICLAS Kolkata handled trans-shipment consignment of imported helicopter for the sector Doha-Delhi-Kolkata-Bhutan through bonded trucks on 10-10-2024.

- Since the recommencement of International cargo operations under the new custodianship of AAICLAS, Guwahati airport exported more than 3 tonnes Indian Fresh Khasi Mandarin (Orange) to Dubai.

- Cargo performance for Jan-Nov, 2024 in Lakh MT is as follows:

International	Domestic	Total
21.21	12.63	33.84

1.24 UPDATION OF NATIONAL AvSec DOCUMENTS

National Aviation Security Documents i.e. National Civil Aviation Security Program (NCASP), 2024, National Civil Aviation Security Quality Control Program (NCASQCP), 2024 and National Civil Aviation Security Training Programme (NCASTP), 2024 have been updated and issued on 21.02.2024.

1.25 AMENDMENTS TO HEIGHT RULES

Existing Height Rules governing height of the buildings around airports amended vide GSR335(E) to ensure that infrastructure created at the airports may be utilized to the maximum extent without compromising the safety of aircraft operations.

2. MINISTRY OF CIVIL AVIATION

2.1 ORGANIZATION

Ministry of Civil Aviation (MoCA) has following organizations under its administrative control:-

Attached Offices / Organizations

- Directorate General of Civil Aviation (DGCA)
- Bureau of Civil Aviation Security (BCAS)
- Commission of Railway Safety (CRS)
- Aircraft Accident Investigation Bureau (AAIB)

Autonomous Body

- Airports Economic Regulatory Authority (AERA)
- Indira Gandhi Rashtriya Uran Akademi (IGRUA)
- Rajiv Gandhi National Aviation University(RGNAU)

Public Sector Undertakings

- Airports Authority of India (AAI)
- Pawan Hans Limited (PHL)
- AI Asset Holding Limited (AIAHL) and its subsidiaries including Alliance Air

2.2 The Ministry of Civil Aviation is responsible for formulation of national policies and programmes for the development and regulation of the Civil Aviation sector in the country. It is responsible for the administration of the Bharatiya Vayuyan Adhiniyam, 2024 and various other legislations, rules pertaining to the aviation sector in the country.

2.3 In addition to primary functions of framing of policies, the Ministry provides guidance to the organizations in the implementation of policy guidelines, monitors and evaluates their activities and also provides their interface with Parliament. It also supervises implementation of special programmes of the Government, particularly those intended for weaker sections of society.

2.4 Secretary, Ministry of Civil Aviation is assisted by four Joint Secretaries, one Senior Economic Advisor, one Deputy Director General, one Joint Secretary & Financial Advisor, one Chief Financial Controller, ten officers of the level of Director/Deputy Secretary/Joint Director/ Financial Controller and eleven officers of the level of Under Secretaries/Assistant Financial Controller. Functions of the Ministry are distributed amongst eighteen sections.

ORGANIZATIONAL STRUCTURE OF MINISTRY OF CIVIL AVIATION

Shri Kinjarapu Rammohan Naidu
Hon'ble Minister of Civil Aviation

Shri Murlidhar Mohol
Hon'ble Minister of State for Civil Aviation

Shri Vumlunmang Vualnam
Secretary, Civil Aviation
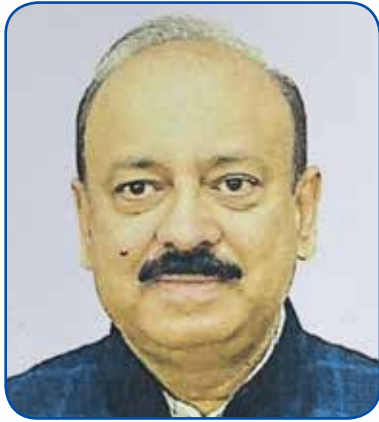
Shri Piyush Srivastava
Sr. Economic Advisor

Ms Rubina Ali
Joint Secretary

Shri Shobhit Gupta
Joint Secretary

Shri Asangba Chuba Ao
Joint Secretary

Shri Padam Lal Negi
Joint Secretary & Financial Advisor

Shri Pramod Kumar Thakur
Deputy Director General

Shri Madhusudan Sankar
Joint Secretary

Shri Avatar Singh Sandhu
Chief Financial Controller

Heads of Attached Offices:

- Directorate General of Civil Aviation: Shri Vikram Dev Dutt, IAS, Director General
- Bureau of Civil Aviation Security: Shri Zulfiquar Hasan, IPS, Director General
- Commission of Railway Safety: Shri Janak Kumar Garg, IRSEE, Chief Commissioner of Railway Safety
- Aircraft Accident Investigation Bureau: Shri G.V.G. Yugandhar, Director General

Heads of Autonomous Bodies:

- Airports Economic Regulatory Authority of India: Shri S.K.G. Rahate, IAS (Retd.) Chairperson
- Indira Gandhi Rashtriya Uran Akademi (IGRUA): Prof (Dr.) Bhrigu Nath Singh
- Rajiv Gandhi National Aviation University: Prof (Dr.) Bhrigu Nath Singh

Heads of Public Sector Undertakings:

- Airports Authority of India: Shri Vipin Kumar, IAS, Chairman
- Air India Assets Holding Limited: Shri Asangba Chuba Ao, CMD
- Pawan Hans Limited: Shri Sanjeev Razdan, CMD

2.5 RECORD MANAGEMENT

Record Retention Schedule of records relating to substantive functions of Ministry of Civil Aviation is available in the Ministry's website in compliance to the Right to Information Act., 2005.

2.6 IMPLEMENTATION OF e-HRMS

An online system viz. e-HRMS has recently been introduced by DoP&T as a flagship programme for various establishment work for recording and maintenance of Service records, leave, LTC, Advances & Reimbursement etc. Ministry of Civil Aviation is amongst the few Ministries which have been selected for implementation of e-HRMS in first phase.

2.7 PRESIDENT WITH THE PEOPLE

The Ministry of Civil Aviation, in coordination with Rashtrapati Bhawan, successfully conducted "The President with the People" event on 04th November 2024 at Rashtrapati Bhawan. The event celebrated Women Achievers in Aviation, featuring interactive sessions with the President of India, Smt. Droupadi Murmu, and discussions with the Hon'ble Minister of Civil Aviation, Shri Rammohan Naidu Kinjarapu. The 51 nominees engaged in meaningful discussions, sharing insights and fostering collaboration. The Ministry's meticulous planning ensured the event's smooth execution and active participation.

2.8 SPECIAL CAMPAIGN 4.0

The Special Campaign 4.0 on Swachhata and minimising pendency in government was conducted in all the Ministries/Departments across the country from 2nd - 31st October, 2024. Ministry of Civil Aviation also participated in the campaign and following progress was achieved:

- 847 sites were cleaned

- All identified pending PMO, MP and State Govt. References were disposed.

- 20725 Physical files were reviewed out of which 15197 files were weeded out.

- 16 Rules/Process were simplified

- A Revenue of Rs. 8908424 was generated during the campaign and 65508 Sq ft space was freed up by disposal of obsolete items

- A total of 223 Public Grievances and 64 Public Grievance Appeals were disposed of during the campaign.

Aviation Park at Rajiv Gandhi Bhawan: Hon'ble Minister Sh. Ram Mohan Naidu Ji inaugurated the Civil Aviation Park at the Ministry's premises along with Secretary Sh. Vumlunmang Vualnam Ji and other senior officials. The park, conceptualized and brought to life under the Hon'ble Minister's vision, beautifully integrates culture, history, and the environment while celebrating the journey of India's civil aviation sector. It features architectural pillars from various parts of the country, symbolizing the diversity and strength of the nation's aviation growth. As the highlight of the Ministry's initiatives under Special Campaign 4.0 for Swachhata, the park, with its abundant greenery and serene atmosphere, provides an inspiring space for ministry staff and the aviation fraternity

Creation of Medical Inspection at Rajiv Gandhi Bhawan, Ministry of Civil Aviation: Hon'ble Civil Aviation Minister Shri Ram Mohan Naidu Ji, unveiled the Medical Inspection Room via online mode, with a view to provide medical facilities to the employees working in Rajiv Gandhi Bhawan, New Delhi. Medical Inspection room was created under Special Campaign 4.0, after removing the lying unused and obsolete material and renovating it. In this room, a doctor's chamber, an examination room, visitor area and nursing station has been created. A doctor and a nurse will be available for service on all working days.

2.9 PUBLIC GRIEVANCES REDRESSAL MACHINERY

The Centralized Public Grievances Redressal and Monitoring Systems (CPGRAMS), which is a web-based on-line public grievance handling system, was introduced and developed by the Department of Administrative Reforms & Public Grievances (DARPG). The system has been implemented in the Ministry for prompt and effective disposal of the grievances from 01.01.2008.

During the period (01.01.2024 to 31.12.2024), a total of 6,070 public grievance cases were received on-line, out of which, 6,204 cases (including previous backlog), i.e. 102 % approximately, have been disposed of through the CPGRAMS. A Deputy Secretary level officer has been designated as the "Public Grievances Officer" in the Ministry. All organizations working under the administrative control of the Ministry too have full-fledged public grievance redressal machinery headed by respective designated "Nodal Officers".

2.10 RIGHT TO INFORMATION ACT, 2005

Right to Information Act, 2005 had been introduced to provide the citizens secure access to information under control of public authority. This also promotes transparency and accountability in the working of every public authority, as well as timely disposal of citizen's request.

To implement the Act, 13 CPIOs and 9 Appellate Authorities have been designated in this Ministry. With the increased awareness among the people about RTI Act, 2005, a large number of applications / appeals were received in this

year through online/mail. A total of 1492 applications and 49 appeals were received during (01.01.2024 to 31.12.2024). All efforts were made to dispose of these applications and appeals within the prescribed time.

2.11 VIGILANCE ACTIVITIES

The Vigilance Division of this Ministry is headed by a Chief Vigilance Officer (CVO) of the rank of Joint Secretary, appointed in consultation with the Central Vigilance Commission, who functions as the nodal point in the vigilance set up. The CVO is assisted by a Director, an Under Secretary and the Vigilance Section. The Vigilance Section, inter-alia, monitors and coordinates vigilance activities of the main Ministry as well as of Public Sector Undertakings, Attached/subordinate offices and Autonomous Bodies under the administrative control of the Ministry.

There are full time CVOs in Airports Authority of India, Pawan Hans Ltd., Directorate General of Civil Aviation and Bureau of Civil Aviation Security, who are appointed by ACC. While, main Ministry, CRS, AERA, AAIB, AIAHL, RGNAU, IGRUA have part-time CVOs, who are appointed in consultation with the CVC.

Preventive Vigilance: Preventive Vigilance is given priority attention with primary emphasis on identification of sensitive areas. The guidelines/instructions issued by the Department of Personnel & Training and Central Vigilance Commission from time to time in this regard are followed.

Agreed List and ODI List: 'Agreed List-2024' and 'List of officers of doubtful integrity-2024' were prepared and shared with CBI.

Disciplinary Cases: For the calendar year 2024, Opening Balance of disciplinary case was 01. Inquiry Report was received from the Inquiry Officer. In the year 2024, 2 disciplinary cases were initiated and the closing balance was 03.

Complaints: On 1st January 2024, Opening Balance (OB) of complaints was 09, complaints received during the period were 204, complaints

disposed were 185 and the closing balance was 28.

Reports:

• Probity Report containing details like minor penalty, major penalty (currently 1 case in the Ministry (Main)), Sanction for Prosecution, FR 56 (J) (review undertaken for 15 officers) etc. in respect of Ministry (main), AAIB and RGNAU is compiled and uploaded on DoPT's portal on monthly basis.

• Quarterly Performance Report relating to complaints, inspection, audit, pending inquiry, disciplinary proceedings, cases forwarded to CBI etc. is prepared and uploaded on the CVC's portal.

• Quarterly Performance Report on Action Plan for Anti-Corruption Measures relating to disciplinary cases, complaints, inspection etc. is prepared and forwarded to DoPT on Quarterly basis.

3 months campaign of Vigilance Awareness Week-2024:

• As a prelude to Vigilance Awareness Week-2024, the Central Vigilance Commission had advised all the organizations to undertake a three month campaign with preventive vigilance measures on 5 focus areas.

• Banners and posters were displayed at prominent locations in the office premises of the Ministry and the organizations under the Ministry.

• The 3 month campaign involved lectures by prominent faculties, focusing on the various key points given by CVC. Employees were sensitized during lectures on Ethics & governance, Conduct Rules, Systems and Procedures of the organization and Procurement. As, cyber awareness plays a very crucial part in being vigilant and secure, Vigilance Division with the help of SDIT Division, MoCA arranged webinar for spreading awareness amongst the

employees regarding cyber hygiene and Security.

Vigilance Awareness Week-2024:

- Vigilance Awareness Week was observed from 28th October to 3rd November 2024 with the theme "Culture of Integrity for Nation's Prosperity" in the main Ministry as well as Attached/Subordinate offices and Autonomous Bodies under this Ministry.

- It was commenced with the 'Integrity pledge' administered by Joint Secretary on 28.10.2024 at 11:00 am to the officers/officials of Ministry of Civil Aviation.

- Apart from above, a link for E-pledge (which was available on CVC website) was also provided on Ministry's website and all the officers and staff of the Ministry was encouraged to take E-pledge.

- To spread awareness amongst officials and realign them with the vigilance deeds, Vigilance Division of the Ministry organized several programs. The week-long programs included Picture Description writing, Quiz, Poster Making and Slogan Writing Competitions for officials of the Ministry. 5 prize winners were finalized from the entries of Poster making, slogan writing and picture description competitions, and the winners were felicitated by the Secretary, Civil Aviation with certificates. The slogans and posters of the winners were displayed at prominent places in the Ministry.

- All the activities conducted in the Ministry were widely publicized through social media such as Twitter, Instagram and Facebook.

1st Stage CVC Advice: First Stage Advice was sought from the Commission in respect of 2 cases, and FSA received in respect of 1 case.

Systemic Improvement: Two systemic improvements were sent to the concerned organizations for compliance.

Vigilance Clearance: During the duration of 1st January 2024 to 31st December 2024, more than 200 Vigilance Clearances were issued.

2.12 WELFARE OF SCHEDULED CASTES/ SCHEDULED TRIBES/OTHER BACKWARD CLASSES

A dedicated Cell looks after the liaison work relating to reservation for Scheduled Castes (SC), Scheduled Tribes (ST) and Other Backward Classes (OBC) in posts and services in the Ministry and its subordinate organizations. Similar cells also exist in various organizations of the Ministry. Inspection of Reservation Rosters maintained by various organizations of the Ministry is conducted periodically to ensure proper implementation of Government orders in respect of reserved categories. Orders / instructions issued by the Government with regard to reservation for SCs, STs and OBCs from time to time, are brought to the notice of all the organizations for implementation. All periodical returns on the subject are regularly furnished to the Department of Personnel & Training (DoPT) and to the Ministry of Social Justice and Empowerment. Representations/complaints/grievance petitions received from Scheduled Castes, Scheduled Tribes and Other Backward Classes' employees/their Associations are examined and remedial action taken wherever required.

SC/ST and OBC strength as on 31.12.2024

Out of total 162 employees of Ministry of Civil Aviation (Main Secretariat) the strength of SC/ST/OBC is as under:

Category	No. of Empls.
SC	19
ST	05
OBC	29

2.13 WELFARE OF SENIOR CITIZENS

In accordance with the guidelines issued by Ministry of Social Justice and Empowerment, and as envisaged in the 'National Policy on Older Persons', instructions have been issued to all concerned Organizations to ensure prompt, fair and humane treatment with senior citizens. Instructions have been issued from time to time for the following:-

- Remove all physical barriers to facilitate easy entry, movement and exit at all airports and in airlines;

- Change the design of the frisking booths in the security hold area so that the elderly are not required to climb and descend while undergoing security checks;

- Pay special attention for providing help / assistance to them particularly after alighting from vehicles at the airports and until the person reaches the check-in counters;

- Pay special attention to the elderly and those needing assistance at the booking offices of airlines;

- Give preference in reservation and earmarking of seats in the airlines;

- Give widows special consideration in the matter of settlement of benefits accruing/ compassionate appointments on the demise of the spouse; and

- Fix responsibility for any delay caused in the settlement of pension, provident fund, gratuity and other retirement benefits.

2.14 OFFICIAL LANGUAGE POLICY OF UNION

Ministry of Civil Aviation is committed to the effective implementation of the Official Language Policy of the Union, and due to these sincere efforts, the use of Official Language in the Ministry, is increasing successively. The summary of the efforts and the achievements of the year 2024-25, is given below:-

1. IMPLEMENTATION OF THE OFFICIAL LANGUAGE POLICY

The Official Language Division of the Ministry is headed by Senior Economic Advisor at Additional Secretary level. The Official Language Division is a complete Division with the sanctioned posts of one Director, one Deputy Director, two Assistant Directors, Two Senior Translation Officers, Two Junior Translation Officers, two Assistant Section Officers and one Personal Assistant. The Division duly monitors the implementation of the Official Language Policy of the union in the Ministry and its Attached offices/Autonomous Bodies/PSU's.

The Division is discharging its responsibility of translation of diverse material received from various Sections of the Ministry, from English to Hindi such as General Orders, Rules, Standard Forms, Notifications, Resolutions, Cabinet Notes (except the annexures relating to other Ministries/ Deptts.), Administrative and other Reports and Press Releases etc. referred to in section 3(3) of the Official Language Act, 1963, in addition to Parliamentary and Budgetary matters.

2. HINDI SALAHAKAR SAMITI

The reconstitution of the Hindi Salahkar Samiti of the Ministry is in process. The meeting of the Hindi Salahkar Samiti is chaired by the Hon'ble Minister of Civil Aviation / Hon'ble Minister of State. This committee consists of 15 non-official members, including 04 MPs from the Ministry of Parliamentary Affairs, 02 MPs from the Parliamentary Official Language Committee, 03 Hindi scholars from the Department of Official Language, 02 representative from the organization related to the promotion of Hindi and 04 representatives nominated from the Ministry. Besides, official member including Secretary of the Ministry, Additional Secretary, Joint Secretary Level officers and administrative heads of the offices under the Ministry are ex-officio members of the committee. For the reconstitution of the Hindi Salahkar Samiti, the names of 04 MPs were awaited from the Ministry of Parliamentary Affairs, which were received on 13 January 2025. Now, the process of constitution is being started quickly so that meetings can be held as soon as possible.

3. OFFICIAL LANGUAGE IMPLEMENTATION COMMITTEE

In the Ministry, Official Language Implementation Committee has been constituted under the chairmanship of Secretary, Civil Aviation. All the Heads of the attached offices of MOCA, and officers of the level of Director and above

of the MOCA, are its members. The meetings of the committee were successfully organized in every quarter in the Ministry and upcoming meeting will be organized in the month of March, 2025. Implementation of the Official Language Policy of the union is duly reviewed in the meeting with respect to the Ministry and its Attached Offices/Autonomous Bodies/PSU's and various measures are suggested to increase the progressive use of Hindi.

4. **QUARTERLY PROGRESS REPORT (QPR) AND ANNUAL ASSESSMENT REPORT**

A Quarterly Progress Report is compiled after collecting the data from various sections to assess the work done by the personnel in Hindi in their official work and sent to the Department of Official Language on regular basis. Likewise, an Annual Assessment Report relating to the progressive use of Hindi is also sent to the Department of Official Language. Along with this, quarterly progress reports are also received and reviewed from all the 10 offices under the control of the Ministry.

5. **HINDI DIWAS (14 SEPTEMBER) AND ORGANISATION OF HINDI FORTNIGHT**

Officials of the Ministry participated in the Hindi Diwas and the Fourth All India Official Language Conference organized by the Department of Official Language, Ministry of Home Affairs on September 14, 2024 at Bharat Mandapam, New Delhi. Like every year, Hindi Fortnight was organized in the Ministry this year also from 14th September, 2024 - 28th September, 2024. During the Hindi fortnight, 07 competitions were organized out of which 05 competitions were for the personnel of the Ministry and 02 competitions were for the offices under the control of the Ministry. A Total of 187 participants participated in these competitions enthusiastically. Winners of various competitions held during Hindi fortnight were awarded certificates by the Secretary, Civil Aviation and shields were presented to the winning subordinate offices.

6. **KIRTI PURASKAR**

The Ministry of Civil Aviation was selected for the second prize under the category of Ministry/Department having less than 300 personnel for the Rajbhasha Kirti Puraskar for the year 2023-24 for best implementation in Official Language by the Department of Official Language, Ministry of Home Affairs. The award was received by Shri Piyush Shrivastava, Senior Economic Adviser and Additional Secretary from the hands of Minister of State for Home Affairs and Deputy Chairman (Rajya Sabha) on the occasion of Hindi Diwas Celebrations and All India Official Language Conference organized on the occasion of Hindi Diwas at Bharat Mandapam, New Delhi on 14 September 2024.

7. **HINDI WORKSHOPS**

Hindi Workshops were organized every quarter during the year to remove the hesitation of the personnel in doing their official work in Hindi. Another workshop is expected to be organized between January to March.

8. **OFFICIAL LANGUAGE INSPECTION**

During the year 2024-25, the inspection team of the Official Language Division of the Ministry inspected 04 sections of the Ministry and thus achieved the set target of 25%. However, it is proposed to inspect some more sections by March 2025. Inspection related to the Official Language of all 10 offices under the Ministry were carried out by the inspection team of the Ministry.

9. **INSPECTION BY PARLIAMENTARY COMMITTEE ON OFFICIAL LANGUAGE**

The Ministry and the offices under its control are inspected by the Parliamentary Official Language Committee to review the progressive use of the official language Hindi in the Ministry and the offices under its control. Consequently, 04 offices of the Directorate General of Civil Aviation, 04 offices of the Bureau of Civil

Aviation Security, and 04 offices of the Airport Authority of India were inspected by the 2nd sub-committee of the Parliamentary Official Language Committee. On behalf of the Ministry, Senior Economic Advisor and Director (Official Language) participated in the inspection.

10. RAJBHASHA SAMMELAN

The Ministry proposes to organize a two-day Official Language Conference in the month of February, 2025 for the officer's in-charge of Official Language and Hindi officers of the offices under its control. All the officers and employees will participate in this conference with great enthusiasm.

2.15 10TH INTERNATIONAL DAY OF YOGA, 2024

The Ministry of Civil Aviation successfully celebrated the 10th International Day of Yoga (IDY) on 21st June 2024, in coordination with the Ministry of Ayush. A Yoga session for employees was organized at Rajiv Gandhi Bhavan, supported by AAI, with expert guidance from the Morarji Desai National Institute of Yoga. Promotional activities included incorporating QR codes linking to the IDY logo on boarding passes and featuring Yoga-themed articles in inflight magazines to raise awareness about Yoga. The Ministry also actively utilized the MY Bharat portal to amplify youth engagement. The event exemplified the Ministry's commitment to promoting wellness and aligning with national initiatives.

2.16 SWACHHTA HI SEVA, 2024

The Ministry successfully conducted the Swachhata Hi Sewa (SHS) 2024 campaign from 17th September to 1st October 2024, under the theme "Swabhav Swachhata - Sanskaar Swachhata," showcasing its commitment to cleanliness and sustainability. The campaign featured a series of well-executed activities, including deep cleaning of office premises at Rajiv Gandhi Bhawan, unclogging of sewerage systems, maintenance of water tanks and coolers, and the repair and beautification of corridors, nameplates, and plant pots. Senior officers ensured thorough inspections and compliance, fostering a clean and efficient work environment. The campaign concluded with a ceremonial event on 1st October 2024, where Hon'ble Minister of Civil Aviation, Shri Rammohan Naidu Kinjarapu administered the Swachhata Oath, and sanitation staff were recognized for their contributions. This initiative exemplifies the Ministry's dedication to promoting cleanliness and environmental stewardship.

3. DIRECTORATE GENERAL OF CIVIL AVIATION

3.1 INTRODUCTION

The Directorate General of Civil Aviation (DGCA) is the statutory authority constituted under Section 4A of the Aircraft Act, 1934. (Now Section 3 of Bharatiya Vayuyan Adhiniyam, 2024). DGCA is entrusted with the responsibility of regulating the safety of air transport services operating to, from, and within India. Its key functions include the formulation and enforcement of civil aviation regulations, and the establishment and oversight of air safety and airworthiness standards, in alignment with the Standards and Recommended Practices (SARPs) issued by the International Civil Aviation Organization (ICAO) from time to time.

DGCA is headquartered in New Delhi and is led by the Director General of Civil Aviation, who is supported by Joint Director Generals and Deputy Director Generals. The organization comprises various directorates, each managing specific safety and regulatory functions to ensure the highest standards of civil aviation in the country.
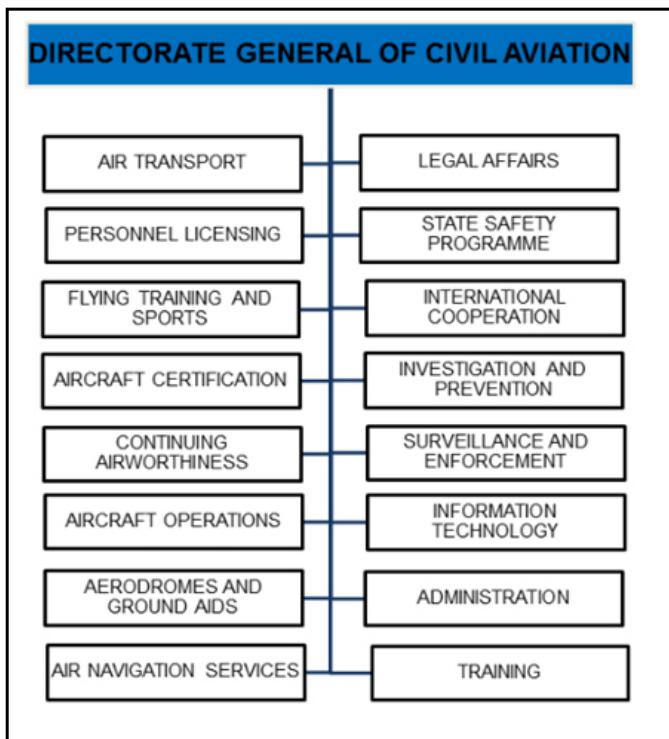
3.2 FUNCTIONS AND RESPONSIBILITIES

The main function of DGCA is to regulate safety related matters in civil aviation in India. Some of the salient functions and responsibilities are as follows:

i. Registration of civil aircraft;

ii. Formulation of standards of airworthiness for civil aircraft registered in India and grant of certificates of airworthiness to such aircraft;

iii. Licensing of pilots, aircraft maintenance engineers, air traffic controllers and flight engineers, and conducting examinations and checks for that purpose;

iv. Certification of aerodromes;

v. Maintaining a check on the proficiency of flight crew, and also of other operational personnel such as flight dispatchers and cabin crew;

vi. Granting of Air Operator's Certificates to Indian carriers and regulation of air transport services operating to/ from/within/over India by Indian and foreign operators, including clearance of scheduled and non-scheduled flights of such operators;

vii. Conducting investigation into incidents and serious incidents involving aircraft up to 2250 kg AUW and taking accident prevention measures including formulation of implementation of Safety Aviation Management Programmes;

viii. Carrying out amendments in the Act and the Civil Aviation Requirements for complying with the amendments to ICAO Annexes, and initiating proposals for amendment to any other Act or for passing a new Act in order to give effect to an international Convention or amendment to an existing Convention;

ix. Coordination of ICAO matters with all agencies and sending replies to State Letters, and taking all necessary action arising out of the Universal Safety Oversight Audit Programme (USOAP) of ICAO;

x. Approval of institutes engaged in flying training including simulator training, AME training, air traffic services training or any other training related with aviation, with a view to ensuring a high quality of training;

xi. Granting approval to aircraft maintenance, repair, design and manufacturing organizations and their continued oversight;

xii. To act as a nodal agency for implementing Annex 9 provisions in India and for coordinating matters relating to facilitation at Indian airports including holding meetings of the National Facilitation Committee; DGCA Organisation Manual April 2021

xiii. Rendering advice to the Government on matters relating to air transport including bilateral air services agreements, ICAO matters, technical matters relating to civil aviation and to act as an overall regulatory and developmental body for civil aviation in the country;

xiv. Regulation and oversight of matters related to Air Navigation Services. Coordination at national level for flexi-use of air space by civil and military air traffic agencies and interaction with ICAO for provision of more air routes for civil use through Indian air space;

xv. Keeping a check on aircraft noise and engine emissions in accordance with ICAO Annex 16 and collaborating with the environmental authorities in this matter, if required;

xvi. Promoting indigenous design and manufacture of aircraft and aircraft components by acting as a catalytic agent;

xvii. Approving training programmes of operators for carriage of dangerous goods, issuing authorizations for carriage of dangerous goods, etc.

xviii. Safety Oversight of all entities approved/ certified/ licensed under the Aircraft Rules.

3.3 INTERNATIONAL RELATIONS AND LEGAL AFFAIRS

3.3.1 AIR SERVICES AGREEMENTS

During the calendar year 2024, bilateral talks were held with the Govt. of Thailand, United Kingdom, Seychelles, Republic of Korea and Ethiopia.

During deliberations with Thailand both sides agreed to enhance capacity entitlements in a phased manner. Further, four new points namely Chiang Rai, Hat Yai, Surat Thani, and Udon Thani were secured as additional points of call for Indian designated airlines.

Based on the bilateral discussions with United Kingdom, both sides, inter-alia, agreed to enhance the capacity entitlements on the routes London Heathrow-Delhi and London Heathrow-Mumbai, and vice versa, up to a combined total of 70 (seventy) services per week, with any type of aircraft.

During bilateral negotiations with Seychelles, 04 additional points i.e. Goa, Lucknow, Bhuj and Tiruchirapalli were made available to the designated airlines of Seychelles for domestic code share operations and any point(s) in the Seychelles were made available to the designated airlines of India for domestic code share operations.

During bilateral negotiations with Republic of Korea, it was agreed that Korean designated airlines will be permitted to operate non-scheduled all-cargo services on route ("Incheon --- Hanoi/Kuala Lumpur ---- New Delhi/Mumbai --- Vienna/Milan/Brussels"), for a further period of one year i.e. up to 30.06.2025.

Based on bilateral discussions with Ethiopia,

inter-alia, both sides agreed that the designated airlines of each contracting party shall be entitled to now operate a total of 38 services per week in each direction with any type of aircraft not exceeding the capacity of a B747-400 aircraft.

Additionally, during the 16th International Civil Aviation Negotiations 2024 Event (ICAN) held in Kuala Lumpur, Malaysia negotiations were held with 20 countries namely Bahrain, Turkiye, Vietnam, Italy, Russia, Switzerland, Saudi Arabia, Oman, Netherlands, Singapore, Uzbekistan, Uganda, Austria, Seychelles, UK, Somalia, USA, Kuwait, Malaysia and Kyrgyzstan to discuss various air services matters. As a major achievement, the capacity entitlement in respect of Uzbekistan has been enhanced from the existing 18 services per week to a total of 28 frequencies per week in each direction and for Vietnam the overall capacity entitlements has been enhanced from 28 services/week to 42 services/week in each direction.

3.3.2 LEGISLATIONS

To provide for regulation, and control of the design, manufacture, maintenance, possession, use, operation, sale, export and import of the aircraft, the Parliament has passed the Bharatiya Vayuyan (Vidheyek) 2024 and received the assent of the Hon'ble President on 11.12.2024. The new Act viz. Bharatiya Vayuyan Adhiniyam came into force from 1st January, 2025. The new Act removes redundancies and replaces the 90-year old pre- independence Aircraft Act, 1934, which has been amended many times.

3.4 AIR TRANSPORT

3.4.1 SCHEDULED OPERATORS

As on 31.12.2024, there are Twelve (12) Scheduled/Scheduled Commuter operators Holding Air Operator Certificate (AOC) and endorsed with 834 aircraft viz. Air India Ltd. (Air India), Air India Express Ltd. (Air India Express), Alliance Air Aviation Ltd. (Alliance Air), Big Charter Pvt. Ltd. (Fly Big), GSEC Monarch

and Deccan Aviation Pvt. Ltd. (India One Air), Ghodawat Enterprises Pvt. Ltd. (STAR AIR) InterGlobe Aviation Ltd. (Indigo), Just Udo Aviation Pvt. Ltd. (FLY91), SNV Aviation Pvt. Ltd. (Akasa Air), Spice Jet Ltd. (Spice Jet) Operating in the International/domestic sector providing a wide choice of flights and connectivity to various parts of India. In addition to this, there are two cargo airlines viz. Blue Dart Aviation Ltd. (Bluedart) And QuikJet Cargo Airlines Pvt. Ltd. (QuikJet) Operating scheduled cargo services in the country. Further, SpiceJet Ltd. IndiGo is also undertaking Cargo Operations with exclusive freighter aircraft three (3) B737-800 & three (03) A321 respectively.

During the period from 01.01.2024 to 31.12.2024 the aircraft fleet of Scheduled/Scheduled Commuter operators has been increased from 771 to 834.

3.4.2 PASSENGERS CARRIED BY SCHEDULED OPERATORS

DOMESTIC ROUTES

During the FY 2023-24, Scheduled domestic airlines operated a total number of 10.6 lakh scheduled flights carrying a total of 153.7 million passengers as against 10.0 lakh scheduled flights carrying a total of 136.0 million passengers during the previous financial year 2022-23. The number of domestic passengers carried by scheduled domestic Indian Carriers has witnessed a growth of 13 percent in the year 2023-24 as compared to the previous FY 2022-23.

In FY 2024-25 (Provisional figure-up to Dec) the domestic airlines operated a total number of 8.49 lakh scheduled flights carrying a total of 122.2 million scheduled passengers.

INTERNATIONAL ROUTES

During the FY 2023-24, a total of 66.5 million passengers were carried on international routes by Scheduled Indian/foreign carriers as against 54.6 million in the corresponding period in FY 2022-23, thereby witnessing a growth of 21.7%.

Out of the 66.5 million passengers, 29.6. Million passengers were carried by Scheduled Indian carriers while 36.9 million passengers were carried by scheduled foreign carriers during the FY 2023-24.

In FY 2024-25 (Provisional figure-up to December), a total of 53.2 million passengers were carried on international routes by Scheduled Indian/foreign carriers. Out of 53.2 million passengers, 24.7 passengers were carried by Scheduled Indian carriers, while 28.5 million passengers were carried by Scheduled Foreign carriers during 2024-25 (Provisional figure-up to December)

3.4.3. NON-SCHEDULED OPERATOR'S PERMIT

As on 31.12.2024 there are 119 Non-Scheduled operators holding Air Operator Permit (AOP) endorsed with 427 aircraft for undertaking non-scheduled air transport services.

During the period from 01.01.2024 to 31.12.2024, 13 new AOP were issued.

3.4.4. EXPANSION PLAN OF INDIAN CARRIERS

Major airlines have recently placed large aircraft orders to be inducted in their fleet over next 10 years. This includes 500 Airbus A320 family 30 Airbus A350-900 aircraft by Indigo, 570 aircraft by Air India, and 150 Boeing 737 Max aircraft by Akasa Airlines.

3.4.5. REGULATORY PROVISIONS FOR SEAPLANE OPERATIONS

DGCA revised the existing regulatory framework for operation of seaplanes in the country with promulgation of revised CAR Section 3 Series C Part IX and CAR Section 7 Series B Part XVI. The revised regulations incorporate easier training requirements and simplified approval processes for undertaking seaplane operations. The revised regulations have been evolved with extensive stakeholder consultation so as to address key stakeholder concerns and pave the way for growth in this niche area. The Ministry of Civil Aviation has subsequently issued guidelines for all the stakeholders involved in seaplane operations to ensure effective implementation of the revised regulatory framework.

3.5 LICENSING AND MEDICAL ASSESSMENT

3.5.1 FLIGHT CREW LICENSING

The functions of the Directorate of Training and Licensing include initial issue / conversion of CPL/ATPL/CHPL/PPL/FATA licenses and work related to renewal / endorsement of Flight Crew Licenses. DGCA issued 1,347 Commercial Pilot Licenses (CPLs) in 2024, marking the second-highest number in a single year over the past seven years. The number of CPLs issued in India over the last Seven years is as follows:

DGCA has processed 27,532 number of flight crew licensing issues and renewal applications in the year 2024 through the single window digital platform of eGCA. The details of Pilot licenses & Ratings issued in the year 2024 are as follows:

S. No.	Type of Licenses/Ratings	No. of Licenses/Ratings issued
1.	Commercial Pilot Licenses (CPL)	1347
2.	Airline Transport Pilot Licenses (ATPL)	561
3.	Other Licenses (PPL, FRTOL-R, FRTOL)	3083
4.	Authorizations & Ratings (FATA, FATA–Ext., FIR, AFIR, IR, Open Rating,P2, P1 Endorsement)	8659
Total		**13650**

DirectoratGeneral of Civil Aviation (DGCA) is in the process of implementation of Electronic Personnel Licensing (EPL) for flight crew, in accordance with the 178th Amendment to ICAO Annex I. With this launch, India would be the second country among ICAO Contracting States to achieve a completely paperless licensing system for aviation personnel.

3.5.2 ATCO LICENSING

1. Grant of Electronic Personnel Licences for Air Traffic Controllers through eGCA has been started in India in accordance with the Digital India initiative of Government of India.

2. Granted renewal of approval of 3 ATSTOs of AAI (CATC, Prayagraj, HTC, Hyderabad & NIATAM, Gondia) for further period of 5 years.

3. As per requirement of AAI (ANSP), the reintroduction of Area Control Procedural rating for 6 ATS stations (Delhi, Mumbai, Chennai, Kolkata, Ahmedabad and Nagpur) has been initiated. The procedure for reintroduction of Area Control Procedural rating at Kolkata ATS station has been approved.

4. Issuance of ATCOL/SATCOL & endorsement of ratings to Air Traffic controllers are processed through eGCA (online mode) only with discontinuation of physical mode of applications, to facilitate end-to-end digital solutions for ATCOL, SATCOL and ATSTO. As per records available through eGCA(in the year 2024)-

   a. Issued around 316 Air Traffic Controller's licenses in the year 2024.

   b. Issued around 398 Student Air Traffic Controller's licenses in the year 2024.

   c. Carried out endorsement of ratings i.e. Aerodrome Control, Approach Control Procedural, Approach Control Surveillance, Area Control Procedural, Area Control Surveillance, Oceanic Control and ELP (total of appx. 1660 endorsements) on ATCO Licenses issued by DGCA.

5. As per requirement of AAI (ANSP), accorded approval to revised Training & Procedure Manual (TPM), Quality Assurance Manual (QAM) along with Examination Procedure Manual (EPM) of Air Traffic Services Training Organization (ATSTO) at CATC-Prayagraj, NIATAM-Gondia and HTC-Hyderabad.

6. Approved Procedural Approach and Area Simulator (PASS) installation work at ATSTOs- CATC, Prayagraj and HTC, Hyderabad.

7. Carried out surveillance inspection of Air Traffic Services Training Organization

(ATSTO) at CATC-Prayagraj, NIATAM-Gondia and HTC-Hyderabad. Granted acceptance to nearly ten (10) Post holders.

8. Granted acceptance to twenty four (24) Post holders of AELTO/TSPs.

9. Granted approval to revisions in (more than 20) Rating Training Manual (RTM) of different airports.

10. More than 25 Enforcement actions were taken to ensure compliance of applicable rules/ regulations and as a part of safety oversight system & resolution of safety issues.

3.5.3 AIRCRAFT MAINTENANCE ENGINEERS

During 2024, 379 initial AME licenses have been issued and extension of category approved in 211 licenses.

3.5.4 MEDICAL ASSESSMENT FOR FLIGHT CREW, AMES AND ATCOS

DGCA has taken a significant step to address the rising demand for medical examinations of DGCA License holders and empaneled five civil hospitals to streamline and expedite the medical fitness process for DGCA licence holders. The newly empaneled hospitals of Apollo group are located at Bengaluru, Kolkata, Delhi, Hyderabad and Indore. This will provide DGCA licence holders with more options for completing their medical examinations, reducing travel time and wait periods. Physical workshop for DGCA empanelled Class 1 & Class 2 Medical Examiners was conducted on 07 Dec 24 at Indian Aerospace Medicine, IAF Bengaluru. A total of 45 surveillance and Regulatory Audit in respect of DGCA Empaneled Medical Examiners were conducted this year.

DGCA, Medical Directorate has issued 34579 Medical Assessment to licence holders till 17 Dec 2024 which includes 23796 Class 1, 9635 Class 2 and 1187 Class 3 Medical Assessments. Furthermore, 2058 Medical Record Validation

requests, 4952 NOC's and 3078 Amendment in Pilot Particulars and numerous support requests were processed at Medical Directorate for smooth conduct of Medical Examinations. Around 5000 public visits with various issues were provided with hands on solutions. Significant user friendly improvements also have been implemented in the eGCA software for smooth digital documentation of all the Medical examination proceedings.

3.5.5 CENTRAL EXAMINATION ORGANISATION

The Central Examination Organisation (CEO) of Director General of Civil Aviation is vested with the responsibility of conducting knowledge based examinations for Aircraft Maintenance Engineers (AMEs, and Flight Dispatchers. Flight Engineers Foreign Aircrew Temporary Authorization (FATA), Flight Instructor Ratings (FIR) and Assistant Flight Instructor Ratings (AFIR) as per the requirements laid down in the Aircraft Rules and relevant Civil Aviation Requirements for the purpose of issue of Licenses. The CEO conducts these examinations throughout the year with Centers spread all over India. Apart from that, this office has been issuing computer numbers for AME and FC candidates, which are required for appearing for AME and FC examinations.

The Central Examination Organization has taken following initiatives during the year 2024 for streamlining process for conduct of various examinations:-

i. In order to facilitate and ease the process of allotment of computer numbers, Digilocker has been integrated with DGCA Pariksha portal.

ii. In order to facilitate and ease the process of allotment of computer numbers to the candidate(s) the requirement of submitting the hard copy of the online application to Central Examination Organization has been abolished. Further, the requirement of certification by competent authority and

attestation by Notary/Gazetted Officer is also dispensed with.

The tables shown below indicate the number of candidates scheduled in the examinations conducted by the CEO and the data with respect to the computer number applications processed during the period from 1st January 2024 to 31st December, 2024.

(Table 1)

S. No.	Candidates Scheduled for Examinations	Numbers
1.	Aircraft Maintenance Engineers	35657
2.	Pilot	56491
3.	FATA	209
4.	FIR/AFIR	301
5.	Flight Dispatchers	339

(Table 2)

S. No.	Computer Number Applications processed	Numbers
1.	Computer No. applications for Pilot	16344
2.	Computer No. applications for AME	3141

3.6 AIRCRAFT ENGINEERING

Design Organizations Approval (DOA) enables organizations to design and develop Aeronautical Products, Parts & appliances in the aviation sector. The following design organizations are engaged in indigenized design & development and continued airworthiness of aircraft, parts & appliances and have been approved/renewed in year 2024 under the provisions of CAR 21:

(Table 2)

S. No.	Name of the Organization	Approval granted
1.	M/s Aero Engine Research and Design Centre, Bangalore	For Design and development of SHAKTI 1H1C Turbo Shaft Engine.
2.	M/s AIR India Limited, Gurgaon issued in 2024.	For STC, Major & Minor Modification, Major & Minor Repair limited to Cabin Interiors on CS/FAR 25 Category Aircraft
3.	M/s Genser Aerospace & IT Pvt Ltd, Bangalore	For Design and Development of Small Aeroplane
4.	M/s AEROCHAMP AVIATION INTERNATIONAL PVT LTD., Mumbai	Cabin Interiors, Seats, Lights, Electrical Systems, Exterior Livery, Galley, Lav, Cargo Compartment, External schemes, Placards and markings, Flight Deck Interiors, Structure (Excluding Primary Structure)

S. No.	Name of the Organization	Approval granted
5.	M/s HBL Power Systems Pvt. Ltd., Hyderabad	Supplemental Type Certificates for FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts) limited to aircraft batteries installation. ITSOA for aircraft batteries
6.	M/s Epsilon Aerospace Private Limited, Mumbai	Supplemental Type Certificates and Minor Changes on FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts) limited to Cabin Interiors except electrical and electronics
7.	M/s Aerospace Systems & Equipment research & Design Centre, HAL, Korwa, Uttar Pradesh issued in 2024.	Supplemental Type Certificates for installation of recorder system and related structure changes on FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts). ITSOA on recorder system ITSO-C123c, ITSO-C124c
8.	M/s Wilton Weavers Pvt. Ltd., Kerala	Supplemental Type Certificates and Minor Changes on FAR / CS-23, FAR / CS-25 (or equivalent aircrafts), FAR/CS-27, FAR/CS-29 (or equivalent rotorcrafts) limited to Carpets Installation only.

i. Type Certificate was issued for ALH Upgraded Civil Dhruv Helicopter.

ii. ITSO (DGCA.21O.2024.08) was issued to VHF Communication System.

iii. DGCA Type Certificate No. DGCA.A.001 dated: 10th May 2022 was validated by CAA of Guyana.

iv. The following prototypes were approved in 2023 under the provisions of CAR 21.

• Shakti 1H1C Turbo Shaft Engine

• Aircraft 9g seats manufactured (Prototype).

• RAM

• SELCAL DECODER

v. 02 Number of Hindustan-228 (MSN:-4153 & 4154) were exported to Guyana under CAR 21.

vi. AIRCRAFT ENGINEERING ADVISORY CIRCULAR AEAC NO. 01 of 2024 which entails Guidance Material on Type Certification of vertical take-off and landing capable aircraft (VCA) was issued.

vii. Type design of aeronautical products i.e. aircraft, engine and propeller and Supplemental Type Certificate (STC) certified by foreign Civil Aviation Authorities, have been evaluated and type accepted are appended below:

Sl. No.	Aeronautical Product	No. of type acceptance	No of STC
1	Aircraft	18	37
2	Engine	12	-
3	Propeller	16	-
4	Helicopter	6	13
5	Hot Air Balloons	-	-

3.7 DRONES

The Drone Directorate has achieved significant milestones during the calendar year 2024 (1st January to 30th December). A total of 75 Remote Pilot Training Organization (RPTO) authorizations were issued, along with 46 Type Certificates. Additionally, 11,513 Unique Identification Numbers (UINs) were generated. The Directorate conducted 34 surveillance operations of RPTOs and Type Certificate holders. Noteworthy progress was made in drone training, including the revision of Drone Training Circular (DTC) 01 of 2023 on

21st August 2024. Furthermore, 6 RPTOs were upgraded from the Small Class to the Rotorcraft Medium Class category. A total of 3,015 Remote Pilot Certificates (RPCs) were generated online, with an additional 8,697 issued offline. To ensure compliance with the Drone Rules, 2021, penalties amounting to ₹8,45,000 were imposed on RPTOs and UAS manufacturers for violations. These achievements underscore the Directorate's commitment to enhancing drone regulations and operations in India.
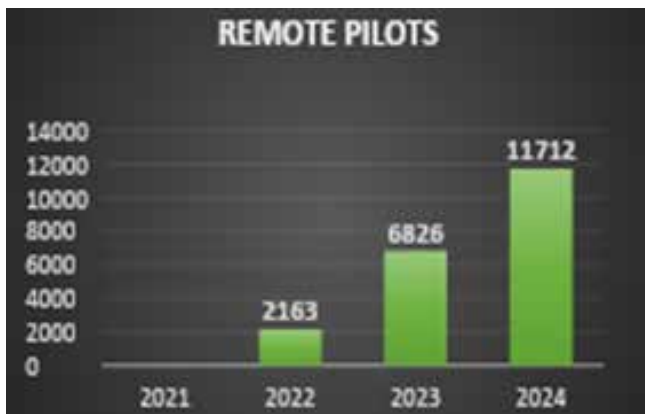
3.8 AERODROME LICENSING

The Drone Directorate has achieved siDuring 2024, DGCA has issued Aerodrome license to following Airports:

S.No.	Aerodrome Name	Location
1	Chitrakoot Airport	Chitrakoot, Uttar Pradesh
2	Shravasti Airport	Shravasti, Uttar Pradesh

S.No.	Aerodrome Name	Location
3	Maa Mahamaya Airport	Ambikapur, Chhattisgarh
4	Rewa Airport	Rewa, Madhya Pradesh
5	Solapur Airport	Solapur, Maharashtra
6	Satna Airport	Satna Madhya Pradesh

In addition Aerodrome Licenses were renewed in respect of 31 (Public aerodromes during the year.

3.9 MAINTENANCE, REPAIR & OVERHAUL (MRO)

Government had announced a set of policy provisions under the National Civil Aviation Policy 2016 for the creation of a congenial atmosphere for broad-based development of aircraft Maintenance aircraft Maintenance, Repair and Overhaul (MRO) in India. Accordingly, many incentives/ rebates like exempted customs duty, simplified clearance processing, land allotment etc. have been provided under the NCAP-2016 for the development of Maintenance, Repair and Overhaul (MRO) sector in India. 1st April 2020. There are currently 149 Maintenance Repair & Overhaul (MROs) approved for the line/ base maintenance out of which 49 standalone MROs are approved for base maintenance. Amongst these, 07 MROs have the capability to carry out overhaul of aircraft.

Due to the development, Indian operator/ airlines are availing MRO facilities within India instead of sending their aircraft abroad for major maintenance, which has reduced time and cost for the airlines.

The Government has taken several steps to facilitate setting up of aircraft Maintenance, Repair and Overhaul (MRO) services in India through various policy, regulatory and other incentives which include:

i. In a major boost to the domestic Maintenance, Repair and Overhaul (MRO) industry and thereby to the aviation sector, the Government has announced that a uniform rate of 5% IGST will apply to imports of parts, components, testing equipment, tools and tool-kits of aircraft, irrespective of their Harmonised System of Nomenclature (HSN) classification subject to specified conditions.

ii. As part of the announcements made in Union Budget 2024-25, the period for export of goods imported for repairs has been extended from six months to one year. Also, the time-limit for re-import of goods for repairs under warranty has been extended from three to five years.

iii. New MRO Guidelines announced on 1st September, 2021 inter-alia abolish royalties and build in transparency and certainty in land allotments for MROs in AAI airports.

iv. GST on MRO has been reduced from 18% to 5% with full Input Tax Credit from 1st April, 2020.

v. Transactions sub-contracted by foreign original equipment manufacturers (OEMs)/ MRO to domestic MRO are treated as 'exports' with zero-rated GST from 1st April, 2020.

vi. Exempted Customs Duty on tools and tool kits.

vii. Simplified clearance processing of parts.

viii. 100% Foreign Direct Investment permitted via automatic route for MRO.

3.10 FLIGHT STANDARDS

3.10.1 FLIGHT STANDARDS (A)

1. New fleet induction of Airbus A350 was successfully carried out in M/s Air India.

2. Mergers of M/S Air India Express ltd (AIXL) with M/s Air India Connect ltd (AICL) and M/s Air India with M/s Vistara Airlines was successfully completed on 01 Oct 2024 and 11 Nov 2024 respectively after extensive and thorough process undertaken by FSD. This was perhaps the largest exercise of airline mergers undertaken anywhere in the world.

3. New Schedule Commuter M/s JUST UDO AVIATION PVT LTD (Fly91) was made operational.

4. Eight (08) new NSOP were granted AOP which included Dunes, Rajas Aerosports, Saffron Strokes, Sirius India, Charlie Foxtrot, Rajhans & AFCOM (B-737F) aviation pvt ltd. Addition of new aircraft life Pilatus-24 & B-737 Max BBJ was also undertaken with existing NSOPs. Work on Many more new NSOPs is in progress.

5. Total of 974 surveillance were carried out. This included issuance of Show Cause Notices, Warnings and financial Penalties were imposed on violations of regulations due to enhanced surveillance.

6. Special VFR for scheduled Operator of ATR aircraft operations to Deogarh & Gondia Airfields were approved.

7. CAR Section 7 Series J part III Flight Duty Time limit (FDTL) was revised taking in view safety concerns to mitigate crew fatigue and improved efficiency in terms of Operations of Aircraft.

8. Other CARs revised as per ICAO SARPS included CAR 7/D/IV-FSTD, 7/G/IV-Licenses of Defence Personal, 8/B/I- Cat II & III, CAR 8/F/I-Requirement to Exercise privileges of License, 8/F/VII-Requirement of Training Small Aeroplanes, 8/O/II-Commercial Aeroplane Operations, CAR 8/S/II-RVSM, 8/S/VIII-EFB & 8/S/III Operation of Aircraft in North Atlantic High Level Airspace (NAT HLA).

9. New announcement: Promotion of awareness through announcements of passengers through DIGIYatra, passenger centric regulations and passenger rights including voter awareness.

10. M/s Big Charter Pvt Ltd (FlyBig) was granted clearance to fly critical highly terrain to Pithoragarh (Uttarakhand).

11. Approval granted due new fleet induction for M/s Air India to following facilities

    a) A350 simulators at Airbus Singapore b) A350 simulator at Airbus Toulouse

12. New Simulator approval granted to M/s CSTPL Bengaluru for ATR 72-600 type aircraft and CSTPL Gurugram for Airbus A320 type aircraft.

13. New initial simulator approval was granted at Gatwick, UK for following types of aircraft for B787-9, B777-300, B737 -800 & Max-8.

14. To facilitate the Air Passengers for period during FOG period of year 2024-25, DGCA has instructed all the airlines to activate an EMERGENCY CONTROL ROOM (WAR ROOM) and at each metro airports manned by top managers who are authorized to take prompt decisions and address any unforeseen developments in the shortest possible time including any passenger complaints, take immediate steps for optimal movement of aircraft and provide adequate amenities to affected passengers in coordination with other stakeholders.

3.10.2 Flight Standard (H)

1. Certification of 08 New NSOPs including addition of new type of Aircraft (AW 109E) in one existing NSOP.

2. A total of 111 surveillances were carried out. In addition, inspections and spot checks for various Yatra operations were also conducted. This led to issuance of Show Cause Notices & Warnings on violations of regulations due to enhanced surveillance.

3. CAR 8/H/II (Flight Crew Training and Qualification Requirements for Commercial

Helicopter Operations) was revised on 23 Feb 2024.

4. Operations Circular 02/2024 on Helicopter Type/ Variant list was published on 21 Jun 2024.

5. Professional inputs were provided for creation of new routes under RCS (UDAAN) scheme of GoI and in other important issues of national concern, whenever sought by MoCA.

3.11 FLYING TRAINING

There are 38 DGCA-approved FTOs operating at 57 Flying bases and 08 ground and simulator training facilities in the country. Out of these 38 FTOs, One FTO is under the administrative control of the Ministry of Civil Aviation (Central Government), 08 FTOs are under various State Government and 29 FTOs are owned by the Private Sector. In the Year 2024, four (04) new FTOs have been approved by DGCA.

3.12 AIRSPACE AND AIR NAVIGATION SERVICES STANDARDS (AS & ANSS)

3.12.1 SURVEILLANCE ACTIVITIES AS PER ANNUAL SURVEILLANCE PROGRAMME (ASP), 2024

1. Surveillance Inspection of ATM facilities at Hirasar, Rajmundary, Madurai Aurangabad, Imphal, Bilaspur, Vadodara, Shimla, Agartala, Deoghar, Gaggal, Pantnagar, Kajuraho, Raipur, Mysore, Surat, Delhi, Amritsar, Lucknow, Jaipur, Kolkata, Bangalore, Jharsuguda, Shirdi, Hubli,and Udaipur airports. Total=26

2. Surveillance Inspection of CNS facilities at Cochin, Vijayawada, Hyderabad+ SMUS, Ahmedabad, Mumbai, Calicut, Bikaner, Lilabari, Shirdi, Hollangi, Hirasar (Rajkot), Mangalore, Tuticorin, Gagan, Varanasi, Aurangabad, Bhubaneshwar, Bellary, Lucknow, Delhi, Amritsar, Bangalore, Jaipur, Kolkata, Chennai, Bhopal, Trivandrum and Nagpur airports. Total=28

3. Surveillance Inspection of MET facilities at Rajmundary, Hirasar (Rajkot),Trichy, Calicut, Imphal, Deoghar, Bilaspur, Vadodara, Agartala, Gaggal, Pantnagar, Raipur, Kajuraho, MOPA-Goa, Mysore, Lucknow, Delhi, Amritsar, Kolkata, Bangalore, Jaipur, Shirdi, Jharsuguda, and Udaipur airports. Total=24

4. Surveillance Inspection of AIS facilities at Chennai and Kolkata airports. Total=2

5. Surveillance Inspection of SAR facilities at CHQ, Delhi and Guwahati airports. Total=3

6. Surveillance Inspection of PANS-OPS facilities at AAI CHQ. (1)

7. Surveillance Inspection of CARTO facilities at AAI CHQ.(1)

8. Total Inspections: 85

3.12.2 SPOT INSPECTION

Spot Inspection of ATM facilities at Chennai Airport.

3.12.3 CAR AMENDMENT/IMPLEMENTATION

Following seven CARs have been amended:

1. CAR Section 9 Series C Part I Issue II - RULES of THE AIR

2. CAR Section 9 Series M Part I Issue II - Meteorological Service For Air Navigation

3. CAR Section 9 Series G Part I Issue II -Aeronautical Charts

4. CAR Section 9 Series D Part IV Issue IV -Aeronautical Telecommunications –

5. Digital Data Communication and Voice Communication System

6. CAR Section 9 Series E Part I Issue III - Air Traffic Services

7. CAR Section 9 SERIES S Part I Issue II - SEARCH and RESCUE

8. CAR Section 9 SERIES I Part I Issue II -Aeronautical Information Services.

3.12.4 APPROVAL OF NEW / AMENDED INSTRUMENT FLIGHT PROCEDURES (IFPS)

IFPs	Number of Approvals (Jan-Dec'2024)
New Procedures	56
Amended Procedures	96
Total	152

3.12.5 OTHER SIGNIFICANT ACTIVITIES

1. Re-Certification of NDB at Angul Airport, Baldota kopal Airport, GAGAN

2. Installation, Calibration and Maintenance requirements of Aviation meteorological equipment at public aerodromes

3.13 SURVEILLANCES AND SAFETY OVERSIGHT

DGCA conducted 3984 for the year 2024 planned surveillances against 4027 planned during the year 2024. In addition, 2025 spot checks and night surveillances were also conducted on various civil aviation stakeholders across the country.

S. No	Surveillances/Checks	Planned for 2024	Conducted for 2024
1	Planned Surveillance	3521	3481
2	Ramp inspections (Domestic Airlines)	434	441
3	Ramp inspections (Foreign Airlines)	72	62
	Total for Planned Surveillances	**4027**	**3984**
4	Spot Checks	1257	
5	Night surveillances	768	

3.14 VIGILANCE

As a measure of Preventive Vigilance, Inspections of following offices of DGCA were conducted during the Year:

Sl. No.	Office/Division/Directorate	Location
1.	Gliding Centre, Pune	Regional Office Mumbai
2.	Flight Standard Directorate	Regional Office, Hyderabad
3.	Directorate of Airworthiness and Operations	Northern Region
4.	Surprise inspection of Finance Section	DGCA (Hqrs)
5	Directorate of Operations	Regional Office, Kolkata
6.	Surprise Inspection of General Section	DGCA (Hqrs)

Comprehensive reports recommending systemic/procedural improvement for better efficiency and transparency were prepared and sent to the concerned Directorate. Inspection of 106 IPRs of DGCA officers was also carried out.

3.15 POLLUTION CONTROL

3.15.1 TREE PLANTATION DRIVE

More than 800 plants have been planted in DGCA HQ, Udaan Bhawan and Regional offices

of DGCA, which include indoor plants, fruit bearing plants, flowering plants etc, depending on availability of space and future growth potential.

3.15.2 COMPOST PIT CREATION

Three compost pits each were created at DGCA HQ and Regional Offices in Mumbai and Chennai to manage organic waste effectively. The nutrient-rich compost generated from these pits will be used to nourish plants on-site, reducing the need for external waste disposal

and promoting sustainable, eco-friendly plant care.

3.16 WOMEN WELFARE

Under the Women Welfare initiative, vending machines for sanitary napkins, along with incinerators, have been installed in DGCA.

3.17 SC, ST AND OBC REPRESENTATION

The strength of officers and staff belonging to reserved categories in DGCA Headquarters and its regional offices is as follows:

Category→ Name of Office↓	Scheduled Caste	Scheduled Tribe	Other Backward Class
DGCA Headquarters	53	30	57
O/o DDG, Delhi	10	09	37
O/o DDG, Hyderabad	03	02	09
O/o DDG Kolkata	10	08	17
O/o DDG Chennai	07	01	14
O/o DDG, Bangalore	09	03	17
O/o DDG, Mumbai	10	01	30
O/o Gliding Centre Pune	04	03	00
TOTAL	**106**	**57**	**181**

3.18 FACILITIES TO PERSONS WITH DISABILITIES

DGCA has issued Civil Aviation Requirements (CAR), Section 3 – Air Transport, Series 'M' Part I on Carriage by Air of Persons with Disability and/ or Persons with Reduced Mobility. This CAR establishes regulations for the protection of and provision of assistance to disabled persons and persons with reduced mobility traveling by air in order to protect them against any form of discrimination and to ensure that they receive all possible assistance with due respect and dignity.

3.19 ADMINISTRATION

The following were celebrated in DGCA with wide participation from officers and staff:

i.   **Women's Day 2024:** A health check-up focusing on bone density was organized. Additionally, Mrs. Tuhinanshu Sharma, Joint DG delivered a motivational talk on "Women Empowerment and its Socio-economic Impact on Society."

ii. **International Day of Yoga:** On 21st June 2024, a yoga session was conducted by an expert from the Morarji Desai National Institute of Yoga, promoting health and wellness among DGCA employees.

iii. **Organ Donation Day 2024:** Observed on 3rd August 2024 under the theme "Angdaan Jan Jagrukta Abhiyaan," the event aimed to promote organ donation and dispel associated myths. Officers were encouraged to register

on the National Organ and Tissue Transplant Organisation website and take an online pledge.

iv. **Swachhata Hi Sewa (15th September to 2nd October 2024):** This year's theme, "Swabhav Swachhata – Sanskar Swachhata," emphasized visible cleanliness and the welfare of Safai Mitras. A health camp was organized for housekeeping staff, along with the distribution of tracksuits and rubber latex gloves. Officers participated in a Shramdaan activity to clean the road outside the DGCA premises.

v. **Special Campaign 4.0 (2nd October to 31st October 2024):** DGCA's participation in the Special Campaign 4.0 was marked by active involvement and a commitment to the principles of Swachhata and efficiency. The events organized during the campaign not only promoted cleanliness and timely disposal of pending matters but also fostered a culture of responsibility and accountability among employees.

vi. **Swachhata Pakhwada (15st October – 30th October 2024):** The 9th Swachhata Pakhwada was organized with the aim of actively involving DGCA employees in cleanliness-related initiatives. As a gesture of appreciation, token gifts were distributed to all housekeeping staff for their dedicated efforts in maintaining a clean office environment. Additionally, an e-waste collection drive was conducted as part of the campaign.

vii. Rashtriya Ekta Diwas Pledge (Unity Pledge) was organised in DGCA on 30.10.2024 to commemorate the Birth Anniversary of Sardar Vallabhbhai Patel which falls on 31.10.2024.

viii. As a part of awareness campaign for **'Nasha Mukt Bharat Abhiyaan'** on 12th August, 2024, Officers of DGCA were encouraged to take online pledge against drugs on 12th August 2024.

ix. **Constitution Day 2024:** On 26th November 2024, DGCA celebrated the 75th anniversary of the adoption of the Indian Constitution by the Constituent Assembly in 1949. The celebration included a ceremonial reading of the Preamble at DGCA Headquarters.

x. **Vigilance Awareness Week 2024:** was observed from 28th October 2024 to 3rd November, 2024 in DGCA Headquarters and its Regional Offices with the theme "सत्यनिष्ठा की संस्कृति से की समृद्धि" "Culture of Integrity for Nation's Prosperity" along with prelude activities from 16.08.2024 to 15.11.2024. Various competitions like essay writing, poster making and quiz were organised during the week. Workshops on Conduct Rules and Cyber hygiene and security were also organized as a part of Vigilance Awareness Week.

xi. To observe **Armed Forces Flag Day** from 01st to 07th December 2024 in DGCA, all officers were encouraged to make voluntary contributions/ donations to honor our brave soldiers for their valuable contribution in service of the motherland.

xii. The Parliamentary Committee on Official Language conducted inspection of Bhubaneswar and Guwahati offices of DGCA and found the implementation of official language satisfactory.

4. BUREAU OF CIVIL AVIATION SECURITY (BCAS)

4.1 INTRODUCTION

The Bureau of Civil Aviation Security (BCAS) is an attached office of the Ministry of Civil Aviation. The aim of BCAS is to safeguard civil aviation operations against acts of unlawful interference. The Bureau is responsible for laying down the standards for security in respect of civil flights operating to / from India and ensuring their compliance through regular inspections and security audits. The growth of Civil Aviation Industry has presented many new challenges especially related to security. In order to meet these formidable challenges, it is imperative that there must be in-depth appraisal of Government Policies/initiatives and their implementation.

BCAS has its headquarters in New Delhi. It is headed by Director General, who is the "Appropriate Authority" to ensure development, maintenance, updating and implementation of National Civil Aviation Security Programme for India and fulfil all international obligations in this context. The Bureau is the regulatory authority for discharging all relevant national and international obligations in respect of coordination, monitoring, inspection and training the personnel in Aviation Security (AVSEC) matters, implementation of AVSEC quality control programme and up-gradation of technology for securing civil aviation operations.

In order to meet the growing need of security challenges and strengthen the civil aviation security ecosystem in the country, the restructuring of BCAS has also been undertaken in the year 2024, leading to an increase in overall operational posts from 407 to 492. The overall sanctioned manpower of BCAS is 598, including the strength of HQ, Supervisory Offices (SOs), Regional Offices (ROs) and Assistant Regional Offices (AROs).

The number of Regional Offices (ROs) have also increased from 20 to 24 with creation of four (04) new ROs at Itanagar, Chandigarh, Goa & Noida. Additionally, 61 CASLO Units have been replaced with 13 Assistant Regional Offices (AROs), located at Navi Mumbai, Jammu, Nagpur, Vijaywada, Jodhpur, Rajkot, Hubbali, Trichi, Bagdogra, Port Blair, Varanasi, Dibrugarh and Agatti.

Considering the enhanced role of BCAS in view of changing threat landscape, emerging threats like Cyber, CBRN, UAS, oversight for sustainable
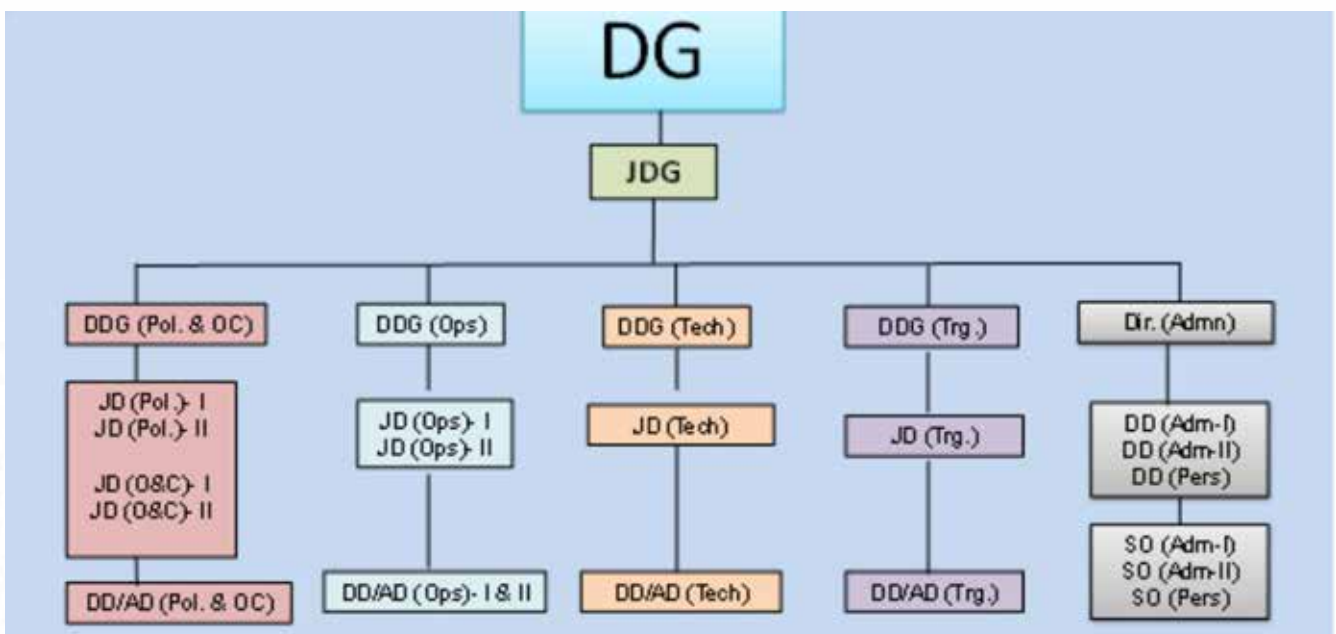
aviation security framework, professional legal support, technological advancement in AvSec equipment, BCAS HQ has been revamped into seven (07) directorates as detailed below with defined roles and responsibilities:

- Directorate of Administration
- Directorate of Personnel Certification and Capacity Building
- Directorate of Policy and Standards
- Directorate of Operations and Support Services
- Directorate of Oversight and Compliance
- Directorate of Technology and Innovation
- Bureau Secretariat

BCAS regularly reviews the staffing pattern/ requirement and concerted efforts have been made for filling up of vacant posts in BCAS. During the year 2024, two recruitment exercises have been undertaken and a total of 158 candidates selected in various ranks, of which 153 candidates have also joined.

4.2 DIRECTORATE OF POLICY AND STANDARDS

(i) **Updation of National Documents:** National Documents i.e. National Civil Aviation Security Programme, National Civil Aviation Quality Control Programme and National Civil Aviation Security Training Programme, which were issued in 2018, have been updated in compliance of the changes made in the ICAO guidelines during the last 6 years.

(ii) **AvSec Orders/Circulars/Addendum/ Corrigendum:** 11 AvSec Orders, 8 AvSec circulars in addition, 57 addendum and 10 corrigendum to review the existing policies as per the current requirement and scenarios, were issued during the year 2024.

(iii) **Aircraft Operator Security Programme (AOSP) of Civil /Commercial/General Aviation/Helicopter:** Security programme procedures and templates pertaining to

Aircraft operator of Civil/Commercial/ General Aviation/Helicopter have been modified and issued.

(iv) **Regulated Agent Security Programme (RASP):** Security programme procedures and templates pertaining to Regulated Agent have been modified and issued.

(v) **Airport Operator Security Programme (ASP):** Security programme procedures and templates pertaining to Airport operator have been modified and issued.

(vi) **Aircraft Traffic Security Programme (ATSP):** Security programme procedures and templates pertaining to Aircraft Traffic have been modified and issued.

(vii) **Capacity Assessment:** Capacity assessment in respect of 16 domestic and international airports was done to review and mitigate the repeated congestion issues at these airports. The long-standing issue of congestions at major airports of India is being resolved with convincing & scientific approach. The scientific model calculation has been appreciated in highest level in the ministry and industry and is being used for future planning to augment the capacity of the Indian airports.

(viii) **Smaller/ RCS:** Office Memorandum pertaining to minimum requirement of security vetting for Smaller/RCS airport has been prepared and issued after due approval of the Competent Authority.

(ix) **Reconciliation of Hold baggage:** This guideline will restrict inherent security concerns of sabotage in cases of passenger hold baggage reconciliation, which to be carried out by Aircraft Operator.

(x) **Quick Reaction Team for Airport:** On the lessons learnt form the terrorist attacks at Indian Airports, the guidelines to empower and execution at ground level has been framed and issued.

(xi) **SOP on entry-back of passenger into the SHA during delay flights:** The said guideline has newly been framed/

developed to give access to passenger into Security Hold Area during delay of flights due to various reasons, so that the passenger may feel easy and secured. This initiative has been appreciated at all levels in the country as well as worldwide.

(xii) **Review of Anti Hijacking Contingency Plan:** It has been carried out and is under consideration for approval.

(xiii) **Anti-Hijack Mock Exercise:** Anti Hijack Mock Exercise was conducted at various airports of India in a different hijack scenario in a single day.

(xiv) **Anti-Hijacking Manual:** A draft has been prepared on the Anti-Hijacking Manual by the Policy Division and forwarded to MoCA on 25.04.2024.

(xv) **Study of arrival baggage service delivery: As per HMCA direction, BCAS conducted this study from 14.1.2024 and its results are as under:-**

Duration	Last Bag delivery 14.1.24 to 29.6.24	
	W1	W24
Up to 30 mins	62.2%	94.5%
31 - 50 mins	35.1%	5.2%
>50 mins	2.7%	0.3%
Total	100%	100%

(xvi) **Aviation Security Culture Week:** Aviation Security Culture Week was organized from 5-11 August 2024. In which, all the aircraft operators (including foreign), airport operators and other stakeholders of the aviation industries were invited to participate. The participants had made the event successful. The all the correspondence regarding the subject matter was done by the Policy Division, BCAS.

(xvii) **WGTR:** 36 BCAS has successfully organized 36th Working Group Threat and Risk (WGTR) meeting in India from 12-14 June 2024 at Bharat Mandapam, New Delhi, wherein 9 to 10 countries' representatives had participated.

(xviii) Working Papers (WPs) to ICAO 6th WPs had been prepared by the Policy Directorate, BCAS for presentation to ICAO Cyber Security Panel meeting held on 3-6 June, 2024 at Montreal, Canada on the following topics:-

a. Aviation Cyber-security Compliance Enhancing Global Standards and Practices (India)

b. Enhancing Global Aviation Security Through Strategic Cybersecurity Training Programs (India)

c. Aviation Cybersecurity Incident Reporting Establishing a Global Standard (India)

d. Practical Challenges Thrown Up for CA CYSEC by AI, Emerging Technologies and their Potential Mitigation and (India)

e. Protection of Critical Information Infrastructure (CII) of Civil Aviation (India)

f. Emerging Threats from Artificial Intelligence (AI) in Civil Aviation (India)

Working Paper to ICAO: Presented 2 working papers by the Policy Division, BCAS on the following topics of Aviation Security at the 2nd ICAO Aviation Security Panel meeting held from 22 to 26 April 2024 at ICAO HQ, Montreal, Canada.

(a) Aviation Security Culture To Optimize Security Performance

(b) Emerging Threats from Artificial Intelligence (AI)

(xix) **Organizing Level-1 meeting**: For ease of doing business, BCAS has organized meetings and as of now 20 Level-1 meetings of Aviation Security stakeholders till now, listened to their issues, examined them and issued amended guidelines to facilitate operations. Similarly, BCAS has organized various meetings on Cargo, Trans-shipment, smooth & swift carriage of harvested organs through air for life saving and Airline Security Functions etc.

(xx) **BCAS Day Celebration:** BCAS Day was celebrated on 1.4.2024, wherein various issues pertaining to the existing and future security requirements of Aviation Industry had been deliberated upon. On this occasion, a workshop was also organized wherein dignitaries highlighted the importance and future requirements of aviation industry as a whole. An exhibition on 'Kanishka' tragedy (Incident) was also organized wherein documents/ evidence witnessing the tragedy were displayed.

4.3 DIRECTORATE OF TECHNOLOGY AND INNOVATION

The Directorate of Technology and Innovation is one of the most important and vibrant Directorates in BCAS. The Directorate is primarily involved in recommending the technical specifications for the security equipment deployed at the civil airports in India. The Directorate also strives to bring upcoming and latest technology at the airports in India to improve overall security of airports and ensures that our airports remain competitive with international airports in security standards. It is also assigned with the responsibilities to conduct Manpower Survey/Re-survey, issuance of guidelines/norms for K9, specifications for equipment and vehicle for QRT at airport,

BCAS Website Management &up-gradation. It ensures Project Monitoring/Implementation & Commissioning of Biometric Access Control System (BACS) Project/ e-BCAS projects, etc. Regular Technical Coordination with ECIL/ NIC/CDAC and similar other organizations is also maintained for various projects. Tech Dte. Also ensures the Implementation of e-BCAS project with respect to Security Programme of various entities, Issuance/ Renewal of Airport Entry Passes (including biometric AEP). This Dte.is also assigned with the responsibility for managing CPGRAMS, Airsewa and RTI related matters on BCAS portal. The Directorate also issues/communicates guidelines/directions on Cyber Security matters, Election related matters. It also conducts Security Clearance of US Federal Air Marshals (FAM) & German FAM, Background checks of foreign nationals for AEP issuance purposes. One of the important responsibilities of this Dte.is to issue Qualitative Requirements (QRs) and Trail Directives (TD) for the Security equipment for aviation security, upcoming technology and its adaptation.

MAJOR INITIATIVES:

(i) **Manpower survey/resurvey:** During the year 2024, this Directorate has received25 proposals for augmentation of security manpower at various airports of the country, which were thoroughly examined and manpower finalized after detailed deliberations with the standing committee. All the finalised manpower proposals have been submitted to MoCA for its approval.

(ii) **Technical specification:** Technical specifications for RDE (Radiological Detection Equipment), at least 19 Equipment for QRT (Quick Reaction Team) and Vehicles, K9 (canine) at Airports have been issued during the year 2024.

(iii) **BCAS Website re-designing, up-gradation and re-launch:** A major initiative has been undertaken to re-design, upgrade and re-launch a new BCAS

Website (https://bcasindia.gov.in) to make it more convenient in its user interface, especially for PwD (Persons with disability). BCAS has successfully achieved the launch of new upgraded version of BCAS Website with enhanced security features and ease of flow of information amongst general public.

(iv) **Upgradation of Access Control System to De-centralisedSystem (DACS):** An innovative De-centralised Access Control System (DACS) based on Facial recognition system for all the Airports in the country is under design and planning in consultation with the various Airport Operators and other Stakeholders like CISF, Airlines Operators, Industry Expert, etc. DACS will upgrade and replace the existing Central Access Control System (CACS), presently implemented at 48 airports. Facial recognition features will be advantageous in zoning of the access i.e. recognising access to various zones by an AEP holder/Staff through CCTV Cameras. Various meetings and discussions with the stakeholders have been conducted to finalise and launch this innovative system, very soon for all the airports in the country.

(v) **eBCASPortal and Module:** BCAS has successfully monitored, upgraded and re-designed the eBCAS modules like Security, Oversight & Compliance (O&C) Modules at eBCAS portal. All the Audits and examination as well as approvals of Security Programmes of various entities are being performed through eBCAS successfully. Regular coordination with various other Dtes. of BCAS and the IT firm is being conducted regularly to improve the modules for overall improvement on security compliances, Training requirements, etc.

(vi) **Public Grievance Redressal:** At least 123 grievances were empathetically handled and disposed of through CPGRAMS (Centralised Public Grievance Redress and Monitoring System).

(vii) **Background Checks:** This Directorate has conducted background checks of at least 787 foreign nationals, in the year 2024, in coordination with the Central Security Agencies i.e. IB and R&AW.

(viii) **US and German FAM (Federal Air Marshal):** Necessary processes and timely permissions were ensured by this Dte. at BCAS HQforvisit of US Federal Air Marshals (FAM) and German Federal Air Marshals to India through various airports, during the year 2024.

(ix) **General Elections guidelines/ instructions:** During the General Parliament Elections and Assembly Elections and by-elections (State/UT) in the States of Sikkim, Arunachal Pradesh, Andhra Pradesh, Odhisa, Maharashtra, Jharkhand, Haryana, J&K, etc., in the year 2024, various directions issued by the Election Commission of India have been communicated/reiterated to all the Airports of the country for ensuring their implementation by all the concerned entities/Organisations.

4.4 DIRECTORATE OF OPERATIONS& SUPPORT SERVICES

BCAS is also responsible for handling the online e-Sahaj portal for security clearances of entities operating at airports, alongwith matters related to exemptions from physical checks of sensitive materials, Pre-Embarkation Security Checks, CISF-related issues, monthly Departmental Orders to MoCA, and visits by the foreign delegations. The performance report and achieved targets for this Directorate are as follows:

(A) Internal Committee:

A mechanism has been established for assessing additional inputs on security parameters provided by the Ministry of Home Affairs (MHA) and Central Security Agencies (CSAs) for the issuance of security clearance statuses to various entities in the civil aviation sector. This mechanism has been formalized

through an Office Memorandum (OM) dated 01/04/2021. During the reporting period, a total of 22 Internal Committee meetings were held to deliberate on inputs from CSAs concerning 175 applications for security clearances. The details are as follows:

Sl No	IC	Date	No of Cases	Approved	Regretted	Pending	Closed
1	1st	15.06.2021	01		01		
2	2nd	01.07.2021	01		01		
3	3rd	14.09.2021	06	05	01		
4	4th	21.12.2021	07	06	01		
5	5th	30.12.2021	13	12			01
6	6th	18.02.2022	07	06	01		
7	7th	28.02.2022	07	07			
8	8th	01.04.2022	07	07			
9	9th	11.04.2022	03	03			
10	10th	04.05.2022	19	17	01		01
11	11th	01.07.2022	05	05			
12	12th	29.07.2022	09	05	03		01
13	13th	19.08.2022	15	10	02		
14	14th	02.09.2022	14	11	01		01
15	15th	26.09.2022	01				
16	16th	13.10.2022	16	16			
17	17th	20.10.2022	09	09			
18	18th	15.11.2022	14	13			01
19	19th	20.04.2023	01				
20	20th	07.11.2023	03	02			
21	21th	18.06.2024	04	01	01	01	
22	22th	12.10.2024	13	10	02	01	

(B) **NSG Mock Exercise Permission and Sky Marshal (IFSO) Deployment:**

(C) **CISF Issues:** BCAS is also tasked with handling various issues related to the Aviation Security Group (ASG) of CISF. The issues raised by ASG have been addressed.

(D) **Grant of Security Clearance for Aviation Sector Entities:** Various entities submit their applications on the e-Sahaj portal which are then processed and forwarded electronically to Central Security Agencies (IB, MHA, and R&AW) for their comments/ inputs and background checks on the company and its Board of Directors (BoDs). The details of e-Sahaj applications from 2018 till date are as follows:

Year	Conces-sionaire		Catering Establi-shment		Auxiliary Service Provider		RA		GHA		Fuel Farm		PSA		GSA/ GSSA		FBO	
	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected	Approved	Rejected
2018	33	0	4	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0
2019	55	7	7	0	91	4	4	0	29	0	0	0	0	0	0	0	0	0
2020	48	3	3	0	160	0	8	0	29	0	0	0	0	0	0	0	0	0
2021	205	5	8	1	620	12	7	0	27	2	1	0	1	0	0	0	0	0
2022	235	8	6	0	495	3	7	0	23	0	5	0	24	1	9	0	0	0
2023	186	2	4	0	462	1	15	0	23	1	6	0	5	0	5	0	0	0
2024	141	2	3	0	516	0	10	0	10	0	4	0	8	0	6	0	3	0
Total	903	27	35	1	2359	20	52	0	141	3	16	0	38	1	20	0	3	0

Approve Security Clearance Year 2018 to 2024 =**3567**

Rejected Security Clearance Year 2018 to 2024 =**52**

(F) **Visits of Foreign Delegation and Exemptions:**

BCAS also handles requests for foreign delegation visits, including exemptions from Pre-Embarkation Security Checks from the Ministry of External Affairs (MEA) for foreign delegations and from VS Division of Ministry of Home Affairs (MHA), for the import of arms, ammunition, and other security/technical/ communication equipment carried by foreign security officers accompanying foreign dignitaries.

As per the existing rules and guidelines, exemption letters have been issued on a case-by-case basis, based on the requests from MEA and MHA.

The total number of foreign delegation exemptions issued from 2020 till date is 3,365.

4.5 DIRECTORATE OF PERSONNEL CERTIFICATION AND CAPACITY BUILDING

TRAINING:-

1. Bureau of Civil Aviation Security is the regulatory body for Aviation Security in India andhas approved 39 Aviation Security Training Institutes (ASTIs) of stakeholders/ entities working in Aviation Sector in India. These ASTIs are conducting the different Aviation Security training/courses. These ASTIs are also conducting one-day awareness training for non-security staff.

2. The Annual Training Calendar 2024 for the Advance AvSec Courses, Testing and Certification of Screeners (Standalone as well as ILHBS) and AvSec Basic Course was prepared, training calendars uploaded on the BCAS website and courses and tests conducted as per the schedule.

3. BCAS, in coordination with the National Institute of Electronics & Information Technology (NIELIT) has conducted AvSec Basic Course online examination on the final day of the course in different cities of India, especially in Delhi, Mumbai, Kolkata, Hyderabad, Chennai, Bengaluru and Cochin. However, the tests have also been conducted in other cities of India, on their special requests or on requirement basis, i.e. Srinagar (J &K), Lucknow (UP), Amritsar/ Jalandhar (Punjab), Imphal, Patna (Bihar),

Guwahati (Assam), Jaipur (Rajasthan), Ranchi (Jharkhand) for APSU personnel where the facility for conduct of online test was available with NIELIT.

4. BCAS in coordination with the NIELIT is also conducting Testing and Certification of Screeners (Standalone & ILHBS) exam online since December 2023 in different cities of India, especially in Delhi, Mumbai, Kolkata, Hyderabad, Chennai, Bengaluru and Cochin.

5. In addition to the regular slots, special slots of Testing and Certification of Screeners (ILHBS) were also allotted to Airports Authority of India.

6. On special approval, Basic Avsec course training for the APSU personnel under RO Lucknow, Hyderabad, Dehradun, Ranchi, Raipur, Srinagar, Guwahati, Bhubaneshwar, Amritsar, Patna and Imphal were also conducted under supervision of the concerned offices of Regional Directors.

7. On-line examination for AvSec Basic Course and Testing &Certification of Screeners (Standalone &ILHBS) are conducted in coordination with NIELIT and bilingual Question papers are prepared with a view to increase the use of Hindi by Aviation personnel.

8. Nomination for the Advance AvSec Courses, being conducted in Aviation Security Training Institute (ASTC), IAA Campus, New Delhi, are received through e-BCAS (Training Module) from all stakeholders and the courses for eligible trainees are accordingly conducted. Result is also being uploaded on e-BCAS portal for further viewing and allows self-generation/ downloading of the certificate.

9. Further additional batches of AvSec Instructor Course, AvSec Instructor Refresher Course, AvSec Auditor Course and AvSec Auditor Refresher courses in ASTC, IAA Academy in addition to the regular courses scheduled as per BCAS approved Annual Training Calendar 2024.

10. During current training year, ASTC New Delhi has conducted 01 ICAO sponsored workshop i.e. ICAO Risk Management Workshop for various stake- holders from Aviation industry, such as, Aircraft operator, Aerodrome operators, Regulated Agents, which was also attended by the three BCAS officers. In the Said workshop, ICAO-certified instructor from South Korea, Mr. Brian Jin, was the lead instructor.

11. An AvSec Basic Course for newly joined BCAS officers on deputation to BCAS was also conducted. The AvSec Instructor and AvSec Auditors courses for BCAS officers were also conducted in ASTC, IAA Campus.

12. Training Division, BCAS has developed and conducted self-paced& tailored made programme for First Responders and crisis management for different stakeholders such as ATCOs/ASGs, Airlines, etc.

13. Global Aviation Cyber Security Certification Program was organized on 11th of Sept. '24 wherein participants from the network of 39 ASTIs spread all over India participated.

14. Training Division, BCAS in coordination with IAA has developed online platform for conducting Aviation Security Awareness Programme for Non- security staff.

15. BCAS in coordination with DfT (Department for Transport), United Kingdom (U K) has conducted a Cyber security Workshop for BCAS officers and 2 courses for CISF Screeners and Supervisors at ASTC, New Delhi (IAA).

16. As per the agreement with IATA, 5 officers have undergone various courses related to several aspects of Security.

17. Details of Training Program organized by BCAS for Security personnel in Aviation Sector during the year 2024 are as mentioned below: -

Sl. No.	Name of AvSec Course	Duration of Course	No. of batches	No. of Candidates Appeared (Till December 2024)	No. of Candidates Passed (Till December 2024)
1	One day Awareness Training for non-security staff	1	Online	129102	129100
2	Aviation Security Induction Course	5	417	7875	7442
3	Aviation Security Basic Course	14	425	13441	9938
4	Aviation Security Basic Refresher Course	3	399	9662	9505
5	Testing and Certification of Screeners (Standalone)	3	452	14693	11359
6	Testing and Certification of Inline Hold Baggage Screeners	3	42	1420	1227
7	Aviation Security Cabin Crew Course	6	254	5669	5246
8	Aviation Security Cabin Crew Refresher Course	2	620	15985	15470
9	Aviation Security Instructor Course	7	12	156	119
10	Aviation Security Instructor Refresher Course	2	13	190	174
11	Aviation Security Auditor Course	8	12	154	87
12	Aviation Security Auditor Refresher Course	2	6	77	77
13	AvSec Crisis Management Course	5	2	33	29
14	AvSec Supervisor Course	8	2	39	35
15	AvSec Security Cargo Course	5	1	9	9
16	CISF/Police Supervisor Course (Conducted by DFT)	3	1	15	15
17	CISF Screener Course (Conducted by DFT)	3	1	15	15

Participants in AvSec Courses organized in the year 2024

AvSec Awareness Training (Online) - 01 day:	1,29,102
AvSec Training (Different Courses) 02-14 Days:	69,433
Grand Total:	1,98,535
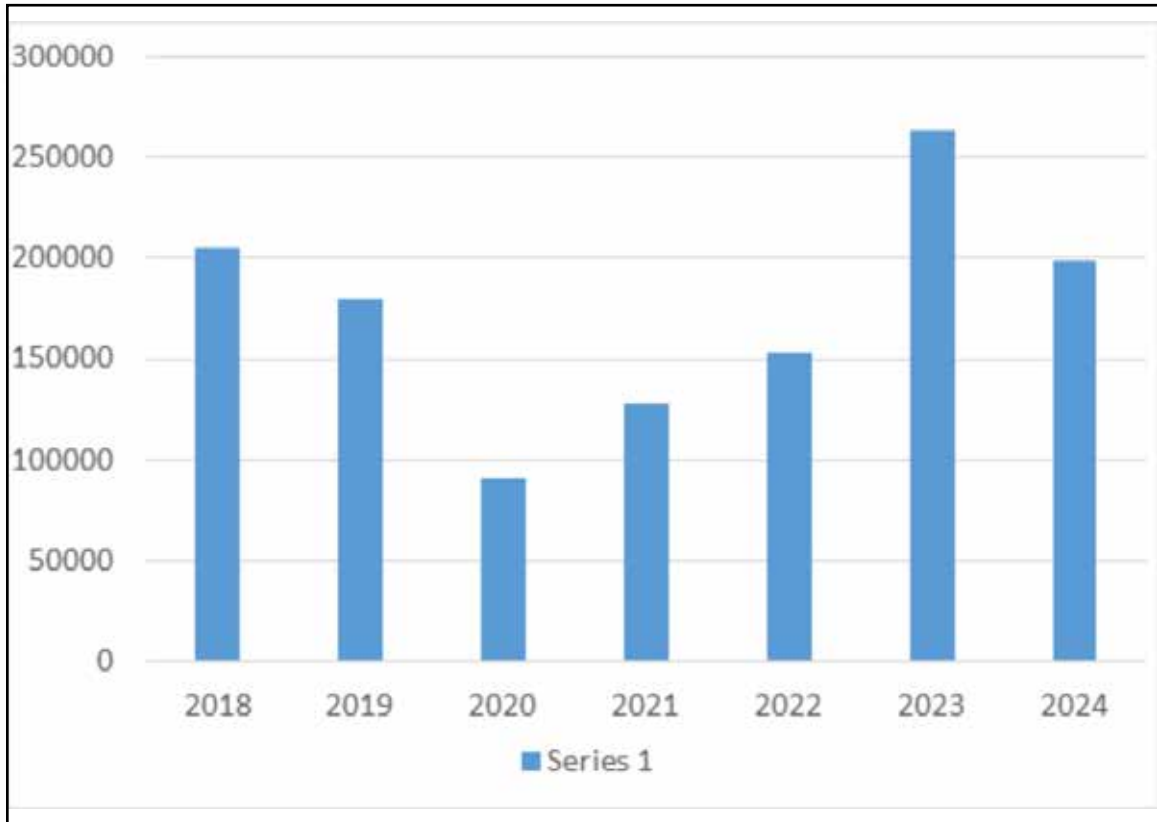
4.6 POLLUTION CONTROL

Pollution test for all vehicles is ensured and the Pollution under Control Certificate is pasted visibly on the windscreens of all BCAS vehicles. All office buildings of BCAS ensure clean and green working environment through employees' own initiatives and contribution to the efforts towards a pollution free atmosphere. BCAS ensures that all new vehicles are "Bharat-IV/VI" certified. Bureau also provides a "Smoke – free Environment" to its employees.

4.7 WOMEN'S WELFARE

Problems of the women employees, as and when reported, are promptly attended to and resolved, keeping in view specific requirements of Government Policy on the subject. A Complaints Committee has been set up at the Ministry to enquire into complaints of sexual harassment at workplace.

4.8 IMPEMENTATION OF OFFICIAL LANGUAGE

To ensure the effective implementation of Official Language Policy BCAS has decided to conduct the examination of AvSec Screener in bilingual so the uses of Hindi language increase in the aviation sector as well as its Regional Offices located in India. To ensure the progressive use of Hindi, Inspections were carried out at the Regional Offices and in addition to workshops on Hindi were also organized in Headquarters and regional offices for the Officers and Staff.

5. COMMISSION OF RAILWAY SAFETY

5.1 INTRODUCTION

The Commission of Railway Safety works under the administrative control of the Ministry of Civil Aviation, Government of India, dealing with the matters pertaining to safety of rail travel and is charged with certain statutory functions laid down in the Railways Act' 1989. These functions are inspectorial, investigatory and advisory in nature. The Commission functions according to certain rules framed under the Railways Act and executive instructions issued from time to time. The most important duty of the Commission is to ensure that any new Railway line to be opened for passenger traffic should conform to the standards and specifications prescribed by the Ministry of Railways and the new line is safe in all respects for carrying of passenger traffic. This is also applicable to the works such as gauge conversion, doubling/ tripling/ quadrupling of lines etc. The Commission also conducts statutory inquiries into serious train accidents and makes recommendations for improving safety on the Railways.

5.2 ORGANIZATIONAL STRUCTURE

The Commission of Railway Safety is headed by the Chief Commissioner of Railway Safety (CCRS) who acts as a Principal Technical Advisor to Central Government (Ministry of Railways) in safety related matters with which Commission is concerned. CCRS is assisted by 05 Dy. CRS and other supporting Staff. There are two wings in the office of CCRS i.e. Railway Safety Wing dealing with administrative matters and Technical Wing dealing with technical matters. There are 09 Commissioner of Railway Safety (CRS) and 01 Commissioner of Metro Railway Safety (CMRS) located at different places across the country. Each circle office is headed by CRS and assisted by 01 Dy. CRS along and other supporting staff. The post of CCRS/ CRS is statutory and recruited amongst Railway officers on absorption basis. However, Dy.CRS post is not statutory and comes from Railways on deputation basis and go back to Railways after completion of their deputation period.
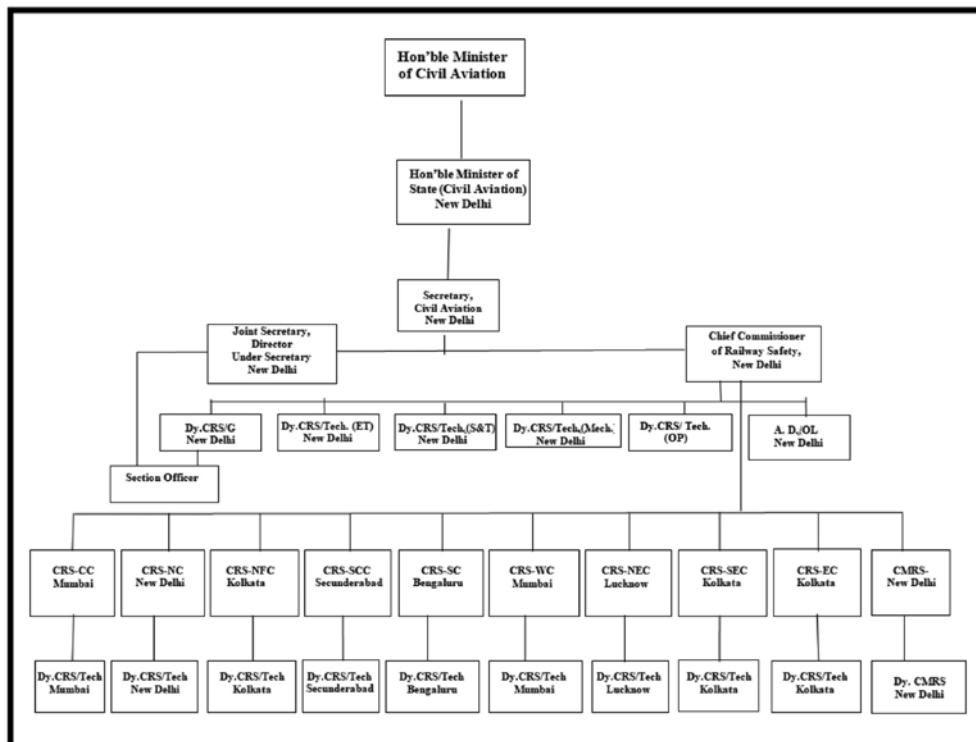
5.3 FUNCTIONS

FUNCTIONS OF A CRS/CMRS

I. Authorization for opening of new Railway/ Metro lines.

II. Investigation into Serious Railway Accidents.

III. Sanction for execution of Minor Works related with modifications.

IV. Condonation of Infringements to Schedule of Dimensions, Sanction for movement of Over Dimensional Consignment (ODC) on Indian Railways.

V. Periodical Inspection of running lines and other Railway/ Metro assets.

FUNCTIONS OF CCRS

I. CCRS acts as principal Technical advisor to Central Government in all matters relating to Railway Safety.

II. Dispute resolution between Ministry of Railways & Commission of Railway Safety.

III. Introduction of new Rolling stock and increase in the speed of existing Rolling stock.

IV. Condonation of infringement to IRSOD is case of rolling stock.

V. Examination of Railway Board's proposals for amendments of General Rules, Rules for Opening of a Railway, Schedule of Dimensions etc. whenever so referred.

VI. Administrative functions- promotion/ posting, filling up vacancies, annual reports, publications

ROLE OF THE MINISTRY OF CIVIL AVIATION

Commission of Railway Safety functions under the administrative control of the Ministry of Civil Aviation. The Commission of Railway Safety has been exercising functional autonomy in technical matters while the Ministry of Civil Aviation deals with matters pertaining to administrative, establishment and financial issues.

5.4 ACTIVITIES/ACHIEVEMENTS

MAIN ACTIVITIES Railway Lines Inspection & authorization (in Km)	From 01.01.2024 to 31.12.2024
Additional line/ Doubling	1889.28
New Lines	592.07
Gauge Conversion	247.9
No. Of Application of Minor Works sanctioned	1231
No. of Rolling stock cases Sanctioned/ forwarded	33

5.5 PROGRESS IN USE OF HINDI

Commission of Railway Safety is actively pursuing the task of maximizing the use of Hindi for official communications. As a result of the sustained efforts of the CCRS office, the circle offices situated in the 'Á', 'B' & 'C' region (categorizations as per Official Language Rules, 1976) has achieved fantastic figures of 100%, 100% & 90% respectively in Hindi correspondence during the year 2023-24. **Commission published its in house Hindi Magazine 'Suruchi'** on 20th September, 2024. Southern Circle, Bangalore was adjudged the best circle office and accordingly it was awarded the outstanding Rajbhasha shield.The second and third prize has gone to Western Circle, Mumbai and Central Circle, Mumbai, respectively.

5.6 CLEANLINESS & POLLUTION CONTROL

CAll possible steps are being taken to ensure cleanliness and control pollution in the offices of Commission of Railway Safety. The office premises are always kept neat and tidy. Swachhata Pakhwada was also successfully held in all offices of the Commission. Smoking is strictly prohibited in the office premises. Lots of plantation have been done in office premises to make the environment clean & green.

5.7 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

The offices of the Commission of Railway Safety are generally located in premises of local Railway office. The complexes and facilities provided there such as toilets, crèche, tiffin room etc. are availed by the female employees of the Commission also. The instructions on welfare of women employees, issued by Government of India from time to time are being strictly implemented.

5.8 PUBLIC REDRESSAL GRIEVANCES MACHINERY

Commission of Railway Safety usually has no public dealings. However, Right to Information Act, 2005 has been fully implemented in the Commission. Moreover, Commission is actively redressing all the grievances on (CPGRAMS) portal. CRS is also working on e-office platforms for early disposal of the grievances.

5.9 ISSUES RELATING TO DEVELOPMENTAL ACTIVITIES TAKEN UP IN THE NORTH EAST

Commission of Railway Safety is not mandated to carry out any sort of developmental activities in the North East.

5.10 REPRESENTATION OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASS EMPLOYEES IN THE COMMISSION OF RAILWAY SAFETY AS ON 31.12.2024

In Commission of Railway Safety's Circle offices, only the posts of LDC are filled on direct recruitment basis. All other posts are filled up by promotion/deputation/absorption method. At present, the details of SC and ST employees' representation in the Commission is as below:

Name of the Organisation	Total No. of employees	Total No. of SC employees	% age	Total No. of ST employees	% age	Total No. of OBC employees	% age
Commission of Railway Safety	115	18	15.65	03	2.61	11	9.57

5.11 WELFARE OF SENIOR CITIZENS

Commission is working as per Government of India's instructions for welfare of Senior Citizens. Further, Commission re-employs retired officials on contractual basis, as and when required.

5.12 FACILITIES TO PERSONS WITH DISABILITIES

Commission follows all Government of India's instructions for facilitating the persons with Disabilities.

5.13 VIGILANCE ACTIVITIES

Commission monitors & co-ordinates vigilance activities of the Circle Offices under its administrative control. Vigilance awareness week was also held from 28.10.2024 to 03.11.2024 wherein various sensitization drives were held by the Commission.

5.14 CITIZEN CHARTER

All the timelines and guidelines as per the Citizen Charter are being strictly followed by the Commission of Railway Safety.

5.15 CYBER SECURITY

Commission of Railway Safety follows all the instructions/guidelines issued by the Ministry of Electronics and Information Technology time to time.

6. AIRCRAFT ACCIDENTS INVESTIGATION BUREAU

6.1 INTRODUCTION

- In accordance with Standards and Recommended Practices (SARPs) issued by the International Civil Aviation Organization (ICAO) and to ensure independence of investigation function from the regulatory function; the Government of India decided to establish a Bureau independent of the DGCA India.

- Keeping in mind the Indian scenario, the Aircraft (Investigation of Accidents and Incidents) Rules 2012 were formulated and notified on 5th July 2012 through a Gazette Notification. In accordance with these Rules and for the purposes of carrying out investigation into accidents, serious incidents and incidents; the Government of India set up a Bureau known as the Aircraft Accident Investigation Bureau (AAIB) as an attached office of the Ministry of Civil Aviation on 30th July 2012.

6.2 ORGANISATION

- In accordance with ICAO Annex 13, Rules notified in 2012 were amended in 2017 and AAIB was made an attached office of the Ministry of Civil Aviation. Now investigation work is being carried out as per amended Aircraft (Investigation of Accidents and Incidents) Rules 2017 as AAIB has got immediate and unrestricted access to all relevant evidence without seeking prior consent from judicial bodies or other Government authorities.

- The Recruitment Rules are notified on 06 May, 2022. Recruitment for various posts is under process.
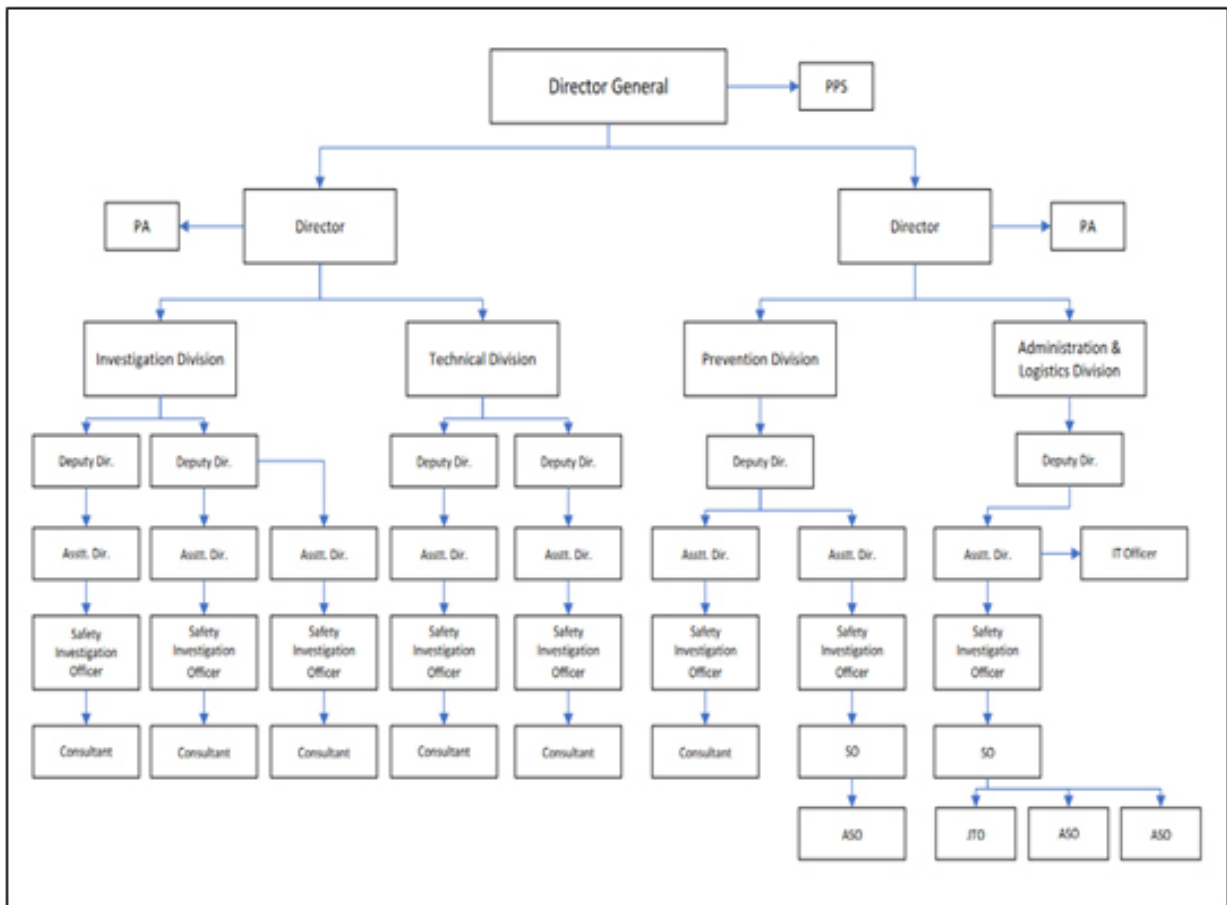
6.3 FUNCTIONS

- AAIB is required to carry out India's obligation towards ICAO as per Annex 13 and shall discharge various functions including: -

- To obtain preliminary report under rule 9 from any person or persons authorised either under sub-rule (1) of rule 9 or under sub-rule (3) of rule 7;

- Classification of occurrence and setting up investigation and in case of formal investigation, assisting the Central Government, under these rules;

- To facilitate the investigation and administrative work of the investigation whenever necessary;

- Processing of the reports of investigation received by the Aircraft Accident Investigation Bureau, which includes:-

i. Acceptance of report by DG, AAIB and making it public by DG, AAIB in a manner he deems fit;

ii. Forwarding of the final report, made public by the Central Government under sub-rule (2) of rule 14 or by Aircraft Accident Investigation Bureau, to the States as required under Annex 13;

iii. Forwarding of the final report, made public by the Central Government or Aircraft Accident Investigation Bureau, to ICAO if the mass of the aircraft involved in accident or incident is more than 5,700 kg.

- To formulate safety recommendation on the basis of safety studies, including induction of new technology to enhance safety, conducted from time to time;

- To establish and maintain an accident and serious incident database for effective analysis of information on actual or potential safety deficiencies;

- To process obligations of the Central Government under Annex 13 to the Convention relating to International Civil Aviation signed at Chicago on the 7th day of December 1944 as amended from time to time;

- To forward the recommendations made in investigation reports and safety studies to DGCA and other regulatory authorities for their follow up and to obtain compliance of the same;

- To inform ICAO of the issuance of a Safety Recommendation of Global Concern (SRGC) and its responses in dated transmittal correspondence, even when the SRGC is not addressed to ICAO; and

- any other functions, which the Central Government may ask the Aircraft Accident Investigation Bureau to perform from time to time under these rules

1. **ACCIDENT / SERIOUS INCIDENT INVESTIGATIONS**

- Investigation of 91 accidents out of total 104 accidents has been completed till 31.12.2024 and 88 Final Investigation reports have been made public.

- Investigation of 108 serious Incidents out of total 123 serious incidents has been completed till 31.12.2024 and 107 final investigation reports have been made public.

- The final investigation reports are available on AAIB Web-site.

2. **INVESTIGATIONS ORDERED SINCE 01.01.2024 TILL 31.12.2024**

- Investigation into a total of 06 accidents, 08 serious incidents have been ordered by DG, AAIB under Rule 11 of Aircraft (Investigation of Accidents and Incidents) Rules 2017.

3. AAIB shifted to new building Udaan Bhawan in March 2024. The Aircraft Accident Investigation Bureau (AAIB) was accommodated with the Directorate General of Civil Aviation (DGCA) office

since its inception in 2012. Few rooms were spared by DGCA (Northern Region). The office was located at Old Safdarjung Airport. A MoU was signed by the Ministry of Civil Aviation to construct a new building, Udaan Bhawan. AAIB officially relocated to the newly constructed Udaan Bhawan in March 2024. The new Udaan Bhawan boasts modern amenities designed to enhance work environment and efficiency.

6.4 ACHIEVEMENTS

* National Seminar on Human Factors in Aircraft Accidents. Improvement in technology increased reliability of aircraft systems and reduction in accidents due to technical faults. However, Human Error contribution to aircraft accidents is raise globally. AAIB carried out a study of the findings of the Investigation Reports and took initiative to deal with this subject at a wider platform. A Seminar on the theme of Human Factors was hosted on 23 September 2024 at Indian Aviation Academy, New Delhi. The Seminar was graced by Hon'ble Minister of Civil Aviation Shri Kinjarapu Ramamohan Naidu and was attended by top dignitaries of the Ministry. All the major airline operators, flying training organisations and professionals from industry have participated in the seminar. The Seminar was a great success. This was a forum which brought together Scheduled Operators, Non-Scheduled operators, FTOs, Cargo Operators and spend one day to brainstorm on a subject which is most relevant in the Aviation Domain. The Various Presentations and Panel Discussions had many takeaways for the participants. Such Seminar is step towards strengthening the growth path of the Indian Civil Aviation. It has attracted attention of FAA and ICAO.

* Study on Helicopter Accidents. AAIB has conducted a study on Accident Trends of Helicopters in India between 2012 to 2022 for identifying the causal factors and suggest way forward. The study was initiated and completed in 2024. 25 accidents in India and 60 accidents in Global Offshore were compared. Analysis of Fatal Accidents in India revealed higher accidents due to Controlled Flight In to Terrain (CFIT). Based on the recommendations positive safety culture workshop for offshore operators was conducted by a team led by DG AAIB, a senior helicopter pilot and aviation psychologist on 30 September and 01 October 2024 at Mumbai. Measures for improvement of Helipad Infrastructure are also taken up.

* Human Factors in Maintenance and Safety Symposium. AAIB has started a new trend of outreach program with the operators. The Operators conduct a quarterly Safety program which is a CAR requirement under SMS program. This has yielded great results and has been appreciated by the Aviation fraternity of India. AAIB participated in Human Factors program of Air India, Safety Seminar of Indigo and Safety Symposium of GE Aerospace. Such sharing of information and thought is step towards Accident Prevention Strategy which is the primary aim of any investigation.

6.5 FUTURE PLANS

* Expansion of Flight Data Recorder and Cockpit Voice Recorder Lab. The investigation into the crash of Air India Express Boeing 737-800 aircraft at Kozhikode on 07 August 2020 recommended for setting up of State of the Art Flight Recorders (CVR&DFDR) Lab at AAIB. AAIB has entered into MoU with M/s HAL, a premier Aircraft, Aero-engine and Avionics Defence Public Sector Undertaking (DPSU) in India with vast experience in the field of aviation. Supply Order was placed on 04 Mar 24 for setting of Flight Recorders laboratory at the approximate cost of Rs 879.75 lakhs. The FDR and CVR Lab has been set up on 31 Mar 24 at new premises of AAIB. The FDR lab set up has been planned in phases. The first phase has been completed with having

download capability of 80% of the Indian Registered aircraft. The phase one first part was to have the capability of download and steps are being taken to have readout software. The next phase will be expansion of Lab and have the capability to handle damaged FDR. HAL has agreed to depute its representative to provide assistance in that direction. Road map for expansion is being made for Expansion of Flight Recorder Lab. This proactive step by AAIB will go a long way in conforming to the International SARPs.

6.6 MISCELLANEOUS

- "Swachhata Campaign" was organized by the office of AAIB.
- "Hindi Pakhwada" was also organized by the office of AAIB. Published first Hindi magazine "Utkarsh" in the year 2024-25 and got award from MoCA.
- Observed Vigilance Campaign and Vigilance Awareness Week.
- AAIB is working 100% on e-Office.
- AAIB is conducting Hindi workshops on regular basis.

7. INDIRA GANDHI RASHTRIYA URAN AKADEMI (IGRUA)

7.1 INTRODUCTION

Indira Gandhi Rashtriya Uran Akademi (IGRUA) is the only Flying Training Organization (FTO) in the country under the overall administrative control of the Ministry of Civil Aviation, Government of India. IGRUA was founded on 7th November, 1985 at Fursatganj in the District of Amethi near Raebareli, Uttar Pradesh to bring about a quantum improvement in the standards of flying and ground training of Commercial Pilots in the country.

During the past about four decades of its existence, IGRUA has graduated the finest pilots in the country, thereby contributing immensely for the development of Indian Aviation industry.

7.2 ORGANISATIONAL SET UP

IGRUA is an Autonomous Body established under the Societies Registration Act, 1860. IGRU Society is administered by a Governing Council under the Ex-officio Chairmanship of Secretary, Ministry of Civil Aviation.

The Akademi is headed by a Director and is assisted by Departmental/Sectional Heads. IGRUA is administratively controlled by Government of India through Ministry of Civil Aviation.

7.3 OBJECTIVES

The broad objective of IGRUA is to promote and develop the science of aeronautics and civil aviation in national interest and also to extend the same to foreign nationals. In the process, the Akademi conducts airline oriented flying training courses to the level of contemporary international standards. Various courses and training programs offered are:

a) Ab-Initio to CPL Course on fixed wing aircraft. Instrument rating and multi-engine endorsement is part of this course.

b) Type Training through a MoU with FSTC to produce Type Rated Pilots in commercial aircraft such as Airbus 320, Boeing 737, ATR-72 and Q-400 to make them industry ready for induction in various airlines. This will be an additional attraction for the flying cadets being inducted in IGRUA from FY 2023-24 onwards.

c) Three years Graduation Program for IGRUA CPL trainees in B.Sc. (Aviation) through Dr. Ram Manohar Lohia Avadh University, Ayodhya, Uttar Pradesh. Affiliation process is in process with Rajiv Gandhi National Aviation University (RGNAU). Once affiliated, the degree of B.Sc.(Aviation) will be offered by RGNAU.

d) 5-Day DGCA-certified drone training course to become professional RPAS pilots on both Micro & Small-category drones in collaboration with M/s Drone Destination.

e) 7 day "Train the Instructor" training course by IGRUA in collaboration with M/s Drone Destination to impart training to trainers of RPTOs approved by DGCA for imparting Drone Training.

f) English Language Proficiency (ELP) Training & Testing for pilot aspirants.

g) CRM & Multi Crew Conversion Course on DA 42 aircraft.

h) Conversion training for cadets undergoing training abroad for issue of Indian CPL.

i) Impart flying training to Navy and Coast Guard officer cadets.

j) Refresher Course for Certified Flying Instructors and Pilot Instructors of Flying Training Institutes.

k) Courses for Assistant Flight Instructor Rating (A) and Flight Instructor Rating (A).

l) Skill Tests for renewal of License for Ex-students of IGRUA on requirement basis.

m) Simulator training & checks on Flight Navigation Procedure Trainers (FNPTs) of Diamond DA40 and Diamond DA 42 aircraft.

n) On Job Training on aircraft to students undergoing Diploma in Aeronautical and Aircraft Maintenance Engineering.

o) Vocational training of Engineering graduates.

p) AME continuation training.

q) Three year Aircraft Maintenance Engineering (AME) course. Affiliation with RGNAU is under process, once the affiliation is done, all students of

AME School will be given degree in B.Sc. (AME).

7.4 INFRASTRUCTURE

- **OVERVIEW:** The Akademi is equipped with state of art trainer aircraft, modern simulators in the form of FNPTs & CPTs with visual system, up-to-date audio-visual training aids, two libraries equipped with adequate study material, computerized examination cell for internal assessments and other facilities for effective ground training. It employs qualified Flying, Simulator and Ground instructors, having vast experience in the field of aviation for successfully imparting Line Oriented Flying Training (LOFT) to the Flying Cadets. The aim at IGRUA is not only to impart flying training to make a pilot but also to mould him/her as an effective systems manager in aeronautics. The flying trainees of the Akademi acquire the standards required for their transit with ease into the cockpits of the airlines.The Akademi has incredible infrastructure that facilitates transition of an Intermediate (10+2) pass level individual to a confident commercial pilot with an option of getting degree in B.Sc. (Aviation),

fit to be absorbed by the airlines. It has four hostels (including two separate Girl's hostel) which can house 248 boys and 48 girls on a twin sharing basis. IGRUA campus also has residential accommodation for its staff. The operational area has a 6080 feet runway with a parallel taxi track, five links, dispersal area and three hangars. IGRUA has dedicated air space earmarked for it to enable uninterrupted flying training. The Airfield is equipped with night flying facilities including a PAPI. IGRUA has its own Nav and landing aids in terms of VOR/DME and ILS/DME. It has its own Fire Safety Services, Aviation Fuel Station and Air Traffic Control. This self-contained all round set-up facilitates delivery of quality and quantum of pilot aspirants to meet increased demand of Indian Aviation industry.

- **AIRCRAFT FLEET:** The Akademi has a fleet of 15 aircraft at the end of calendar year 2024. The following are the types of aircraft utilized for flying training:

o Eleven DA-40 aircraft. DA-40 aircraft is equipped with contemporary glass cockpit and is a single piston engine aircraft with variable pitch propeller, having fixed undercarriage.

o One Trinidad TB-20 aircraft. TB-20 aircraft is a piston single engine aircraft with variable pitch propeller, retractable undercarriage and is equipped with modern Nav Aids.

o One Zlin Z242L aircraft. It is a piston single engine aircraft with fixed under carriage and is equipped with modern Navigational Aids.

o Two DA 42 aircraft. The final stage of training is carried out in DA 42 aircraft. This is a twin-engine aircraft. The aircraft is equipped with glass cockpit, auto-pilot and retractable undercarriage.

The above aircraft are utilized for imparting flying training to facilitate the trainees to get

Line Oriented Flying Training required for Airlines. The students at IGRUA are graduated with multi-engine endorsement and instrument rating on their Commercial Pilot Licence.

IGRUA is in the process of enhancing its fleet strength by inducting more number of trainer aircraft in order to increase flying hours annually and to produce more CPLs in a year.

7.5 TRAINING PHASES

(a) Ground Training

On arrival at the Akademi, the students undergo Ground Training in the following subjects:

i.	Air Navigation	-	135 Hrs.
ii.	Radio Aids	-	045 Hrs.
iii.	Technical General	-	115 Hrs.
iv.	Air Meteorology	-	085 Hrs.
v.	Air Regulations	-	085 Hrs.

The Ground Training is aimed at making an aspiring pilot competent to attempt the ATPL after the mandatory CPL. it comprises of 465 classroom lectures and consolidation classes in the hangar and Flight Operations Centre wherein the practical aspects of the theoretical classes are made known to them.

This sets the foundation for the Line Oriented Flying Training (LOFT) that follows, thus preparing them to adapt to the dynamic development in the aviation industry.

Audio Visual Aids

The concept of the white board and query system continues to be used to advantage. In order to augment ground training, the Akademi uses audio visual imagery using over-head projection system with animation, where feasible, in order to enhance the comprehensive understanding of each subject. IGRUA has also developed full-fledged online ground classes, duly approved by the DGCA.

(b) Pre-Flying Ground Training (PFGT)

PFGT is carried out by experienced Flying Instructors and Aircraft Maintenance Engineers. Group briefing on important exercises is carried out over and above thorough personal briefing and debriefing prior to and after each flight on the simulator and aircraft.

(c) Simulator Training

Single engine training is carried out on two Diamond DA40 flight simulators having 180 degree field of view. The Akademi also has one single engine TB-20 flight simulators with visual system for initial flying training and instrument rating exercises.

For multiengine training a Diamond DA42 flight simulator with visual system having 180 degree field of view is available.

(d) Simulator/Flying Training Syllabus

For Single Engine aircraft:

i) 20.00 hrs. Simulator training on FNTP.

ii) 185.00 hrs flying on TB-20/DA-40/Zlin aircraft

For Multi-Engine aircraft:

The trainees are graduated with CPL, Instrument Rating along Multi engine rating endorsement on Diamond DA-42 type of aircraft. They fly 15:00 hrs on it. In addition they fly 15:00 hours on DA-42 Simulator.

7.6 CREW RESOUCE MANAGEMENT (CRM) AND MULTI CREW CONVERSION COURSE (MCC)

In addition to imparting Ground, Simulator & Flying training, trainees are put through a capsule course on CRM. They also go through a two-week MCC after completion of their CPL syllabus. This additional training prepares them better for absorption in the airlines.

7.7 MAIN ACHIEVEMENTS

a) **Expansion Activities:** In order to spread its wings, IGRUA ventured into various new

training programs to actively progress its march towards self-sufficiency, such as:-

(i) Conducted English Language Proficiency training and testing for 306 candidates of IGRUA as well as from outside.

(ii) Conducted Remotely Piloted Aircraft System (RPAS) course, commonly termed as "Drone Pilot Training" and "Train the Instructor" course for drone trainers. More than 1600 candidates have been trained under these training programs.

(iii) IGRUA is having 07 Drone training centers established in Manesar, Gurugram (Haryana), Bengaluru (Karnataka), Madurai and Coimbatore (Tamil Nadu), Gwalior and Bhopal (Madhya Pradesh) and Kangra (Himachal Pradesh).

(iv) To ensure continuation of training activities throughout the year for increasing production of IGRUA, the satellite base at Gondia, Maharashtra has been permanently made the second flying base by obtaining required DGCA approvals. All facilities for carrying out inspection and maintenance have been established in the additional base. IGRUA is in the process of identifying more bases in the country to enhance its flying in the winter months preferably in the southern part of India.

(v) IGRUA has been successfully conducting CFI Refresher course for FTOs and AME Refresher Course for AMOs.

(vi) Despite of its remote location and various constraints in the procurement process, IGRUA has successfully achieved more than 70% procurement through the Government e-Marketing portal (GeM).

(vii) Campus Placement: Last campus selection at IGRUA was conducted in January 2024 by M/s Air India Express Limited (AIXL) in which more than 45 IGRUA graduates have been recruited. More such campus placement expected in the future.

b) Important Events:

i) International Yoga Day was observed on 21.06.2024 with participation of cadets and employees.

ii) **Foundation Day:** IGRUA celebrated its "Foundation day" on 07 Nov 2024. Special emphasis was given during the function for using Hindi in our day to day work to promote the official language in the Akademi.

iii) **Swachh Bharat Abhiyaan:** Cleanliness drive carried out throughout the year and during Swachh Bharat Pakhwada from 15th September, 2024 – 2nd October, 2024 in particular, giving special emphasis on plantation of trees in association with State Bank of India, Fursatganj Branch.

iv) **Vigilance Awareness Week:** Reiterating its commitment of zero tolerance towards corruption, Vigilance Awareness Week was observed during the period from 28.10.2024 to 03.11.2024. Workshops to inculcate the significance of fair practices in procurements and administration was conducted during the Vigilance Awareness Week. Various competitions were held among Flying Cadets and School Children from nearby school in 'Slogan Writing" and "Drawing" pertaining to vigilance. IGRUA also organized a Vigilance Awareness Programme in a nearby village Gramsabha.

v) Integrity Pledge was administered to employees and villagers on 28.10.2024.

vi) Constitution Day was observed on 26.11.2024, in which preamble of constitution was read out by cadets and employees.

7.8 TASK ACCOMPLISHMENTS

a) Annual flying output: As a preparedness for a likely boom after the slump in aviation industry due to pandemic and to promote the Atmanirbhar Bharat initiative by the Central Government, IGRUA has made all plausible effort to increase the quantum

of flying vis-à-vis number of graduates to cater for the requirements of aviation industry. During the period i.e. from 01.01.2024 to 31.12.2024, IGRUA has been able to carry out 10640:35 hours of flying despite a reduced fleet strength of 15 and acute shortage of Flying Instructors. A total number of 58 cadets have passed out during the concurrent period.

b) Improved Flight Safety: The accident/incident rate has been Nil the year.

c) Fresh Enrolment for CPL Training: The perception about the job of a pilot is undergoing an evolutionary change, especially among girls and in rural India. Earlier, only a trifling minority from urban India had the aspiration to become pilot, however, the trend is gradually spreading to rural India too and girls in particular. Considering the need of the hour IGRUA has increased its intake to 125.

d) Effective Manpower Management: Manpower at IGRUA has reduced from 296 to 251 over the last 10 years and as compared to last year a reduction of 0.75% in the manpower from 271 to 251. No recruitment was made to replace retired/deceased employees as an austerity measure to reduce the revenue expenditure. However, manpower management has been made effective either by deploying personnel on contract/consultant or by giving additional responsibilities to the existing personnel or through automation.

e) Lower Burden on Subsidy: In order to reduce the burden on subsidy, IGRUA has been setting new targets of flying every year resulting in increased intake of cadets for CPL training thereby generating more revenue. Apart from this, it has expanded its portfolio by training of cadets from Indian Navy & Coast Guards, imparting Drone Training at six centers across the country, conducting Refresher Course and ELP training & testing, with a view to augment its revenue. Simultaneously, the Akademi has been making all efforts

to reduce its expenditure by curbing the non-essential expenses, effective and optimum utilization of its resources in various sections like Mess & Hostel, Motor Transport, General Stores, Electrical, Civil Maintenance etc., reducing the essential statutory expenses by better negotiations.

7.9 SWACHH BHARAT & ENVIRONMENT PROTECTION

a) **Municipal Solid Waste (MSW) Management:**

IGRUA has a well spelt out MSW Management system is in place. Around 500 kgs of bio-degradable kitchen wastes are accumulated every day from residences, mess kitchen and canteens, apart from dry wastes, polythene, plastic bottles, broken glasses, packing material, debris of renovation/construction, dead leaves, hospital wastes, etc. These wastes are segregated at source by keeping two waste bins; one for bio-degradable (wet) wastes and the other for dry wastes, such as, polythene, plastic bottles, packing materials, paper, etc. While bio-degradable wastes are converted into manure through Vermiculture, the dry wastes are disposed of in scientific manner. Use of single-use plastic has been banned in the premises.

b) **Waste Water Disposal:**

IGRUA has proper underground drainage system and modern Sewage Treatment Plant to ensure that the water sources are not polluted in any manner.

c) **Solar Water Heaters:**

Proposal for installation of Roof Top Solar panels for generation of solar electricity for residential as well as official purpose of IGRUA is being taken up.

7.10 POLLUTION CONTROL

IGRUA does not carry out any manufacturing/production resulting emission of smoke, residue, industrial wastes, etc. causing air, water,

soil, light or sound pollution. However, all possible initiatives have been taken to control pollution by maintaining the vehicle engines to emit smoke within the prescribed limits, disposal of solid waste by Incineration, Landfills, Composting, etc. Forestation is actively pursued to maintain a green environment in the Akademi.

7.11 CITIZEN CHARTER

Citizen Charter of IGRUA has been prepared and uploaded on our web site. A Citizen can visit the website of IGRUA at www.igrua.gov.in. Citizens can make request to our Chief Public Information Officer (CPIO) Mr. Shiv Kumar and First Appellate Authority (Director IGRUA) for any information under RTI Act, 2005.

7.12 WOMEN'S WELFARE

IGRUA has eighteen women employees (1 Regular + 17 Contractual) and their welfare is being looked after through normal administrative channels. An Internal Complaints Committee (ICC) is in place to deal with complaints regarding sexual harassment at work place.

7.13 STEPS TAKEN TO IMPROVE PUBLIC GRIEVENCE REDRESSEL MACHINERY

The nature of operation of the Akademi is such that it hardly involves any public dealing. However, Manager HR is assigned the task of dealing with public grievance. Any such grievances are redressed/disposed of within the framework of rules.

7.14 VIGILANCE

The Chief Vigilance Officer, Airports Authority of India is looking after the Vigilance functions in IGRUA. Efforts have been taken to enhance the awareness level amongst the employees to not to indulge in any sort of corrupt practices in duty and in public life.

7.15 IMPLEMENTATION OF OFFICIAL LANGUAGE

The Akademi continues to take necessary steps for ensuring the implementation of all provisions of the Official Language Act & Rules. Employees are being trained in Hindi, Devnagri Typing etc. Incentives are given to employees for promoting and effectively using Hindi in official work. Provision is made in office Computers to have a system of using Hindi in all official communication with convenience.

7.16 SPORTS FACILITIES

IGRUA has indoor and outdoor sports facilities for games like squash, badminton, basketball, volleyball, football, table tennis, pool table and a well-equipped gym with multi-gym equipments. Apart from this the campus has a swimming pool facilitating the trainees and employees to stay fit. Sports events are conducted for the cadets from time to time.

7.17 CULTURAL ACTIVITES

IGRUA has been actively utilizing its Air-conditioned Auditorium for various cultural programmes and functions to encourage the flying cadets to excel in extra-curricular activities. IGRUA holds "Full Throttle" cultural event every year along with Foundation day celebrations.

7.18 IMPLEMENTATION OF PERSONS WITH DISABILITY ACT, 1995

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities has been implemented and due consideration is being given to disabled persons, wherever possible.

7.19 ISSUE RELATED TO DEVELOPMENT ACTIVITIES TAKEN IN NORTH EAST

IGRUA is an Autonomous Body having its Headquarter at Fursatganj, Amethi (Distt.), Uttar Pradesh, only and hence there is no such issue.

7.20 REPRESENTATION OF SCs/STs/OBCs

There has been no recruitment of regular staff since 1996. The details of representation of SC/ST/OBC as on 31/12/2024 is given in the chart below:

Name of Organisation	Total No. of Emp.	Total No. of SC Emp.	%	Total No. of ST Emp.	%	Total No. of OBC Emp.	%
I.G.R.U.A.	65	18	27.69	01	1.54	27	41.54

7.21 WELFARE OF SENIOR CITIZEN

In accordance with the guidelines issued by Ministry of Social Justice & Empowerment, as envisaged in the National Policy on Older Persons, instructions have been issued to all concerned to ensure prompt, fair and humane treatment for older persons.

7.22 FEE STRUCTURE

Training Fee for Ab-initio to CPL Course with Multi Engine endorsement is Rs.45.00 lacs and Boarding & Lodging charges (approximately Rs.15,000/- P.M.).

7.23 FUTURE PLANS

i) **CPL:** Increase of student intake to 150 per year upon enhancement of fleet strength.

ii) **AME School:** Increase in intake of students in the AME School by extending its scope of approval and introduction of B.Sc. (AME).

iii) **RCS-UDAN:** Fursatganj airport owned by IGRUA is being developed for commercial airline operations under the RCS – UDAN Scheme.

8. AIRPORTS ECONOMIC REGULATORY AUTHORITY OF INDIA

8.1 INTRODUCTION

Consequent to the recommendations of The Naresh Chandra Committee report, Govt. of India established Airports Economic Regulatory Authority (AERA). It is a statutory body constituted under the Airports Economic Regulatory Authority of India Act, 2008. The AERA was established by the Government vide its notification No GSR 317 (E) dated 12.05.2009 with its Head Office at New Delhi.

8.2 ORGANISATIONAL STRUCTURE

Organisation structure of the Authority is given below: -

ORGANIZATION STRUCTURE OF AERA
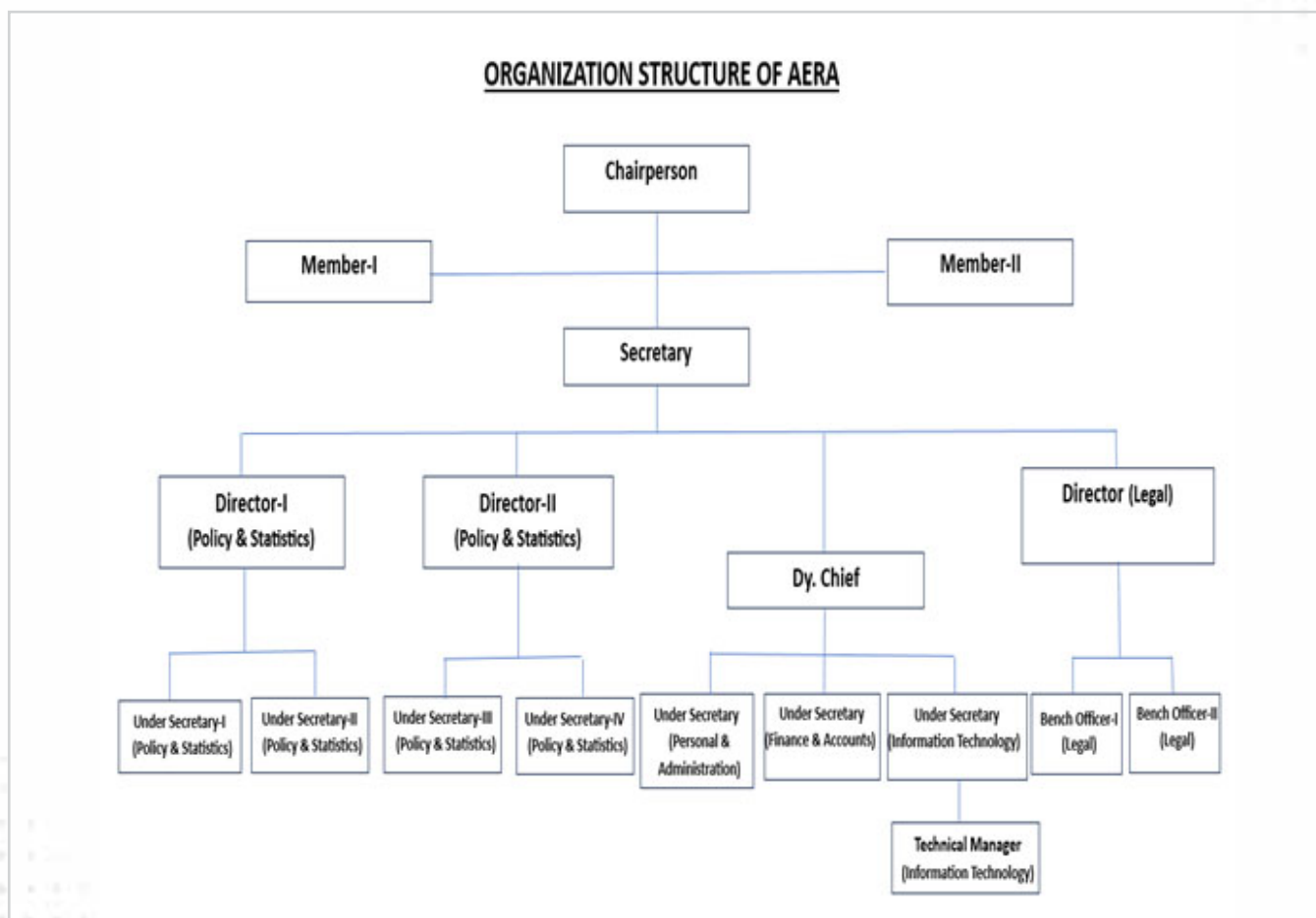
AERA's staff comprises of people with experience in the aviation sector, finance sector etc. on deputation from various Central, State Services & departments/ organizations.

8.3 SCOPE OF THE REGULATION

The Airports Economic Regulatory Authority of India (AERA) was established in 2009 under the Airports Economic Regulatory Authority of India Act, 2008 to regulate tariff and other charges for the aeronautical services rendered and to monitor performance standards at major airports. The Authority finalized its regulatory philosophy and guidelines in 2010-11 for determining the Aeronautical tariff of Airport Operators and Independent Service Providers of

Cargo Facility, Ground Handling and supplying Fuel to Aircraft.

The main functions of the Authority are as under:

- To determine the tariff for the aeronautical services
- To determine the amount of Development Fees in respect of major airports
- To determine the amount of PSF levied under rule 88 of the Aircraft Rules, 1937 made under the Aircraft Act, 1934 (22 of 1934)
- To monitor the set performance standards relating to quality, continuity and reliability of service as may be specified by Central Government or any Authority authorized by it in this behalf.

During the FY 2021-22, vide, the Airports Economic Regulatory Authority of India (Amendment) Act, 2021, scope of major airport has been expanded, which is extracted below:

"1.(1) This Act may be called the Airports Economic Regulatory of India (Amendment) Act, 2021.

(2) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

2. In Section 2 of the Airports Economic Regulatory Authority of India Act, 2008, in clause (i), after the words, "any other airport", the words "or a group of airports" shall be inserted."

As on 31.12.2024, 33 airports fall under the ambit of 'Major Airport' as per the relevant provisions of AERA Act 2008 (read with subsequent amendments of 2019 and 2021) and as notified by Ministry of Civil Aviation. List of the same is given hereunder:

1. Indira Gandhi International Airport, Delhi
2. Chhatrapati Shivaji Maharaj International Airport, Mumbai
3. Kempegowda International Airport, Bengaluru
4. Rajiv Gandhi international Airport, Hyderabad
5. Cochin International Airport, Kochi
6. Chandigarh International Airport, Chandigarh
7. Chennai International Airport, Chennai
8. Netaji Subhas Chandra Bose International Airport, Kolkata
9. Sardar Vallabhbhai Patel International Airport, Ahmedabad
10. Trivandrum International Airport, Thiruvananthapuram
11. Chaudhary Charan Singh International Airport, Lucknow
12. Jaipur International Airport, Jaipur
13. Lokpriya Gopinath Bordoloi International Airport, Guwahati
14. Calicut International Airport, Kozhikode
15. Goa International Airport, Goa
16. Pune International Airport, Pune
17. Jay Prakash Narayan International Airport, Patna
18. Guru Ram Dass Jee International Airport, Amritsar
19. Lal Bahadur Shastri International Airport, Varanasi
20. Biju Patnaik International Airport, Bhubaneswar
21. Swami Vivekananda Airport, Raipur
22. Tiruchirappalli International Airport, Tiruchirappalli
23. Mangalore International Airport, Mangaluru
24. Kannur International Airport Limited, Kannur
25. Sheikh Ul Alam International Airport, Srinagar
26. Shirdi International Airport, Shirdi
27. Goa International Airport, MoPA, Goa
28. Devi Ahilya Bai Holkar Airport, Indore
29. Coimbatore International Airport, Coimbatore
30. Noida International Airport, Jewar
31. Veer Savarkar International Airport, Port Blair
32. Navi Mumbai International Airport, Navi Mumbai
33. Jolly Grant Airport, Dehradun

8.4 KEY HIGHLIGHTS

During 1st January, 2024 to 31st December, 2024, AERA has issued the following Orders as part of its tariff determination exercise for the major airports: -

Sl. No.	Order Number	Subject	Date of Issue
Airport Tariff Orders			
1.	Order No. 35/2023-24	Determination of Aeronautical Tariff for Bhubaneswar International Airport (BBI) for the Second Control Period (01.04.2023 - 31.03.2028).	22.02.2024
2.	Order No. 36/2023-24	Determination of Aeronautical Tariff for Kannur International Airport, Kannur (CNN) for the Second Control Period (01.04.2023 - 31.03.2028).	28.02.2024
3.	Order No. 38/2023-24	Determination of Aeronautical Tariff for Jay Prakash Narayan International Airport, Patna (PAT) for the Second Control Period (01.04.2023 - 31.03.2028).	07.03.2024
4.	Order No. 02/2024-25	Determination of Aeronautical Tariff for Thiruvananthapuram International Airport, Thiruvananthapuram (TRV) for the Third Control Period (01st April, 2022 to 31st March, 2027).	21.06.2024
5.	Order No. 03/2024-25	Determination of Aeronautical Tariff for Jaipur International Airport, Jaipur (JAI) for the Third Control Period (01.04.2022 to 31.03.2027).	12.07.2024
6.	Order No. 06/2024-25	Determination of Aeronautical Tariff for Shirdi International Airport, Shirdi (SAG) for the First Control Period (01st April, 2022 to 31st March, 2027).	27.08.2024
7.	Order No. 07/2024-25	Determination of Aeronautical Tariffs for Lokpriya Gopinath Bordoloi International Airport, Guwahati (GAU) for the Third Control Period (01.04.2022 - 31.03.2027).	06.09.2024
8.	Order No. 08/2024-25	Determination of Aeronautical Tariff for Coimbatore International Airport, Coimbatore (CJB) for the Second Control Period (01.04.2023 - 31.03.2028).	09.09.2024
9.	Order No. 13/2024-25	Determination of Aeronautical Tariff for Indore International Airport, Indore (IDR) for the Second Control Period (01.04.2023 - 31.03.2028).	08.11.2024
Ground Handling Service Orders			
10.	Order N0. 31/2023-24	Determination of Tariff for Ground Handling Services in respect of M/s IndoThai Pune Private Limited (IPPL) at Pune International Airport, Pune for the First Control Period (FY 2023-24 to FY 2027-28).	05.01.2024
11.	Order No. 32/2023-24	Determination of Tariff for the Ground Handling Services for M/s IndoThai Varanasi Private Limited (IVPL) at Lal Bahadur Shastri International Airport, Varanasi for the First Control Period (FY 2023-24 to FY 2027-28).	08.01.2024

Sl. No.	Order Number	Subject	Date of Issue
12.	Order No. 33/2023-24	Determination of Tariff for the Ground Handling Services for M/s IndoThai Calicut Private Limited (ICPL) at Calicut International Airport, Kozhikode for the First Control Period (FY 2023-24 to FY 2027-28).	25.01.2024
13.	Order No. 34/2023-24	Determination of Tariff In respect of Ground Handling Services for M/s IndoThai Bhubaneswar Private Limited (ITBPL) at Biju Patnaik International Airport, Bhubaneswar for the First Control Period (FY 2023-24 to FY 2027-28).	25.01.2024
14.	Order No. 39/2023-24	Determination of Tariff in respect of the Ground Handling Services for M/s IndoThai Kolkata Private Limited (IKPL) at Netaji Subhash Chandra Bose International Airport, Kolkata for the First Control Period (FY 2023-24 to FY 2027-28).	07.03.2024
Interim Arrangement for extension of validity of Tariffs			
15.	Order No. 37/2023-24	Determination of Ad-hoc Tariff for Ground Handling Services in respect of M/s AI Airport Services Limited (AIASL) at Srinagar, Coimbatore, Tiruchirappalli/ Trichy, Indore, Raipur, Kannur, Mopa Goa Airport w.e.f. 05.03.2024 up to 30.09.2024.	01.03.2024
16.	Order No. 40/2023-24	Interim arrangement to levy the existing tariffs to continue till 30.09.2024.	15.03.2024
17.	Order No. 41/2023-24	Interim arrangement to levy the existing tariffs in respect of Cargo Facility, Ground Handling and Supply of fuel to the Aircraft provided by the Independent Service Providers/Airport Operators for further period up to 30.09.2024.	15.03.2024
18.	Order No. 01/2024-25	Determination of Ad-hoc Tariff for Cargo Handling Services for M/s AI Airport Services Limited (AIASL) at Chennai International Airport w.e.f. 10.06.2024 up to 31.03.2025.	05.06.2024
19.	Order No. 04/2024-25	Extension of Prevailing tariff (as on 30.10.2024) for M/s Indian Oil Skytanking Private Limited (IOSPL) providing Into Plane Services at CSMIA, Mumbai for the remaining period of Third Control Period i.e. 31.10.2024 to 31.03.2026.	14.08.2024
20.	Order No. 05/2024-25	Determination for Ad-hoc tariff for handling Express Courier Cargo to Air India SATS Airports Services Private Limited at Kempegowda International Airport, Bengaluru.	19.08.2024
21.	Order No. 09/2024-25	Interim arrangement to levy the existing tariffs to continue till 31.03.2025.	24.09.2024
22.	Order No. 10/2024-25	Interim arrangement to levy the existing tariffs in respect of Cargo Facility, Ground Handling and Supply of fuel to the Aircraft provided by the Independent Service Providers for further period up to 31.03.2025.	26.09.2024
23.	Order No. 11/2024-25	Determination of Ad-hoc tariff in respect of Center for Perishable and General Cargo (CPC) for GSEC Limited at Sardar Vallabhbhai Patel International Airport (SVPIA), Ahmedabad.	30.09.2024
24.	Order No. 14/2024-25	Determination of Ad-hoc Tariff for Cargo Handling Services provided by M/s AAICLAS at three Major Airports namely Indore, Coimbatore and Port Blair.	22.11.2024

Sl. No.	Order Number	Subject	Date of Issue
Other Order			
25.	Order No. 12/2024-25	Declaration of Jolly Grant Airport, Dehradun (DED) as a 'major' airport' under section 2(i) of Airports Economic Regulatory Authority of India Act, 2008 (AERA Act, 2008)	25.10.2024

8.5 OFFICIAL LANGUAGE POLICY

All out efforts were made for Implementation of the Official Language Policy of the Government in AERA. In order to encourage staff for doing official work in Hindi, various Competitions, Lectures and Talks on different topics like motivation, employee's well-being etc. were organised in the office.

Hindi fortnight was organised from 14- 30 September, 2024 during which various Hindi competitions were organised. About 137 Officials participated with zeal and winners were awarded with a cash prize and merit certificate. Durring this period, Hindi section conducted inspection of three sections of the Authority regarding the work of Official Language, Review of AERA website was also done to check updation of Hindi material on the website.

Nine (09) Officials from the Authority participated in all India level Hindi conference organised from 14-15 September, 2024 by the Department of Official Language in Bharat Mandapam, New Delhi. Seven (07) Hindi Workshops for Officers/ Employees were organized from 01.01.2024 to 31.12.2024 in which a total 276 Officers/ Employees participated.

Quarterly Meetings of the official language implementation committee chaired by the Chairperson AERA were held regularly. The officials were also advised to read Hindi books available in the library of AERA and give their comments, views or reviews of the above books. In November, 2024 five personnel had read Hindi books and given their comments. Good reviews/comments were awarded cash prizes of total Rupes 6000/- in the third meeting of the above committee.

Hindi Incentive scheme of Government of India has been implemented in the Authority to motivate the officials for doing their maximum work in Hindi. Cash Prize amounting to a total ⏎ 37,000/- and citation certificates were awarded to Eleven (11) officials who emerged as winners in this scheme during the year.

The Ministry of Civil Aviation had also conducted inspection of AERA on 06th June, 2024 regarding the implementation of Official Language Policy and have appreciated AERA for the work done in this regard.

8.6 FINANCIAL PERFORMANCE

In terms of Section 34 of the AERA Act, funds are received as Grants-in-Aid from the Central Government. In BE 2024-25, Rs. 17.45 Crore was allocated (6.24 Crores under Salary head, Rs. 11.21 Crores under General Head). The details of funds release and spent up to 31.12.2024 are as under: -

(Rs. in lakhs)

Sl. No	Head	Un-utilized amount of 2023-24	BE 24-25	Income received from other sources	Fund released upto 31/12/2023 by MoCA	Total Fund	Amount Spent by Authority upto 31/12/2024	Balance GIA to be released by MoCA
I	II	III	IV	V	VI	VII	VIII	IX
1	Salary	103.64	624.00	#	624.00	727.64	594.48	-
2	General	83.05	1121.00	#	1121.00	1204.05	716.07	-

Note:- # Interest earned on bank balance = Rs. 15,07,344/-

8.7 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

AERA has 28 Women employees comprising of officers/staff on deputation from Central Government & other organizations and support staff working on outsourced basis. Adequate women welfare measures like provision of transport/ vehicle for pick up/ drop at home in case of medical emergency or early arrival/ late departure from office due to official exigencies of work; organization of talk/ on specific women health issues by Gynecologist; dedicated female housekeeping staff for female washrooms etc. have been made available in the office premises.

8.8 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MACHINERY

AERA is registered on the Public Grievance Portal of DoP&T with separate user credentials. Grievances are checked on a regular basis and whenever a Public Grievance is received, the reply of the same is provided within the stipulated time frame. Further, Deputy Chief (Level of Deputy Secretary) is appointed as Nodal Officer for Public Grievance in AERA. There are no grievances pending as on December 31, 2024.

8.9 POLLUTION CONTROL

The Authority encourages and accordingly incentivises the airports during the tariff determination process for environment friendly measures undertaken by them. These broadly include use of solar/ renewable energy, rain water harvesting, recycling of water through treatment plant etc.

8.10 SC/ST AND OBC REPRESENTATION AS ON 31.12.2024

Officers and officials in AERA are appointed on deputation basis only. Hence, reservation policy is not applicable on appointments in AERA. However, officials belonging to SC/ST and OBC categories working in AERA are as follows:

Category	No. of officials working	Designation	Mode of recruitment
SC	04	Assistant – 03, Steno - 01	On Deputation
ST	01	Director (P&S) - 01	
OBC	07	Dy. Chief - 01, Under Secretary – 01, Assistant - 04, Steno - 01	

8.11 ISSUES RELATING TO DEVELOPMENTAL ACTIVITIES TAKEN IN NORTH-EAST

AERA being a Statutory Body under the Ministry of Civil Aviation is assigned with the responsibility of Tariff determination in respect of Major Airports in India and is not mandated to carry out any development related activities in North-East.

8.12 WELFARE OF SENIOR CITIZENS

AERA being a Statutory Body under the Ministry of Civil Aviation is assigned with the responsibility of Tariff determination in respect of Major Airports in India and is not mandated to carry out any welfare schemes for Senior Citizens.

8.13 FACILITIES TO PERSONS WITH DISABILITIES

As on December 31, 2024, no person with disabilities is employed in AERA. However, office of the Authority is enabled to facilitate people with disabilities as per government guidelines including the AERA website www.aera.gov.in, which is disabled friendly.

8.14 Details concerning activities and achievements of Vigilance Department

No Vigilance case has been initiated or is pending against any AERA employee during the period of the Report.

8.15 Activities conducted during the year 2024

During the year 2024 following major activities were carried out:

S. No.	Name of activity (1st Jan-24 to 31st Dec-24)	Activity conducted	Date
1.	Stakeholders' Consultation meeting for Bhubaneswar International Airport	In the matter of determination of Aeronautical Tariff for Bhubaneswar International Airport (BBI) for the Second Control Period (01.04.2023-31.03.2028).	16.01.2024
2.	Stakeholders' Consultation meeting for Jay Prakash Narayan International Airport, Patna	In the matter of determination of Aeronautical Tariff for Jay Prakash Narayan International Airport, Patna (PAT) for the Second Control Period (01.04.2023-31.03.2028).	23.01.2024
3.	14th National Voters' Day (NVD)	Pledge taking ceremony was scheduled on 25th January 2024 at 16:00 PM.	25.01.2024
4.	Stakeholders' Consultation meeting for Thiruvananthapuram International Airport, Thiruvananthapuram	In the matter of determination of Aeronautical Tariff for Thiruvananthapuram International Airport, Thiruvananthapuram (TRV) for the Third Control Period (01.04.2022-31.03.2027).	26.02.2024
5.	International Women's Day 2024	International Women's Day program was organized by AERA on 07.03.2024. Gifts Distribution to all Female staff	07.03.2024
6.	Stakeholders' Consultation for Jaipur International Airport, Jaipur	In the matter of determination of Aeronautical Tariff for Jaipur International Airport, Jaipur (JAI) for the Third Control Period (01.04.2022-31.03.2027).	26.03.2024
7.	10th International Yoga Day (IYD), 2024	International Yoga Day program was organized by AERA on 21.06.2024 in Flying Club	21.06.2024
8.	Stakeholders' Consultation for Lokpriya Gopinath Bordoloi International Airport, Guwahati	In the matter of determination of Aeronautical Tariff for Lokpriya Gopinath Bordoloi International Airport, Guwahati (LGBIA) for the Third Control Period (01.04.2022-31.03.2027).	21.06.204
9.	Stakeholders' Consultation for Shirdi International Airport, Shirdi	In the matter of determination of Aeronautical Tariff for Shirdi International Airport, Shirdi for the First Control Period (01.04.2022-31.03.2027).	05.07.2024

S. No.	Name of activity (1st Jan-24 to 31st Dec-24)	Activity conducted	Date
10.	Stakeholders' Consultation for Coimbatore International Airport, Coimbatore	In the matter of determination of Aeronautical Tariff for Coimbatore International Airport, Coimbatore (CJB) for the Second Control Period (01.04.2023-31.03.2028).	06.08.2024
11.	RAJBHASHA PLEDGE	Pledge taking ceremony was scheduled on 14th September, 2024	14.09.2024
12.	Stakeholders' Consultation for Indore International Airport, Indore	In the matter of determination of Aeronautical Tariff for Indore International Airport, Indore (IDR) for the Second Control Period (01.04.2023-31.03.2028).	20.09.2024
13.	Indian Constitutions	Workshop on Indian Constitution by Shri Vishwajeet Benarji and Speech competition on "Indian Constitution and Its practicality"	26.11.2024 & 27.11.2024
14.	The Sexual Harassment of women at workplace (prevention, prohibition & redressal) Act, 2013	Workshop on prevention of Sexual Harassment at work place Act, 2013	17.12.2024
15.	Stakeholders' Consultation for Lal Bahadur Shastri International Airport, Varanasi	In the matter of determination of Aeronautical Tariff for Lal Bahadur Shastri International Airport, Varanasi (VNS) for the Second Control Period (01.04.2024-31.03.2029).	11.11.2024

9. AIRPORTS AUTHORITY OF INDIA

9.1 INTRODUCTION

Airports Authority of India (AAI) came into existence on 1st April 1995. AAI has been constituted as a statutory authority under the Airports Authority of India Act, 1994. It has been created by merging the erstwhile International Airports Authority and National Airports Authority with a view to accelerate the integrated development, expansion and modernization of the air traffic services, passenger terminals, operational areas and cargo facilities at the airports in the country.

9.2 MAIN FUNCTIONS OF AAI

As an Airport Developer

• Design, Develop, Operate and Maintain international and domestic airports and civil enclaves in India.

• Expand and strengthen the operational area, viz. Runways, Aprons, Taxiways etc.

• Construct, Modify and Manage the passenger terminals and other airport facilities.

• Develop and manage the cargo terminals (through its subsidiary - AAICLAS)

• Ensure provision of passenger facilities and information system.

As an Air Navigation Service Provider

• Control and manage the Indian airspace extending beyond the territorial limits of the country, as accepted by ICAO

• Ensure the safety and efficiency of flights.

• Make provision for cutting edge technology for Communication Navigation and Surveillance of the Indian airspace.

9.3 FINANCIAL PERFORMANCE FOR F.Y. 2024-25 (Projections)

Estimated Financial Highlights

(Rs. In Crores)

Particulars	Amount
Revenue	19225.62
Expenditure	11918.13
Profit Before Tax	7307.49
Profit After Tax	5468.34
Dividend	1640.50

Revenue Highlights (Projections)

(Rs. In Crores)

Particulars	Amount
Particulars	Amount
Air Navigational Services	4551.02
Aeronautical Airport Services	5069.46
Non- Aeronautical Airport Services	1966.99
Airport Lease Revenue	6735.15
Other Income	903.00
Total Revenue	19225.62

Expenditure Highlights (Projections)

(Rs. In Crores)

Particulars	Amount
Employee Benefit Expenses	5100.01
Operating Expenses	2991.20
Administrative & Other Expenses	920.74
Financing Charges	187.00
Depreciation	2719.18
Security Expenses	-
Total Expenditure	11918.13

Contribution to Exchequer for the FY 2024-25 (Projections)

(Rs. In Crores)

Dividend	Guarantee Fee	Income Tax	GST	Total
1640.50	3.22	1839.15	2334.04	5816.91

Note: The Dividend for the FY 2024-25 has been worked out based on DIPAM Guidelines @ 30% of Projected Profit after Tax.

Revenue (Rs. in Crores)

Airport Services Revenue (Rs. in Crores)

Expenditure (Rs. in Crores)
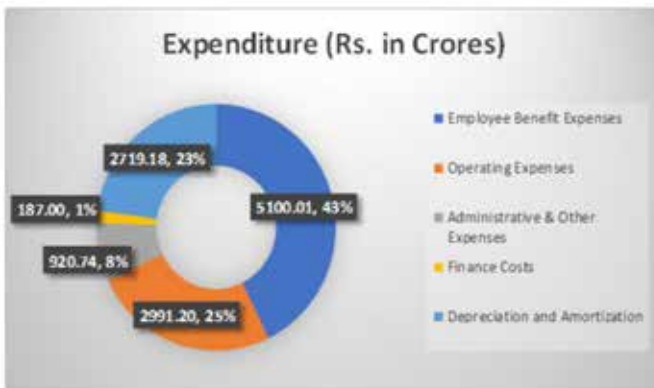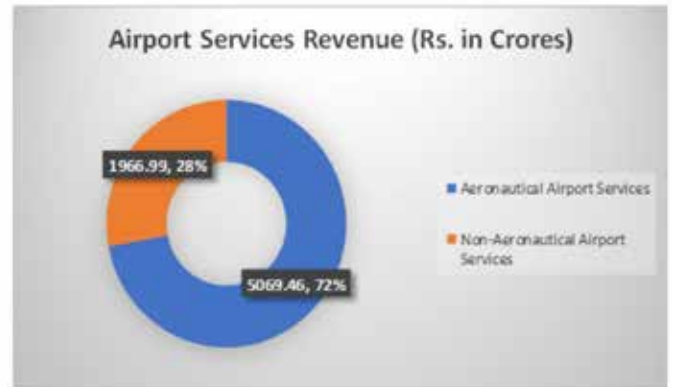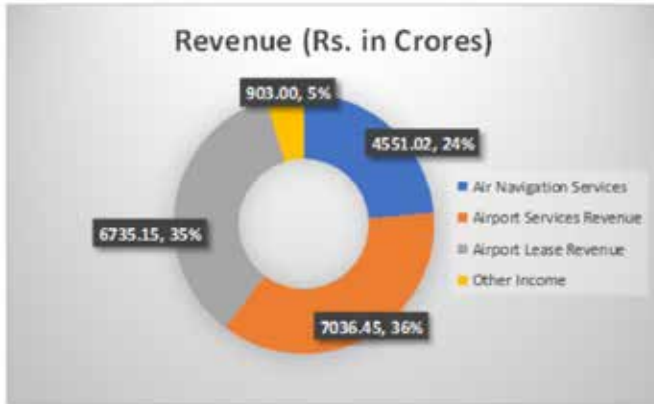
Capital Expenditure (Capex) incurred by AAI

The Capex incurred from 01st January 2024 to 31 March 2025 in respect to Airports Authority of India is tabulated below :-

(Rs. In Crores)

Period	CAPEX Incurred
Jan'24 to Mar'24	1918.94
Apr'24 to March 25 (Proj.)	4500.00
Total	**6418.94**

9.4 TRAFFIC HANDLED (2024 VS. 2023)

In 2024 i.e. post covid era, the air traffic on all three fronts at Indian airports has improved significantly as compared to 2023. All Indian airports taken together are expected to handle 401 million passengers during 2024 as against 370 million in 2023 registering an increase of 8%. Total aircraft movement and freight movement have increased by 6% and 15% respectively during the year 2024 over 2023.

Details of traffic handled during 2024 and comparison with 2023 are given below:

Particulars	2024	2023	%age change
International	454.59	411.63	10.44%
Domestic	2360.96	2244.8	5.17%
TOTAL	**2815.55**	**2656.43**	**5.99%**
Passengers (in Million)			
International	75.46	66.93	12.74%
Domestic	325.49	302.92	7.45%
TOTAL	400.95	369.85	8.41%
Freight (in '000 MT)			
International	2313.93	1931.05	19.83%
Domestic	1377.43	1290.18	6.76%
TOTAL	**3691.36**	**3221.23**	**14.59%**

Note: December, 2024 traffic is provisional.

9.5 ACI-ASQ AWARDS 2023

Airport Service Quality (ASQ) survey is the world-renowned and Internationally established global benchmarking programme measuring passengers' satisfaction conducted by the Airports Council International (ACI).

ASQ Survey measures passengers' satisfaction across 32 key performance indicators which includes 8 major categories such as arrival at the airport, check-in, security screening, border/passport control, shopping/dining, gate areas, throughout the airport and airport atmosphere. ASQ Awards recognize those airports around the world that deliver the best customer experience in the opinion of their own passengers.

In the year 2023, ACI-ASQ survey was carried out at around 338 airports across North America, Latin America and Caribbean, Europe, Africa, Middle East and Asia Pacific. In 2023, 28 Indian airports participated in ASQ survey out of which 15 were AAI airports.

Chandigarh airport was awarded for the Best Airport in the category by Size and Region (2-5 million passengers per year in Asia- Pacific).

9.6 INITIATIVES BY AAI FOR ENVIRONMENT SUSTAINABILITY

AAI is continuously moving forward on the mission of green airports with commitment to meet the renewable energy & emission targets in line with "Panchamrit Mantra" declared by Hon'ble Prime Minister in CoP26 at Glasgow and to ensure cleaner, greener & healthier environment for generations to come.

To accomplish the task, AAI has formulated an "Environment Policy" with aim to achieve the goal of carbon neutrality and net-zero emissions by implementation of suitable measures including but not limited to:

- Optimizing energy consumption by enacting energy efficiency and conservation measures including maximizing the usage of affordable green and renewable energy resources.
- Reducing the fossil fuel consumption by promoting and adopting alternative greener fuels and ensuring judicious and deliberate use of natural resources.
- Integrating green building design concepts and optimum usage of eco-friendly and biodegradable products without compromising structural integrity requirements and safety standards.
- Integrating sustainable transportation technologies and strategies with use of electric vehicles.
- Implementing sustainable waste-management practices and appropriate disposal.
- Conserving natural resources by inculcating the culture of refuse, reduce, reuse, repurpose and recycle.
- Implementing water conservation through rain water harvesting, waste water reclamation and other emerging practices to reduce wastage.
- Documenting and quantifying GHG resources and mitigating carbon footprint by adopting best and technologically advanced procedures and implementing best industry practices in vogue.
- Monitoring air-quality and implementing best practices in vogue to improve indoor air quality at airport terminals.
- Implementing/Adopting best Air Traffic Management facilities, practices and procedures.
- Fulfilling all applicable environmental compliance obligations.

AAI is responsibly engaged in switching over operations at its airports on renewable energy to reduce carbon emissions at airports.

AAI is also endeavouring to inculcate best technology practices for improving energy efficiency and reducing carbon footprint to combat climate change in a cost-effective manner.

All upcoming projects are planned and designed for achieving GRIHA 5 Star Rating by employing industry best practices and selection of ECBC compliant electrical equipment.

To improve operational efficiency, measures such as Flexible Use of Airspace (FUA),

Airport Collaborative Decision Making (A-CDM), Central Air Traffic Flow Management (C-ATFM), Departure Slot Management (DSM), Performance Based Navigation (PBN) and Continuous Descent Operations (CDOs) are under various stages of implementation.

AAI has achieved the following milestones during the year:

- AAI switched over operations at 12 airports on 100% green energy during January-December 2024 and as on 31.12.2024, a total of 74 airports were being catered by 100% green / renewable energy (RE). This has been achieved by using energy generated by on-site solar plants, procurement of RE through open access and procurement under green energy tariff in accordance with prevalent CERC/SERC regulations. AAI has planned to switch over operations at 100 of its airports on 100% RE in a phased manner to reduce carbon emissions at airports.

- During January-December 2024, solar power plants with cumulative capacity of around 1 MW were installed across various AAI airports and as of 31.12.2024, AAI achieved cumulative installed solar plant capacity of 57.4 MW at 63 airports.

With implementation of Flexible Use of Airspace (FUA), cumulative reduction in carbon emission of approx. 1,95,574 tCO2 in addition to cumulative saving of approx. INR 895 crore on ATF expenses has been achieved till 31 December 2024 since its implementation in August 2020. Further, about 132 CDRs (Conditional Routes) have been promulgated since implementation of FUA in consultation & coordination with IAF, MoD.

9.7 WOMEN WELFARE

With an objective to encourage wider women participation in recruitment activities, AAI does not charge any registration fee from women candidates in all its recruitment activities. In a continuous effort to provide more supportive environment to women employees, AAI's management took a decision to extend the benefits of maternity leave to its women employees in case of surrogacy with IVF.

Keeping in view of safety and security of women employees in AAI, provision of Hostel Accommodation to single female employees has been introduced.

9.8 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESS MACHINERY

The Grievance Redressal Mechanism in Airports Authority of India (AAI) addresses complaints and issues from the public promptly and transparently, ensuring accountability and enhancing the quality of governance. Strengthening these mechanisms can help in swiftly resolving complaints, reducing bureaucratic inefficiencies, and improving public services.

Grievances offer AAI an opportunity to correct immediate problems. They also provide constructive ideas for improving services, adapting global practices, upgrading services etc. Strengthening Public Grievance Redressal Mechanisms in AAI not only helps in the timely resolution of passenger complaints but also builds a stronger, more resilient relationship with our passengers and other stakeholders.

Strategies for Strengthening Public Grievance Redressal Mechanisms in Airports Authority of India (AAI)

a. **Enhanced Digital Platforms:** AAI is employing user-friendly, centralized digital platforms accessible by all passengers & users, to streamline complaint registration and tracking.

b. **Increased Awareness and Outreach:** All AAI Airports are displaying the various channels for reporting passenger grievance on digital displays, Flight Information Display System monitors and through banners and standees throughout the Airport. In addition, the AAI Social Media accounts on X (formerly Twitter), Instagram and Facebook also inform passengers about the process for Grievance Redressal.

c. **Capacity Building for Officials:** Training of AAI officials in grievance management and empathy-based communication is done regularly which leads to more responsive redressal.

d. **Inter-Agency Coordination:** Efforts are made to ensure the strengthening of coordination between AAI and other agencies to ensure that complaints involving multiple departments are handled efficiently.

e. **Monitoring and Feedback:** AAI has a robust system for grievances monitoring and periodic assessments including those conducted by Ministry of Civil Aviation (MoCA), ensures continuous improvement in the grievance redressal process.

f. **Timeline-Based Redressal:** Mandatory timelines for different categories of complaints are adhered thereby avoiding unnecessary delays and improve response time. However, in certain cases, which take longer time for redressal as it involves multiple agencies, e.g. Pension cases, efforts are made to resolve the grievance within the shortest possible time.

9.9 SC/ST AND OBC REPRESENTATION AS ON 31.12.2024

The details of the staff strength in AAI as on 31.12.2024 is as under:

Category	Total No. of Employees	SCs	STs	OBCs	Divyangjan	Percentage compared with total No. of Employees			
Group A	6647	1118	467	1772	63	16.82	7.03	26.66	0.95
Group B	5945	1016	452	1890	88	17.09	7.60	31.79	1.48
Group C	1761	309	242	646	41	17.55	13.74	36.68	2.33
Group D	1658	686	108	241	49	41.38	6.51	14.54	2.96

9.10 ENGINEERING WORKS

Details of the Engineering works undertaken by AAI during the Calendar Year 2024 viz. (a) Foundation Stone / Inauguration of buildings or facilities; (b) Capital Schemes completed; (c) Capital Schemes under progress; and (d) Projects under Planning, are provided in Annexure 1.

9.11 CNS - O&M

Directorate of CNS-OM in Airports Authority of India, is responsible for Operation and Maintenance of Communication, Navigation, Surveillance, ATM Automation Systems and ancillary systems for providing Air Navigation services over continental and oceanic airspace. The objective is to have high availability of CNS/ATM facilities for operational use for safe, secure and cost-effective air navigation services.

The major achievements of the different sections/units under CNS-OM Dte. from 01st January 2024 to 31st December 2024 are detailed below: -

A. Performance of Nav-Aids Section:

• In the calendar year 2024 (1st January, 2024 to 31st December, 2024), various Navigation (Nav-Aids) facilities either as new/replacement/trans-installation, have been commissioned which include the following:

• Thirteen (13) nos. of Instrument Landing System (ILS):

(five (05) nos. as 'New' and eight (08) nos. as 'Replacement'),

• Seventeen (17) nos. of Doppler Very High Frequency Omni Directional Range (DVOR):

[three (03) nos. as 'New' and fourteen (14) nos. as 'Replacement'),

• Thirty (30) nos. of Distance Measuring Equipment (DME) comprising sixteen (16) nos. of Low Power (LP) DME and fourteen (14) nos. of High Power (HP) DME:

(Seven (07) nos. as 'New' & twenty-two (22) nos. as 'Replacement and 01 as 'Trans-installation')

• One (01) Non-Directional Beacon (NDB): (01) as 'Trans-installation').

• In the calendar year 2024 (1st January, 2024 to 31st December, 2024) upgradation of Category (CAT) of ILS at following stations was completed:

- Delhi :   ILS RWY29R (CAT-I to CAT-III w.e.f. 11.07.2024)
- Shamshabad :   ILS RWY09R (CAT-I (HIAL) to CAT-II w.e.f. 26.12.2024)
- Details, in brief, regarding aforesaid commissioned Nav-Aids facilities are as tabulated below:

NAVIGATION (NAV-AIDS) FACILITIES			
NEW DVOR FACILITIES			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Kolhapur	DVOR	31-Oct-24
2	Kushinagar	DVOR	11-Jul-24
3	Rewa	DVOR	23-Sep-24
NEW HPDME FACILITIES			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Kolhapur	HPDME	31-Oct-24
2	Kushinagar	HPDME	11-Jul-24
3	Rewa	HPDME	23-Sep-24
NEW ILS FACILITIES			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Delhi	ILS RWY29R	21-Mar-24
2	Deoghar	ILS RWY09	13-Jun-24
3	Gulbarga (Kalaburagi)	ILS RWY27	16-May-24
4	Jabalpur	ILS RWY24	13-Jun-24
5*	Port Blair (Commissioned with new GP)	ILS RWY04	18-Apr-24
NEW LPDME FACILITIES			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Delhi	LPDME RWY29R	21-Mar-24
2	Deoghar	LPDME RWY09	13-Jun-24
3	Gulbarga (Kalaburagi)	LPDME RWY27	16-May-24
4	Jabalpur	LPDME RWY24	13-Jun-24
NEW NAV-AIDS FACILITIES AS REPLACEMENT OF EXISTING FACILITIES			
NEW DVOR FACILITIES (AS REPLACEMENT)			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Aurangabad	DVOR	26-Dec-24
2	Bengaluru (HAL)	DVOR	1-May-24
3	Bhavnagar	DVOR	13-Jun-24
4	Bikaner (LUNKA-I)	DVOR	18-Apr-24
5	Coimbatore	DVOR	8-Aug-24
6	Hyderabad (Begumpet)	DVOR	14-Jun-24
7	Imphal	DVOR	25-Jan-24
8	Jalgaon	DVOR	16-May-24
9	Madurai	DVOR	8-Aug-24
10	Nagpur	DVOR	8-Aug-24

11	Port Blair	DVOR	19-Jan-24
12	Raipur	DVOR	8-Aug-24
13	Ranchi	DVOR	28-Nov-24
14	Shamshabad (HIAL)	DVOR	26-Dec-24
NEW HPDME FACILITIES (AS REPLACEMENT)			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Bengaluru (HAL)	HPDME	1-May-24
2	Bikaner	HPDME	18-Apr-24
3	Coimbatore	HPDME	8-Aug-24
4	Imphal	HPDME	25-Jan-24
5	Jalgaon	HPDME	16-May-24
6	Nagpur	HPDME	8-Aug-24
7	Port Blair	HPDME	19-Jan-24
8	Ranchi	HPDME	28-Nov-24
9	Shamshabad (HIAL)	HPDME	26-Dec-24
10	Shimla	HPDME	6-Feb-24
NEW ILS FACILITIES (AS REPLACEMENT)			
SL. NO.	NAME OF STATION	NAME OF FACILITY	DATE OF COMMISSIONING
1	Agartala	ILS RWY18	21-Mar-24
2	Chennai	ILS RWY25	31-Oct-24
3	Dimapur	ILS RWY12	1-Dec-24
4	Guwahati	ILS RWY02	26-Dec-24
5	Imphal	ILS RWY04	25-Jan-24
6	Mumbai	ILS RWY14	28-Nov-24
7	Shamshabad (HIAL)	ILS RWY09R	26-Dec-24
8	Vadodara	ILS RWY22	11-Jul-24
NEW LPDME FACILITIES (AS REPLACEMENT)			
SL. NO.	**NAME OF STATION**	**NAME OF FACILITY**	**DATE OF COMMISSIONING**
1	Agartala	LPDME RWY18	21-Mar-24
2	Amritsar	LPDME RWY34	11-Nov-24
3	Bhopal	LPDME RWY30	15-Oct-24
4	Chennai	LPDME RWY25	31-Oct-24
5	Dimapur	LPDME RWY12	1-Dec-24
6	Imphal	LPDME RWY04	25-Jan-24
7	Jaipur	LPDME RWY26	16-Oct-24
8	Lucknow	LPDME RWY27	15-Jul-24
9	Mumbai	LPDME RWY14	28-Nov-24
10	Nagpur	LPDME RWY32	4-Sep-24
11	Shamshabad (HIAL)	LPDME RWY09R	26-Dec-24
12	Vadodara	LPDME RWY22	11-Jul-24

NAV-AIDS FACILITIES COMMISSIONED AFTER TRANS-INSTALLATION			
SL. NO.	NAME OF STATION	NAME OF FACILITY	DATE OF COMMISSIONING
1	Dimapur	NDB	13-Jun-24
2	Pantnagar	HPDME	20-Dec-24

B. Performance of Automation Section:

* **Software Support Contracts:-** Highly critical Automation systems at Delhi, Mumbai, Chennai, Kolkata, Hyderabad, Bengaluru Airports and Central Air Traffic Flow Management Delhi have been covered under the maintenance support contract with OEMs.

* Contract was awarded to OEM to Upgrade Automation System Hardware at Mumbai and Chennai to enhance the efficiency of the Automation system. The contract has been completed on 15.03.2024.

* Contract has been awarded to OEM for the "Supply, installation, testing & commissioning (SITC) for the upgradation of the automation system at Kolkata, for catering the operations from new ATC tower".

* AAI with M/s BEL (Bharat Electronics Limited) has jointly developed the Air Traffic Management Automation system at Bhubneshwar. The Automation System has been successfully installed at Bhubneshwar Airport. The system is working efficiently at the station and has been commissioned successfully on 06.02.2024.

C. Futuristic Telecom Infrastructure (FTI) Section:

* AAI has undertaken major initiative for creation of Telecom infrastructure with the help of Managed Service Provider (MSP) on BOO (Build, Own & Operate) model. This is a domestic Ground to Ground (G/G) communication infrastructure to meet existing and future air traffic communication requirements and capable of supporting data to be used for Air-Ground (A/G) communication. It provides SLA-based telecom services ranging from 99.9% to 99.999% availability. At present FTI is available at 81 locations across India covering voice and data applications. Currently, 270 services are running on FTI with average Availability of 99.91%.

* The robust and resilient FTI infrastructure yielding an improved SLAs will be a potential enabler in reducing the minimum separation increasing the air-space capacity resulting in increased revenue generation for AAI. Further, high availability of the links will help ATCOs to have continuous situational awareness of the air-space and result in enhanced air safety.

D. Performance of Communication Section:

* **Digital Voice Recorder (DVR) system Commissioning/Trans-installation Commissioning:** Qty-11 DVR have been commissioned/Trans-installation commissioning at various Airports on PAN India and being operated successfully.

* **DATIS System Commissioning/Trans-installation Commissioning: -** Qty-10 DATIS system have been commissioned/ Trans-installation commissioning at various Airports on PAN India and being operated successfully.

* **New IP based HF Receiver and HF Transceiver Commissioning:-** For the enhancement of ATS operation for long range communication, new IP based HF Receiver [Qty-08] at Chennai Airport have been commissioned for replacement of old legacy HF RX and being operated successfully.

  HF Transceiver: HF Transceiver [Qty-02] has been commissioned at Guwahati Airport for enhancement of ATS operation.

• **Augmentation of AIS-AIM Automation System at CHQ on SITC basis:-** In line with the commitment to enhance its Aeronautical Information Service (AIS) / Aeronautical Information Management (AIM) system at the Corporate Headquarters (CHQ), AAI has awarded a contract for the system augmentation to M/s IDS AirNav s.r.l., Roma, Italy. The project was successfully completed in the month of December 2024.

The upgraded system will significantly enhance productivity for Flight Plan Design (FPD), Air Space Management (ASM), Aeronautical Information Services (AIS), and EMACS users. This improvement will be achieved through the deployment of additional user workstations and the implementation of the latest software tools and applications.

This enhancement will contribute significantly to AAI's mission to improve air traffic management capabilities, ensuring greater safety, efficiency, and effectiveness in Indian airspace.

• AMSS System: -RWS circuit has been established with Guwahati AMSS at Hollangi Airport, effective from April 24th, 2024, for the provisioning of AFS facilities at Hollangi Airport.

E. Performance of Standardization & Quality Assurance Section:

Standardization:

• CNS Circulars: 06 nos. of CNS Circulars and 02 nos. of CNS Technical Advisory Circulars have been issued for guidance and to streamline Operation and Maintenance Management of CNS /ATM facilities.

• CNS Manuals: CHQ CNS Manuals issued by CHQ were updated.

• Station CNS Manual: Updated CNS Manuals in respect of 71 stations were approved by CHQ as per the guidelines of DGCA. The details of Station CNS Manuals approved are as given below: -
  ✓ ER - 09 Stations
  ✓ NER- 08 Stations
  ✓ NR – 16 Stations
  ✓ SR – 19 Stations
  ✓ WR – 19 Stations

F. Performance of Surveillance Section:

Following Surveillance facilities were commissioned during 2024:

Surveillance Facilities Commissioned in Year 2024			
S. No.	NAME OF STATION	Facility	Date of COMMISSIONING
1	Cochin	ASMGCS	01-05-2024
2	Bhubneshwar	ASMGCS	06-08-2024
3	Kolkata	Space Based ADS-B	24-07-2024

Besides, work was completed for upgradation of existing MLAT firmware (P/o ASMGCS) and supply of additional MLAT to address obsolescence issue and to ensure redundant coverage of fourth RWY at IGIA.

G. CNS-Human Resource Management (HRM) Section:

ATSEP Training: To comply with regulatory guidelines for the training of Air Traffic Safety Electronics Personnel (ATSEPs), a total of 956 ATSEPs successfully completed their training between January to December 2024. During this period, 74 training and 13 workshops were conducted across all five regions.

Additionally, 02 external training programs were organized:

• Advanced Linux System Administration at NIELIT, Delhi, in April 2024, for 14 ATSEPs.

• Applied Cyber Security at IIT Bhubaneswar in January 2024, for 15 ATSEPs.

Furthermore, 05 onsite training and 03 factory training were conducted by OEMs from January to December 2024 as follows:

Onsite Training by OEM:

1. Calibration and Optimization training on ASMGCS System at Cochin in April 2024 for 05 ATSEPs

2. AMHS Hardware & Network Maintenance and System Maintenance at Mumbai in September 2024 for 12 ATSEPs

3. AMHS Operations at Mumbai in September 2024 for 10 ATSEPs

4. AMHS Hardware & Network Maintenance and System Maintenance at Delhi in October 2024 for 11 ATSEPs

5. AMHS Operations at Delhi in November 2024 for 10 ATSEPs

Factory Training by OEM:

1. DV XBIS training (Slot 1) at M/s Vehant Technologies Pvt. Ltd, Noida, in February 2024 for 10 ATSEPs

2. DV XBIS training (Slot 2) at M/s Vehant Technologies Pvt. Ltd, Noida in February 2024 for 10 ATSEPs

3. DICOM VCCS training at East Patel Nagar in December 2024 for 10 ATSEPs.

Foreign Training:

A total of 05 Foreign Trainings were conducting during this period:

1. NDB - Operation, Preventive and corrective maintenance of the system, Installation, Testing, Equipment adjustment during flight calibration and commissioning checks, at Texas, USA in February 2024 for 07 ATSEPs

2. Repair Facility / Test Jig - NDB at Texas, USA, in February 2024 for 03 ATSEPs

3. ILS Repair Facility / Test Jig at Chelyabinsk, Russia, in February 2024 for 03 ATSEPs

4. In-line X-Ray Baggage inspection System training at France in June 2024 for 10 ATSEPs

5. Operation and Maintenance Training for IP-Based VHF Transmitters/Receivers and Associated Accessories at Larvik, Norway in November 2024 for 10 ATSEPs

Conduct of Examination:

An Open Proficiency Written Exam was conducted in April 2024 for 2142 ATSEPs across all five regions. This exam covered the following 04 subjects:

1. AMSS Operations (OPS)

2. DME

3. HF/NDB

4. VHF

OJTI Empanelment:

As per CNS Circular 08/2023, the OJTI (On-the-Job Training Instructor) empanelment evaluation program was conducted for all 17 stations listed in Annex F, Part I of the OJTI guidelines across all five regions. As of now, 74 On-the-Job Training Instructors (OJTIs) have been empanelled to conduct evaluations for CNS facilities at the stations of Ahmedabad, Chennai, Guwahati, Kolkata, Madurai, Mangalore, Mumbai, Nagpur, and Vizag.

Ab-Initio:

A total of 131 JETs are undergoing ab-initio training from December 2024 across 15 training centres located in all five regions: Delhi, Amritsar, Mumbai, Ahmedabad, Nagpur, Calicut, Chennai, Vizag, Coimbatore, Madurai, Mangalore, Cochin, Kolkata, Bhubaneswar, and Guwahati.

• A total of 32 Senior Assistants began their ab-initio training at CATC:

  1. 21 Senior Assistants in November 2024.

  2. 12 Senior Assistants in December 2024.

- A total of 222 Managers are undergoing training:

1. 178 Managers from Batch 1 started their in September 2024 at HIAL, BIAL, and CATC.

2. 16 Managers from Batch 2 joined CATC in November 2024 for ab-initio training.

3. 28 Managers from Batch 3 joined CATC in December 2024 for ab-initio training.

9.12 FACILITIES TO PERSONS WITH DISABILITIES

AAI has undertaken the concreted efforts to take forward the vision of the Accessible India Campaign by ensuring fully accessible infrastructure for Divyangjans at airports. Ambulift facility was also introduced at AAI Airports to facilitate the passengers with medical emergencies and reduced mobility. Accessibility Standards and Guidelines for Civil Aviation is also prepared and published in public domain before Gazette Notification; which will help in making all Indian Airports more accessible for millions of users.

9.13 LIBERALISATION OF COMMERCIAL POLICIES & FORMULATION AND IMPLEMENTATION OF NEW COMMERCIAL ACTIVITIES IN AAI AIRPORTS

- AAI has liberalised its commercial policies by relaxing the criteria of financial turnover and removing requirement of past experience criteria in many of the commercial facilities, in line with vision of the Government to enhance ease of doing business. The policy has been made open to attract more and more entrepreneurs to bid for operating commercial facilities at AAI airports. AAI has also oriented the business model for facilities like F&B, Retail and Advertisement Master Concessions by linking the Concession Fee with the passenger traffic to reduce the risk in business in AAI airports.

- Consequent to the subject liberalization, changed business model and wide publicity initiatives, several commercial contracts related to retail, food and beverage, advertisement, duty-free, and other non-aeronautical revenue streams have been awarded at numerous airports, resulting into enhancement of non-aeronautical revenue manifold.

- Policy for app-based Cab Aggregators has been revised to enable seamless onboarding at AAI Airports. As a result, several cab aggregators have signed MoUs at CHQ level, based on which these Cab Aggregators are permitted to set up their facility at AAI airports, without any further processing or approvals at Airport level.

- In line with vision of GOI, a novel initiative, to empower artisans and to introduce passengers to the local heritage and traditions, AAI has allowed Self-Help Groups (SHGs) to set up shop at many airports in the country to sell products for their inclusive growth, under AAI's AVSAR (Airport as Venue for Skilled Artisans of the Region) initiative. This will enable women attached to these SHGs to expand the reach of their products to people throughout the nation.

- AAI in order to provide budget friendly and affordable snacks etc. to passengers at Airports has introduced Udan Yatri Cafe at Kolkata airport where the items are priced as low as Rs.10/-. The same will be extended to other AAI airports if the response is encouraging.

- Policies i.r.o. new commercial activities i.e. Installation of EV Charging Units, Managing and Operating Baby Care Room facility, Rent a Cab (Self-drive Car) facility, provisioning of Excess Baggage Courier Services are also formulated and implemented at various AAI airports.

- In addition, leveraging of technology is also being done in revenue realisation, wherein centralised billing, Billers Direct and VAN modules have been implemented recently and are resulting in better monitoring of revenues and receivables.

9.14 DIGI YATRA

DigiYatra Facilities has been made operational at 10 AAI airports in 2024 – Bhubaneshwar, Chennai, Coimbatore, Goa, Indore, Bagdogra, Ranchi, Patna, Raipur and Vishakhapatnam. As of December 31, 2024, the DigiYatra facility is operational at 14 AAI airports. Test operations are ongoing at another two airports i.e. Chandigarh and Srinagar airports.

Digi Yatra facility provides a seamless, hassle-free & paperless journey experience for the domestic air travelers, by reducing queue waiting time and enabling quicker processing time.

9.15 ESTABLISHMENT OF IT NETWORK AT VARIOUS NEW TERMINALS

IT networks which is the backbone of airport operations, have been successfully implemented at various new airport terminals i.e. Surat (Jan 2024), Rewa (Oct 2024), Solapur (Sept 2024), Sarsawa (Oct 2024) and expansion of airport terminals i.e. Trichy (Feb 2024), Kolhapur (March 2024), Pune (March 2024), Jabalpur (March 2024).

9.16 IT DATA CENTRE, SAFDARJUNG AIRPORT, NEW DELHI

Security enhancement of Web Gateway at Data Center; Upgradation & Augmentation of Active Directory solution at Data Center, Safdarjung Airport.

9.17 DEVELOPMENT OF VARIOUS APPLICATION MODULES FOR ENHANCING FUNCTIONAL EFFICIENCY

- Dashboard for Aerodrome Licensing Management System.
- App Based Cab Aggregator Module for Commercial contracts.
- Incident Occurrence Reporting System for ATM Standards and Quality Management Services (SQMS).
- Module for RCS-VGF Disbursement to selected Airline Operator.

- CNS Maintenance Module (Equipment Details etc).
- Frequency Management System (FMS) for use of ANS Directorate in AIMS Application.
- Module for reporting Passenger, and Aircraft Movement related information (for use by MOCA).
- Voluntary Reporting System (VRS) for reporting hazard related to Aviation Safety.
- CNS-ATM Agreement related Billing Module for Non-AAI Airports.
- Self-Billing System for payment of Non-Scheduled Operators (NSOP).
- Implementation of SMS facility for sending information to AAI employee related to various payments such as salary, bonuses, reimbursements, encashments etc.

9.18 CYBER SECURITY OPERATIONS CENTER (C-SOC)

Implementation of SIEM/SOAR

Successful implementation of Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR), which will ensure automation in identifying and responding to threats more efficiently

Deployment of Honeypot at IT Data Center, RGB, AAI.

In coordination with National Cyber Coordination Centre (NCCC), CERT-In GoI initiative, Honeypot Sensors successfully deployed in the Data Center, IT Department, AAI to effectively capture targeted cyber-attack, indicators of compromise and timely dissemination of cyber threat intelligence.

Cyber Security Assessment of IT Infrastructure and selected Airports

The cyber security audit was successfully carried out at selected critical airports by NCSC Audit and Assessment Team (NAAT) in coordination with CERT-In, NCIIPC and CDAC.

ISO 27001:2013 Re-Certification of IT Data Center, Delhi and IT Disaster Recovery Center Hyderabad

Re-certification was carried out by a third-party certifying Agency, NQA with validity of ISO 27001:2013 certification (issued on 12th June 2024) till 31st October, 2025.

9.19 DEVELOPMENT OF WEB PORTALS AND MICROSITES TO FACILITATE THE EASE OF DOING BUSINESS

- **Upgradation of MoCA Website**

  Upgraded Look and feel of MoCA Website; Creation of Analytics and dashboard on home page of MoCA Website and Upgrade from Drupal 7.x to 10.x

- **Provision to accept the Jeevan Pramaan in the Retired Employee Portal:**

  Portal feature allows AAI retired employees to upload their Digital Life Certificate downloaded from the Jeevan Pramaan Portal. This new feature serves as an additional provision apart from exiting provision that requires submission of Form - G.

- **Module to receive application form for App Based Cab Aggregator**

  Module facilitates to receive the application form for App Based Cab Aggregators for having a Centralized MoU between AAI and the Aggregators.

- **Airport capacities for Slot Allocation at AAI Airport**

  Website Team has developed a new module titled *"Airport capacities for Slot Allocation at AAI Airports"*, for use of Domestic Airlines to have access, view the terminal building capacity and runway capacity at AAI Airports.

- **Digitalized admission process of FTC, New Delhi and FSTC, Kolkata (https://ftc.aai.aero/ and https://fstc.aai.aero/)**

  In order to ensure the transparency in the admission procedure for various training courses at FTC, New Delhi & FSTC Kolkata, AAI Website Team has developed and made Go-Live the module for Digitized Admission Process w.r.t the private candidates, and sponsored candidates at Fire Training Center (FTC) and FSTC portal. This innovative step towards digital transformation aims to enhance the accessibility for aspiring candidates and organizations nationwide to easily access the admission process.

- **Complaint Management System Portal for Vigilance Directorate (https://cmsvig.aai.aero/)**

  Go-live of *'Vigilance Complaint Management System'* Portal for filing of complaint/grievances by an individual against AAI Officials for transparency and corruption-free working environment. The portal is interactive, user-friendly & incorporates key features like reviewing, managing and disposing-off complaints by Competent Authority. Features like availability of MIS reports, status of complaints etc. are also included in the portal.

9.20 START-UP AND INNOVATION

- Signing of Memorandum of Understanding (MoU) Implementation with IIT Kanpur: AAI entered into MoU with IIT Kanpur (IIT-K) to invent the solutions related to Perimeter Intrusion Detection System (PIDS) for implementation at Hirasar Airport and Vehicle Management Study System (VMSS) at Varanasi Airport.

- Revision of AAI Start-up Policy 2024: Revised AAI Start-up policy, 2024 was released to adopt definitive path for start-up companies to evolve innovative solution, scale up the deliverables the problems, challenges faced by AAI with exemplary vision meeting global standard at international level significantly.

9.21 COMPUTER BASED TRAINING (CBT) SIMULATOR SYSTEM SOFTWARE

Procurement and operationalization of State-of-the-art CBT Simulator System Software

for five Aviation Security Training Institutes (ASTIs) i.e. Kolkata, Chennai, Bhopal, Guwahati and Delhi. This has facilitated enhancement of training capabilities and capacity enhancement for Baggage Screeners by providing simulated environment with 3D/CT Baggage Inspection machines. The software is capable to accommodate upto 200 trainees simultaneously.

9.22 PROCUREMENT FROM MSMEs

During the period from 01.01.2024 to 31.12.2024, the procurement of Goods & Services by AAI from MSMEs (including those owned by SC/ST and Women Entrepreneurs) amounted to ₹1,718.70 Crore. This includes ₹765.22 Crore procured between 01.01.2024 and 31.03.2024 under FY 2023-24 and ₹953.48 Crore procured up to 31.12.2024 under FY 2024-25. For FY 2023-24, this represented approximately 163% of AAI's annual procurement target of ₹1,305.00 Crore, thereby fulfilling the mandatory procurement target of 25% from MSMEs. For FY 2024-25 (up to 31.12.2024), procurement from MSMEs was approximately 48% of the annual target of ₹2,000.00 Crore, also meeting the mandatory procurement target of 25%.

9.23 PROCUREMENT THROUGH GeM PORTAL

From 01.01.2024 to 31.12.2024, AAI procured Goods & Services worth ₹1,236.48 Crore through the GeM portal. This includes ₹243.20 Crore procured during 01.01.2024 to 31.03.2024 under FY 2023-24 and ₹993.28 Crore procured up to 31.12.2024 under FY 2024-25. For FY 2023-24, procurement through GeM accounted for approximately 110% of the annual target of ₹1,000.00 Crore, while for FY 2024-25 (up to 31.12.2024), it reached 99% of the same target, thereby fulfilling the mandatory procurement requirement through the GeM portal.

9.24 SECURITY

Aviation Security Training

*   During the period, the Aviation Security Training Institute (ASTI) of AAI at Meenambakkam, Chennai received accreditation from BCAS on 15th January

2024. This approval is in addition to the approvals received during 2022-23 for the ASTIs in Guwahati, New Delhi, Kolkata, and Bhopal.

*   During the period, approval from DG, BCAS was also granted via a letter dated 19th January 2024 for conducting the following additional AvSec courses at the five ASTIs of AAI:

    a) Screener Pre-certification Course (ILHBS)

    b) AvSec Course for Air Crew (Air Traffic Service Personnel)

    c) AvSec Refresher Course for Air Crew (Air Traffic Service Personnel)

*   During the period, the Dangerous Goods Training Manual (Vol.-I and Vol.-II) based on the CBTA approach by AAI was reviewed and provisionally accepted by DGCA on 13th August 2024. As per this acceptance, AAI is authorized to utilize DGCA-approved instructors and skill assessors from DGCA-approved training organizations to conduct training at AAI ASTIs for Function "Personnel responsible for the screening of passengers and crew and their baggage, cargo and mail"

*   From January to November 2024, the ASTIs generated a revenue of ₹10,18,38,906 by conducting Aviation Security courses for participants from AAI, AAICLAS, PSA, APSU, and other entities.

*   To enhance transparency and efficiency in AvSec training, testing, and certification, a fully functional website has been developed for all ASTIs. This digital platform will eliminate paper-based processes and expand outreach to entities and prospective clients, potentially generating additional revenue.

Private Security Agency (PSA) personnel replacing CISF for non-core security duty points at Airports:

*   The 5-day AVSEC Induction Training and the 14-day Basic AVSEC Course for PSA personnel were replaced by a 6-day AVSEC

Foundation Course, as per the BCAS order dated 02/05/2024.

• As a result, 490 Private Security Agency (PSA) personnel were trained and deployed across 42 AAI airports to handle non-core functions, taking over the responsibilities previously managed by CISF.

Security vetting approvals/clearances

• During the period, a total of 470 security clearances/approvals got approved from DG, BCAS for infrastructural modifications and new facilities at various Airports.

CISF INDUCTION

Ayodhya Airport

The First phase of New Airport was developed by AAI at Ayodhya Airport and completed the project in a record time of 20 months. Hone'ble Prime Minister of India has inaugurated the Ayodhya Airport on 30.12.2023.

Keeping in view the construction Ram Mandir Temple at Ayodhya, a decision was taken to deploy CISF for smooth security operations.

After completion of all the pre-induction formalities, CISF was deployed at Ayodhya Airport on 9th January, 2024.

9.25 PUBLIC PRIVATE PARTNERSHIP (PPP)

AAI is developing various airports and airstrips across the country and is also providing air navigation services for efficient and affordable air travel in the country. While upgrading its own airports, AAI is also developing various airports through PPP and also supporting State Governments and other entities for development of their Airports/ Airstrips.

I. 06 PPP Airports

• Join Union Cabinet accorded In-principle approval on 08.11.2018 for undertaking Operation, Management and Development (OMD) of 06 Airports viz. Ahmedabad, Jaipur, Lucknow, Guwahati, Mangaluru and Thiruvananthapuram, through Public Private Partnership (PPP). After approval of the Union cabinet, LoA issued to the highest bidder -M/s AEL for operation, management and development 06 PPP Airports. Accordingly, 06 PPP Airports were handed over to Concessionaire as follows and Concession Fee received by AAI for the period 01.01.24 to 30.11.24 is as under:

Concession Fee received by AAI from Concessionaire i.r.o. 6 PPP Airports (F.Y. 2023-24 & F.Y. 2024-25 Upto Nov 2024)

S.No.	Airport	Date of Handing over to Concessionaire	Actual CF received by AAI during F.Y. 23-24 (01.01.24 to 31.03.24)	Actual CF received by AAI during F.Y. 24-25 (01.04.24 to 30.11.24)
1	Mangaluru	31.10.2020	8.85	26.13
2	Lucknow	02.11.2020	36.97	97.73
3	Ahmedabad	07.11.2020	72.88	201.31
4	Guwahati	08.10.2021	25.76	72.65
5	Jaipur	11.10.2021	30.31	79.81
6	Trivandrum	14.10.2021	31.81	90.11
Total			**206.58**	**567.74**

• One time RAB received from 06 PPP Airports for the period 01.01.24 to 12.12.24 is Rs.2502.30 Crores.

• Total Concession Fee received for the period 01.01.24 to 30.11.24 is Rs.774.32 Crores.

II. O& M Agreements Signed

- The State Govts. are developing their airports in far flung areas which are potential tourist destinations but are not presently connected by air. However, states are facing technical challenges in maintaining the airports due to lack of expertise in aviation sector. Since AAI has core competence in developing airport infrastructure and maintaining the services efficiently therefore, AAI is extending technical expertise to the state governments in various ways such as providing consultancy, deploying trained

manpower for operations and maintenance as per requirement projected by the state governments.

- In this connection, AAI is supporting the State Govt. in operationalisation of Airports/ Airstrips owned by State Govt.by entering O & M Agreements. Accordingly, AAI has already signed 15 No. O & M Agreements with various State Govts / PSU for Operation Management of Airports / Airstrips in the States.

AAI has signed following 04 O & M Agreements for the period 01.01.24 to 31.12.24.

Sl. No.	Name of Airport	Name of State	Date of Execution	Signed Between
1	Hisar	Haryana	15.02.2024	GoH & AAI
2	Car Nicobar	Andaman and Nicobar	22.07.2024	GoAN & AAI
3	Campbell Bay	Andaman and Nicobar	22.07.2024	GoAN & AAI
4	Shivpuri	Madhya Pradesh	10.10.2024	GoMP & AAI

9.26 HUMAN RESOURCES

AAI introduced updates in medical and recruitment standards, including pre-employment medical examinations for Junior Executives (ATC), enhanced physical endurance test guidelines for fire service recruitment, and the inclusion of Autism Spectrum Disorder (ASD) treatment under the AAI Medical Policy. Revised TA/DA policies and stress allowances for Air Traffic Controllers (ATCOs) have also been implemented. To foster industry exposure, the "Pradipti" internship program was launched, and a policy was established for posting AAI employees to joint ventures or subsidiary companies. Performance-related pay and performance-linked payments were disbursed for the year 2022-23, recognizing employee contributions.

During the Calendar Year 2024, Offers of Appointment issued against 1310 Junior Executive level and 324 Manager level vacancies advertised under various recruitment advertisements. Further, with the operationalization of new airports and the rapid growth in air traffic, 840 posts for Air Traffic

Control Officers (ATCOs) have been created. Additionally, a proposal for the creation of 24 positions in the Engineering Structures Department is in the final stages of approval.

9.27 OTHER ACHIEVEMENTS DURING THE YEAR

The Airports Authority of India (AAI) has achieved significant milestones in enhancing airspace management and operational efficiency. Under its recent initiatives, AAI implemented 5 NM Surveillance-Based Separation in ATS airspace, establishing and realigning 14 control areas, zones, and TMAs. This included the creation and adjustment of 69 ATS routes, seven conditional routes, and 13 Special Use of Airspace (SUA) areas to optimize airspace utilization. Safety assessments were conducted for 20 realignment and establishment projects, and survey-based adjustments to ATS routes were implemented in key cities like Raipur, Nagpur, and Coimbatore. Additionally, over 410 Temporary Airspace Reservations (TARs) and 446 drone operation requests were processed, demonstrating AAI's commitment to supporting diverse airspace users.

In line with the Flexible Use of Airspace (FUA) policy, AAI reported a saving of ₹238 crores and reduced CO2 emissions by approximately 54,285 tons for airlines. ATS route amendments were made in conjunction with HF frequency withdrawals, while transition altitudes were established for airports like Nanded, Rewa, and Satna. Significant exercises, such as a tri-services-level airspace coverage from east to west and north to south across India, were successfully planned and executed. VHF frequency updates were introduced for airports like Solapur, Vijayapura, and Amravati, and draft plans for UTM implementation over the next 15 years were submitted to the Ministry of Civil Aviation.

AAI has also focused on employee welfare and administrative improvements. Key updates include the Equal Opportunity Policy for transgender individuals, revised maternity leave provisions for female employees, and automation of terminal benefit forms through the ESS portal. Consolidated guidelines on service uniforms, vigilance policies, and transport facilities between cities and airports have been issued. To mitigate hardships, employees are now eligible for interest-free advances, and part-payment and foreclosure of loans have been facilitated.

ADDITIONAL REGION WISE DETAILS OF VARIOUS PROJECTS OF AAI

EASTERN REGION

1. **Foundation Stone / Inauguration of building or facilities from 01.01.2024 to 31.12.2024**

Foundation Stone		
Project- site/ Airport	**Particulars**	**Date**
Bagdogra	Foundation stone laid for Development of New Civil Enclave at Bagdogra Airport.	Oct-24
Darbhanga	Foundation stone laid for Development of Darbhanga Airport	Oct-24
Inauguration		
Project- site/ Airport	**Particulars**	**Date**
Bhubaneswar	Inauguration of Link Building at Bhubneshwar Airport by Hon'ble State Government Gen. V.K Singh.	Feb-24

2. **Capital Schemes Completed from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed	Date
Raipur	Upgradation of CAT-I lighting system to CAT-II lighting system at Swami Vivekananda International Airport, Raipur	11.10	Feb-24
	Expansion of Apron for 04 nos. of bays i/c link taxi at Swami Vivekananda International Airport, Raipur (Civil & Electrical works)	16.33	Mar-24
Patna	Re-Carpeting of Runway, Taxiway, Shoulders, Apron & C/o Parallel Taxi Track, Isolation bay, Taxiway link to new apron (in front of hanger) to RWY and allied works at Patna airport.	68.40	Jul-24
Bhubaneswar	Resurfacing of Runway at Biju Patnaik International Airport, Bhubaneswar.	92.88	Nov-24
	Conversion of Category-I lighting to Category-III lighting system & resurfacing of runway. SH: Resurfacing of runway (recall)	94.64	Nov-24
	Construction of link building between Terminal T1 & T2 for Integrated operations using passenger boarding bridge facility and expansion/renovation work of Terminal T2 at Bhubaneswar Airport.	82.57	Dec-24

3. **Capital schemes under progress from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed	Date
Darbhanga	Development of Darbhanga Airport SH: Expansion of Existing Pre-Engineered Terminal Building i/c Civil, Electrical, Fire Fighting, HVAC/VRF, Airport System, IT System, Car Parking & Roads, Boundary Wall, City Side Development & Other Associated Works including modification in existing terminal building on design & build basis.	36.94	Jan-25
	Development of New Civil Enclave at Darbhanga, Bihar. SH: Construction of New Terminal Building, Allied Structure and External Development works on Engineering Procurement and Construction (EPC) Model.	911.66	Jul-26
Patna	Construction of New Domestic Terminal Building and other structures (Phase I and II) at Patna Airport.	1216.90	Jan-25
	Construction of State Govt. Hangars, Flying Club Building, VIP Lounge Building and other associated works at Patna Airport		Jun-25
	Construction of ATC control block, Technical Block fire station & cargo block at Patna Airport		Jun-23
	Construction of IMD Building, Medical Center and G+3 Multipurpose Building at Patna Airport. (Civil & Electrical Works).		Jul-25
	Construction of New Domestic Terminal building and other allied structures (Phase-I & II) at JPNI Airport, Patna. SH: Construction of apron (Phase-III) at Patna Airport.		Feb-25
Ranchi	Provision of CAT-II Lighting System at Birsa Munda Airport, Ranchi.	18.70	Mar-25
	Construction of Parallel Taxi track (PTT), Rapid Exit Taxi way (RET) at Birsa Munda Airport, Rachi.	117.20	May-25
	Construction of Boundary Wall on Newly Acquired Land at BM Airport Ranchi.	14.83	Dec-25
Bhubneshwar	Provision of 4 MWP (DC) ground mounted solar power plant, Bhubneshwar.	41.24	Jun-25
	Construction of Parallel Taxi Track (PTT), Rapid Exit Taxi way (RET) and Apron for parking of 08 nos. Code C Aircrafts at Biju Patnaik International Airport, Bhubaneswar. SH: Construction of PTT and RET (Phase-II).	62.26	Jan-25

	Conversion of Category - I lighting to Category - II Lighting System at BPI Airport, Bhubaneswar	21.98	Jan-25
	Extension of T1 for capacity enhancement	11.97	Feb-25
Pakyong	Widening of basic strip at Pakyong Airport i/c slope stabilization balance work of uphill and developing the Storm Water drainage system.	323.26	Jun-26
Kolkata	Re-Construction of Rigid portion of Sec. RWY, 'K' & 'A' taxi	328.30	Oct-25
	Capacity Enhancement at Integrated Passenger Terminal Building at NSCBI Airport, Kolkata	109.07	Jul-25
	Construction of Common User Domestic Cargo Terminal (CUDCT) at NSCBI Airport, Kolkata. SH: Construction of a subway/ underpass across VIP road from Airport Operational area to AAI Residential colony at NSCBI Airport, Kolkata. (Deposit work)	233.00	Jun-25
	Re-Construction of Rigid portion of Sec. RWY., 'K' & 'A' taxiway & Strengthening of C Taxiway at NSCBI Airport, Kolkata. Electric Work	29.33	Oct-25
	Integration of CAT-I Approach Circuits of Primary Runway (19L/ 01R) with existing ALCMS and Associated Electrical Work at NSCBI Airport, Kolkata.	14.48	Mar-25
	Special repair and rehabilitation of airfield pavements at NSCBI Airport , Kolkata. SH: Misc. Electrical works.	12.62	May-26
	Augmentation of power supply-east side-r/w Civil work for sub station Building. b) Electrical Work (Substation Work)	14.79	Jan-25
	Design, Supply, Installation, Testing & Commissioning of Facade Lighting of New Integrated Terminal Building at NSCBI Airport, Kolkata.	10.59	Feb-25
	Construction of Pathway for movement along Boundary wall at Bagjola Tx. Station NSCBI Airport, Kolkata (Phase-II).	11.05	Feb-25
Bagdogra	Development of New Civil Enclave at Bagdogra Airport. SH: - Construction of New Terminal. Building, MLCP, Allied Structure and External Development works on Engineering Procurement and Construction (EPC) Model.	1549.00	Mar-27
Port Blair	Rehabilitation of existing RCC retaining wall, boundary wall in Glide Path Site at VSI Airport, Port Blair.	18.44	Feb-25

	Construction of canopy in Airside and City side of NITB at VSI Airport, Port Blair.	6.81	Jan-25
	Construction of retaining wall with piling adjacent to New Apron at VSI Airport, Port Blair	16.40	Jan-25

4.   **Projects under Planning from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Cost (In Crores)
Port Blair	Reconstruction of Existing Apron & Three Nos. taxiway and associated works	120.00
Purnea	Development of New Civil Enclave at Purnea	424.00
	Apron to park 01 nos ATR 72-600 & 04 nos. A-321/B-737 type of Aircraft. (Area 31,360 Sqm.)	
	Construction of 02 Nos. Link taxiways	
	Construction of Interim Terminal Building at Purnea Civil Enclave	58.00
Darbhanga	Development of New Civil Enclave at Darbhanga Airport SH: Construction of Apron, Link Taxiways & airside infrastructure	72.00
Dhalbhumgarh	Development of Dhalbhumgarh Airport in the State of Jharkhand for fair weather Operations of ATR-72 Type of Aircraft.	99.36
Bhubaneshwar	Construction of New Domestic Terminal [T3] Building at Bhubaneswar Airport	955.31
Bagdogra	Development of New Civil Enclave at Bagdogra Airport SH: construction of Apron, Link Taxiways & airside infrastructure.	78.01
Kolkata	Construction of the New Integrated Terminal Building, Apron, and associated works at NSCBI Airport, Kolkata	1400.00
	C/o New CISF complex at Narayanpur side, NSCBI Airport Kolkata	210.60
	Extension of Apron on south side of International Terminal Building and allied works at NSCBI Airport Kolkata.	489.20
	Resurfacing of Primary runway at NSCBI Airport, Kolkata.	80.00
Bihta	Development of New Civil Enclave at Bihta. SH: Construction of New integrated Terminal Building, utility Building, Elevated Road along with associated Electro-Mechanical works, Airport System, IT System, Security System including Comprehensive Maintenance and Operation on Engineering Procurement and Construction (EPC) Mode	1413.00

NORTH EASTERN REGION

1. **Foundation Stone / Inauguration of building or facilities from period 01.01.2024 to 31.12.2024**

   Foundation/ Inaugration

Project-site / Airport	Particulars	Date
NIL		

2. **Capital Schemes Completed from period 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	Completion Date
Dibrugarh	Construction of hangar at Dibrugarh Airport, Assam	13.45	Feb-24
	Re-carpeting and merging of Existing Runway -05 (Flexible) work with new Rigid Runway pavement and other allied work at Dibrugarh Airport.	45.21	Mar-24
Imphal	Construction of International cargo terminal at Imphal Airport.	12.39	Oct-24
Barapani	Construction of new ATC tower cum fire station (balance work) at Barapani Airport	12.80	Nov-24

3. **Capital Schemes under progress from period 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	PDC
Hollongi / Itanagar	Construction of New Greenfield Airport at Hollongi	712.15	Mar-2025.
Dibrugarh	Construction of Technical block cum control tower at Dibrugarh Airport	44.28	Jan-25
Lilabari	Construction of property wall for newly acquired land at Lilabari Airport.	11.20	Mar-25
Silchar	Modification work of Terminal Building for free movement of Passengers at silchar Airport	9.04	Jun-25
Imphal	Construction of hangar and other associated works at Imphal Airport.	35.90	Jun-25

	Extension of Turn pad & fillets and Strengthening of TWY C at Imphal Airport.	17.05	Jan-25
	Construction of New Integrated Terminal Building, Control Tower Cum Technical Block, Apron, Link Taxiway and Associated works at Imphal International Airport, Imphal, Manipur	499.00	Mar-26
	Construction of New standard of fire pit and augmentation of fire station hard stand including approach road at Imphal Airport	12.70	Jan-25
	Construction of Operational area Storm water drain & grading of basic strip at Imphal Airport.	91.06	Mar-25
	Re-carpeting of Apron, Isolation bay, service lane including GSE area and major repairs to Taxiway at Imphal Airport	14.81	Mar-25
	C/o operational Boundary wall at Imphal Airport	25.41	Feb-25
	Widening & Strengthening of perimeter road	10.00	Jun-25
Dimapur	Modification/Expansion for Capacity Enhancement of Passenger Terminal Building, Dimapur Airport, Nagaland.	26.36	Mar-25
Agartala	Construction of Boundary wall at Khowai Airport	12.77	Mar-25
	Re-Carpeting of Runway, Taxiways, Grading of Operational Area, Development of Drainage System And Associated Works (Civil & Electrical) at M.B.B.Airport, Agartala	93.76	Mar-25

4. Projects under Planning from period 01.01.2024 to 31.12.2024

Project-site / Airport	Particulars	Cost (In Crores)
Silchar	Coinstruction of New Greenfield Airport at Doloo, Silchar, Assam.	1390.00

NORTHERN REGION

1. Foundation Stone / Inauguration of building or facilities from 01.01.2024 to 31.12.2024

Foundation Stone		
Project- site/ Airport	Particulars	Date
Jammu	Foundation stone laid for Development of the state-of-the-art New Terminal Building at Jammu Airport.	Feb-24
Varanasi	Foundation stone laid for Development of Lal Bahadur Shastri International Airport, Varanasi i/c Construction of New Terminal Building, Apron Extension, Runway Extension, Parallel Taxi Track & Allied works..	Oct-24

	Foundation stone laid for Development of New Civil Enclave at Agra Airport, SH: Construction New Integrated Terminal Building and Allied Works on Engineering Procurement and Construction (EPC) Mode.	Oct-24
Agra		

Inauguration		
Project- site/ Airport	Particulars	Date
Dehradun	Inauguration of New terminal building Phase-II of Dehradun's Jolly Grant Airport inaugurated by Union minister of Civil Aviation and Steel, Shri Jyotiraditya M. Scindia	Feb-24
Gwalior	Inauguration of Expansion of Civil Enclave at Gwalior Airport by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Jabalpur	Inauguration of Upgradation of Jabalpur Airport for AB-320 type of aircraft by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Adampur	Inauguration of Development of Civil Enclave at Adampur airport by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Aligarh	Inauguration of Development of Aligarh airport by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Azamgarh	Inauguration of Development of Azamgarh airport by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Chitrakoot	Inauguration of Development of Chitrakoot airport by Hon'ble Prime Minister of India Sh. Narendra Modi.	Mar-24
Shravasti	Inauguration of Shravasti airport at the Cost Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Moradabad	Inauguration of Development of Moradabad airport by Hon'ble Prime Minister of India Sh. Narendra Modi	Mar-24
Sarsawa	Inauguration of Development of Sarsawa (Saharanpur) Airport	Oct-24

2. **Capital Schemes Completed from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	Completion Date
Gorakhpur	Expansion of Passenger Terminal Building at Gorakhpur Civil Enclave, Gorakhpur	18.29	Mar-24
Safdarjung	Construction of Combined Operational Offices for DGCA, BCAS, AAIB, AERA & AAI at Safdarjung Airport, New Delhi.	328.13	Mar-24
Jodhpur	Construction of New Apron at Jodhpur Airport (Balance portion) Phase - II	9.79	Apr-24

Jammu	Construction of Boundary Wall at Belicharana side for new Terminal Building at CA Jammu.	7.22	May-24
Amritsar	SITC of In-line Baggage Handling System including modification of existing Departure Conveyer System for installation of CTx System at Amritsar Airport.	4.30	Jul-24
Khajuraho	Construction of Turn Pad and fillets for Link Taxi track for B777-300ER type aircraft at Khajuraho Airport	7.54	Jul-24
	Recarpeting and raising on 4th quarter of Runway 19 side at Khajuraho Airport.	9.86	Sep-24
Dehradun	Construction of Domestic Passenger Terminal Building at Dehradun Airport	490.24	Sep-24
Safdurjung	Construction of Boundary Wall at Safdarjung Airport	6.68	Sep-24
Kangra	Construction of drain and covering of existing drain in basic strip & operational area at Kangra Airport.	6.39	Nov-24
Hisar	Development of Integrated Aviation Hub at Hisar Airport Phase-2 work. SH: Provision of Compact Substation and Power Supply for Nav-Aids Installations and MET Parks.	6.73	Dec-24

3. **Capital Schemes under progress from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	PDC
Hisar	Construction of Integrated Terminal Building, Cargo Terminal, ATC Tower cum Technical Block, Fire Station Building with Fire Control Tower, including Ancillary Buildings like Office Building, Maintenance Building, Security Building, Sub-Station Building, A/C Plant, Pump Room, MT Pool cum Workshop etc. City and Air side Development around Building, Car Parking etc. and other associated works at Hisar Airport.	660.80	Apr-27
Kullu	Construction of RCC Boundary Wall in Operational Area along Beas River side at Kullu Manali Airport.	7.78	Feb-25
Jodhpur	Construction of New Apron at Jodhpur Airport (Balance portion) Phase - II	9.79	Apr-24
Kangra	Construction of drain and covering of existing drain in basic strip & operational area at Kangra Airport.	13.32	Mar-25

Jammu	Construction of New Civil Enclave at Jammu Airport	861.37	Jun-26
	Construction of New Civil Enclave at Jammu Airport (Phase-l). SH: Construction of Apron and associated works for parking of 13 Nos. AB- 321 type of Aircraft		Nov-25
Leh	Construction of New Terminal Building at Leh Airport.	640.00	Oct-25
	Construction of Terminal Building & associated works at Leh Airport. SH: Provision Of Baggage Handling System along with CT-EDS.		
	Construction of Terminal Building & associated works at Leh Airport. SH: Provision of structural glazing system in the New Teminal Building		
Jodhpur	Construction of New Terminal Building at Jodhpur Airport	480.00	Jun-25
Kishangarh	Construction of drainage system at Kishangarh Airport.	8.40	Jan-25
Udaipur	Construction of New Integrated Passenger Terminal Building at Udaipur Airport	887.00	Sep-26
	Installation of New standalone MSSR for replacement of standalone MSSR at M.P. Airport, Udaipur	10.60	Jul-25
Ayodhya	Development of Ayodhya Airport.	328.00	Mar-25
	Sh. Construction of Pre-Engineering Building (PEB) and other associated works on Design & Build Basis (EPC)		
	Development of Ayodhya Airport, Uttar Pradesh.		
	Sh. Pavement, Grading and other in operational area on Design & Build Basis (EPC)		
	Development of Ayodhya Airport.		
	SH: Providing and fixing Glass Fibre Reinforced Concrete elements on Terminal Building.		
	Construction of Boundary wall around Phase-III at Ayodhya Airport, Ayodhya.		
Agra	Construction of New Terminal Building at Agra Airport Sub-Head: Construction of New Integrated Terminal Building and Allied Works on Engineering Procurement and Construction (EPC) Mode.	579.00	Jul-26
Varanasi	Development of Lal Bahadur Shastri International Airport, Varanasi. Package - I: Construction of New Terminal Building and Allied works on Engineering Procurement and Construction (EPC) Model	2869.65	Jul-27

Prayagraj	Development of New Terminal Building, Expansion of Apron, Second Link Taxi Track at Prayagraj Airport.	274.38	Jun-25
Saharanpur	Development of Sarsawa (Saharanpur) Airport on Design and Build Basis, SH Construction of Pre-Engineered Terminal Building and Associated Works	66.43	Jan-25
	Development of Sarsawa (Saharanpur) Airport. SH: Construction of Apron, Taxi Track and Associated Works.		May-24
Dehradun	Augmentation of drainage system at Dehradun Airport	30.03	Mar-25
Fursatganj	Development of Fursatganj Airport at Uttar Pradesh for RCS Operations SH: Construction of Pre-Engineered Terminal Building, i/c Civil, Electrical, Plumbing, Fire Fighting, HVAC, Airport System, IT System, Art Works, Ancillary Buildings, Car Parking, City Side Development & Other Associated Works on Design & Build Basis.	25.17	Mar-25
	Development of Fursatganj Airport at Uttar Pradesh for RCS Operations. SH: Construction of Apron, Taxi Track and associated works		Dec-24

4.   **Projects under Planning from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Cost (In Crores)
Delhi	Re-development of Fire Training Centre at Rangpuri New Delhi. SH:-C/o Admin & Academic Block, Hostel Block, ancillary building and other associated works.	136.13
Halwara	Development of Civil Enclave Halwara Airport.	425.00
Kangra	Extension of Apron at Kangra Airport-2024.	13.09
Thoise	Development of New Civil Enclave at Thoise (Ladakh).	130.70
Kishangarh	Construction of Apron & Taxiway at Kishangarh Airport.	17.78
Kota	Construction of Greenfield Airport at Kota.	1000.00
Ayodhya	Development of Ayodhya Airport (Phase-II). SH-Architectural and Engineering Consultancy Services for Construction of New Terminal Building, Ancillary Buildings, Car Parking, City side Development and other associated works at Ayodhya Airport.	1735.00
Gorakhpur	Development of Civil Enclave at Gorakhpur Airport.	1175.00
Srinagar	Construction of New Integrated Terminal Building and Allied works i.e. Extension of Apron, Residential Quarters for AAI staff, CISF Barracks at Srinagar Airport.	1667.00

SOUTHERN REGION

1. **Foundation Stone / Inauguration of building or facilities from 01.01.2024 to 31.12.2024**

Foundation Stone		
Project- site/ Airport	**Particulars**	**Date**
Belagavi	Foundation Stone laying for Construction of New Domestic Terminal Building and Miscellaneous works at Belagavi Airport by Hon'ble Prime Minister.	Mar-24
Hubballi	Foundation Stone laying for Construction of New Domestic Terminal Building and Miscellaneous works at Hubballi Airport by Hon'ble Prime Minister.	Mar-24
Kadapa	Foundation Stone laying for Construction of New Domestic Terminal Building and Miscellaneous works including Maintenance, Operation and AICMC at Kadapa Airport at Kadapa Airport by Hon'ble Prime Minister.	Mar-24

Inauguration		
Project- site/ Airport	**Particulars**	**Date**
Tiruchirappalli	Inauguration of Upgradation of Passenger Terminal Building and Airside facilities at Tiruchirappalli (Trichy) International Airport by Hon'ble Prime Minister.	Jan-24
Hyderabad	Inauguration of Civil Aviation Research Organization(CARO), Hyderabad at the Cost of Rs. 354 Cr. by Hon'ble Prime Minister of India	Mar-24

1. **Capital Schemes Completed from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	Completion Date
Trichy	Construction of Surface Car Parking and Associated works at Tiruchirappalli Airport, Trichy.	43.90	Mar-24
Chennai	Construction of Residential Quarters at Chennai Airport.	216.71	Jun-24
	Construction of Balance Portion of 2 Nos. Rapid Exit Taxiways (RET) for the main runway 07/25 merging with B- taxi track (beyond Critical portion of runway) and resurfacing between Taxiway-D and Taxiway -M and associated works at Chennai Airport, Chennai.	42.14	Jul-24
	Construction of balance portion of Link taxiway's 'N1' and 'F' connecting with B taxi, Resurfacing of B taxi way Between 'K' taxiway to 'M' taxiway and construction of cargo bays in the Old ceremonial lounge and Air India Cargo location at Chennai Airport, Chennai	12.79	Jul-24

Calicut	Reconstruction of weaker sections Security compound wall of operational area-Ph-III at Calicut Airport	7.20	Jul-24
Hyderabad	Resurfacing and Strengthening of runway at Begumpet Airport. SH: Resurfacing of runway and other pavement works at Begumpet Airport, Hyderabad	51.81	Jul-24
Madurai	Construction of Pre-Cast Operational Boundary Wall, Property Wall, at Madurai Airport	22.05	Aug-24

3. **Capital schemes under progress from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Approved Cost (In Crores)	PDC
Vijayawada	Construction of NITB including Apron, ATC Tower and associated works at Vijayawada Airport.	611.80	Jun-25
Tirupati	Construction of ATC tower cum Technical Block at Tirupati Airport	58.64	Jan-25
Kadapa	Construction of New Domestic Terminal Building Building and miscellaneous works including maintenance, operations and AICMC at Kadapa Airport	265.91	Jan-26
Rajahmundry	Construction of New Domestic Terminal Building and miscellaneous works including Maintenance, Operation and AICMC at Rajahmundry airport	347.15	Aug-25
Calicut	Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport. SH: Construction of embankment with slope protection, drainage system and associated works for additional RESA on either end on Runway 10-28.	484.57	Sep-25
Belgavi	Construction of New Domestic Terminal Building and miscellaneous works at Belgavi Airport	322.45	Feb-26
Hubli	Construction of New Domestic Terminal Building and Miscellaneous works at Hubli Airport	320.47	Jan-26
Madurai	Construction of Technical block cum ATC Tower at Madurai Airport.	99.02	Jan-25
	Grading of operational area on south side of runway i/c construction of drain.	21.89	Jun-25
Trichy	Construction of New ATC Tower cum Technical Block & Utility/Service Block including Operation & Routine Maintenance and all Inclusive Comprehensive maintenance contract (AICMC) at Trichy Airport.	80.17	Mar-25

Tuticorin	Development of Tuticorin Airport: Extension of Runway With Blast Pad, RESA, Taxiway, Apron, GSE Area, Isolation Bay and miscellaneous Works.	380.87	Mar-25
	Construction of New Terminal Building, ATC Tower cum Technical Block, Fire Station and Associated works including Maintenance, Operation and AICMC at Tuticorin Airport.		
	Construction of compound wall in under acquisition of additional land of 96.77 acres on 10 and 28 side	9.56	Mar-25
	Construction of perimeter road in the newly acquired additional land of 96.77 acres on 10 and 28 side	6.79	Apr-25
Agatti	Development of Agatti Airport SH: Re-surfacing of Runway at Agatti Airport.	33.71	May-25
Kalaburagi	Construction of Perimeter road in balance segments including widening of existing perimeter road from fire station to fire pit at Kalaburagi Airport.	27.94	Mar-25
Chennai	Modernization of Chennai Airport (Phase-II), Chennai Airport.	2467.00	Part 1: Works completed & inaugurated by Hon'ble PM on 08.04.23 Part 2 : March 2026
	Reconstruction and strengthening of 'H' taxi track, 'E' taxi track for code 'E' aircraft operations, Construction of link taxi track from RET – M to 'H' taxi track in domestic apron, resurfacing of secondary runway and allied works at Chennai Airport, Chennai.	53.66	Aug-25
	Modification of Storm Water Drain in operational area at Chennai Airport.	209.10	Aug-25
	Refurbishing of T1 & T4 for Capacity Enhancement at Chennai Airport	81.80	31.03.2025 (T-1 East & West & T-4 West) 30.08.2025 (T-4 East-dependent with M/s L&T work)
	Development of infrastructure for City side Traffic flow Management with Plaza	28.72	Jan-25

	Construction of Compound Wall for Land Newly Handed over by the State Government (Phase -III) 16.49 acres at Kolapakkam Village and 9.60 acres at Runway 12 side at Chennai Airport, Chennai	14.87	May-25
	Construction of Barracks for CISF accommodation (Phase-III) at Chennai Airport i/c Electrical works	43.76	Feb-26
	Providing canopies on the city side of Terminal Buildings at Chennai Airport	6.82	Mar-25
	Construction of CCR Hall near SMR in Operational area at Chennai Airport Chennai.	14.84	Sep-25
	Modernization of Chennai Airport (Phase-II), Chennai Airport. SH: Provision of in-line Baggage Handling system at Chennai Airport	445.59	Dec-25
	Providing of Apron Drive Glass Walled Passenger Boarding Bridge (PBB) and Advance Visual Docking Guidance system (AVDGS) for various Airports in India (For 90 nos. PBBs)	239.99	Jun-26
	Modernization of Chennai airport (PHASE-II), Chennai. SH : Design, Manufacture, Supply, Installation, Testing and Commissioning of Signage	10.72	Dec-25
	MODERNISATION OF CHENNAI AIRPORT PHASE-II. SH : Interior Electrical Lighting Works.	31.82	Dec-25
	SITC of 20 Nos of RADAR and accessories. SH: : Construction of ASR collocated MSSR and Antenna Tower at Chennai Airport.	10.60	Jun-25
	Construction of New HF Transmitter Building at Mugalivakkam, Chennai. SH: Civil & Electrical works.	7.93	May-25
	Augmentation of Power Supply System at ATS Complex and ASR/MSSR by replacing DG sets and LT panels at Southern Region, Chennai Airport. SH: Replacement of DG Sets, LT Panels and Associated Works.	9.23	May-25
Hyderabad	Widening of Perimeter road including construction of perimeter road at left out portion at Begumpet Airport, Hyderabad.	9.56	May-25
Vellore	Construction of Operational Boundary wall at Vellore Airport	10.18	Dec-25

4. Projects under Planning from 01.01.2024 to 31.12.2024

Project-site / Airport	Particulars	Cost (In Crores)
Belgaum	wall to wall grading of operational area	10.00
Belgaum	Resurfacing/Strengthening of Runway at Belagavi Airport	10.00
Chennai	Construction f 8 Nos. RET 's for runway 07-25and 3 Nos. of RET fo runway 12-30, Extension of Parallel Taxi-Track'R' with Link taxi track , Link Taxi Track -K1 at Chennai Airport (Civil+ Electrical)	480.00
	Providing false ceiling and replacing of floor tile	27.32
	Improvement of CBR in basic strip of runways	150.00
	Conversion/ improvement to RESA of both main and secondary Runways.	5.28
	Tunnel work/underpass for utilisation of remote apron on other side of main RWY	1500.00
	Re-alignment of immigration counters at arrival and departure area including providing additional counters at T-2 Terminal, Chennai Airport	9.40
	Replacement of AHUs of T1 Terminal Buildings at CIA (Phase-III)	5.01
	Replacement of distance coded CAT-I approach lighting system with Barrette type approach lighting system for RWY 07 at Chennai Airport	5.00
	Shifting of CCR Hall to Operational Area (Civil + Electrical)	10.00
	Replacement of Existing Truncated Distance Coded CAT-I Approach Lighting System with Barrette Type Approach Lighting System at Runway 25 at Chennai Airport	8.79
	Providing false ceiling and replacing of floor tile SH: Replacement of flooring at Terminals T-1 & T-4 of Chennai Airport, Chennai.	27.20
	Procurement of Three Seater Airport Terminal Chairs at Chennai International Airport, Chennai.	9.26
Coimbatore	Construction of Boundary Wall for newly acquired land for NITB Ph II (C+E)	51.31
	Development of Coimbatore Airport. SH : Runway Extension, Construction of boundary wall, perimeter road and other allied Civil & Electrical works at Coimbatore Airport	100.00
	C/o Technical Block cum Control Tower Building Project	80.00
	Construction of New Integrated Cargo Complex Project	40.00
	Construction of Administrative block at Coimbatore Airport.	45.00
	Upgradation of Coimbatore Airport	11.00

Cuddapah	Construction of perimeter road for the newly acquired land at 29 end of Runway at Kadapa Airport	12.31
Hubli	Expansion of Apron for additional 6 parking bays	25.00
Kalaburgi	Wall to Wall Grading in operational area at Kalaburagi Airport	5.00
	Grading of area at beyond RESA Runway 27 side at Kalaburagi Airport	5.00
Mysore	Development of Mysore Airport. SH: Diversion of road by NHAI	496.78
	Strengthening of Runway Shoulders - Airbus 320 operations	8.50
Thanjavur	Construction of Taxiway, Apron and GSE area (Civil works).	12.30
	Development works (Approach road, Car park, Water supply, Drainage lines & major electrical works etc)	12.50
Tiruchirapalli	Construction of Perimeter Road and Drain for the newly acquired land at Trichy Airport.	11.00
	Provision of Fixed Link Bridge (FLB), Node building and additional 5 Nos Passenger Boarding Bridge (PBBs) for NITB at Trichy Airport.	27.00
Tuticorin	Construction of Open Storm water drain in the left-over portion of newly acquired land	23.00
Vijayawada	widening of perimeter road at Vijayawada Airport	15.00

WESTERN REGION

1. **Foundation Stone / Inauguration of building or facilities from 01.01.2024 to 31.12.2024**

Inauguration		
Project- site/ Airport	**Particulars**	**Date**
Jabalpur	Inauguration of New Terminal Building at Jabalpur Airport.	Mar-24
Kolhapur	Inauguration of New Terminal Building at Kolhapur Airport	Mar-24
Pune	Inauguration of New integrated Terminal Building at Pune Airport.	Mar-24
Solapur	Inauguration of of Solapur Airport.	Sep-24
Rewa	Inauguration of Development of Rewa Airport, Madhya Pradesh	Oct-24

2. **Capital Schemes Completed from 01.01.2024 to 31.12.2024**

Project-site / Airport	Particulars	Completed Cost (In Crores)	Completion Date
Bhopal	Construction of ATC Tower, fire station, anti-shop, emergency medical at Raja Bhoj Airport, Bhopal.	38.41	Jan-24

Gondia	Construction of Operational Boundary Wall at extended portion of Runway 22 and DVOR at Birsi Airport, Gondia.	5.1633	Feb-24
Kolhapur	Construction of New Domestic Terminal Building, ATC Tower cum Technical Block cum Fire Station and Associated works at Kolhapur Airport.	266.02	Apr-24
	Construction of balance operational boundary wall, fire pit, cooling pit, overhead tank and underground static tank at Kolhapur Airport.	6.45	May-24
Vadodara	Resurfacing of Runway and Taxiway at C.A. Vadodara.	24.22	Jun-24
Indore	Construction of New ATC Tower cum Technical Block, Fire station and other associated works at DABH Airport, Indore	53.42	May-24
Rewa	Development of Rewa Airport, Madhya Pradesh SH: Detailed Designing, Engineering, Procurement and Construction of Airport infrastructure for operation of ATR 72 type of Aircraft.	55.69	May-24
	Extension of Runway, C/o Apron, Taxiway, Perimeter Road, Approach Road and associated works	37.90	Jul-24
Jabalpur	Upgradation of Jabalpur Airport to make it suitable for operation of AB-320 type of Aircraft.	405.30	Jul-24
Satna	Development of Satna Airport for 19 Seater Aircraft. SH: Re-surfacing of Runway, Construction of Apron, Blast Pad, GSE Area, Link Taxiway, Approach road from Fire Station, City side roads & Car Park etc		Jun-24
	Development of Satna Airport for 19 Seater Aircraft. SH: Detailed Designing, Engineering, Procurement and Construction of New Passenger Terminal Building cum ATC Tower, ESS Building, Fire Station & Fire Pit, Boundary Wall and Cooling Pit and Associated Electrical Works including Maintenance, Operation & AICMC.	34.49	Oct-24
Rajkot	Construction of Greenfield Airport at Hirasar (Rajkot).	1303.55	Oct-24

Solapur	Development of Solapur Airport for VFR Operations. Sub Head: - Re-carpeting of Runway and Taxiway, Extension of Existing Apron, Perimeter Road and operational drain work at Solapur Airport.	46.73	Jul-24
	Development of Solapur Airport for VFR Operations. Construction of Shed of CFT & Ambulance, Fire Offices, Arrival and Security Hold Toilets, Card Park, FRP STP of 10 KLD, Fire Pit, Relocation of Cooling off Pit, Electrical works and Miscellaneous works of Terminal Building at Solapur Airport		Nov-24
Bhopal	Upgradation of Existing CAT-I to CAT-II Approach Lighting System (Runway 30) at Raja Bhoj Airport, Bhopal.	6.42	Nov-24

3. Capital Schemes under progress from 01.01.2024 to 31.12.2024

Project-site/ Airport	Particulars	Approved Cost (In Crores)	PDC
Dholera	Development of New Greenfield Airport at Dholera, Ahmedabad (Gujarat).	1305.00	Dec-25
Surat	Extension of Terminal Building at Surat Airport.	353.25	Sep-23
	Extension of Apron and construction of Parallel Taxi Track at Surat Airport.		Feb-25
	Construction of Canopy in front of terminal building at Surat Airport.		Jan-24
	Reconfiguration of existing Terminal Building at Surat Airport.	49.80	Jun-25
Goa	Extension of Existing Integrated Terminal Building at Goa Airport.	255.69	Mar-25
	Modification of MLCP building into office building at Goa Airport.	14.75	Jan-25
	Balance work of Construction of CISF Barracks including Kote, Armory, Ammunition etc. and Dog Kennel at CE Goa.	10.07	Jan-25
Bhopal	Civil works related to installation of CAT-II facilities i/c ext. of RESA at runway 30, extension of basic strip towards 3 EME centre with constructio n of boundary wall, perimeter road and other works at Bhopal Airport.	14.92	Jan-25
	Construction of Parallel Taxi Track, Link Taxi and Rapid Exit Taxi at Raja Bhoj Airport, Bhopal	116.97	Jun-26

	Re-configuration of Existing Terminal Building at Raja Bhoj Airport Bhopal. SH: Civil works related to Modification of Lower Ground Floor into Arrival Hall	23.49	Feb-25
	Construction of New Fire Station at Raja Bhoj Airport,Bhopal.	17.53	Mar-25
	Construction of new MSSR building and RCC Tower for Antenna including internal electrical work at Raja Bhoj Airport, Bhopal.	7.50	Feb-25
Datia	Development of DATIA Airport for operation of 19 seater Aircraft. SH: Pavement Works		Oct-24
	Development of DATIA Airport for operation of 19 seater Aircraft. SH: Detailed Designing, Engineering, Procurement and Construction of Terminal Building, ATC Tower and other associated works	44.67	Jan-25
Indore	Reconfiguration of Integrated Terminal Building & Renovation of Old Terminal Building at D.A.B.H. Airport, Indore. SH: Civil & Internal Electrical Works.	42.54	Apr-25
	Re-surfacing of Runway & Taxiways at D.A.B.H. Airport, Indore	32.00	Dec-25
Pune	Construction of BSO Yard shed, CWE Office etc. including Electrical works for IAF at Pune.	24.58	Jan-25
	Reconstruction of Old Terminal Building at Pune Airport. SH: Civil & Electrical Work.	14.50	May-25
Shirdi	Re-carpeting of Runway and Taxiways(Civil and electrical works) at Shirdi Airport	61.58	May-25
Nagpur	Re-carpeting of Runway, Taxiway and Isolation Bay (Civil & Electrical works) at DBAI Airport, Nagpur. - Deposit work	58.00	May-25

4. **Projects under Planning from 01.01.2024 to 31.12.2024**

Project- site/ Airport	Particulars	Cost (In Crores)
Bhopal	Cons. combined offices for DGCA, BCAS and AAI at Bhopal Airport.	36.00
Indore	Apron, Runway, PTT, Isolation on Extension	96.00
Kandla	Construction of New Domestic Terminal Building at Kandla Airport	71.92
	Re-carpeting of Runway, Taxiway, Apron, perimeter road along with construction of runway shoulder, blast pad, perimeter road shoulder and RESA extension at C.A. Kandla.	18.77

	Construction of ATC tower cum technical block	15.00
	Extension of Apron	10.00
Keshod	Extension of Runway, New Domestic Terminal Building with Parking, Apron with GSE Area, Link Taxi, ATC Tower cum Technical Block & Fire Station, Isolation Bay and Miscellaneous Works at Keshod Airport.	363.10
Kolhapur	Extension of Runway by 370m with BlastPad, Turn pad suitable for C type of Aircraft and other associated works (Civil & Electrical) at Kolhapur Airport.	318.00
Vadodara	Reconfiguration of Terminal building building at Vadodara Airport (Phase-II)	46.29

10. AI ASSETS HOLDING LIMITED & SUBSIDIARIES

10.1 AI ASSETS HOLDING LIMITED (AIAHL)

10.1.1 INTRODUCTION

AI Assets Holding Limited (AIAHL) is a 100% Government of India (GOI) Company, incorporated as a Special Purpose Vehicle (SPV) for the purpose of disinvestment of Air India with the objects, inter-alia, to warehouse accumulated working Capital Loans not backed by any asset along with four Subsidiaries AI Airport Services Limited (AIASL), Alliance Air Aviation Ltd. (AAAL), AI Engineering Services Ltd (AIESL) and Hotel Corporation of India Ltd. (HCI), non-core assets and other non-operational assets of Air India Ltd.

The Board of Directors comprises of the Chairman and Managing Director AIAHL and representatives as nominee Directors from the Ministry of Civil Aviation, Ministry of Finance, and Department of Investment and Public Asset Management (DIPAM).

The company operates from its registered office located on the 2nd floor of the AI Administration Building at Safdarjung Airport, New Delhi-110003.

10.1.2 AUTHORIZED AND PAID-UP CAPITAL

The Authorized Share Capital of the Company is Rs. 7,00,00,00,00,000 divided into 70,00,00,00,000 equity shares of Rs. 10/- each as on 31st March 2024. The Issued, Subscribed & Paid-up Share Capital of the Company was Rs. 6,29,65,45,00,000 divided into 62,96,54,50,000 equity shares of Rs. 10/- each as on 31st March 2024.

10.1.3 FINANCIAL PERFORMANCE (AIAHL STANDALONE)

(Rs. In million)

Particulars	FY 2023-24 Amount (provisional)	FY 2022-23 Amount
Total Income	14,317.08	12,262.46
Total Expenses	13,230.41	17,774.62
Profit/(Loss) before tax	1,086.67	(5,512.16)
Tax Expense 1. Current Tax 2. Provision for income tax 3. Deferred Tax	- - (3,760.44)	- - -
Profit/(Loss) for the year	4,847.11	(5,512.16)

The Consolidated Financial Statement for FY 2023-24 is under compilation.

10.1.4 NON-CONVERTIBLE DEBENTURES (NCDS)

The Company had issued Government of India guaranteed, three series of Non-Convertible Debentures (NCDs) aggregating to Rs.219,850 million in the year 2019 to refinance the identified debts of Air India Limited. NCDs are serviced from the budgetary support/ monetization proceeds for principal and interest payments. Series-1 NCDs of Rs. 70,000 million out of the three NCD series matured and was redeemed on 16th December 2022 from the Government grant fund. Series-2 and Series-3 NCDs aggregating to Rs. 149,850 million are due for redemption in October 2029.

10.1.5 SUBSIDIARY COMPANIES

Pursuant to the strategic disinvestment of Air India Limited in FY 2021-22, the shares of the following subsidiaries have been transferred

to AI Assets Holding Limited from Air India Limited.

1. AI Airport Services Limited - Wholly Owned
2. AI Engineering Services Limited -Wholly Owned
3. Alliance Air Aviation Limited -Wholly Owned
4. Hotel Corporation of India Limited -Company holds 80.38% Equity shares of Hotel Corporation of India Limited and the remaining 19.62% Shares are held by the President of India

10.1.6 ASSET MONETIZATION

A brief statement of activities carried out during the FY 2023-24 is as under:

i. Concluded Sale of two units of properties through e-auction in Delhi and Kolkata, one property at Khaikhali, Kolkata and one property at Mangalore. Sale Purchase Agreements executed. Gross Sale Value-Rs.341.1 mill approx.

ii. Compensation of Rs. 0.9 mill approx. received against surrender of one property at Siliguri. The property is yet to be handed over.

iii. Compensation of Rs.3.4 mill approx. received against surrender of one property (08) flats at Bhopal the property handed over on 23.02.2024.

iv. Compensation of Rs.28.9 mill, received against surrender of one property at Dibrugarh.

v. The following two properties returned back to Govt. of Odisha after obtaining the requisite approvals from AIAHL Board and Oversight Committee.

1. Residential Land & Bldg. for E-Type Staff Quarters, Unit-VIII, New Capital Area, Bhubaneswar, Odisha.
2. City Booking Office, Plot No. 8, Type-VII/2-7, Unit -I, New Capital Area, Bhubaneswar, Odisha.

vi. Surrender of one property i.e., CBO, Sy. No. 2309/5, Aberdeen Village, Tagore Road, Port Blair. (Land area-1700 sq. mtrs.) to Govt. of Port Blair is underway.

vii. Surrendered the following Buildings/ Structures under Schedule II B of RFA at various Airports to Airport Operators against total compensation of Rs. 15.4 mill approx.

1. Cabin Crew Training Hostel, Begumpet Airport, Hyderabad to AAI for Rs. 2.8 mill
2. Buildings/ Structures at HAL Bengaluru to AAI for Rs. 7.3 mill
3. Buildings/ Structures at T-1, IGI Airport, Delhi handed over to DIAL for Rs. 2.8 mill
4. AI Colony, Dum Dum Airport, Kolkata to AAI

viii. Various Buildings/Structures surrendered to MIAL at NTB, NITC, OAP at Mumbai Airport at Rs. 233.9 mill approx.

ix. Air India Specific Alternative Mechanism (AISAM) has approved the sale of Air India Building, Nariman Point to Govt. of Maharashtra at sale price of Rs. 16,010 mill. However, the sale transaction is yet to be completed.

x. Central Training Establishment, Hyderabad given on lease to Air India from 27.01.2024 to 31.07.2025 on monthly lease rent of Rs. 12.4 mill (Annually Rs. 150.0 mill approx.) plus applicable GST.

10.1.7 MEDICAL FACILITIES TO AI RETIREES

The Government of India decided to extend medical facilities to eligible Air India (AI) retirees and their spouses (including eligible retirees of AIESL and AIASL) through CGHS. Approx. 50,500 CGHS beneficiary cards as on 31.12.2024 have been issued to AI-eligible retirees and their spouses to enable them to avail medical facilities. OPD facilities through CGHS Wellness Centres and IPD facilities through CGHS empaneled hospitals have been extended to the beneficiaries. The expenses for the medical facilities are met out of the grant funds from Ministry of Civil Aviation (MoCA).

10.1.8 DISINVESTMENT

The Government of India has initiated disinvestment exercise for three subsidiaries of the Company- AI Engineering Services Ltd., AI Airport Services Ltd., and Alliance Air

Aviation Ltd. Roadshows in this regard have been conducted by DIPAM.

10.1.9 MANPOWER

The Company has recruited essential minimum manpower to manage the day-to-day activities. There are 15 Fixed Term Contractual employees as on the date and 11 employees are on deputation from subsidiary Companies as on 31st Dec 2024.

10.1.10 POLLUTION CONTROL

AIAHL is not involved in any pollution generation activity. All possible steps are being taken to control pollution in AIAHL. The office premises are always kept neat and tidy. Smoking is strictly prohibited in the office premises. Plants have been kept making the environment clean and green.

10.1.11 WOMAN WELFARE

The Company takes care of the Special needs of the woman employees at workplace, which include safe work environment, leaves and other facilities. As per the provisions of Sexual Harassment of Women at Workplace (Presentation, Prohibition and Redressal) Act, 2013 and rules framed thereunder, the Company has in place, an Internal Complaint Committee (ICC) for prevention, prohibition and redressal of Sexual harassment at workplace. Company has conducted POSH Training session of ICC members of the company and its Subsidiaries on 21st September 2023 and is in the process of organising another session in early 2025.

10.1.12 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESS MACHINERY.

AIAHL has designated a nodal Officer and PIO for handling Public Grievances under RTI Act, 2022 and to ensure timely disposal of RTI queries received by the Company.

10.1.13 SCHEDULED CASTE/SCHEDULED TRIBE/OTHER BACKWARD CLASS AND MINORITY REPRESENTATION IN EACH GROUP IN AIAHL

In AIAHL, DoPT directives are followed while making recruitment. In all the selection committees, a member from SC/ST/OBC and Minority community is also nominated. Currently AIAHL has only 15 Fixed Term Employees on its rolls. Out of 15, only 01 employee belongs to SC community.

10.1.14 VIGILANCE ACTIVITIES

The Vigilance Department, AIAHL strives to achieve the goal of "Zero Corruption" in AIAHL & its subsidiaries companies by collective participation of each & every employee and adherence to the highest standards of ethical behaviour at workplace.

Shri Nikhil Kumar Kanodia, IPS (OD:2003) has been appointed as Chief Vigilance Officer (CVO), AI Assets Holding Ltd. (AIAHL) and its subsidiaries w.e.f 06th Sept. 2024. His principal charge is as CVO, Airports Authority of India. The Vigilance Department has been persistently working towards making Anti-corruption measures more effective with Preventive Vigilance as a key thrust area. This year, as per the CVC directive, Vigilance Awareness Week 2024 was observed in AIAHL & its subsidiaries companies from 28th October 2024 – 3rd November 2024 with the following theme:

"Culture of Integrity for Nation's Prosperity".

As a prelude to VAW-2024, a three-month Campaign (16th August 2024 – 15th November 2024) was celebrated across AIAHL and its subsidiaries with the following Preventive Vigilance measures as focus areas:

a. Capacity Building Programmes.

b. Identification and implementation of Systemic Improvement measures.

c. Updating of Circulars / Guidelines / Manuals.

d. Disposal of complaints received before 30.06.2024.

e. Dynamic Digital Presence

The campaign concluded with success while sensitizing all in the organization regarding the significance of probity & integrity in public life as well as in personal attributes.

10.1.15 DEVELOPMENTAL ACTIVITIES IN NORTH EAST

AIAHL, a Special Purpose Vehicle, relies entirely on government grant funds and does not have any operations in the North-East region.

10.1.16 WELFARE OF SENIOR CITIZEN

AIAHL manages payments for the medical expenses of approximately 50,000 Air India retired employees and their spouses, most of whom are senior citizens, by utilizing government grant funds provided by MoCA.

10.1.17 FACILITIES TO PERSONS WITH DISABILITIES

AIAHL operates from rented premises owned by AAI at Safdarjung Airport in New Delhi.

10.1.18 CITIZEN CHARTER

At AIAHL, we uphold the standards of transparency, accountability, and integrity in all our operations. While we do not engage in any business activities, our primary focus is on managing and overseeing specific activities.

10.2 AI AIRPORT SERVICES LIMITED

10.2.1 INTRODUCTION

AI Airport Services Limited (AIASL) was operationalized in February 2013 and commenced its autonomous operations from F.Y 2014-15. The Company since its stand-alone operationalization has been a profitable company excepting the FY 2020-21. During the FY 2020-21, the operations of the Company were majorly affected due to the advent of the COVID-19 pandemic. However, the company was turned around to make profits from the next FY 2021-22 onwards, and continued its profitability, in the FY 2022-23, the Company earned a restated profit of Rs. 623.27 Million and in the FY 2023-24, Company made a profit of Rs.404.26 Million.

AIASL boasts the largest inventory of Ground Support Equipment (GSE), complemented by a highly skilled workforce with extensive expertise in ground handling services. Our capabilities extend to handling all types of corporate jets, as well as passenger and freighter aircraft, including the A380, A350, and B777 Max, ensuring seamless operations across all aircraft categories.

AIASL has the largest and widest ground handling presence for providing ground handling and related services at about 150 airports in India. AIASL-served Airports include the highest altitude and snow-clad airports at Leh & Thoise, the desert airfield at Jaisalmer, Island airports in Agatti & Port Blair, and table-top airports at Kozhikode & Kannur, demonstrating AIASL's capability to operate in varied and demanding environments across the country. This broad network showcases AIASL's capability to deliver reliable ground handling and related services across India's most varied and demanding terrains, ensuring seamless connectivity even in the most remote locations. AIASL presence can be seen in the below chart:


### 10.2.2 PERFORMANCE OF THE COMPANY
FINANCIAL

During FY 2023-24, the total revenue of the Company was Rs.8,759.78 million as against the total revenue of Rs.9,322.98 million during FY 2022-23. The total expenses were Rs. 7988.73 million as against expenses of Rs.8350.01million during FY 2022-23. Profit earned before tax during the year ended 31st March 2024 was Rs.771.05 million against the

Profit before Tax of Rs.972.97 million during FY 2022-23. The Net profit earned during the

period was Rs.404.26 million as against the restated Net Profit of Rs.623.27 million during FY 2022-23. Further financial Performance for the period from 01.01.2024 to 31.12.2024 duly supported by the chart is given below:
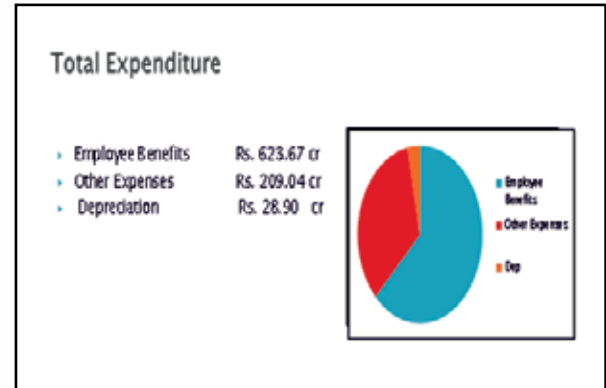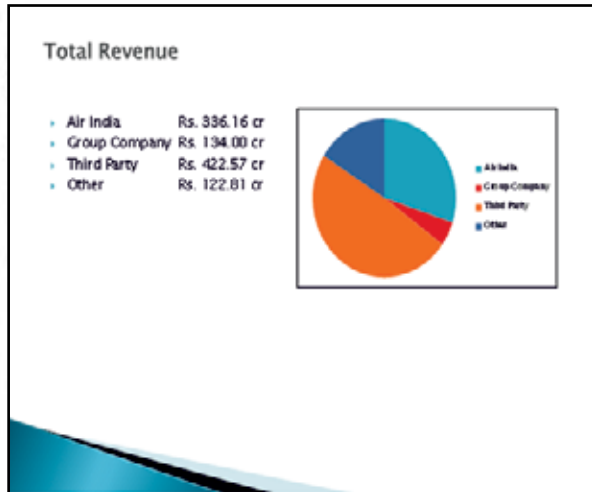
Detail of manpower month-wise
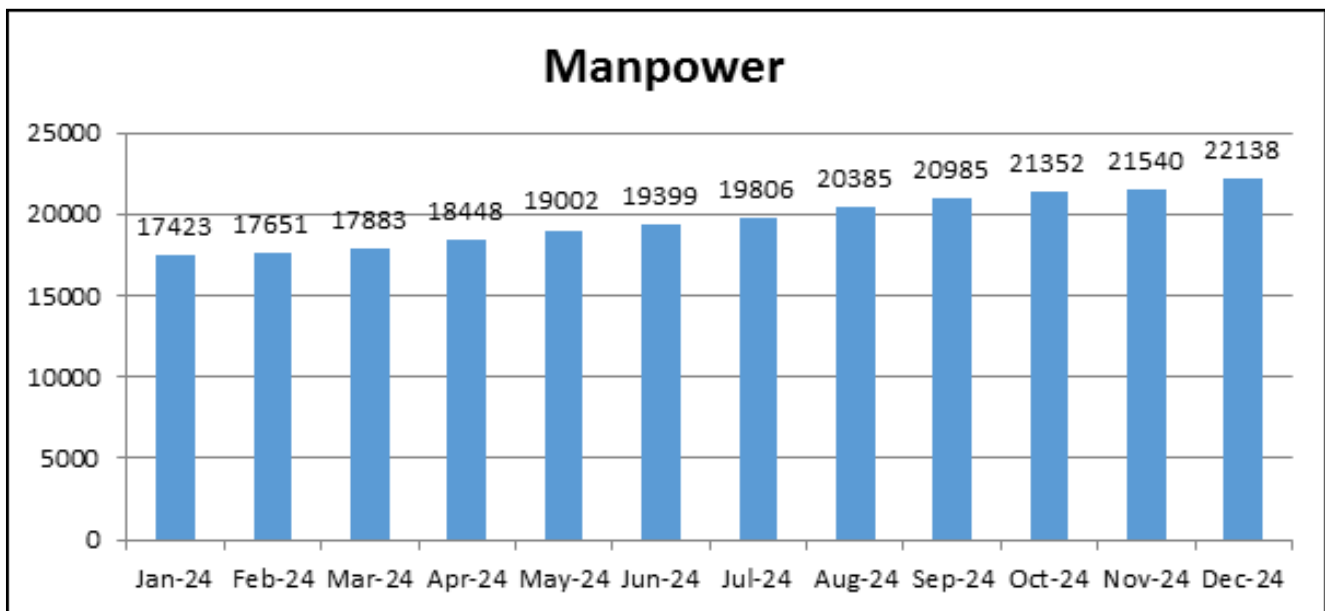
10.2.3 OPERATIONAL

AIASL handled 138770 flights (AI Group Flights & Alliance Air) during the calendar year i.e. 01.01.2024 to 31.12.2024. Similarly, AIASL handled 48626 flights of Scheduled Client Airlines during the calendar year i.e. 01.01.2024 to 31.12.2024, and also handled 22568 flights of Non- Scheduled Operators & 172 Flights for HAJ operation during the calendar year i.e. 01.01.2024 to 31.12.2024 (provisional figures)

In the current scenario, Ground handling (passenger, ramp, and cargo) is provided to 6

Indian scheduled airlines (including AI Group – Air India & Air India Express flights); 5 Regional Airlines (including Alliance Air flights); 1 domestic cargo airline; 65 foreign scheduled airlines, 4 seasonal charter airlines and 22 foreign airlines availing (APEDA) perishable cargo handling apart from Non-Scheduled handling.

AIASL is having a Joint Working Group (JWG) arrangement, in association with M/s HAL at HAL Airport, BLR to handle all the Defense aircraft at that airport. AIASL is also handling

A-321 aircraft, recently acquired by DRDO/IAF from Air India, for transporting Defense Personnel across the network.

Cargo Warehouse Management at MAA & BOM:

o AIASL manages and operates International Cargo Warehouses at both Mumbai and Chennai Airports on behalf of Indian Customs. With continuous efforts, AIASL has secured Regulated Agent (RA) status from BCAS for its Chennai Cargo Warehouse and further, the documents for getting a similar RA status from BCAS for the Mumbai Cargo Warehouse, have also been submitted with the BCAS.

o Further, AIASL has been granted RA3 status for both Chennai and Mumbai Cargo Warehouses, this would facilitate the carriage of cargo to UK, Europe and other EU countries directly from here, after the screening.

o AIASL is also providing cargo handling services at almost all the domestic airports in India, wherever authorized.

Additionally, AIASL also provides cabin cleaning, deep cleaning, and cabin dressing services for Air India Group companies, Alliance Air and other client airlines.

VVIP / SESF / Defense Flights

AIASL is privileged to provide Ground Handling Services and handle the VVIP flights of the Hon'ble President, Vice President, and Prime Minister of India, as AIASL has been appointed as the sole ground handler by the Indian Air Force for the handling of SESF/VVIP flights at all Indian domestic and International airports (including Civil Enclaves, and Defense Enclaves Airports). It also handles all flights on behalf of defense forces at all Indian airports like IAF, BSF, Indian Navy, DRDO, HAL, NSG, etc. AIASL has been discharging GH functions after taking over successfully from Air India, following the appointment of AIASL as the sole Ground Handling Agency by the Indian Air Force for coordinating, arranging, and ensuring the handling of SESF/VVIP flights at all foreign airports (Overseas).

In line with the long pending demand of Air India and their group Companies like Air India Express, Air Asia and Vistara, (now managed by Tata), and other major client Airlines, besides various Airport Operators, AIASL has embarked upon upgrading the aging Ground Support Equipment (GSEs). AIASL is finally in the process of giving a facelift to existing GSEs by adding a sizeable number of branded and brand new GSEs, by spending a sizeable amount over two years.

10.2.4 ACTIVITIES OF AI AIRPORT SERVICES LIMITED

AIASL provides Comprehensive Ground Handling services to AI Group (Air India & Air India Express Limited), Alliance Air Aviation Limited (Group Company), and many Domestic & Foreign Airlines, Cargo Charters Operators, and Non-Schedule Operators at various airports in India. AIASL also operates cargo warehouses one each at BOM & MAA.

AIASL is a leading ground-handling service provider in India and offers ground-handling services at about 150 airports (including civil airports and civil enclaves) in India. AIASL presently has a presence at 85 airports and arranges the ground handling services at additional 33 airports on request. Besides, AIASL also offers Ground Handling services at Defense Enclaves (Airports) for all defense aircraft.

The services can be majorly identified as:

• Passenger Handling / Ramp Handling / Cargo Handling / Cabin Services / Station Management

• Cargo warehouse handling at BOM & MAA as at present and any other airports in the future.

• Ground Handling Services to Subsidiary Companies – Alliance Air Aviation Ltd & AI Engineering Services Ltd.

• Non-scheduled flights Handling of Domestic & International Private Charter flights - PAN India basis.

• Special Extra Section Flights (SESF) of Indian Air Force (IAF) – Domestic & International.

• Non-SESF Domestic Handling of Govt.

Agencies (Indian Air Force, Indian Navy, Border Security Forces, NSG Charter) etc.

- HAL – AIASL Joint Working Group at Bengaluru, HAL Airport.

As per MOCA's direction that outsourcing will not be permitted at airports due to security reasons effective 31 December 2016, and non-entities (GHAs) exited totally w.e.f 15th August 2021, AIASL takes pride in implementing the Government's decision at all the Operational Airports(where non-entities exited) in India where Ground Handling Services are provided by AIASL. There is NIL outsourcing of manpower as of date in AIASL.

10.2.5 OTHER DETAILS

Pollution Control

a. All the equipment are checked for pollution control

b. Purchase of all new equipment are carried out complying the BS-VI norms.

c. Battery / used Oils are disposed as per the Hazardous waste disposable guidelines & to authorized agencies.

d. Disposal of used papers for recycling is in process.

Women's welfare including gender budgetary data

AI Airport Services Limited has its presence at more than 82 Airports. There is a huge requirement of unskilled and semi-skilled staff i.e. Handyman and Utility Agent cum Ramp Driver. Except for these jobs like Handyman, Utility Agent cum Ramp Driver, etc which are highly labour-intensive jobs, where males are mostly engaged for the same, rest for all the other posts like Customer Service Executives, Jr. Officer-Passenger, Duty Officers, Duty Managers, Dy.Terminal Managers, Terminal Managers, etc., females are given equal opportunity. Split of figures on male & female are as given below:

Out of the total staff as on 22478 staff engaged on Fixed Term basis / Temporary basis, count of males is 19001 and that of females is 3477 and out of 574 staff transferred from Air India (permanent staff), count of males is 571 and that of females is 3.

The Company takes care of the special needs of the women employees at work place, which include safe work environment, rest room, leave & other benefits.

There is a mechanism to prevent sexual harassment at work place in line with THE SEXUAL HARASSMENT OF WOMEN WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013 which has been implemented in AIASL. Complaints Committees for investigation of complaints & prevention of sexual harassment of women employees of AIASL, have been constituted at the corporate level.

Steps taken to improve public grievance redress machinery

The public grievance are pertaining to staff affected due to non-receipt of full & final settlement or issues in PF withdrawals after separating from the company. These grievances have now reduced drastically. Internal machinery with procedures for resolving the issues of such issues is in place to enable the concerned HR and Payroll teams to complete the full & final settlement systematically. PF Cell has been advised to address the grievance of PF withdrawals urgently. PF Cell has been fortified with additional which was short staffed has been given additional and dedicated manpower for the same and now the joint declaration, death claims, and final withdrawals are being addressed immediately. Meetings with EPFO Commissioner in Bandra Office, Mumbai, wherein GM-GH & OSD-HR & AGM-HR HQ with the team of PF Cell with the Commissioner of EPFO & other officials of EPFO in Bandra, Mumbai has resolved many of the long pending issues amicably to the satisfaction of the employees.

Various "Aadhaar Seeding Awareness Camps" were organized in coordination with ESIC officials for the staff who are covered under ESIC so that the staff can be benefited of the ESIC benefits after Aadhar Seeding and registration which is a pre-requisite for getting ESIC benefits for self and their families.

SC/ST and OBC strength as on 01.01.2025:

Out of a total of 22478 staff (Fixed Term

Contractual basis and Temporary engagement basis), a number of staff engaged on Fixed Term contractual basis is 21970, and number of staff engaged on temporary / retired is 508. Staff engaged on fixed-term contractual basis is recruited through the open market as per the requirement at the station through publication in the leading English and local newspapers and publication on the company websites of AIASL and AIAHL. A strict Roster pattern is followed while conducting these recruitment exercises.

Details of representation of SC/ST and OBC in respect of these Fixed Term staff, in short, is as given below. A category-wise summary is given in the attached chart.

EWS	GEN	OBC	SC	ST	Total
24	10028	5836	5336	1254	22478

Details of representation of SC/ST and OBC in respect of permanent transferred staff, in short, is as given below.

General	OBC	SC	ST	Grand Total	Total
274	78	167	55	574	22478

Issues relating to development activities taken in the North East

Under the UDAN Scheme, the existing/new Airports have been inaugurated in the North East states/regions. Alliance Air is also deploying their Flights to operate into these newly opened–up airports besides expanding to other existing Airports in the Northeast region.

AIASL started recruiting human resources from the local areas of North East states/regions for the handling of such flights in these stations instead of deploying the people from Kolkata, which is regional H.Q. of AIASL.

Welfare of senior citizens

In accordance with the guidelines issued by Ministry of Social Justice & Empowerment, as envisaged in the National Policy on Older Persons, instructions have been issued to all concerned to ensure prompt, fair and humane treatment for older persons.

Facilities to Persons with Disabilities

Offers Equal opportunity for employment

vigilance Activities

Details concerning activities and achievement of vigilance department Can be provided by the Vigilance Department of AIAHL.

10.3 AI ENGINEERING SERVICES LIMITED

10.3.1 FINANCIAL PERFORMANCE AI ENGINEERING SERVICES LIMITED (AIESL)

During the financial year 2022-23, the company earned revenue amounting to Rs.2029 crores and consequently, PBT of Rs. 844 crores and PAT of Rs. 628 crores. Brief details of the same along with comparatives for the previous year are given below:

(Rs. In Crores)

Particulars	Financial Year ended 31.03.2024 (Estimated)	Financial Year ended 31.03.2023
Total Revenue	2141.54	2029.86
Total Expenses	1545.21	1418.81
Profit (Loss) before exceptional items	596.32	611.05
Add: Exceptional items	-259.50	233.42
Profit (Loss) before tax	336.82	844.47
Tax Expenses including deferred tax	99.87	216.00
Profit after tax	236.94	628.47
Other Comprehensive Income	-19.25	1.04
Total Comprehensive Income	217.68	629.51

10.3.2 NON-FINANCIAL PERFORMANCE AIESL

AIESL provided Line Maintenance Services to Air India Fleet along with various international operators namely Qatar Airways, Oman Airways, Singapore Airlines, Tiger Scoot, Malaysian Airlines Berhad, Air Asia Berhad, US Bangla, Biman Bangla, Druk Air etc. and domestic operators including AIX Connect (formerly known as Air Asia India), SpiceJet, Fly 91 and erstwhile TATA Vistara. In addition to domestic stations, AIESL has also providing Line Maintenance at International Stations like Kathmandu to Air India and AIX Connect. The Company is providing MRO services to Defense as well private sector operators. AIESL also carried out base maintenance & other related work for Domestic operators namely – Air India, AIX Connect, SpiceJet, Indigo Airlines in 2023-24. In addition, AIESL carried out major maintenance work for Aviation Research Centre (ARC), Indian Air Force, Indian Navy and DRDO. In 2023-24, AIESL undertook maintenance of private party's aircraft like – Reliance RCDL, Taj Air Charters, Zoom Air, Pradhan Air, Tashi Air and Blue Dart Aircraft. During the year 2023-24, AIESL has signed / renewed SGHAs (Standard Ground Handling Agreements) with Air Asia Berhad, Air India Limited, Thai Smile, Malaysian Airlines Berhad, Manta Aviation and AIX Connect etc. AIESL has completed Base Maintenance of B777 aircraft of Kuwait Airways & also preformed Major Check on B737 MAX aircraft of Spice Jet.

At present, AIESL is having approval from 13 foreign Civil Aviation authorities namely EASA, FAA, QCAA(Qatar), DGCA(Kuwait), CAAS (Singapore), CAASL (Sri Lanka), CAAN (Nepal), CAAM (Malaysia), SSCA (Cambodia), CAACI (Cayman Islands), DCA (Bailiwick of Guernsey), ECAA (Egypt) and BCAA (Bhutan).

AIESL has recently extended its network of domestic line stations by signing agreements with foreign airlines. New agreements have been signed for a total of 28 line stations with various international carriers like Scoot Airways, Royal Brunei, Thai AirAsia, Sky Angkor Air, Batik Malaysia and M-Jet.

10.3.3 SIGNIFICANT ACHIEVEMENTS OF YEAR-2024

1. MRO units of Mumbai and Thiruvananthapuram got FAA approval for base maintenance checks of B787-8 (GEnx)/ B737 MAX aircraft and Boeing 737-8/9 including 8200 (CFM Leap-1B) respectively. Also AIESL MRO units of New Delhi got FAA approval for base maintenance checks of A320 family aircraft.

2. EASA Audit has been successfully completed for TRV station base maintenance capability. Approval is expected to be awarded by February 2025.

3. C Check package for Tashi Air Bhutan A319 aircraft carried out at Kolkata for the first time. This is first international A320 family aircraft serviced by AIESL.

4. LEAP 1A engine RBS (Reverse Bleed System) modification and Phase-1 capability has been developed and approved by DGCA & FAA. BSI capability for Leap 1B engine has also been developed by AIESL.

5. AIESL Delhi unit successfully completed the Landing Gears Replacement of Pradhaan Air A320 Aircraft in optimal TAT.

6. AIESL ventures into business of Return to Service (RTS) of Lessor's aircraft which are grounded at various places in India due to Airline insolvency issues. Four Airbus A320 leased aircraft of ex- GO Air Return to Service has been done by AIESL till date.

7. AIESL has won the contract for cabin refurbishment for Qty. 50 of Air India Express B737NG aircraft.

8. AIESL Mumbai obtained DGCA approval for compliance of "D" check inspection on B787-8/-9 aircraft.

9. AIESL signed MOU with Pradhaan Air for providing comprehensive maintenance support.

10. AIESL signed agreement with Fly 91 for providing maintenance support for ATR 72 aircraft.

11. AIESL has been awarded a tender for Parking and Preservation of DRDO Airbus A319 aircraft for the period of one Year.

12. AIESL successfully performed onsite replacement of gear Box of CFM56-5B engine of A320 aircraft of Thai Air Asia airlines at Thailand.

13. Successfully performed Removal and Installation of Landing Gear of P8I aircraft of Indian Navy at Naval Air Station Rajali, Tamil Nadu.

14. Executed maintenance agreement with TWC Aviation in respect of its two B737 aircraft.

10.3.4 AIESL FUTURE PLANS

The company is planning to improve revenue generation by way of providing MRO services with Existing Capabilities to third parties (through aggressive marketing) and acquiring new Capabilities. AIESL has acquired FAA Base Maintenance Capability and in process of acquiring EASA approval for base maintenance at Thiruvananthapuram to capture Aircraft Redelivery Business. AIESL has already extended its MRO Services to the Defense sector such as DRDO/IAF/Indian Navy. AIESL has also participated in the bid of DRDO for conversion of Commercial Aircraft to Defense Mission aircraft. The company is in talks with OEM/STC holders for Passenger-to-Freighter Conversion of Narrow Body & Wide Body Aircrafts. AIESL is also exploring the business avenues in aircraft teardown & part harvesting business.

AIESL is also exploring business for painting of NB aircraft (Both A320 & B737 Family) at Nasik painting facility. Furthermore, AIESL is engaging in a collaborative effort (Joint Venture) with Boeing to provide in-house training for Part 147 for engineers. Additionally, discussions are underway between AIESL and AKASA Air for a Long-Term Maintenance contract to oversee the maintenance of their fleet.

The following measures are being taken by the AIESL to enhance its revenue through:

1. Collaborating with OEMs like CFMI to access technical data, tools, spares and support.

2. Expanding Foreign career's Line Maintenance to provide on-call and AOG support at multiple locations within India.

3. Getting globally recognized FAA and EASA Certification to align with international regulatory standards to attract more third-party International and domestic clients.

4. Having tie-ups with DRDO and Indian Air Force to support their requirements such as commercial to green aircraft conversion.

5. Creating verticals for Lessors to offer lease return services.

6. Providing cabin refurbishment services for client airlines to enhance passenger experience.

7. AIESL is extending its reach by engaging foreign market agents to boost visibility and improve client acquisition abroad.

AIESL's strategic measures, driven by the insights from its SWOT analysis, have significantly improved its market positioning. By combining internal strengths with external opportunities and mitigating weaknesses and threats, AIESL is on its way to becoming a globally recognized MRO leader.

10.3.5 SC/ST and OBC strength as on 31-12-2024

CATEGORY	TOTAL IN PERCENTAGE
General & EWS	48.25
Other Backward Caste	26.77
Scheduled Caste	19.21
Scheduled Tribe	5.77
Total	**100.00**

10.3.6 Vigilance Awareness Week Workshops and Programs.

TRAINING CONDUCTED DURING THE CAMPAIGN PERIOD

Sh. R.N Naik, Ex-Director, CVC, CEO-AIESL and Sr. Officials –AIESL attended the session /workshop on "Say no to corruption; commit to the Nation" in Conference room, Safdarjung Airport, New Delhi and at ER (Kolkata and WR(NEC). All Regional Heads along with other staff of the Region participated through video conferencing.

10.3.7 OTHER DETAILS

Pollution Control

a. All the equipment/vehicles are checked/ maintained for effective pollution control

b. Oils and chemicals used are disposed as per the Hazardous waste disposable guidelines & to authorized agencies.

c. Feasibility for utilizing electric vehicles for official purpose is also being explored.

Women's welfare including gender budgetary data

AI Engineering Services Limited offers equal opportunity to females and males for various posts such as Aircraft engineer, Aircraft technician, executives/officers/supervisors in various internal departments such as HR, Finance, Material management etc. Recently an all women team of AIESL pioneered in changing the heavy GenX engine of a Boeing 787 jet which is one of the largest aircraft flying in the world today.

The present strength of female staff in AIESL is given follows:-

Category of Employees	Female	Male	Total
Executives			
Non-Technical	19	40	**59**
Technical	18	371	389
Total	37	411	448
Non-Executive			
Non-Technical	136	833	969
Technical	279	3075	3354
Total	415	3908	4323
Grand Total	**452**	**4319**	**4771**

The Company takes care of the special needs of the women employees at workplace, which include safe work environment, rest room, leave & other benefits.

There is a mechanism to prevent sexual harassment at workplace in line with THE SEXUAL HARASSMENT OF WOMEN WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013 which has been implemented in AIESL. Complaints Committees for investigation of complaints & prevention of sexual harassment of women employees of AIESL, have been constituted at the corporate level.

Steps taken to improve public grievance redress machinery

In order to improve public grievance machinery a training program of all HR Heads was organized by AIESL. There is already existence a Grievance Redressed Machinery at shop level, unit level and corporate HQrs level. However, it was stressed upon all the concerned to reduce the average disposal time of public grievances and the organization has reduced the disposal time of grievance significantly. On CPGRAMS Portal also the average grievance disposal has been achieved to one week due to persistent efforts of IR/HR Department.

Issues relating to development activities taken in the North East

AIESL is operating line stations in North East states to cater to the maintenance requirements of Air India Group, Alliance Air and other airlines.

Welfare of senior citizens

In accordance with the guidelines issued by the Ministry of Social Justice & Empowerment, as envisaged in the National Policy on Older Persons, instructions hav e been issued to all concerned to ensure prompt, fair and humane treatment for older persons.

Facilities to Persons with Disabilities

AIESL is committed to offer equal opportunities to all employees and continue to support all available facilities to employees with disability as per the standard protocol. However, being an MRO, our employees working in the technical field involves physically demanding tasks, including extensive manual labor, working at heights, handling heavy equipment, and operating in high-pressure environments to ensure aircraft safety and airworthiness. These responsibilities require unrestricted mobility, quick reflexes, and a high level of situation awareness to maintain operational efficiency and comply with stringent safety regulations.

We are actively working towards including specially abled individuals in our non-technical work force.

10.3.8 SWACHH BHARAT MISSION

As part of the Swachh Bharat Mission campaign, AIESL offices in India are continuing their efforts to contribute towards making India clean. It's heartening to see such initiatives being taken towards a cleaner and greener India.

We're proud to be a part of the Swachhata Campaign, also known as Special Campaign, initiated by the Govt. of India. This campaign is all about promoting cleanliness and reducing pendency in government offices.

As a part of this movement, our CMD, CEO and other dedicated officials at AIESL rolled up their sleeves and joined hands to clean up our office premises and the surrounding areas. We believe in leading by example and taking the responsibility to improve the overall hygiene and cleanliness of government offices.

10.4 ALLIANCE AIR AVIATION LIMITED (AAAL)

10.4.1 INTRODUCTION

Alliance Air Aviation Limited (formerly known as Airline Allied Services Limited) is one of the leading regional airline in the country providing connectivity to Tier 2 & Tier 3 cities in India and operates under the brand name 'Alliance Air'.

Alliance Air is operating ATR type of aircraft since 2003 and has a fleet of 21 aircraft consisting of 18 ATR 72-600, 2 ATR 42-600 and one Dornier Do-228. The airline, previously functioned as a subsidiary of Air India Limited has undergone an ownership change subsequent to the latter's disinvestment. The ownership of the Company was transferred to AI Assets Holding Limited (AIAHL) which was established as a Special Purpose Vehicle (SPV) by the Government of India.

The Company's fleet is deployed to operate 100(+) departures per day across network of 55 destinations.

Regional Connectivity Scheme (RCS)-

With the introduction of Regional Connectivity Scheme (RCS), "Ude Desh Ka Aam Nagrik" (UDAN) by the Government of India, a number of new routes to unserved and underserved airports have been commenced by Alliance Air. Effective 27th April 2017, Alliance Air was the first airline to commence flights on Shimla/Delhi sector under the scheme which was flagged off by Hon'ble Prime Minister of India.

As of now, Alliance Air has initiated services on 137 out of the 165 routes it was awarded through RCS UDAN 5.3 rounds. Efforts are being made to commence flights on the remaining routes, contingent upon the readiness of airports to accommodate ATR 72-600 / ATR 42-600 aircraft.

Alliance Air won Wings India 2024 Awards-Best Airline Regional Connectivity.

10.4.2 PERFORMANCE

Financial Performance

Parameters	FY 2022-23 (Audited)	FY 2023-24 (Audited)
Total revenue (INR Cr)	1,104.96	964.02
Total expenses (INR Cr)	1,670.73	1,583.57
Profit/Loss (INR Cr)	(565.77)	(619.56)

Physical Performance

Parameters	(April 2023 to March 2024)
Yield/Pax (excluding subsidy)	3335
Revenue Pax	16,02,996
Seat factor	78.20%
OTP	76%

10.4.3 Women's Welfare including gender budgetary data-

The company has formulated Internal Complaint Committee to ensure protection and justice to women at workplace against sexual harassment and to deal with and recommend punishment for non-consensual acts of sexual harassment, and not to curtail sexual expression within the organization. Women's Day is celebrated every year to grow awareness among women regarding their rights.

10.4.4 Steps taken to improve Public Grievance Redress machinery-

Two dedicated nodal officers have been positioned to ensure timely redressal of the grievances received through AirSewa Portal and PG portal (monitored and controlled by Ministry of Civil Aviation)

10.4.5 SC/ST and OBC representation as of 31.12.2024

Strength of SC/ST and OBC as of 31.12.2024: SC 140, ST 52, OBC 157 as on 31.12.2024 representation of SC/ST/OBC – NIL

10.4.6 Facilities to Persons with Disabilities

Offers Equal opportunity for employment.

10.4.7 Citizen Charter

Nodal Officers are ensuring timely redressal of the grievances on PG Portal (monitored and controlled by Ministry of Civil Aviation) and Air Sewa Portal.

Station Launch

10.4.8 Highlights of the Important Events of Alliance Air during 2024:

(A) **Highlights of Stations Launch from 01.01.2024 to 31.12.2024-**

Rupsi Station

Jorhat Station

From	To	Dep.	Arr.	Frequency
PASIGHAT	JORHAT	0920	1020	Tue, Thu.
JORHAT	PASIGHAT	1630	1730	Tue, Thu.

Jalgaon Station **Pithoragarh Station**

WINGS INDIA-2024

SWACHHATA CAMPAIGN

Special Campaign was organized with effect from 15 September, 2024 to 31 October, 2024

HINDI PAKHWADA-2024

Hindi Pakhwada was successfully organized in Alliance Air office from 14th September, 2024 to 28th September, 2024. Two competitions were organized under Hindi Pakhwada. Essay writing competition was organized on 18th September, 2024 in which 19 Personnel participated and Hindi Language Knowledge and Quiz competition was organized on 24th September, 2024 in which 26 Personnel participated enthusiastically.

On the occasion of Hindi Divas on 14th September, the messages issued by the Hon'ble Home Minister, Government of India, Chief Executive Officer, AAAL, Executive Director (Engg.) and Rajbhasha Adhikari were sent to all the Departmental Heads and Stations/Regional Offices for wide dissemination.

During this period, in reference to the A.O. letter dated July 03, 2024 received from the Ministry of Home Affairs, Department of Official Language, Hindi slides and slogans were sent to organize Hindi Pakhwada and to create awareness about Hindi among Personnel and to increase the promotion of Hindi. Along with this, Official Language Resolution 1968, Official Language Rules, 1976 and Official Language Act 1963 were sent to all Departments and Stations/Regional Offices.

The program was successful due to the active participation of the Employees and it was appreciated by all the Senior Officers and Employees. During the closing ceremony held on 30th September 2024, certificates were distributed to the successful participants by the Executive Director (Engg.) and Rajbhasha Adhikari and with this the Hindi Pakhwada was concluded.

VIGILANCE AWARENESS WEEK WORKSHOPS AND PROGRAMS

Alliance Air Aviation Limited celebrated the Vigilance Awareness Week (VAW) 2024 from 28th October to 3rd November 2024 throughout its network in compliance with Commission's theme for the year

VAW 2024 commenced in right earnest in AAAL with the Integrity Pledge Ceremony. Integrity Pledge was administered by the Company Secretary and HOP in Alliance Headquarters, Delhi and by the senior most functionaries at each station at 1100 hrs on 28th October

2024 as directed by the Commission. With an endeavor to promote integrity and instill ethical values, AAAL organized Poetry Writing Competition to motivate and inspire employees. A special initiative of In-Flight Announcement along with playing of the CVC JINGLE on all AAAL (9I) flights throughout the flight network for the duration of Vigilance Awareness Week was made to sensitize the passengers. An entertaining Nukkad Nadak on the theme was scripted, directed and enacted by in-house AAAL team to display different aspects of corruption. The play was very well received by the audience.

AAAL has been promoting and motivating its employees to make Integrity their way of life to achieve Nations prosperity.

Details of Vigilance activities and achievements are as under:

- AAAL Management supports good governance while promoting Transparency and Accountability initiatives at all times.

- CVC compliance with periodic inputs with regard to CVC-QPR is submitted in a time-bound manner

- Extensive participation in Capacity Building Programs organized for freshers and old employees as part of Preventive Vigilance activities undertaken during campaign period (16th August 2024 to 15th November 2024), as a precursor to Vigilance Awareness Week 2024-Preventive Vigilance activities .

- Procedure and processes for seeking Vigilance Clearance iro AAAL employees have been streamlined and is as per compliance with CVC guidelines.

- AAAL has achieved a benchmark of 100% in MMD procedures of E-tendering and GeM.

- Extent of IT usage & E-GOVERNANCE in AAAL is also recorded at 100%.

- Detailed report on activities and programs conducted at AAAL during Vigilance Awareness Week 2024 has been submitted

- Social Media coverage by AAAL - Posts were shared on Twitter/X, Instagram, Linkedin and Facebook creating massive impressions.

10.4.9 FLIGHT SAFETY & ERP AWARENESS PROGRAMME

1. **ERP Mock Drill Exercise - 28th February 2024**

   ERP Mock Drill Exercise was convened by Head-ERP, Alliance Air at the Emergency Command Center (ECC) room in Alliance Bhawan on 28th February 2024. HOD's/ Divisional Heads of Alliance Air Participated in the Mock drill Exercise.

EMERGENCY RESPONSE PLAN-FOLLOW UP REPORT ON MOCK DRILL		
Mock Drill Type	-	Mock Drill Exercise
Date	-	28th February 2024
Location	-	Lengpui Airport (Aizawl)
Affected Airline	-	Alliance Air Aviation Ltd
Sector	-	Guwahati - Aizawl
Flight No/Registration/AC Type	-	9I XYZ / VT-ABC / ATR-72-600
Crew	-	2/2
Pax on Board	-	56+0
Cargo	-	NIL
Accident/Incident	-	Aircraft Excursion& stopped in RESA
Casualties/ Injuries	-	06 Minor Injuries
Fatalities	-	NIL

BRIEF REPORT

The message was received by Chief of Flight Safety and Head ERP from Aizawl Station Manager Mr. Bapan Majumdar on 28th Feb 2024 at 1407hrs.that an ATR-72-600 Aircraft Registration-VT-ABC had Runway excursion at Lengpui (Aizawl) after touchdown. Aircraft exited the runway and entered into RESA of Runway 17.

Flight No	-	9I XYZ
Sector	-	VEGT-VELP
Fatality	-	NIL
No of Injuries	-	06 Minor
Damage to A/C	-	Main Wheel # 1 deflated.

Head-ERP, ERP coordinator with HoDs/representatives from respective departments & teams in the Emergency Command Center (ECC) room. Live Coverage through a mobile application utilized during Mock Drill exercise

2. **SRBM (Safety Review Board Meeting) - 15th May 2024**

SRBM of 1st Quarter 2024 (January to March) on 15th May, 2024. SRBM is convened by Flight Safety and chaired by CEO, Alliance Air at Alliance Bhawan. HOD's/Divisional Heads of Alliance Air participated in the meeting.

3. **SRBM (Safety Review Board Meeting) - 13th August 2024**

SRBM of 2nd Quarter 2024 (April to June) on 13th August, 2024. SRBM is convened by Flight Safety and chaired by CEO, Alliance Air at Alliance Bhawan. HOD's/Divisional Heads of Alliance Air participated in the meeting.

4. **ERP Table top Exercise – 04th September 2024**

The Head of ERP along with the ERP Coordinator had planned the ERP table top exercise at the Emergency Command Center (ECC) Room in Alliance Bhawan on 04th September 2024. Nominated officers from all the respective departments along with Go team & Alliance Veer members were participated during the table top exercise.

BRIEF REPORT

Occurrence details:- Animal strike during touchdown on the aircraft. Starboard side landing Gear damaged and aircraft veered-off to unpaved surface. Animal identified as deer crossing the Runway. All passengers disembark safely but three minor injuries reported due to shock and sudden jerk on the aircraft.

Action plan:- Thereafter as co-ordinated with different department representative, The logistic (i.e. Man & Material) will go by ferry flight to Raipur then onwards by road to Jagdalpur, Ferry flight is planned in evening by incoming aircraft, VT-RKD at 1800 Hrs. So MCC, CMS, Despatch, Commercial were informed to co-ordinate for ferry flight operation, Crew and Engineer along with deputed Alliance Veer, Go-Team will stay at Raipur & in morning they will depart to Jagdalpur to carry out necessary work. The team will reach there by 1400 hrs. The SM of Jagdalpur briefed for necessary arrangements.

BRIEF DETAILS OF TABLE TOP EXERCISE

Date	:	04 September 2024
Occurrence Time	:	14:28 hrs.
Location	:	ECC Online
Affected Airline/Airport	:	Alliance Air / Maa Danteshwari Airport, Jagdalpur
Participants	:	Nominated members of all department, Go team members, Alliance Veer & Special assistant Team (SAT) along with Station Manager of Jagadalpur station.
Aircraft Call Sign/Registration	:	AB-1234 / VT-XYZ
Sector	:	Delhi–Jagdalpur (VIDP-VEJR)
Cockpit Crew & Cabin crew	:	2+2
Pax on Board	:	(36+1 infant)
TOB	:	41
Cargo	:	Registered baggage
Casualties/Injuries	:	03 Minor Injuries
Crew	:	As detailed by CMS

5. Safety Awareness Week - 14th to 18th October 2024

Alliance Air has celebrated Safety Awareness week from 14th to 18th October 2024. During this week, Alliance Air organized several activities to raise awareness and promote flight safety. Some of the activities included the release of e-posters for Safety, ERP, DMS, Medical and QMS, as well as a newsletter highlighting important safety measures. Interactive session was conducted amongst the pilots, cabin crew and engineers concerning safety issues. A first aid class was also conducted for ground staff to enhance our emergency response capabilities.

During the Flight Safety Awareness week free health check-up camp in association with Fortis Hospital was also organized for alliance air employees and around 130 personnel were registered for health check-up.

The main objective of Flight Safety Awareness week was to emphasize the importance of maintaining a safe and secure environment for our passengers and crew members as well our employees. By actively participating in these activities, we have not only refreshed knowledge of employee/staff but also contributed towards building a strong safety / just culture within our organization.

6. SRBM (Safety Review Board Meeting) - 16th October 2024

SRBM of 3rd Quarter 2024 (July to September) on 16th October, 2024. SRBM is convened by the Chief of Flight Safety and chaired by CEO, Alliance Air at Alliance Bhawan. HOD's/Divisional Heads of Alliance Air participated in the meeting.

7. Internal Safety Audit of Main Base (Delhi Station)

Main base Safety Audit of Delhi station carried out in month of November

2024. As per CAR Sec 5, Series F, Part I to comply the regulatory audit. Area of audit was Operations, CAMO, Training, Ground handling, CMS, Line maintenance, Component store, Dispatch, IFS, Medical, Security & Tool store.

10.4.10 COMPLIANCE TO CYBER SECURITY GUIDELINES

IT has implemented the following w.r.t. Cyber Security:

1. **ZTNA:** Zero Trust Network Architecture that takes care of user authentication, two factor authentication, Device posturing and secure internet gateway with security policies implemented through cloud.

2. Firewall is in place for IPSec/SSL VPN tunneling with private application and secure internal infrastructure.

3. All hosted solutions are with security set up in place by the hosted vendor as per contract.

4. Privacy policies, non-disclosure agreements and other regulatory requirements like GDPR compliance is managed as controller and processor in all agreements.

5. AAAL is registered with NCIIPC/ CERT-In for up to date security patches information. Feeds from their portals are used to plug vulnerabilities as and when notified.

10.4.11 WINGS TO DREAMS AWARD 2024

The "Giving Wings to Dreams Award 2024" was celebrated on 21st November 2024 which is organized by President and the Council of Members of Women in Aviation India under the Ministry of Civil Aviation, Government of India and it aimed to inspire young girls to become future ambassadors in the aviation industry. The awards were distributed by prominent dignitaries, including Hon'ble Secretary of Civil Aviation Shri Vumlunmang

Vualnam, Shri Vipin Kumar, Chairman, Airport Authority of India, Ms Usha Padhee, Principal Secretary Government of Odisha Mr. Amber Dubey, ex-Joint Secretary, Ministry of Civil Aviation, and President of Women in Aviation India, Ms. Radha Bhatia.

Five talented women from Alliance Air were nominated for this prestigious award by the CEO of Alliance Air. The winners included:-

1. Capt. Urmila Yadav-Commander

2. Ms. Shilpa Bhatia, Company Secretary & Legal Officer & EA to CEO,

3. Ms. Nazma Parveen-Officer Security

4. Ms. Saswati Dev Kalita, Supervisor Security.

5. Ms. Maninder Kaur, Sr. Manager - Operations

These women are truly an inspiration to many, and their achievements in the aviation industry are a testament to their hard work and dedication.

The "Giving Wings to Dreams Award 2024" is not just an award ceremony, but a movement to promote gender equality and encourage women to pursue careers in aviation.

The event also highlighted the significant role of women in building a robust economy and achieving the vision of Viksit Bharat. Overall, the "Giving Wings to Dreams Award 2024" was a remarkable event that showcased the talents and achievements of Indian women in aviation.

10.5 HOTEL CORPORATION OF INDIA LIMITED

10.5.1 INTRODUCTION

Hotel Corporation of India was incorporated in the year 1971 as a 100% subsidiary of the erstwhile Air India Limited. Effective January 27, 2022, the shareholding has been transferred to AI Assets Holding Limited.
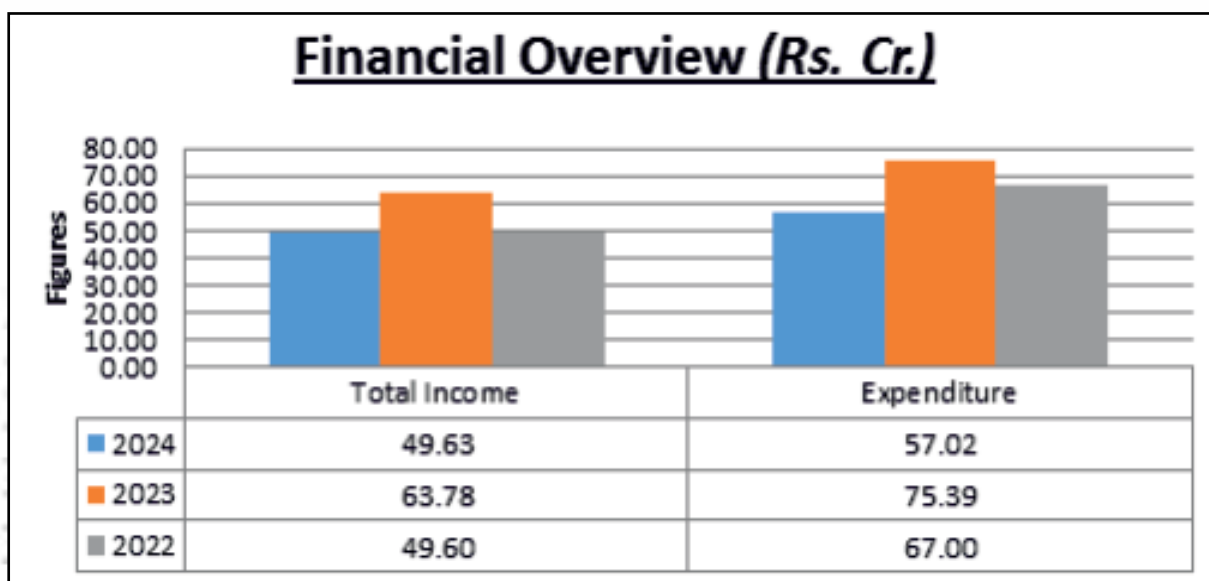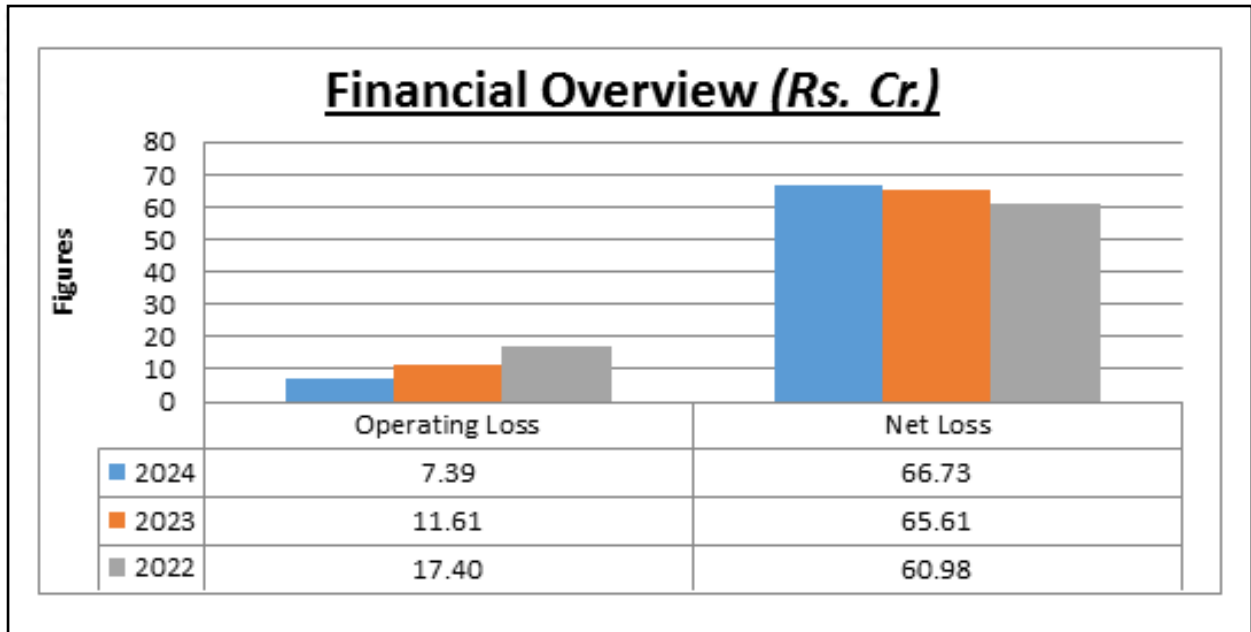
The Centaur Hotel, Delhi is located in the vicinity of IGI Airport and situated close to the business districts of Aerocity and Gurugram. The hotel was inaugurated in the year 1982.

Presently the Company operates one Hotel in Delhi under the 'Centaur' brand. The Company also operates two flight Kitchens under the "Chefair" brand. Chefair Mumbai started operations in the year 1969 while Chefair Delhi was established in 1971.

As per the AMRD order received on 17.07.2023, the Centaur Lake View Hotel, Srinagar (which was sealed by the UT of J&K in June 2022) has been handed over to the UT of J&K. The Housing Colony also stood transferred to the UT of J&K. The Order also read that post following due procedures, the UT of J&K had already absorbed the145 employees of HCIL working at the Centaur Lake View Hotel, Srinagar.

10.5.2 FINANCIAL OVERVIEW

Financial Overview (Rs. Cr.)

	Total Income	Expenditure
2024	49.63	57.02
2023	63.78	75.39
2022	49.60	67.00

Financial Overview (Rs. Cr.)

	Operating Loss	Net Loss
2024	7.39	66.73
2023	11.61	65.61
2022	17.40	60.98

The Company witnessed a decrease in revenue as the company lost the T3 lounge business at New Delhi, notwithstanding the company sustained its operations and financial performance.

During the year the Company provided Flight catering business at Delhi and Mumbai. The Company obtained the ISO 22000-certification for both Chefair Delhi and Chefair Mumbai. Chefair Delhi operations continue to be hampered owing to the restrictions placed by DIAL. Also, the Centaur Hotel Delhi is able to operate only about 120 rooms as the balance inventory of 256 rooms needs to be renovated. The Company therefore requires support for Capex Funds to be able to maximize its revenue potential for the hotel as well as an early resolution to the ongoing issue with DIAL to enable Chefair Delhi to be able to pitch for additional airline catering business.

10.5.3 POLLUTION CONTROL

All the vehicles in HCI used for operations are CNG operated. The Company motivates its staff to use public transport and to pool their personal vehicles. All garbage bags used are of bio-degradable material;

10.5.4 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has an Internal Committee for Prevention, Prohibition and Redressal of Sexual Harassment (ICC) in place at both Delhi and Mumbai. All the employees are sensitized to respect women working in the Company. Women are mostly employed in the Day / General Shifts. In the case of Night Shift duty they are well taken care of. The Company celebrated Women's Day with enthusiasm. Training was organized to create a safe working environment at the workplace (which includes a safe environment for employee interaction internally as well as with outsiders).

10.5.5 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCES REDRESSAL MACHINERY

All complaints received from the Grievances portal (CPGRAM) are addressed as a priority. A total of eleven public grievance cases were received online. All the grievances have been disposed of.

10.5.6 SC/ST AND OBC REPRESENTATION AS ON 31.12.2024

The Company adheres to all the prescribed Government Policies on the subject. The breakup of the SC/ST and OBC is as under:

Group	Total Employees	SC employees	ST Employees	OBC Employees
A	11	4	2	1
B	45	11	3	9
C	80	26	10	16
D	29	10	2	6
Total	**165**	**51** **(30.91%)**	**17** **(10.30%)**	**32** **(19.39%)**

10.5.7 WELFARE OF SENIOR CITIZENS

In accordance with the guidelines issued by the Ministry of Social, Justice and Empowerment, and as envisaged in the 'National Policy on Older Persons', instructions have been issued to all employees to ensure prompt, fair and humane treatment with senior citizens, to pay special attention to the elderly and those needing assistance particularly after alighting from vehicles at the hotel and until the person reaches the check-in counter, give widows special consideration in the matter of settlement of benefits accruing on the demise of the spouse and ensure timely settlement of retirement benefits as far as possible.

10.5.8 FACILITIES TO PERSONS WITH DISABILITIES

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities have been implemented and due consideration is given to disabled persons, wherever possible. Ramp access provided for ease of movement. A convenient work environment is provided to such employees, as per their capability.

10.5.9 VIGILANCE ACTIVITIES

Vigilance Awareness Week was observed. During the week, Quiz and Essay competitions were held to promote Vigilance Awareness. Posters on PIDPI were displayed in all departments and public / common areas. Open House discussion was held with the employees to have a corruption free environment for the growth of the Company.

10.5.10 CITIZEN CHARTER

Grievances received through the Grievances portal (CPGRAM) are timely redressed. RTI's are responded within stipulated timeframe. All other minor issues pertaining to the welfare of employees are timely addressed during regular interaction and meetings.

11. RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

11.1 INTRODUCTION

The Rajiv Gandhi National Aviation University (RGNAU), a Central University under the administrative control of Ministry of Civil Aviation, has been established by an Act of Parliament called the Rajiv Gandhi National Aviation University Act, 2013 at Fursatganj, Dist. Amethi, Uttar Pradesh.

The University has been envisaged as the premier institution of higher learning within the aviation milieu aimed at providing cutting edge and critical research to enhance the aviation industry in India. The Act of Parliament empowers the University to award Diplomas, Degree including the Doctoral Degrees and certificates in the field of aviation
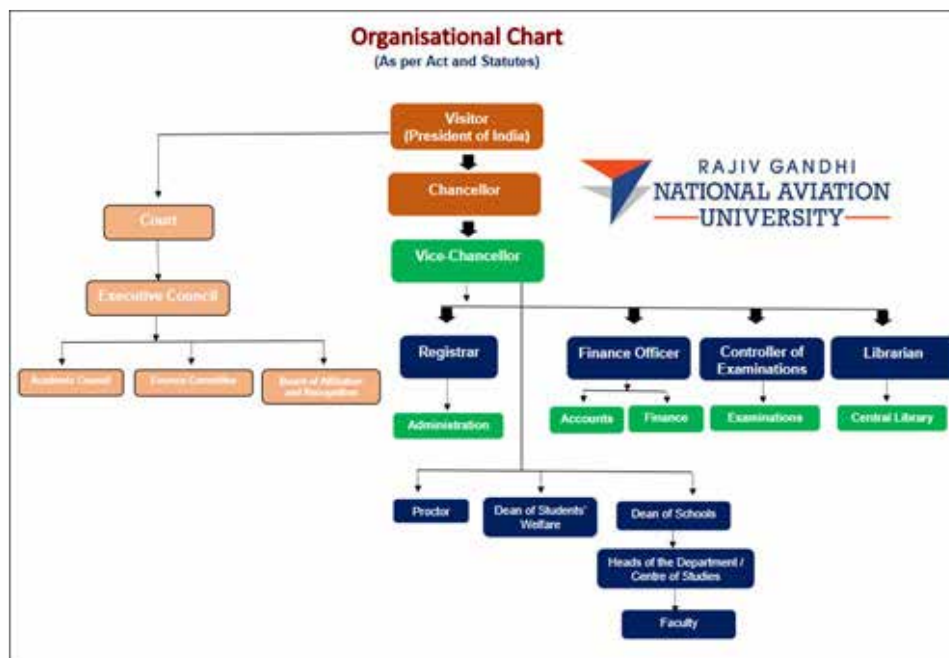
11.2 OBJECTIVE

The objective of RGNAU is to facilitate and promote aviation studies, teaching, training, research and by extension work in conjunction with the industry/ academia to achieve excellence in operations and management of all the sub-sectors within the aviation industry.

The University intends to offer a number of courses as required to bridge the skill gap within the Indian Aviation industry at present as well as taking into consideration future requirements. RGNAU has an ambitious plan to offer Bachelor Degree programs, Master Degree programs, Post Graduate Diploma courses, Doctoral programs and Certification courses in phase manner.

11.3 PHYSICAL PERFORMANCE

The infrastructure of the University, viz. Academic, Administrative, Residential, Hostel, Computer Laboratories and other associated infrastructure facilities, includes:

*   High-tech IT infrastructure and smart class technology enabled 1.2 lac sq. ft. of Academic Block,

*   Two Libraries with dedicated provision for digital library,

*   Two Seminar halls each of approx. 200 seating capacity with video conferencing facility;

*   Open air theatre with space frame structure;

Open Air Theatre

Seminar Hall

- Canteen, Medical Room and Common Room for students;
- Facilities like designated approach road and car parking,
- UG water tank, 33KVA dedicated power

- supply from UPPCL and 100% power backup;
- Wi-Fi enabled hostel accommodation facility for 576 students with recreation and Gym facilities;

Hostel Block

Residential Block

Till date, various authorities of the University, such as Executive Council, Court, Academic Council, Board of Affiliation and Recognition and Finance Committee, has been constituted successfully. The other authorities of the University Viz. Boards of Schools etc. shall be constituted in due course of time.

11.4 COURT

The Court of the University has power to review, from time to time, the broad policies and programmes and to suggest measures for the improvement and development of the University.

The function of the Court includes consideration and passing of resolutions on the Annual Report and the Annual Accounts of the University and the Audit Report on such accounts. The Court advises the Visitor in respect of any matter which may be referred to it for advice.

The members of the First Court of the University as on 31 Dec 2024 are as follows:

Sl. No.	Name	Designation
1.	Prof. Bhrigu Nath Singh, ex-Officio Member	Vice Chancellor, Rajiv Gandhi National Aviation University
2.	Shri Shashi Prakash Goyal, ex-Officio Member	Addl. Chief Secretary to Chief Minister, Government of Uttar Pradesh

Sl. No.	Name	Designation
3.	Shri Bharat Malkani, Member	Chairman, Max Aerospace & Aviation Pvt. Ltd.
4.	Shri H.R.Jagannath, Member	CEO, Air India Engineering Services Limited
5.	Shri I Prabhakara Rao, Member	CEO, Delhi International Airport Limitedhi International Airport Ltd.
6.	Shri S.G.K Kishore, Member	CEO, GMR Hyderabad International Airport Ltd.
7.	Shri Murali Ramachandran, Member	Chief Executive Officer, Celebi NAS Airport Services India Pvt. Ltd.
8.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University
	Meeting of Court	
	Meeting of Court through circulation held on 25.07.2024	

11.5 EXECUTIVE COUNCIL

Executive Council is the principal executive body of the University. The Executive Council shall have the power of management and administration of the revenue and property of the University and the conduct of all administrative affairs of the University. The powers of the Executive Council include make, amend or repeal regulations, to carry out the provisions of the Act and Statutes and Ordinances framed thereunder, for the smooth functioning of the University and to regulate and determine all other matters concerning the University in accordance with the Act, Statutes and Ordinances.

The composition of the Executive Council as on 31 Dec 2024 is as under:

Sl. No.	Name	Designation
1.	Prof. Bhrigu Nath Singh, ex-Officio Chairman	Vice Chancellor, Rajiv Gandhi National Aviation University
2.	Shri Shashi Prakash Goyal, ex-officio Member	Addl. Chief Secretary to CM, Government of Uttar Pradesh
3.	Shri D C Sharma, ex-officio Member	Director General, Directorate General of Civil Aviation
4.	Ms. Neeta Prasad ex-officio Member	Joint Secretary, Ministry of Education
5.	Shri Padam Lal Negi, ex-officio Member	Joint Secretary and Financial Adviser, Ministry of Civil Aviation
6.	Shri Madhu Sudana Sankar, ex-officio Member	Joint Secretary, Ministry of Civil Aviation
7.	Shri Vipin Kumar, Member	Chairman, Airport Authority of India
8.	Shri Rambabu Chintalacheruvu, Member	Chief Executive Officer (CEO), Alliance Air
9.	Ms. Kavita Jalan, ex-officio Member	Deputy Director General, Bureau of Civil Aviation Security

Sl. No.	Name	Designation
10.	Dr. R.K. Tyagi, Member	Ex-Chairman and Managing Director, Hindustan Aeronautics Ltd.
11.	Shri Tushar Jani, Member	Chairman, Blue Dart Aviation
12.	Shri Ravi Menon, Member	Executive Director, Air works
13.	Shri Amitabh Khosla, Member	Country Director (India), IATA
14.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University
Meeting of Executive Council		
Meeting of Executive Council through circulation held on 05.03.2024 12th meeting of Executive Council held on 31.07.2024 13th meeting of Executive Council held on 03.10.2024		

11.6 ACADEMIC COUNCIL

The Academic Council is the principal academic body of the University and have the power to exercise general supervision over the academic policies of the University and to give directions regarding methods of instructions, co-operative teaching, and evaluation of research or improvements of academic standards. It is responsible for maintaining of the standards of the educational activities within the university and advises the Executive Council on all academic matters.

The composition of the First Academic Council as on 31 Dec 2024 is as under:

Sl. No.	Name	Designation
1.	Prof. (Dr.) Bhrigu Nath Singh, ex-officio Chairman	Vice Chancellor, Rajiv Gandhi National Aviation University
2.	Prof. P.M. Mohite, Member	Professor, Department of Aerospace Engineering, IIT Kanpur
3.	Prof. K.P. Sinhamahapatra, Member,	Professor, Department of Aerospace Engineering, IIT Kharagpur
4.	Dr. Anantha Agasthya, Member	ex-Executive Director, HAL Management Academy (HMA), Hindustan Aeronautics Ltd (HAL), Bangalore
5.	Shri Maneesh Kumar, Member, ex-officio	Joint Director General, Directorate General of Civil Aviation
6.	(Vacant) Member, ex-officio	Nominee of Bureau of Civil Aviation Security
7.	Prof. M.K. Barua, Member	Professor, School of Management Studies, IIT Roorkee
8.	Dr. Abhay Anant Pashilkar, Member	Director, CSIR-NAL
9.	Shri Ajay Kumar Shrivastava, Member	General Manager, HAL-Kanpur
10.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University
Meeting of Academic Council		
5th meeting of Academic Council held on 15.03.2024 6th meeting of Academic Council held on 26.12.2024		

11.7 FINANCE COMMITTEE

Finance Committee examines and consider all financial matters of the University including annual budget, annual accounts, projects, policy matters and other financial activities before submission of the same to the Executive Council.

The composition of Finance Committee as on 31 Dec 2024 is as follows:-

Sl. No.	Name	Designation
1.	Prof. Bhrigu Nath Singh, ex-officio Chairman	Vice Chancellor, Rajiv Gandhi National Aviation University
2.	Shri Padam Lal Negi, ex-officio Member	Financial Adviser, Ministry of Civil Aviation
3.	(Vacant), ex-Officio Member	One person to be nominated by the Court.
4.	Shri Sunil Parekh, Member	Strategic Advisor & Head of Corporate Affairs, Zydus India, Ahmedabad
5.	Shri Sarvesh Tiwari, Member	Joint Registrar (F&A), IIT (BHU), Varanasi
6.	Shri Vishwa Ranjan, Member	Registrar & Secretary, Finance Committee, IIT Kanpur
7.	Shri J.K. Goel, Member	General Manager (Finance), Northern Region, Airports Authority of India
8.	Dr. R.K. Tyagi, Member	ex-CMD, Hindustan Aeronautics Limited
9.	(Vacant), ex-officio Secretary	Finance Officer, Rajiv Gandhi National Aviation University
	Meeting of Finance Committee	
	Meeting of Finance Committee through circulation held on 26.02.2024 7th meeting of Finance Committee held on 22.07.2024 Meeting of Finance Committee through circulation held on 17.12.2024	

11.8 BOARD OF AFFILIATION AND RECOGNITION

The Board of Affiliation and Recognition (BAR) shall be responsible for admitting Colleges and Institutions to the privileges of the University.

The composition of the first BAR as on 31 Dec 2024 is as follows:

Sl. No.	Name	Designation
1.	Prof. Bhrigu Nath Singh, ex-officio Chairman	Vice Chancellor, Rajiv Gandhi National Aviation University
2.	Prof. Vinay Kumar Srivastava, Member	Professor, Department of Electronics & Communication Engineering, Motilal Nehru National Institute of Technology, Prayagraj
3.	Prof. Jitesh J Thakkar, Member	Dean (Academics) & Professor, School of Management, Gati Shakti Vishwavidyalaya, Vadodara
4.	Prof. Dipak Kumar Maiti, Member	Professor (Aerospace Engineering), IIT Kharagpur
5.	Prof.N.C. Shivaprakash, Member	Former Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science, Bangalore

Sl. No.	Name	Designation
6.	Prof. Andallib Tariq, Member	Professor and Head, Department of Mechanical and Industrial Engineering, IIT Roorkee
7.	Prof. Ambesh Dixit, Member	Professor, Department of Physics, IIT Jodhpur
8.	Dr. G. Srikantha Sharma, Member	Executive Director and Dean, HAL Management Academy (HMA)
9.	Prof. S.L. Harikumar, ex-officio Secretary	Registrar, Rajiv Gandhi National Aviation University

11.9 IMPORTANT ACTIVITIES

11.9.1 Post Graduate Diploma in Airport Operations

The fourth batch of Post Graduate Diploma in Airport Operations (PGDAO) have completed their internship training in May 2024 and 20 students out of 22 students have got placement in various airports/airlines such as Adani airport, AAICLAS, Indigo airlines etc.

The fifth batch of the PGDAO Programme has commenced on 07 Aug 2023 with student strength of 16 students. They have commenced their internships training in Delhi airport on 22 July 2024.

The Sixth batch of PGDAO Programme has commenced on 07 Aug 2024 with student intake of 20 students.

11.9.2 Basic Fire Fighting Course

During the period of 01 January 2024 to 31 December 2024, five batches of Basic Fire Fighting Course i.e. (13th, 14th ,15th ,16th and 17th batches) were commenced and having student strength of total 254. Out of 254 students 150 students passed out from RGNAU with placement record of more than 90%. 02 batches classes are going on.

Recently Adani, GMR Airports and Bangalore Airport have shortlisted 169 BFFC students of 13th, 14th 15th & 16th batches for Hyderabad, Bangalore, Delhi and Mumbai airports.

Presently 16th & 17th batch comprising of 104students are undergoing with their training.

11.9.3 Junior Fire Officer course (JFO):

JFO is short term certificate course which is 35 days. This is course is for working professional in Airport Fire Fighting Department. The third batch of JFO conducted during Aug 2024 to Sep 2024 with 39 cadets and the fourth batch commenced in December 2024 with 21 cadets.

11.9.4 Bachelors of Management Studies in Aviation Services and Air Cargo

The second batch of BMS (2021) have completed their course in July 2024. Out of 25 students 20 students got placed in different cargo companies.

The third batch for the Programme of 46 students commenced their Apprenticeship in July 2024.

The Fourth and fifth batch of BMS Programme has commenced on 24 Jul 2023 and 27th July 2024 with student intake of 53students and 12 students respectively.

11.10 NEW PROGRAMMES

On recommendations of Academic council, University is planning to commence its own new courses from the upcoming Academic Year 2025-26. The Course are as follows

i. BBA (Aviation Management)

ii. MBA (Aviation Management)

iii. MBA (Aviation Logistics Management)

iv. B.Tech in Electronics and Communication Engineering (ECE) with specialisation in Avionics

v. B.Tech in Aerospace Engineering

vi. B.Sc. (Aviation) for CPL cadets

vii. B.Sc. (AME) for AME Cadets

The University is exploring collaboration opportunities with various institutions and Universities in India and abroad to give students better academic and practical exposure on the aviation sector. The target of the University is to provide a conducive environment for learning and personality growth of the individual.

11.11 COLLABORATIONS

11.11.1 MoUs with IITs

RGNAU signed Memorandum of Understanding (MoUs) on 07 December 2024 with IIT Patna, IIT Ropar, and IIT Bhilai. These MoUs aim to foster collaboration and innovation in the fields of aviation and aerospace, paving the way for future research and development initiatives.

The MoUs will enable the university to leverage the expertise and resources of these prestigious institutions, driving growth and advancement in the aviation sector. This strategic partnership is expected to yield significant benefits, including joint research projects, faculty exchange programs, and curriculum development initiatives.

The MoU's were signed by Prof. Bhrigu Nath Singh, Vice Chancellor, RGNAU, Prof. Rajeev Ahuja, Director, IIT Ropar, Prof. Rajiv Prakash, Director, IIT Bhilai and Prof. T.N. Singh, Director, IIT Patna in the august presence of Hon'ble Minister of Civil Aviation, Shri Kinjarapu

Rammohan Naidu, Secretary, MoCA and the Members of Academic Council and Executive Council of RGNAU.

11.11.2 Signing of Letter of Intent (LoI) with Purdue University, USA

In order to foster International cooperation/ collaboration in Aviation Education and Research, RGNAU has signed a Letter of Intent with the School of Aviation and Transportation Technology, Purdue University, West Lafayette, Indiana, USA on 20th September 2024. This will help exchange of faculties, student exchange programme, Collaborative Research, Discovery, Learning, Teaching and Engagement. RGNAU has initiated this land mark step under leadership of Professor (Dr.) Bhrigu Nath Singh, Vice Chancellor of RGNAU

with support of MOCA, GOI towards world class Quality Education in Aviation Ecosystem under International cooperation with one of Top US University.

11.12 EDUCATIONAL / CULTURAL / SPORTS EVENTS

The University celebrated its Annual Sports and Cultural Festival "Udaan 2024" during February, 2024. Various games were organized during the event which includes – Cricket, Volleyball, Rangoli Competition, Painting, folk dances & cultural programmes etc.

IGRUA, RGIPT & FDDI officials were invited for the event. At the time of closing ceremony, the several prizes were given to winners.

11.12.1 CONVOCATION

University conducted its 1st Convocation for the batches of PGDAO-2019,2020,2021, BMS-2020 & 2021 batches. The Chief Guest of this event was Shri. Kinjarapu Ram Mohan Naidu,

Minister of Civil Aviation and Guest of Honour Shri. Vumlunmang Vualnam, Secretary, MOCA and Prof. Rajeev Ahuja, Director, IIT Ropar. During this convocation total of 137 degrees were awarded to 57 BMS students and 80 PGDAO students. In addition to the degrees

14 medals are also being warded to students to recognize their exceptional academic performances.

11.12.2 WINGS INDIA

For the first time the University participated in Wings India-2024. It is a flagship event on civil aviation sector, it is an ideal forum to explore global partnerships, engaging sessions, cutting-edge innovation in the aviation sector, and with splendid aircraft displays against the backdrop of the Indian skyline organized by Ministry of Civil Aviation (MoCA), Government of India together with Airports Authority of India (AAI) and Federation of Indian Chamber of Commerce and Industry (FICCI) from 18-21 January, 2024 at Begumpet, Hyderabad.

11.12.3 AVIATION CHAUPAL

Aviation Chaupal at Rajiv Gandhi National Aviation University (RGNAU) in Fursatganj, Amethi, was a grand success. Dr. Varghese Joseph, Registrar, HAL Management Academy, Bangalore, an Aviation Management Education expert, Shri Abhishek Kumar Head

HR, M/S. Adani Airports, CCS International Airport Lucknow, and Dr.Sunil Garhwal, Consultant Academic Affairs, RGNAU shared their knowledge with students and gave tips on various aspect of Airport Industry skill requirement and also explained various career opportunities at airport.

One of the key takeaways from the Aviation Chaupal was the emphasis on the importance of skill development and training in the aviation sector.

The event also provided a platform for students to interact with industry experts and gain valuable insights into the various career paths available in aviation. The networking opportunities at the Aviation Chaupal were invaluable for students looking to kickstart their careers in the industry.

11.12.4 INDUSTRY LECTURE SERIES

21st Aug 2024:

We're thrilled to announce the launch of our Industry Lecture series at RGNAU on 21st August 2024.

We bridge the gap between academia and industry, bringing together experts and thought leaders to share their insights and experiences.

Speaker: Mr. Dinesh Kumar, Founder and formerDirector, Indian Aviation Academy, Former APD Chennai International Airport. Topic: Future Perspective & opportunities in Aviation Industry

30th SEP 2024:

Rajiv Gandhi National Aviation University (RGNAU) organized an industry lecture series on "Review on Advanced Health Monitoring for Aero Gas Turbines using Model-Based and Artificial Intelligent Methods" at its Academic Block Seminar Hall.

Renowned aerospace expert Professor Changduk Kong, PhD, EngD, FAeS, FPES, CEng, AME, delivered the lecture. Prof. Kong is Professor Emeritus at Chosun University, Distinguished Chair Professor at Kunsan National University, and International Visiting Professor at Thapar Institute of Engineering & Technology (TIET).

The event drew attendance from RGNAU's Vice Chancellor Prof. Brigunath Singh, Registrar Dr. SL Harikumar, faculty members, and student's.

11.12.5 HINDI PAKHWADA

Every year, Hindi Maah is observed by the University in the month of September. In

the current year during Hindi Maah, several competitions were organized amongst the RGNAU staff and students under Hindi Pakhwada from 18-30 Sep 2024 which included – Speech Competition, Calligraphy Competition, Debate competition, Essay Writing competition and Noting and Drafting Completion. The objective of this event was to promote and understand the keen importance of Hindi language in the personal and professional aspects of personnel.

11.13 POLLUTION CONTROL

A plantation Programme was undertaken in the areas near boundary walls, parking and other green areas of the Academic and Residential Block under which more than 200 plants were planted.

The guidelines given by GRIHA Council regarding pollution control and environment protection is being adhered to, for eco-friendly development of RGNAU campus. Rooftop solar plants have already been installed on top of the academic and residential buildings of RGNAU.

As a step forward to reduce air pollution, the University campus has been kept as smoking free zone. Further, single use plastic has been banned in the University campus.

In future also, efforts will be made to minimize the impact of pollution by planting large number of trees and developing green areas in RGNAU campus.

11.14 WOMEN WELFARE INCLUDING GENDER BUDGETARY DATA

For the safety of girl students and women employees at the University campus (both academic as well as residential campus), an Internal Complaints Committee (ICC) has been constituted in accordance with the provisions of the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013". The broad functions of the ICC are to take note of any violation of the basic principles of gender sensitivity and gender justice in the University campus and act against the same as deemed appropriate. Keeping in view the safety and security of girl students, the hostel accommodation has been divided into two parts by creating partition in between the girls and boys hostel area. Also, provision of CCTV cameras, Asst. Lady Warden and Lady Security Guards are available for safety and security of girl students in the Hostel block.

11.15 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MECHANISM

The University operations are not directly related to this aspect. However, the Registrar of the University have been designated as Public Grievance Officer for looking into the matters related to Public Grievances. He has also been designated as First Appellate Authority as per RTI Act 2005 to ensure proper disposal of RTI queries received by University. As on date, no public grievance is pending in the University. This aspect is continuously monitored by Registrar from time to time.

11.16 STUDENTS GRIEVANCE REDRESSAL

In order to provide opportunities for redressal of certain grievances of students already enrolled in RGNAU, as well as those seeking admission, the University has constituted a Student Grievance Redressal Committee (SGRC) as per the provisions of University Grants Commission (Redressal of Grievances of Students) Regulations, 2023. In case any student aggrieved by the decision of the Students' Grievance Redressal Committee, they

may prefer an appeal to the Ombudsperson of the University. For this purpose, the University has appointed Prof. Umesh Chandra Gupta, Professor (Retd.) and Former Head, Department of Mathematics, Indian Institute of Technology Kharagpur as Ombudsperson of RGNAU.

11.17 SC/ST/OBC REPRESENTATION AS ON DEC 2024

No representations have been received from been received from staff or students belonging to SC/ST

11.18 FACILITIES TO PERSONS WITH DISABILITIES

To provide easy access to persons with disabilities, ramps have been provided in the academic building. Similarly, flooring with tactile tiles have been done to guide visually impaired users. Separate toilets have also been made for easy use by persons with physical disabilities in Academic building of RGNAU. Adequate lighting is provided in all areas of academic building to help visually impaired persons. Also, provision of lifts has been made in hostel and residential blocks of the University.

11.19 VIGILANCE ACTIVITIES

The additional charge of CVO, RGNAU has been assigned to Shri Nikhil K Kanodia, CVO, AAI by Ministry of Civil Aviation. During the period 16 August 2024 to 15 November 2024, as part of Vigilance Awareness Campaign, various activities were organized such as integrity pledge by students and staff, Quiz competitions amongst staff, walkathon by students and staff, visit to farmers of nearby villages etc. for spreading the awareness on Vigilance. On 05 Nov 2025, an on-site Workshop on "Procurement through GeM" was organized by CVO, RGNAU and his team at the University campus for empowering the staff of RGNAU and IGRUA with latest development of the GeM portal. Apart from this, various trainings were organised for capacity building amongst staff which includes training on CPP Portal, GeM portal, procurement and conduct rules etc.

11.20 COMPLIANCE TO CYBER SECURITY GUIDELINES

The University has well established IT Server Room equipped with antivirus servers, routers, switches, firewalls, wifi server etc. on High-Availability (HA) mode for providing uninterrupted services. The network of the IT infrastructure has been designed in compliance with Cyber Security guidelines issued by Government of India from time to time.

The Internet Service Provider of the University is NIC/NKN which is a Government Institution. The website and email servers are managed by ITI Ltd. which is PSU under Ministry of Communications, Government of India. Both these institutions are bound to adhere to the guidelines issued by Government of India for providing safe and secure environment to its user departments.

11.21 SOCIAL WELFARE ACTIVITIES

University, as the Center of Knowledge generation and sharing, play a very important role in solving world's problems by ensuring a sustainable tomorrow. Visit of students from the primary school of local village, i.e. Tarauna, have been organized in the University campus on various events, where they witnessed various functionalities of the University and had been a motivational factor for them to aspire towards aviation field.

To develop the togetherness amongst employees and students of the University irrespective of their positions, some common social events including diverse festivals were organized from time to time such as Vishwakarma Pooja, Christmas, Deepavali, Onam, Holi, Makara Sankranti celebrations etc. These events were organized in order to emphasize the perception of "Unity in Diversity".

At the time of enrollment of students for the various courses of the University, assistance was given to prospective candidates for availing loan facility from various banks across the nation.

12. PAWAN HANS LIMITED (PHL)

12.1 ORGANIZATION

Pawan Hans Limited was incorporated in October, 1985 (under the name of 'Helicopter Corporation of India Limited') under the administrative control of Ministry of Civil Aviation with the primary objective of providing helicopter support services to the Oil & Gas sector in offshore exploration, operate in hilly and inaccessible areas, make available charter flights for promotion of travel and tourism, setting up of Training Institute of AME, pilots, operation of Sea Plane and setting up of specialized Institute for Safety Audit and

Excellence and development of Infrastructure such as Heliports and Helipads. The Registered & Corporate Office of Pawan Hans is located at Noida and its Regional Offices are at Mumbai and New Delhi.

The Board of Directors of Pawan Hans comprises of Chairman & Managing Director and other 6 part-time Directors. These part-time Directors include two Independent Directors and 04 Government Nominee Directors i.e. JS-MoCA, JS&FA-MoCA, Executive Director, Chief Production JV Asset & BD-ONGC, ACAS (T&H)-Indian Air Force.
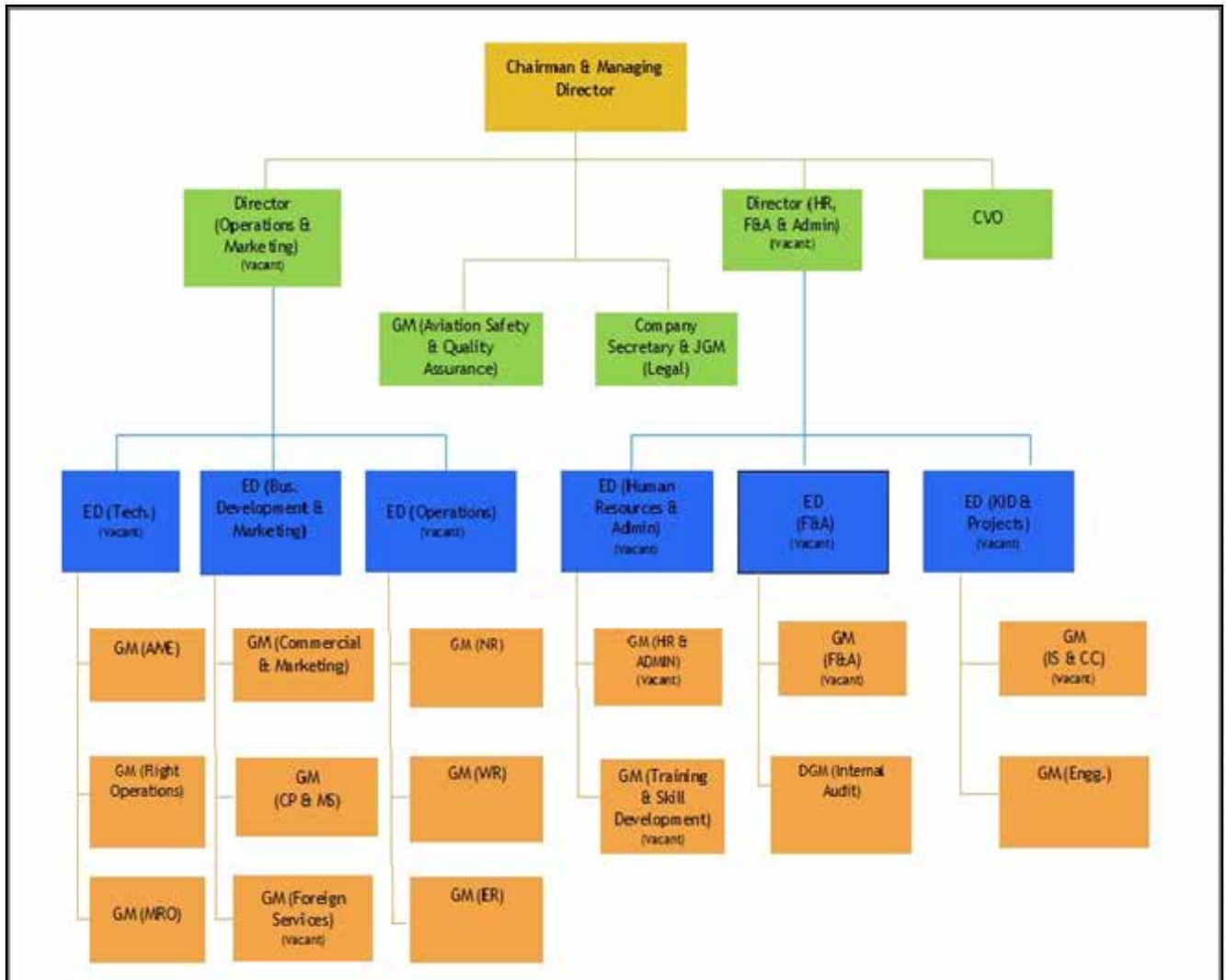
12.2 CAPITAL STRUCTURE

The authorized and paid-up share capital of the Company is Rs. 560 crores and Rs.557. 482 crores respectively. The ratio of shareholding of President of India and ONGC Ltd. is 51: 49. Net worth of PHL as on 31.03.2024 is Rs.892.49 crores (Unaudited). The equity shares of PHL have been admitted in the depository system of National Securities Depository Limited (NSDL) thereby enabling shareholders of the Company to dematerialize their share certificates. Entire shareholding of President of India in PHL comprising of 2,84,309 equity shares of Rs.10,000/- each held by President of India has been dematerialized.

12.3 FLEET PROFILE

Pawan Hans is one of Asia's largest helicopter operators having a well-balanced own operational fleet of 46 helicopters including 1 ALH/Dhruv and 04 Sikorsky S-76D helicopters on lease at present with pan India presence.

The Company's operational fleet as on 31.12.2024 comprises of the following:-

Helicopter type	No. of helicopters	Average Age (years)
Dauphin SA365N	17*	37
Dauphin AS365 N3	14	16
Bell-407	3	21
Bell 206L4	2	29
AS 350 B3	2	14
MI-172	3	17
Dhruv (LEASED)	1	15
Sikorsky S 76D (LEASED)	04	11
Total	46	

*Four Dauphin SA365N Helicopters having vintage of over 33 years which were grounded since long due to obsolescence and have been approved as impaired Assets" by the Board.

Therefore, effective operational fleet comprises of 42 helicopters only.

12.4 FLEET DEPLOYMENT

Off-shore Operations

Pawan Hans is providing helicopter Transport Services for offshore operation of ONGC for carrying its men and vital supplies round the clock to drilling rigs situated in "Bombay High" off-shore platforms.

Pawan Hans Limited (PHL) has achieved a significant milestone by securing the Notification of Award (NOA) from ONGC for the charter hiring of four Dhruv Advanced Light Helicopters (ALH) to support crew change operations. This prestigious contract spans a period of 10 years, reflecting PHL's robust capabilities and long-standing partnership with ONGC in offshore aviation services.

Further strengthening its leadership in helicopter operations, PHL has also won a contract with Oil India Limited for the deployment of two Sikorsky S-76D helicopters and one Dauphin N3 helicopter (2+1). These helicopters are deployed at Port Blair (Andaman & Nicobar Islands), dedicated to offshore logistics and medivac operations, enhancing critical connectivity and emergency response services in the region. The Company is also providing helicopter services to M/s Hindustan Oil Exploration Company Ltd. at Mumbai.

On-shore Operations

The Company is providing helicopter services to several State Governments namely, Mizoram, Maharashtra, Tripura, Sikkim, UT of Daman & Diu, Administration of Andaman & Nicobar Islands, Lakshadweep Islands and UT of Ladakh and for Charter services.

Passenger Services

Pawan Hans runs the helicopter services from Phata to the Holy Shrine of Kedarnath during the May-June and September-October seasons every year. During the year under review, Pawan Hans operated helicopter services

for Shri Hemkunt Sahib from Gobindghat to Ghagharia in Uttarakhand.

PHL has been awarded two networks under UCADA UACS scheme for providing passenger Ex-Sahastradhara (Dehradun) to Gauchar and Joshiyara.

12.5 STRATEGIC DISINVESTMENT PROCESS OF PAWAN HANS

Government of India decided for strategic disinvestment of its entire 51% shareholding in Pawan Hans Limited along with transfer of management control which is in progress and a Consortium of three members (namely Star9 Mobility Pvt. Ltd.) was declared as highest bidder on April 29, 2022. The Government of India has decided that successful bidding consortium M/s Star 9 Mobility Pvt Ltd is disqualified from the process of strategic disinvestment of Pawan Hans Ltd in terms of provisions of PIM and RFP. Further, the current EoI process for strategic disinvestment stands annulled on 3rd July, 2023.

12.6 HUMAN-RESOURCES DEVELOPMENT

The total manpower of the Company as on 31st December, 2024 was 519 (with 213 permanent employees and 306 contractual employees) which comprise of 80 pilots, 86 Aircraft Maintenance Engineers, 71 Executives, 125 Technicians and 157 other technical and non-technical employees as against 569 as on 31st March, 2023.

12.7 SAFETY MEASURES

The Company is pursuing safety in its operations and maintenance activities as a continuous process. Aviator SMS software has been introduced for online hazard reporting system. Safety Policy of the Company has also been revised to include safety as a core activity of the Company.

12.8 FINANCIAL PERFORMANCE

Financial Results

(Rupees in Lakhs)

Particulars	2023-24 (Unaudited) Amount	2022-23 (Audited) Amount
A) Revenue from Operations	37479.39	40080.03
B) Other Operating Income	1335.84	1435.93
C) Total Operating Income	38815.23	41515.96
D) Operating Expenditure		
i) Helicopter Operational & Maintenance expenses	12596.35	14212.13
ii) Employees Benefits expenses	15734.96	15758.19
iii) Other Expenses	5886.15	4272.59
Total	34217.46	34242.91
E) Operating Profit/(Loss)	4597.77	7273.05
F) Other Non-Operating Income/ (Expenditure)		
i) Other Income	5487.14	2688.76
ii) Finance Cost	(836.98)	(803.80)
iii) Depreciation & Amortization	(10373.91)	(9805.16)
Total	(5723.75)	(7920.20)
G) Net Profit/(Loss) before Tax	(1125.98)	(647.16)
H) Net Profit/(Loss) before Tax from Discontinued Operation	-	-
Total	(1125.98)	(647.16)

Particulars	2023-24 (Unaudited) Amount	2022-23 (Audited) Amount
I) (i) Deferred tax Assets/(Liabilities)	450.41	(1709.22)
(ii) Provision for Taxation	(455.58)	-
J) Other comprehensive Income/loss	(124.78)	(124.38)
K) Net Profit/(Loss) after tax	(1006.37)	(2232.00)
Net Worth	89249.02	90255.39

Dividend

Due to losses incurred during the year 2023-24, PHL has not paid any dividend for the year under review.

12.9 NEW INITIATIVES

Pawan Hans Limited (PHL) successfully launched helicopter services in Himachal Pradesh and Uttarakhand in 2019 and 2020, respectively. Building on this Momentum, PHL continuously expanded its route network by adding new routes during 2021, 2022, 2023 and 2024. Further strengthening its regional connectivity initiatives, PHL extended its services to Assam and Manipur in 2023 and 2024, enhancing air accessibility in remote and underserved areas.

The routes operationalized by PHL is under:-

- Chandigarh-Shimla-Chandigarh (Six days a week) w.e.f. 28-02-2019.
- Shimla-Kullu-Shimla w.e.f. 13.05.2019. Further extended to Shimla-Mandi-Kullu-Mandi-Shimla w.e.f. 10th December, 2021(Thrice a week).
- Shimla-Dharamshala-Shimla w.e.f. 14.05.2019. Further extended to Shimla-Mandi-Dharamshala-Mandi-Shimla w.e.f. 9th December, 2021 (Thrice a week)
- Dehradun New Tehri-Srinagar-Gauchar-Srinagar-New Tehri-Dehradun (Thrice a week) w.e.f. 29-07-2020
- Shimla-Rampur-Shimla w.e.f. 9th December, 2021 (Thrice a week).
- Dehradun-Gauchar-Dehradun w.e.f. 8th October, 2021 (Six days a week)
- Dehradun-Srinagar-Dehradun (Thrice a week)

- Dehradun-Haldwani/Pantnagar-Pithoragarh-Dehradun w.e.f. 8th October, 2021 (Six days a week)
- Dehradun-Haldwani/Pantnagar-Almora-Pithoragarh-Almora-Pantnagar/ Haldwani-Dehradun w.e.f. 26th August, 2022.
- Dibrugarh-Jorhat-Tezpur-Guwahati-Tezpur-Jorhat-Dibrugarh (3 days/week) w.e.f. 8th February, 2023.
- Imphal-Jiribam-Imphal (3 days/week) w.e.f. 13th March 2024.
- Imphal-Tamenglong-Jiribam-Tamenglong-Imphal (3 days/week) w.e.f. 13th &14th March 2024.
- Dehradun-Almora-Dehradun (6days/week) w.e.f. 10th Oct 2024.

Governments of Himachal Pradesh, Uttarakhand, Karnataka, Manipur, Arunachal Pradesh, Meghalaya, Assam, Haryana, West Bengal and Tamil Nadu have engaged the services of PHL for providing Project Management Consultancy for developing and licensing / operational authorization of the heliports under development in their respective States.

Further, MoCA has designated PHL as the nodal agency for Centralized Procurement of all equipment including Communication, Security, Visual Aids and Fire fighting for all the 31 heliports under development across the five States of Himachal Pradesh, Uttarakhand, Manipur, Assam & Arunachal Pradesh under RCS UDAN-II'.

12.10 AWARDS

At Wings India 2024, Pawan Hans was honored as the Best "NSOP-Helicopter Operator

award". The award was presented by the then Hon'ble Union Minister of Civil Aviation and Steel (HMCAS) Shri Jyotiraditya M. Scindia to Chairman and Managing Director of PHL, Shri Sanjeev Razdan in presence of the then Hon'ble Union Minister of State for Civil Aviation and Road Transport & Highways, General (Dr) V.K. Singh (Retd.), Secretary MoCA Shri Vumlunmang Vualnam, IAS and Joint Secretary MoCA, Shri Asangba Chuba Ao, IAS.

Extensive contributions of PHL to Civil Aviation sector over 39 years featured @Vibrant NE event at Guwahati. PHL received the BEST STALL AWARD FOR EMPOWERING THE COMMUNITY from H.E. Mr. Thabang Linus Kholumo, Charge d' Affairs of the High Commission of Kingdom of Lesotho.

On the occasion of 9th IMA Awards at New Delhi, Pawan Hans was honoured with the "Best Aviation Company" award in recognition to the valuable contributions to the India's civil aviation sector & tourism sector spanning over 39 years by TravTour India MICE Awards.

12.11 EMERGING SCENARIO

Pawan Hans Limited is the largest helicopter Company in India and its operating and maintenance standards are of a high order. Pawan Hans's relentless pursuit continued in achieving excellence by effecting all round improvement in safety and performance.

12.12 HELIPORT IN DELHI

Pawan Hans Limited has developed and operationalized India's First Integrated Heliport in Rohini, Delhi.

In view of the land for Rohini Heliport was allotted by DDA directly in the name of Ministry of Civil Aviation on long term lease,

the heliport at Rohini shall not form part of the proposed transaction of strategic sale/disinvestment. Therefore, the Ministry of Civil Aviation has decided that the Rohini Heliport assets shall be hived off from PHL's books before the completion of strategic divestment process to a special purpose vehicle.

The Scheme of Demerger for Rohini Heliport from Pawan Hans Limited to Rohini Heliport Limited on a going concern basis has been approved vide order dated 29.8.2022 passed by Jt. Secretary, Ministry of Corporate Affairs (MCA) with the appointed date of demerger as 1.4.2022. The Demerger Scheme is effective from 26.09.2022. Effect of Demerger has been reflected in the Financial Statements of Pawan Hans Ltd. as well as Rohini Heliport Ltd. for F.Y. 2022-23. From appointed date (1.4.2022) the business of Rohini Heliport is being carried on by PHL on behalf of RHL. For implementing the Demerger, other required steps are being taken.

12.13 SWACHH BHARAT MISSION

Pawan Hans celebrated the Special Campaign 4.0 "Swachhata Hi Seva" from October 2nd to October 31st 2024 under the supervision of MoCA. During the event, various activities were carried out, including extensive cleanliness drives, waste reduction, scrap

PHL employees participating in Special Swachhata Campaign

disposal tree plantation initiatives, closing of pending matters and weeding out physical and e-files. As a part of the initiative and contributing to the "Swachhata Hi Seva" special campaign, PHL also organized "Shramdan", "Swachhata Hi Seva" Road show, a cleanliness drive at its corporate office, regional offices and bases.

12.14 POLLUTION CONTROL

Pawan Hans is endeavoring to maintain a pollution free environment and has been planting trees around its office premises in Noida, Delhi and Mumbai.

Pawan Hans Ltd. organized a plantation drive by planting 100 saplings with a theme "Ek Ped Maa Ke Naam" under the leadership of CMD Shri Sanjeev Razdan at lawn above the underground parking in Sector 5, Noida in association with the Noida Authority, Govt. of Uttar Pradesh. Pawan Hans Ltd. also organized a plantation drive in Mumbai office with a theme "Ek Ped Maa Ke Naam"

12.15 WOMEN WELFARE

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has in place, a committee for prevention prohibition and redressal of sexual harassment at workplace. All women employees are regularly given awareness on Prevention of Sexual Harassment at Workplace through PoSH experts. Various initiatives/competitions/women's day celebration are being organized within the organization. Women employees are encouraged to perform extra mile, recently

03 women employees nominated for "Women Achievers in field of Aviation in India".

12.16 STEPS TAKEN TO IMPROVE PUBLIC GRIEVANCE REDRESSAL MACHINERY

Pawan Hans mainly has long term contracts with selected customers like ONGC, State Governments and PSUs etc. Therefore, complaints received are minimal and are being dealt with promptly within the stipulated time. Pawan Hans has a prescribed public grievance procedure including CPGRAMS to settle any public grievance. Further there exists a Public Grievance Redressal Machinery dealing with the complaints by Nodal Officer at Corporate Office and Grievance Officer at Regions.

12.17 REPRESENTATION OF SC/ST AND OBC AS ON 31.12.2024

Total No. of Empls.	Total SC Empls.	% age	Total ST Empls.	% age	Total OBC Empls.	% age
213	43	20.19%	21	9.86%	26	12.21%

12.18 HELICOPTER SERVICES IN THE NORTH EAST

Pawan Hans Ltd. is providing helicopter services to several State Governments namely Mizoram, Tripura and Sikkim and North Eastern Regions. Pawan Hans Limited has also launched helicopter services under RCS Scheme in Assam (3 days a week) on the route of Dibrugarh-Jorhat-Tejpur-Guwahati-Tejpur-Jorhat-Dibrugarh. Further, helicopter services under RCS Scheme have also been launched in Manipur in the month of March, 2024.

12.19 FACILITIES TO PERSONS WITH DISABILITIES

Besides following the Government of India Guidelines for granting the relaxation in recruitment, Pawan Hans Limited has made available various facilities for Persons with Disabilities like Toilets, Ramps, Lifts, Wheel Chairs etc. in the infrastructure at its Corporate Office, Northern Region and Western Region and facility of E- rickshaw to commute between different buildings etc. at Rohini Heliport in Sector 36, Delhi has also been provided to Persons with Disabilities (PwD).

In line with Government of India Guidelines, PwD employees have been extended payment of Additional Travelling Allowance at double the rate than other employees with effect from 10/06/2020.

12.20 VIGILANCE ACTIVITIES

The Company has a Vigilance Department headed by Chief Vigilance Officer. Vigilance Department has been actively pursuing its role in Preventive, Punitive, and Participative Vigilance as well as carrying out activities under Surveillance and Detective Functions.

To ensure transparency in the procurement processes, Integrity Pact has been adopted as per the guidelines of Central Vigilance Commission. In order to leverage technology, e-tendering, e-ticketing, e-payment and file tracking have been implemented.

Continuous monitoring, scrutiny of returns and investigations carried out by Vigilance department have motivated all in the organization to follow rules/guidelines and boosted the morale of honest and hard-working employees.

During the period, Vigilance Department enquired into several important cases and necessary systemic improvements were suggested to the management for their implementation to enhance transparency and accountability in the Company.

Vigilance department has also carried out periodical inspections of Bases/Regions of the company as a preventive vigilance measure to improve and simplify the existing procedures and practices prevailing in the organization.

On direction of CVC, Vigilance Awareness Week was organized from 28th Oct to 3rd Nov 2024 with the theme "Culture of Integrity for Nation's Prosperity" "सत्यनिष्ठा की संस्कृति से राष्ट्र की समृद्धि". Vigilance Department has also organized training programmes on Ethics & Governance, Conduct Rules, System & Procedure of PHL, Cyber hygiene & Security and Procurement internally as well as by engaging outside expert faculty. A large number of officials as well as new inductees have attended the said trainings at the Corporate Office, Noida, Northern Region, New Delhi and Western Region, Mumbai.

12.21 USE OF OFFICIAL LANGUAGE

During the year under review, the Company has made significant progress towards implementation of various provisions of Government's Official Language Policy by celebrating Hindi Day/Pakhwada, holding Hindi Workshops and granting monetary incentives to winners of various competitions organized on the occasion of Hindi Pakhwada (14th –

28th September, 2024) besides complying with Section 3(3) and other provisions under the Official Language Act, 1963 as also of the Official Language Rules, 1976. The company has been rewarded Second prize for Pawan Hans in-house magazine "Hansdhwani" in the Competition organized by the Ministry of Civil Aviation for its subordinate offices for the year 2024.

12.22 CITIZEN CHARTER/WELFARE OF SENIOR CITIZENS

The Company has published Citizen's Charter on its website as per the format prescribed by the Ministry of Civil Aviation. Pawan Hans has been looking after Welfare of Senior Citizens by providing assistance to them wherever required during helicopter operations.

12.23 COMPLIANCE TO CYBER SECURITY GUIDELINES

Based on the advisories received from National Cyber Security Advisors, PHL has taken proactive measures to implement the recommended guidelines and strengthen our cyber security posture. Key updates include:-

- Implementation of Guidelines: Actions have been taken to incorporate the advisories into our cybersecurity framework, ensuring alignment with national best practices.
- Policy Updates: Existing security policies and protocols have been revised to reflect the latest guidance from the National Cyber Security Advisors.
- Training and Awareness: Enhanced training sessions and awareness initiatives have been conducted to familiarize employees with the updated cybersecurity measures.
- Enhanced Monitoring: Continuous monitoring tools and practices have been reinforced to detect and address risks in line with the recommendations.
- Incident Readiness: Response and recovery plans have been reviewed and tested to ensure preparedness for potential threats.

PHL will continue to monitor and implement future advisories as they are received, ensuring the organization remains compliant and secure.

13. ACCOUNTING ORGANIZATION IN THE MINISTRY

13.1 Secretary (Civil Aviation) is the Chief Accounting Authority of the Ministry of Civil Aviation. He discharges his functions through and with the assistance of the Joint Secretary & Financial Adviser (JS&FA) and the Chief Financial Controller of the Ministry.

13.2 The Chief Financial Controller is the "Head of Department" for accounting organization and functions under the overall supervision and control of Financial Advisor.

As per para 1.3 of Civil Accounts Manual the Chief Financial Controller, for and on behalf of the Chief Accounting Authority is mainly responsible for:-

(a) Arranging all payments through the Pay and Accounts Offices/Principal Accounts Office except where the Drawing and Disbursing Officers are authorized to make certain types of payments.

(b) Compilation and consolidation of accounts of the Ministry and their submission in the prescribed form, to the Controller General of Accounts; preparation of Annual Appropriation Accounts of the Demands for Grants of his Ministry, getting them duly audited and submitting them to the CGA, duly signed by the Chief Accounting Authority.

(c) Arranging internal inspection of payment and accounts records maintained by the various subordinate formations and Pay and Accounts Offices of the Ministry.

The Accounting organization comprises of the Principal Accounts Office, Five Pay & Accounts Offices (two in Delhi and one each at Mumbai, Chennai & Kolkata) and an Internal Audit Wing located at New Delhi.

(i) Budgetary provision for MoCA for the financial year 2024-25 given as under:

(Rs. In Crores)

Revenue Section	2257.79
Capital Section	99.35
Total	**2357.14**

(ii) Budgetary provision for MoCA for the financial year 2025-26 given as under:

(Rs. In Crores)

Revenue Section	2330.31
Capital Section	70.00
Total	**2400.31**

13.3 PRINCIPAL ACCOUNTS OFFICE

The Principal Accounts Office of Ministry of Civil Aviation is mainly responsible for:

- Consolidation of the accounts of Ministry of Civil Aviation as per provisions of Civil Accounts Manual and in the manner prescribed by the Controller General of Accounts.

- Preparation of Monthly Accounts and Annual Appropriation Accounts of the Demand for Grants of Ministry of Civil Aviation, submission of Statement of Central Transactions and the materials for the Finance Accounts to the Controller General of Accounts, Ministry of Finance.

- Issue of Inter Departmental Authorisation to various agent Ministries such as Ministry of External Affairs, Ministry of Urban Development, Ministry of Information and Broadcasting.

- Rendition of technical advice to Pay & Accounts Office and maintaining necessary liaison with office of the Controller General of Accounts for overall co-ordination and control in accounting matters.

- Preparation of Receipt Budget & Pension Budget.

- Coordination of the work related to PFMS, NTRP and implementation of CNA/SNA module.

13.4 PAY & ACCOUNTS OFFICE

Pay & Accounts Offices under the Ministry of Civil Aviation are responsible for releasing of funds, expenditure control, and other receipts & payment functions as under:-

- Pre-check of bills submitted by Non-cheque Drawing & Disbursing Officers (NCDDOs) of the Ministry, for payment.
- Assignment of funds to Cheque Drawing & Disbursing Officers (CDDOs) to operate to a certain level through issue of "LETTER OF CREDIT". Chief Commissioner of Railway Safety at Lucknow with Commissioner of Railway Safety offices at Bengaluru, Kolkata and Mumbai are the four CDDOs.
- Release/ payment of Grants-in-aid/ equity to Autonomous Bodies/ Public Sector Undertaking under the administrative control of Ministry of Civil Aviation.
- Compilation of the monthly account based on the receipts collected and the payments authorized by them after duly reconciling and incorporating the accounts of cheque Drawing & Disbursing Officers (CDDOs) and submit it to the Principal Accounts Office.
- Maintenance of General Provident Fund accounts, and remittance of New Pension Scheme contribution to trustee banks. Settlement of Inward and outward claims. Authorization/ Payment of pension, family pension, commutation, gratuity, leave encashment etc to the retiring employees.
- Making available accounting information to all concerned authorities/ divisions.
- Review of balances under DDS& R heads.

13.5 INTERNAL AUDIT

The Internal Audit Unit works directly under the Chief Financial Controller with overall responsibility remaining with the Financial Advisor and the Secretary of the Ministry. Internal Audit Wing is common for Ministry of Civil Aviation and Ministry of Tourism having sanctioned strength of four Assistant Accounts Officers and four Accountants/Sr. Accountants.

The role of the internal audit organization is to test check the initial account maintained in the executive offices to ascertain the extent of application of the rules & regulations, system and procedure in accounting and financial matters. In accordance with the audit objectives and internal audit standards, internal audit is carried out on the principle of random sampling. Internal Auditing is an independent operation and aims at helping the organization to accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of Risk Management, control and governance processes. The Principal Accounts office, Pay and Accounts Offices as well as the offices of the Drawing and Disbursing Officers in Ministry of Civil Aviation are within the jurisdiction of Internal Audit. In addition to these offices Internal Audit Wing is required to audit the Autonomous Bodies/Grantee Institution.

The position of outstanding paras of Internal Audit is as under.

Total Units as on 31.12.2024	Outstanding paras as on 31.12.2024
64	492

13.6 REDRESSAL OF GRIEVANCES:

The Principal Accounts Office mainly receives grievances from Pensioners/ Family Pensioners & CPGRAM Portal. In addition to this, grievances are also received through mail / post. The majority of the grievances pertain to release of Pensionary benefits. To minimize such grievances, special attention is being given by Principal Account's office.

13.7 INITIATIVES FOR DIGITISATION OF PAYMENTS AND RECEIPT:

In accordance with the guidelines issued by the Ministry of Finance and Controller General of Accounts, the accounting

organisation of Ministry of Civil Aviation has fully operationalized the payment deliverance platform by complete roll out of Public Financial Management System (PFMS) for overall improvement and transparency in the accounting function up to the implementing agency level.

In the budget announcement by Honorable Finance Minister, e-bill facility for electronic bills have been initiated from the office of CGA. This e-bill has been implemented in all the Pay and Accounts Offices under Ministry of Civil Aviation and bills have been processed from e-bill module.

13.8 PUBLIC FINANCIAL MANAGEMENT SYSTEM

The Public Financial Management System (PFMS) works with the objective of establishing an online Financial Management Information and Decision Support System for tracking funds released under various schemes of Government of India.

PFMS being a centralized and fully operationalized IT application for fund transfer is in a position to facilitate "Just in time budget release" and complete monitoring of utilization of funds up to end level beneficiaries. As per directions of Ministry of Finance autonomous

bodies/grantee institutions are also requested to operate PFMS through CAN/SNA module.

The position of PAO, CDDO, NCDDO in respect of the Ministry are as under:

No. of PAOs	No. of CDDOs	No. of NCDDOs
05	04	59

All the PAOs and DDOs have on boarded of PFMS and implemented its EIS module. All related reports are being generated through PFMS.

13.9 NON TAX RECEIPT PORTAL (NTRP)

The Non Tax receipt portal developed by Controller General of Accounts is a comprehensive end to end solution to overcome the delays and inefficiencies of the manual system. In order to abide by the guidelines of the Digital India initiative Ministry of Finance Department of Economic Affairs has universalized the use of NTR Portal under Bharatkosh to collect all Non-Tax revenue receipt through electronic mode. In compliance thereof Ministry is now integrated with NTR Portal facilitating the online remission of Revenue receipts through Bharatkosh. All the fees, dividend, guarantee fees etc are now flowing through NTRP. A sum of Rs.1031.41 Crores has been received through NTRP as on 31.12.2024.

14. WELFARE OF WOMEN

14.1 INTRODUCTION

The Ministry of Civil Aviation has taken suitable measures relating to women's welfare and convenient and hassle free working environment to the women members of the staff. The Ministry of Civil Aviation and organizations under its administrative control have constituted Internal Complaints Committee to examine complaints relating to sexual harassment of women at work places and to suggest remedial measures to prevent such harassment. The position of women's welfare/ cases of sexual harassment in the Ministry and its organizations is being monitored periodically and necessary action is taken wherever called for.

14.2 DIRECTORATE GENERAL OF CIVIL AVIATION

Under the Women Welfare initiative, vending machines for sanitary napkins, along with incinerators, were installed at a total cost of ₹4,12,970/-.

14.3 COMMISSION OF RAILWAY SAFETY

The offices of the Commission of Railway Safety are generally located in premises of local Railway office. The complexes and facilities provided there such as toilets, crèche, tiffin room etc. are availed by the female employees of the Commission also. The instructions on welfare of women employees, issued by Government of India from time to time are being strictly implemented.

14.4 AIRPORTS AUTHORITY OF INDIA

With an objective to encourage wider women participation in recruitment activities, AAI does not charge any registration fee from women candidates in all its recruitment activities. In a continuous effort to provide more supportive environment to women employees, AAI's management took a decision to extend the benefits of maternity leave to its women employees in case of surrogacy with IVF.

Keeping in view of safety and security of women employees in AAI, provision of Hostel Accommodation to single female employees has been introduced.

14.5 INDIRA GANDHI RASHTRIYA URAN AKADEMI

IGRUA has eighteen women employees (1 Regular + 17 Contractual) and their welfare is being looked after through normal administrative channels. An Internal Complaints Committee (ICC) is in place to deal with complaints regarding sexual harassment at work place.

14.6 PAWAN HANS LIMITED

As per provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the rules framed there under, the Company has in place, a committee for prevention prohibition and redressal of sexual harassment at workplace. All women employees are regularly given awareness on Prevention of Sexual Harassment at Workplace through PoSH experts. Various initiatives/competitions/ women's day celebration are being organized within the organization.

Women employees are encouraged to perform extra mile, recently 03 women employees nominated for "Women Achievers in field of Aviation in India".

14.7 AIRPORT ECONOMIC REGULATORY AUTHORITY OF INDIA

AERA has 28 Women employees comprising of officers/staff on deputation from Central

Government & other organizations and support staff working on outsourced basis. Adequate women welfare measures like provision of transport/ vehicle for pick up/ drop at home in case of medical emergency or early arrival/ late departure from office due to official exigencies of work; organization of talk/ on specific women health issues by Gynaecologist; dedicated female housekeeping staff for female washrooms etc. have been made available in the office premises.

14.8 RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

For the safety of girl students and women employees at the University campus (both academic as well as residential campus), an Internal Complaints Committee (ICC) has been constituted in accordance with the provisions of the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013". The broad functions of the ICC are to take note of any violation of the basic principles of gender sensitivity and gender justice in the University campus and act against the same as deemed appropriate. Keeping in view the safety and security of girl students, the hostel accommodation has been divided into two parts by creating partition in between the girls and boys hostel area. Also, provision of CCTV cameras, Asst. Lady Warden and Lady Security Guards are available for safety and security of girl students in the Hostel block.

15. FACILITIES TO PERSONS WITH DISABILITIES

15.1 IMPLEMENTATION OF GUIDELINES

In line with the national and international commitment for creating a fully accessible built environment, the Ministry of Civil Aviation undertook the significant initiative of developing the 'Accessibility Standards and Guidelines for Civil Aviation, 2022.' These guidelines have been meticulously crafted to address the specific accessibility requirements of individuals with disabilities, the elderly, women, children, and other user groups with unique needs, within the context of the built environments and services associated with air travel. The overarching objective of these guidelines is to pave the way for universally accessible and inclusive air travel.

To realise this vision, the Ministry of Civil Aviation has collaborated closely with the Ministry for Social Justice and Empowerment to formulate harmonised guidelines and space standards for creating barrier-free built environments and services, particularly tailored to the needs of Persons with Reduced Mobility (PRMs) at airports across India.

These comprehensive guidelines encompass a comprehensive set of accessible features and services that must be provided by airport operators, airlines, and security agencies. The 'Accessibility Standards and Guidelines for Civil Aviation' have been formally approved and subsequently published via an official notification dated January 9, 2023, in the Gazette of India. This notification mandates compliance with the stipulated guidelines.

15.2 AIRPORTS AUTHORITY OF INDIA

AAI has undertaken the concreted efforts to take forward the vision of the Accessible India Campaign by ensuring fully accessible infrastructure for Divyangjans at airports.

Ambulift facility was also introduced at AAI Airports to facilitate the passengers with medical emergencies and reduced mobility. Accessibility Standards and Guidelines for Civil Aviation is also prepared and published in public domain before Gazette Notification; which will help in making all Indian Airports more accessible for millions of users.

15.3 DIRECTORATE GENERAL OF CIVIL AVIATION

DGCA has issued Civil Aviation Requirements (CAR), Section 3 – Air Transport, Series 'M' Part I on Carriage by Air of Persons with Disability and/ or Persons with Reduced Mobility. This CAR establishes regulations for the protection of and provision of assistance to disabled persons and persons with reduced mobility traveling by air in order to protect them against any form of discrimination and to ensure that they receive all possible assistance with due respect and dignity.

15.4 PAWAN HANS LIMITED

Besides following the Government of India Guidelines for granting the relaxation in recruitment, Pawan Hans Limited has made available various facilities for Persons with Disabilities like Toilets, Ramps, Lifts, Wheel Chairs etc. in the infrastructure at its Corporate Office, Northern Region and Western Region and facility of E- rickshaw to commute between different buildings etc. at Rohini Heliport in Sector 36, Delhi has also been provided to Persons with Disabilities (PwD).

In line with Government of India Guidelines, PwD employees have been extended payment of Additional Travelling Allowance at double the rate than other employees with effect from 10/06/2020.

15.5 COMMISSION OF RAILWAY SAFETY

Commission follows all Government of India's instructions for facilitating the persons with Disabilities.

15.6 INDIRA GANDHI RASHTRIYA URAN AKADEMI

The guidelines issued by Ministry of Social Justice & Empowerment on Persons with Disabilities has been implemented and due consideration is being given to disabled persons, wherever possible.

15.7 RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

To provide easy access to persons with disabilities, ramps have been provided in the academic building. Similarly, flooring with tactile tiles have been done to guide visually impaired users. Separate toilets have also been made for easy use by persons with physical disabilities in Academic building of RGNAU. Adequate lighting is provided in all areas of academic building to help visually impaired persons. Also, provision of lifts has been made in hostel and residential blocks of the University.

15.8 AIRPORT ECONOMIC REGULATORY AUTHORITY

As on December 31, 2024, no person with disabilities is employed in AERA. However, office of the Authority is enabled to facilitate people with disabilities as per government guidelines including the AERA website www.aera.gov.in, which is disabled friendly.

16. REPRESENTATIVE OF INDIA (RoI) IN THE COUNCIL OF ICAO

16.1 OFFICE OF REPRESENTATIVE OF INDIA AT ICAO

India maintains a permanent office of the Delegation of India in ICAO which comprises the Representative of India (ROI), Technical Advisor, and two other local staff.

- **Representative of India:** Mr. Angshumali Rastogi.

- **Technical Advisor to ROI:** Mr. Sandeep Kathuria.

Additional responsibilities of ROI in the ICAO Council.

- **Chair of the Committee on Cooperation with External Parties (CCEP)**

  The ICAO Committee on Cooperation with External Parties (CCEP) oversees ICAO's engagement with external entities, including international organizations, industry stakeholders, and non-governmental bodies. It ensures that such cooperation aligns with ICAO's objectives and enhances global civil aviation.

- **Vice Chair of Finance Committee (FIC)**

  The ICAO Finance Committee reviews and advises the Council on financial matters, including budgeting, assessments, and financial regulations. It ensures the organization's financial stability and transparency in resource allocation.

16.2 CONTRIBUTIONS TO THE ICAO REGULAR BUDGET IN 2024 & COMMITMENT IN 2025

As a member State, India contributed of CAD 672,882 and USD 362,321 to the ICAO regular budget in 2024. India would contribute CAD 716,551 and USD 369,132 in 2025 to the ICAO regular budget.

16.3 COUNCIL AND ANC SESSIONS OF 2024

The following sessions of the Committee and the Council phase were held/scheduled from January to December 2024:

Session No.	Committee Phase	Council Phase
231st Session	31st Jan to 15th Feb 2024	16th Feb to 22nd Mar 2024
232nd Session	08th May to 17th May 2024	10th Jun to 21st Jun 2024
233rd Session	23rd Sep to 04th Oct 2024	09th Oct to 08th Nov 2024
233rd Session (Extraordinary)	05th Dec 2024 in Chicago USA	

Meetings of the Air Navigation Commission (ANC) were held in parallel during the Committee/ Council phase to prepare Papers on Technical matters for the Council. The ANC meetings are attended by the Technical Advisor to ROI as a State observer.

Many important decisions have been taken in these sessions and Indian Delegation actively participated in all sessions. Throughout the year updates on important issues like Safety, Security, LTAG, CORSIA review, Cybersecurity, Space Weather Information Service: Cost recovery, amendments to SARPs etc. arising out of Council and ANC were flagged to MOCA, DGCA, & other stakeholders through emails, reports, newsletters, etc.

16.4 IMPORTANT EVENTS OF 2024

a) 2024 ICAO Innovation Fair "Digital Aviation: The Future is Now"

The theme of the 2024 ICAO Innovation Fair was "Digital Aviation: The Future is Now" and was held over three days at ICAO headquarters on 12th, 13th, and 14th March 2024. The Fair brought together representatives of States, international organizations, industry, private sector, academia, aviation research, United Nations, and non-governmental organizations (NGOs) to have substantive conversations on innovation in aviation and how to adjust systems, processes, and structures to better ensure future innovation brings value for aviation and its contribution to States achievement of the United Nations Sustainable Development Goals.

The keynote address at the Innovation Fair 2024 was delivered by Mr. Vumlunmang Vualnam, Secretary of Civil Aviation, India. His impactful speech highlighted the significant advancements in India's aviation sector, its promising future and the growing integration of innovation, particularly the digital transformation of the industry. Mr. Vualnam praised ICAO for its role in promoting innovation, as the aviation world rapidly adopts digital solutions to enhance security, safety, efficiency, and passenger convenience. Throughout the event, industry leaders, startups, academia, and research centers shared their experiences in developing and experimenting with cutting-edge digital technologies and services for aviation.

b) 14th Air Navigation Conference AN/Conf-14 (26 Aug- 06 Sep 2024)

The theme of the conference was *"Performance Improvement Driving Sustainability"*, the objective of the Conference was to reach a global consensus on performance

improvement initiatives that will best allow ICAO, Member States and industry to address, in the context of constrained resources, aviation's global environmental challenges and the rapid evolution in aviation operations and technologies.

The AN/Conf-14 registered 871 participants nominated by 110 Member States and 28 international organisations. The 10-day event received a lot of enthusiasm from the aviation industry and member states since the major event was being held after 06 years. The conference was attended by officers from Airports Authority of India and DGCA. A total of 205 Working Papers were submitted by the member states and industry, for consideration

by the Conference. The Conference was well structured with 04 major Agenda items.

- **Agenda Item 1:** Update on the ICAO 2023-2025 Business Plan and long-term strategic planning: Informed the aviation community of the work that is already prioritized and underway in the ICAO 2023-2025 Business Plan

- **Agenda Item 2:** Timely and safe use of new technologies: Held detailed technical discussions on new initiatives, leading to agreement on a set of high-level recommendations in the field of air navigation and safety

- **Agenda Item 3:** Air navigation system performance improvement: Addressing the safe integration of space transport operations into the airspace system

- **Agenda Item 4:** Hyper-connectivity of air navigation system: Validation, standardization and implementation of the connected aircraft concept and air-ground connectivity strategy

- c) **1st Advanced Air Mobility Symposium (AAM 2024) from 9 to 12 September 2024**

The First Advanced Air Mobility Symposium (AAM 2024) was held from 9 to 12 September 2024, in Montréal, Canada. The theme of the event was "Advanced air mobility (AAM) global harmonization and interoperability: Challenges and opportunities".

The symposium built upon the developments of DRONE ENABLE with attention given to

concepts for AAM, electric vertical take-off and landing (eVTOL) aircraft, vertiports, automation, trust framework and airspace integration. Several dimensions to these new mobility concepts and infrastructure were discussed during 04-day event.

AAM 2024 provided a platform to all the key stakeholders from industry, academia,

government and international organizations in advanced air mobility, as well as unmanned aircraft systems (UAS), sectors to exchange research, best practices, lessons learned and respective challenges. Conference was apprised of the ongoing ICAO activities related to AAM, including UAS, which need to be addressed collectively in order to facilitate their integration into the global aviation system. The event was huge success with participation of more than 1000 participants from aviation industry and member states. The event was attended by officers from DGCA India.

d) The ICAO 2024 Long-Term global Aspirational Goal (LTAG) Stocktaking event 7 to 10 October 2024

The ICAO 2024 Long-Term global Aspirational Goal (LTAG) Stocktaking event on aviation CO2 emissions reductions was held at ICAO Headquarters in Montréal, Canada from 7 to 10 October 2024, as an in person event.

The 2024 ICAO LTAG Stocktaking continued the success of the annual ICAO Stocktaking events held since 2019 and provided a response to the 41st Session of the ICAO Assembly request to monitor the progress towards the achievement of the collective LTAG for international aviation of net-zero carbon emissions by 2050, as well as the Third Conference on Aviation and Alternative Fuels (CAAF/3) request, to monitor the implementation of the ICAO Global Framework for Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuels (LCAF) and other aviation cleaner energies.

This four-day event covered all aviation in-sector CO2 emission reduction measures and innovations, including technologies, operations, fuels, cleaner energies, and financing, showcasing the latest information from States, industry and other stakeholders in view of monitoring progress on the implementation of all elements of the basket of measures towards the achievement of the LTAG, in line with Assembly Resolution A41-21, paragraph 9.

Following the adoption of the ICAO Global Framework at CAAF/3 in November 2023, this event focused, in particular, on SAF, LCAF and other aviation cleaner energies, in view of implementing the Framework.

The event was attended by Officers from Airports Authority of India. India's achievements in harnessing green energy initiatives were presented, which highlighted the country's commitment to sustainable practices in the aviation sector. The significant strides made in integrating renewable energy solutions, reducing carbon emissions, and promoting eco-friendly infrastructure across Indian airports were also discussed. India also presented ongoing projects and future plans

aimed at further advancing the adoption of clean energy technologies in line with India's climate goals.

e) Symposium and Exhibition on the ICAO Traveller Identification Programme (TRIP) 13-15 November 2024

The Symposium and Exhibition on the ICAO Traveller Identification Programme (TRIP) took place from 13-15 November 2024 at ICAO Headquarters in Montréal.

The TRIP Symposium was a world-class event which enabled the exchange of information on all aspects of traveller identification management. It highlighted the need to enhance international cooperation and collaboration to facilitate the traveller's journey while addressing the multiple threats faced by international civil aviation. The event reiterated the improvement of the passenger experience by promoting the global regulatory framework established by the provisions of Annex 9 – Facilitation to the Convention on International Civil Aviation, and linking it to the new technology tools available on the market.

The conference focused on recent global circumstances which have driven advancements in technologies and the digitization of various processes, fostering improved interactions

between passengers and border authorities. The deployment of these cutting-edge technologies which has played a crucial role in empowering authorities to enhance their border control measures were discussed during the event. The event served as a platform for States and organizations to share insights into best practices, specifications, and technical mechanisms for the successful application and utilization of biometrics.

India's remarkable achievement 'DigiYatra' was presented to the symposium, which received widespread appreciation. It was informed that as of now, DigiYatra is being implemented at select airports in India, and the plan is to expand it further, including for international passengers. For international travelers, the biometric system aims to streamline immigration and other formalities, thus making travel smoother, particularly for those traveling to and from India. The initiative is also expected to enhance efficiency, improve service quality, and support India's goal of becoming a leader in digital innovation in the aviation sector.

f) International Day of Yoga at ICAO

The Delegation of India celebrated the International Yoga Day in ICAO with great fanfare. The event was held on 21 June 2024 and was very well attended by ICAO President, Secy. General, Council Members, Air Navigation Commissioners and other staff members of

ICAO. A cultural event was organized in the evening which brought everybody to the floor swaying to Indian beats. Indian cuisine, a popular choice was another attraction of the event. Regular Yoga classes are also being conducted at ICAO every Tuesday.

g) Asia Pacific Nations Pledge to Sustainable Aviation Future at Historic Ministerial Conference in New Delhi

On September 12, 2024, Asia-Pacific nations committed to a transformative shift towards sustainable aviation, enhanced safety, and technological innovation at the 2nd high-level Asia-Pacific Ministerial aviation conference held at New Delhi. The occasion was graced by the august presence of the Honorable Prime Minister Shri Narendra Modi ji. The Honorable Minister of Civil Aviation of India, Shri Kinjarapu Ram Mohan Naidu, was elected Chairperson of the conference, while the Honorable Deputy Prime Minister and Minister for Tourism and Civil Aviation of Fiji, Viliame Rogoibuli Gavoka, was elected as Vice Chairperson.

At the Second Asia Pacific Ministerial Conference on Civil Aviation in New Delhi, co-hosted by the International Civil Aviation Organization (ICAO) and the Government of India, Ministers and high-level officials took a pivotal step toward shaping the region's aviation future. The Delhi Declaration, endorsed by 29 countries, establishes ambitious goals for the future of air travel in one of the world's fastest-growing regional aviation markets.

"This declaration is a roadmap for the future of aviation in one of the world's fastest-growing regions," said ICAO Council President Salvatore Sciacchitano. "It demonstrates a collective will to embrace innovation while prioritizing safety, security, and environmental responsibility."

The central focus of the Delhi Declaration is the accelerated reduction of aviation's environmental impact. This commitment was symbolically reinforced by India's initiative to plant 80,000 trees in honor of ICAO's 80th anniversary. The declaration also highlights the importance of advancing gender equality within the sector. India is leading with 15% of its pilots being women, three times the global average, though further efforts are needed to ensure gender equity across the region and meet the sector's rapidly expanding human resource needs.

The Declaration outlines several key commitments, including:

- Supporting the implementation of ICAO's global plans for safety, air navigation, and aviation security.
- Accelerating the adoption of new technologies to enhance safety and efficiency.
- Investing in infrastructure to support sustainable growth and emerging aviation concepts.
- Promoting gender equality across all levels of the aviation sector.
- Reducing emissions and other environmental impacts of aviation.
- Enhancing regional cooperation in air traffic management, search and rescue, and aviation security.

h) Safe Skies. Sustainable Future: Together for the next 80 years

The ICAO 80th anniversary event was celebrated in Chicago, Illinois, on December 4th and 5th, 2024, in the very room where

the 1944 Convention on International Civil Aviation was held at the Stevens Hotel, now the Chicago Hilton. Under the theme "Safe Skies. Sustainable Future: Together for the next 80 years," ICAO convened an Extraordinary Session of its governing body, the Council, on the morning of December 5th. December

The significance of the gathering was reflected upon by Council President Sciacchitano,

than a diplomatic achievement. It was an act of profound hope and courage. It was understood by those delegates that aviation could either divide humanity or unite it, Unity was chosen."

Building on this powerful reflection, Secretary General Salazar addressed the audience on this year's anniversary theme, "Safe Skies - Sustainable Future," which reflects our long-standing aspirations and dedication to achieving the goals of zero fatalities and net-zero carbon emissions. It is seen as a call to action in the enduring spirit of cooperation that has defined our industry since its inception.

Speaking on the occasion, the Representative

7th, 2024, will mark the 80th anniversary of the signing of the Convention on International Civil Aviation in Chicago, United States. For eight decades, this defining international agreement has served as the foundation for the development of the global civil aviation system, benefiting all nations.

who expressed, "The signing of the Chicago Convention on December 7,1944, was more

of India reiterated India's commitment to the principles of the Convention, which have guided its aviation policies for eight decades, with continuous contributions to ICAO's mission. Under the leadership of Prime Minister Modi, India's aviation sector has transformed, with ongoing initiatives aimed at promoting sustainable practices, safety, and innovative technologies. ICAO's 80th anniversary was celebrated with the planting of 80,000 trees and the adoption of the Delhi Declaration, which will promote regional cooperation and the sustainable growth of civil aviation in the Asia-Pacific region.

2nd APAC-MC
2024

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MINISTRY OF
CIVIL AVIATION