



Civil Aviation Authority of Nepal (CAAN)

Babarmahal, Kathmandu



# CAAN Report 2019-20



# CAAN : Institutional Profile

Name:	Civil Aviation Authority of Nepal (CAAN)
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Type :	Authority
Date of Establishment:	31 December 1998
Legal Status:	Civil Aviation Act, 2015 (1959 AD) - Statutory Regulations Civil Aviation Authority of Nepal Act, 2053 (1996)- Establishment
Main Functions:	Issuance of Operating Certificate to airlines and other aviation business, Issuance of license and certificates to aviation personnel, Aviation safety and security oversight, Regulation of air transport, Providing Air Navigation Services, Construction, management and operations of aerodromes, Implementation of ICAO SARPs, PANS and other Guidance Materials

## Affiliation/Institutional Linkages:

Ministry of Culture, Tourism & Civil Aviation, Ministry of Finance, Ministry of Home Affairs, Ministry of Defense, Ministry of Communication & Information Technology, Department of Hydrology & Meteorology, ICAO, COSCAP-SA, Airlines, NTB, International Funding Agencies, Public.

## Income Resources:

Landing, Parking, Navigation Charges, Security Charges, Housing, Flight Catering Charges, Passenger Service Charges, ADF, Concessionaries; Vehicle Entry & Parking Charges, Advertisement Charges, Oil Throughput Charges, Terminal Rent, Land Rent, Royalty, Cargo Charges, Regulatory fees, Ground Handling Charges, etc.

# Board of Directors

<b>Chairperson</b>	<b>Mr. Bhanubhakta Dhakal</b> Hon'ble Minister, Ministry of Culture, Tourism and Civil Aviation
<b>Member</b>	Joint Secretary, Ministry of Culture, Tourism & Civil Aviation
<b>Member</b>	<b>Mr. Suman Dahal</b> Director General, Department of Customs, Ministry of Finance
<b>Member</b>	<b>Mr. Lekh Nath Bhandari</b> Managing Director, Ample Travels Pvt. Ltd. (From among the Private Entrepreneurs involved in Tourism Industry)
<b>Member</b>	<b>Mr. Mahesh Kumar Guragain</b> From among the Aviation Experts
<b>Member</b>	From among the Female Aviation Experts
<b>Member Secretary</b>	<b>Mr. Rajan Pokhrel</b> Director General, CAAN

# National Civil Aviation Security Committee

Chairperson	Minister or Minister for State of Ministry of Culture, Tourism and Civil Aviation.
Member	Attorney General or a Deputy Attorney General appointed
Member	Secretary, Ministry of Finance
Member	Secretary, Ministry of Law, Justice and Parliamentary Affairs
Member	Secretary, Ministry of Home Affairs
Member	Secretary, Ministry of Defense
Member	Secretary, Ministry of Culture, Tourism and Civil Aviation
Member	Operations Head, Nepal Army, Army Headquarters
Member	Inspector General, Nepal Police
Member	Inspector General, Armed Police Force Nepal
Member	Chief Investigation Director, National Investigation Department
Member Secretary	Director General, Civil Aviation Authority of Nepal



# Director General's Review



The year 2019 was an excellent year for the civil aviation sector in Nepal. However, year 2020 encountered one of the worst crises in the history of aviation due to global contagion of Corona Virus. The Nepali civil aviation sector had to face its consequences in the form of flight restrictions imposed for about six months.

Before the pandemic, significant growth in air traffic had been expected with target of two million foreign tourists since the Government of Nepal had declared Year 2020 as Visit Nepal Year. After about six months of lock-down and prohibitory order, Nepal resumed its international and domestic flights in September 2020 with certain restrictions and following strict health safety measures. Till November 2020, we have lost about 65 percent of passengers in domestic sector and about 72 percent of passengers in international sector compared to those in the year 2019. This pandemic has also heavily affected our major infrastructure projects and other development works.

Against the backdrop of the pandemic, our priority today is to ensure safety of travelling public and personnel involved in aviation operations to the extent possible. So far, we have fared well in safeguarding the public maintaining operational safety and the aviation business has begun to gear up to achieve the normal pace of growth.

Year 2019 was remarkable indeed as the Civil Aviation Authority of Nepal left its mark vehemently in the international forums of the civil aviation sector. Firstly, the 56th conference of the Directors General of Civil Aviation Authorities (DGCA) of Asia Pacific Region was successfully organized at Kathmandu from 19 to 23 August 2019 registering Nepal as the third time organizer of DGCA conference since its commencement in 1963. Secondly, The Director General of the Civil Aviation Authority of Nepal was unanimously elected as the Co-Chair of Asia Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) of ICAO by its 30th meeting held in APAC Office Bangkok, Thailand from 4 to 6 November 2019. Similarly, Nepal participated in the 40th session of the ICAO Assembly with Hon. Minister Mr. Bhattarai addressing the meeting

highlighting Nepal's endeavors to provide better air transportation service to its people and activities carried out to enhance safety of aviation operation in the country.

This report concisely incorporates activities and plans of CAAN setting the milestone for future. Some of the key features of the report have been summarized under following sub-headings.

## Air Traffic Scenario

During this period, CAAN delivered safe and effective air traffic control services. In 2020 International Aircraft Movement and Passenger Movement decreased by 74.08% and 68.85% respectively whereas Cargo Movement increased by 11.36% compared to those in 2019. On the other side, Domestic Aircraft Movement, Passenger Movement and Cargo Movement decreased by 65.71%, 67.36% and 68.31% respectively.

## Air Transportation

Nepal signed Bilateral Air Services Agreement with Australia on 1st October 2019. Since 1963, Nepal has signed ASAs with 40 countries, with Australia being the latest signatory.

30 International Airlines (including Nepali Companies) from 14 countries operate international flights to/ from Tribhuvan International Airport. Meanwhile, in the domestic sector, 19 Domestic Airlines have valid AOC.

## Aviation Safety and Security

Through out the year Nepal has moved significantly ahead regarding SSP implementation. Second edition of SSP Nepal, in congruence with Annex 19, second edition, has been issued in January 2020. CAAN has completed 77.31% of total required SSP foundation (as per ICAO iSTARs SSP Implementation Dashboard). Pursuant to the three phased SSP Implementation Plan, CAAN

is almost at the end of its second phase of SSP Implementation. First round of exclusive SMS audit of the airline operators (fixed plus rotor) has been completed and the audit has been running for the second consecutive year now. During 2019, CAAN performed various activities for safety enhancement including a “Safety Campaign” in collaboration with Airlines Operator Association of Nepal (AOAN) and World Food Programme (WFP) organizing various trainings, workshops and seminars throughout the year.

The diversity of weather patterns together with hostile topography are the main challenges surrounding domestic aircraft operations in Nepal. The topographical complexity of remote Nepal allows only altiports that can serve small aircraft. In the past, the rate of accident relating to the small passenger aircraft with 19 seats or less was comparatively high. With joint initiative of CAAN and airline operators, number of accident and fatalities in STOL operations has been reduced significantly now.

From 16 to 25 October 2019, International Civil Aviation Organization (ICAO) conducted aviation security audit of Nepal under its Universal Security Audit Program, Continuous Monitoring Approach (USAP-CMA) to evaluate aviation security system and degree of compliance with annex 17 standards and security related provision of annex 9 after second cycle audit of 2010. The 36th Meeting of National Civil Aviation Security Committee was also convened in 13 August 2019 which approved sixth edition of National Civil Aviation Security Program, second edition of National Civil Aviation Quality Control Program and the Second edition of National Civil Aviation Training Program.

### Air Navigation Services

Modernization of Air Navigation Services has been a key priority for CAAN. VHF air-ground communication coverage has been significantly expanded with the commissioning of RCAG-West and RCAG-East stations at Nepalganj and Biratnagar airports respectively in the recent past.

Of the two MSSR-Mode-S Radar Systems that have been commissioned on 1st February 2018, one has been installed at Tribhuvan International Airport (TIA) for the Terminal Surveillance (TMSSR) providing coverage up to 200 nautical miles, while the other standing atop Mount Bhattedanda (south of Kathmandu) provides extended En-

route surveillance (EMSSR) coverage up to 250 nautical miles.

Four ADS-B sensors have been installed at major domestic hub airports and are being brought into operation soon.

PBN implementation plan has been developed as per the guidelines of ICAO's Regional as well as Global PBN Implementation Plans. RNAV terminal application have been implemented at TIA (VNKT), Biratnagar (VNVT), Dhangadi(VNDH) and Chandragadi (VNCG). ATS automation has been introduced at TIA.

### Airport Development and Facilitation Expansion

The physical and financial progress of Gautam Buddha international Airport (GBIA), as of November 2020, is about 93% and 63% respectively despite notable obstructions like COVID-19 pandemic and Earthquake of 2015. Similarly, Pokhara regional International Airport has achieved physical and financial progress of 66% and 50.27% respectively. As for Nijgadh International Airport, the first phase development works such as acquisition of land, fencing work, tree and pole enumeration in the project site have been accomplished partially.

Rehabilitation of Runway and Taxiways of Tribhuvan International Airport (TIA) was completed in December 2019. The scope of the rehabilitation project was to upgrade the Runway and most of the Taxiways to replace the existing deteriorated asphalt pavement with new polymer modified bitumen asphalt pavement including full reconstruction of Exit taxiway-B and taxiway-E. Moreover, existing runway of TIA has been extended towards south (02) by 300 meters and additional 300 meters including 60 meters Runway Strip and 240 meters Runway End Safety Area (RESA). The extension work also included construction of internal perimeter road, drainage system, placement of airfield ground lights and approach lights. Construction relating to ITB expansion including of new gate lounge, arrival bus station, additional baggage claim area and reconfiguration of existing ITB check in area have been completed. The capacity of International Apron has been increased along with construction of two new bays for A330 and similar types of aircraft. High Mast LED flood lights in international & domestic apron and helipad area have been installed. Runway periphery road from domestic Apron to radar station has been illuminated by LED street

lights with frangible poles. Baggage Handling System installation at Domestic terminal building and Remote Parking Bay have been completed. Construction of new police barrack building has been recently completed in order to facilitate aviation security personnel of TIA.

Construction of new terminal building, aerodrome control tower and associated infrastructures have been completed at Janakpur and Rajbiraj airports. Runway and taxiway overlay works at Bharatpur, Chandragadi, Dhangadi and Simikot airports together with the apron expansion work of Nepalgunj Airport have been completed. Civil Aviation Authority of Nepal has prepared the master-plans of Biratnagar, Nepalgunj and Chandragadhi airports to develop these airports on a systematic and sustainable manner.

### Human Resource Development

As per CAAN Employee's Regulation 2056, vacancies were announced for 280 positions of different levels. Among those, 96 vacant positions have been replenished through work performance evaluation. Similarly, written examinations have been held with results awaited for 22 internal competitions and 140 open/inclusive competitions in 2019.

CAA conducted Aviation Security Instructor certification course for the first time in Nepali aviation history. All 13 participants successfully completed the course. Similarly, CAA conducted Security related training course to foreign nationals for the first time in its history.

In 2020, due to the global contagion of Corona Virus, all national and international trainings, meetings, seminars, workshops were participated through virtual means by 983 employees. In 2019, 419 employees attended different seminars, workshops, induction and field-based domestic trainings whereas 398 employees participated in international training, seminar, workshops and conferences organized by International Institutes and organizations including ICAO and CANSO. Similarly, 200 employees attended online training course in various topics.

### Corporate and Institutional Strengthening

CAAN has initiated the process of Data Center through e-bidding. The invitation for bids for Supply, Installation and Commissioning of Modular Data Center, Networking and Data Security Infrastructure (NCB-01-CPMD-2076/77)

was called on 26th April, 2020. The tender has been awarded and agreement process is ongoing.

Similarly, CAAN has initiated the process of Multi-Airport Common Use Passenger Processing System (CUPPS) and Baggage Reconciliation System (BRS) through e-bidding.

Likewise, Centralized Payroll System is in effect whereas Document Digitization Management System, Fixed Assets Management System, Intranet System, Budget Software, Centralized Accounting Software etc. have been established and arranged to be accessed from more than 30 offices and airports through either VPN connection or SSL connection.

Analyzing the financial aspects of CAAN, a progressive trend can be observed. The Office of the Auditor General has certified the Financial statement of CAAN for FY 2074/75 which was based on the Nepal Financial Reporting Standard (NFRS). Similarly, the irregularity amount (beruju) has been targeted to be reduced significantly. In the last fiscal year due to the COVID-19 pandemic situation, targeted revenue of Rs. 8.33 billion was reduced by 45.25%. In addition, targeted Airport Development Fund of Rs. 2.21 billion was reduced by 37.55%.

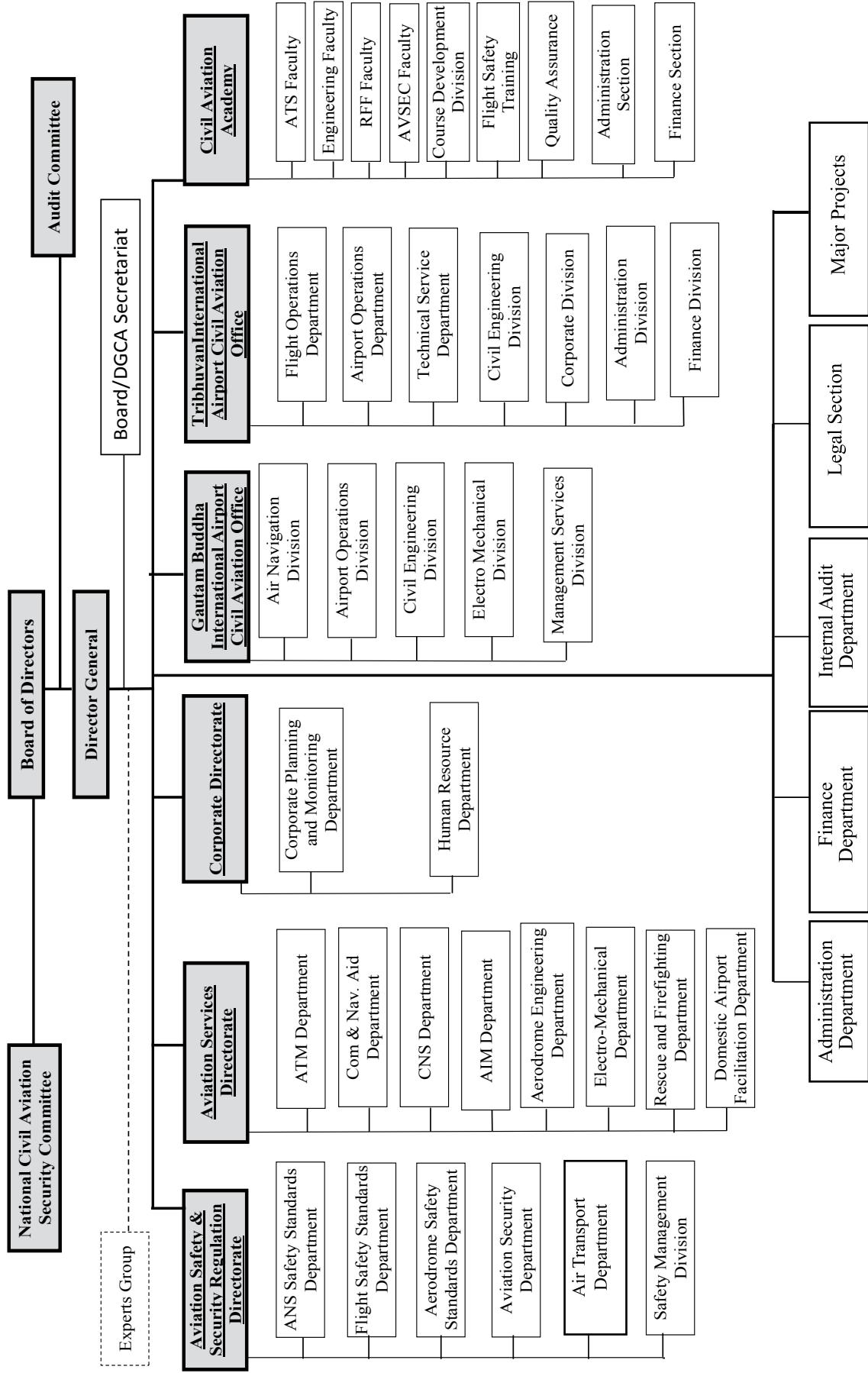
### Closing Remarks

Finally, on behalf of CAAN, I would like to express sincere gratitude to the Government of the Nepal, ICAO, International and Industry partners and stakeholders for their contribution to the aviation sector of Nepal. We are confident that this report will prove to be resourceful to all concerned and would like to thank the members of the publication committee for the preparation on and publication of this report.

(Rajan Pokhrel)  
Director General

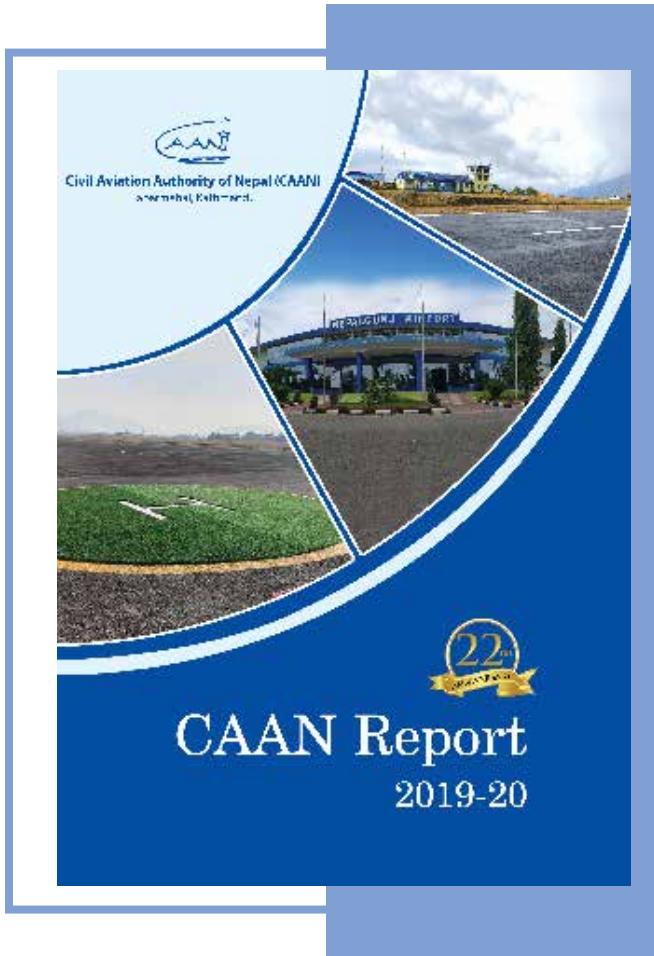
# Organization Structure

## Civil Aviation Authority of Nepal



# Abbreviations

AC	Asphalt Concrete
AGL	Airfield Ground Lighting
AIP	Aeronautical Information Publication
AMHS	Automatic Message Handling System
AMSL	Above Mean Sea Level
ANS	Air Navigation Services
AOC	Air Operator Certificate
ASA	Air Services Agreement
ATCEP	Air Transport Capacity Enhancement Project
ATM	Air Traffic Management
ATS	Air Traffic Services
AVSEC	Aviation Security
BASA	Bilateral Air Services Agreement
CAA	Civil Aviation Academy
CAAN	Civil Aviation Authority of Nepal
CANSO	Civil Air Navigation Services Organization
CASP	Civil Aviation Security Program
CNS	Communication Navigation Surveillance
COSCAP	Cooperative Development of Operational Safety and Continuing Airworthiness Program
DME	Distance Measuring Equipment
DVOR	Doppler Very High Frequency Omni Directional Radio Range
EU	European Union
FDP	Flight Data Processor
GAUC	Gautam Buddha Airport Upgrading Components
IAP	Instrument Approach Procedure
ICAO	International Civil Aviation Organization
ICVM	ICAO Coordinated Validation Mission
MIS	Management Information System
MSDPS	Multi Sensor Surveillance Data Processor
NCAR	Nepalese Civil Airworthiness Requirements
NDB	Non Directional Beacon
NFRS	Nepal Financial Reporting Standards
OLS	Obstacle Limitation Surface
PAPI	Precision Approach Path Indicator
PELR	Personnel Licensing Requirement
RCAG	Remote Control Air Ground
RFF	Rescue and Fire Fighting
RWY	Run Way
TMSSR	Terminal Monopulse Secondary Surveillance Radar
SARPS	Standards and Recommended Practices
SATIDP	South Asia Tourism Infrastructure Development Project
SCM	Steering Committee Meeting
SID	Standard Instrument Departure
SMS	Safety Management System
SSC	Significant Safety Concern
STAR	Standard Terminal Arrival Route
USOAP	Universal Safety Oversight Audit Program



## CAAN Report 2019-20 Publication Committee

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### Layout:

**Touch Creation Pvt. Ltd.**  
Bagbazar, Kathmandu,  
Tel: 01-4215448, 9841386218

### Printed By:

**Manakamana Enterprises**  
Kathmandu  
Contact: 01-4218567, 9851102967

# Contents

International Activities	1
National Activities	9
Aviation Safety and Security	25
Airport Status	29
Air Transport	42
Projects	49
Financial Information	55
Statistics	60



# *International Activities*

## 56<sup>th</sup> DGCA Conference Inaugurated by Rt. Hon'ble PM

The 56th Conference of the Directors General of Civil Aviation Authorities (DGCA) of Asia Pacific Region was successfully organized at Kathmandu from 19 to 23 August 2019 with the theme of "Harmonizing Efforts to Meet the Capacity Constraints." International Civil Aviation Organization, Asia Pacific Office (ICAO, APAC Office) has been organizing this conference annually since 1963 in various countries of this region with an objective of maintaining cooperation and harmonization among countries of the Asia Pacific region to ensure safe, secure, efficient and economically sustainable development of civil aviation. This was the third time Nepal hosted such conference after hosting the 14<sup>th</sup> and 34<sup>th</sup> conferences in 1978 and in 1998 respectively. All together 411 Guests and Delegates (including Exhibitors and Accompanying Persons) from different States and Organizations participated in the conference with delegates from 35 States/Administrations of this Region, and one State, UAE, from Middle East. 57 delegates from various organizations including ICAO also participated in the conference.

The opening of the conference, held on 19 August 2019, was inaugurated by Rt. Honorable Prime Minister of Nepal Mr. K. P. Sharma Oli. Honourable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai and Honourable State Minister for Culture, Tourism and Civil Aviation Mr. Dhan Bahadur Budha together with the President of the ICAO Council Dr. Olumuyiwa Benard Aliu, Regional Director of Asia APAC Office Mr. Arun Mishra were also present in the ceremony.

On the occasion, the ICAO flag commemorating its 75th anniversary that had been hoisted atop Mount Everest on 23rd March 2019 was handed over to ICAO Council President Dr. Aliu by Honourable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai. The ICAO TRAINAIR-PLUS full membership certificate that the Civil Aviation Academy had received this year on 17 January was handed over to the Director General of CAAN Mr. Rajan Pokhrel by Dr. Aliu.

The technical Session of the Conference was chaired by Mr. Rajan Pokhrel, Director General of the Civil Aviation Authority of Nepal whereas the vice-chairman was Air Vice Marshal M. Mafidur





Rahman, Chairman, Civil Aviation Authority of Bangladesh. The ICAO team led by Dr. Aliu included Regional Director of ICAO APAC Office, Members of ICAO Council, Directors of different Divisions of ICAO Headquarters and Officials from ICAO Regional Office.

All together 59 Discussion Papers and 61 Information papers were presented in the conference. Nepal presented discussion on the Theme Topic entitled "Constraints in Safety Oversight to Cope Growing Aviation Activities". Nepal also presented two more discussion papers and one information paper on the contemporary issues of international civil aviation.

The conference conducted a panel discussion on "Harmonizing Efforts to Meet the Capacity Constraints – Role of Industry Partners". During the conference two separate workshops were conducted on the topics -

1) Human Resource Development Commitment and 2) Beijing Declaration – Report Card on Beijing Declaration Commitments. Similarly, DGCA's Round Table discussion on Second APAC Civil Aviation Ministerial Conference - What next? was also conducted exclusively among the DGCAs

only.

The five-day Conference adopted 35 Action Items (Decisions) of common interest of the States/Organization of APAC Region relating to international civil aviation..

Besides the regular technical session, the conference also provided platform for many side meetings which were held between different States and Organizations. CAA Nepal held talks with the Federal Aviation Administration (FAA), Executive Director of European Aviation Safety Agency (EASA), Airport Authority of India (AAI), Civil Air Navigation Services Organization (CANSO), the Director General of Republic of Korea, the Deputy Administrator of Civil Aviation Administration of China to mention a few. The side meetings covered topics related to safety, security and mutual cooperation.

The conference was concluded on 23rd August 2019 with formal proceedings that included turnover of ICAO flag to the host of 57<sup>th</sup> Conference (Civil Aviation Authority of Bangladesh) by the Director General of the Civil Aviation Authority of Nepal and cultural shows to mark the closure of the conference.

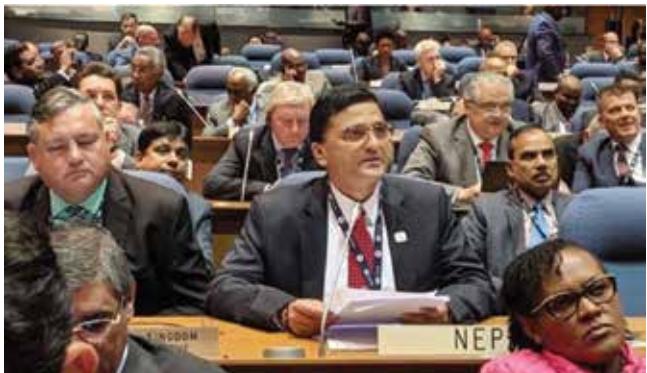


## Nepal Participates in the 40<sup>th</sup> Session of ICAO Assembly

A six-member delegation headed by Hon. Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai attended the 40<sup>th</sup> Session of ICAO Assembly held in Montreal, Canada on 24 Sep- 04 Oct 2019. Other members in the delegation were H.E. Mr. Bhrigu Dhungana, Ambassador, Embassy of Nepal, Canada, DG CAAN Mr. Rajan Pokhrel, Joint Secretary, MoCTCA, Mr. Suresh Acharya, Joint Secretary, Ministry of Law, Justice and Parliamentary Affairs, Mr. Dhanaraj Gyanwali and DDG CAAN Mr. Narendra Bahadur Thapa. Similarly, Director Mr. Deepak Baral, CAAN and Dy. Director Mr. Suwarn Raj Upadhyay, CAAN also participated in the Assembly meeting in the capacity of Advisor.

The ICAO Assembly is the sovereign body which meets at least once every three years. ICAO's 193 Member States and a large number of international organizations are invited to the Assembly. 2015 delegates from 184 member states and 387 observer delegates from different international organizations participated in this session of the Assembly.

On the first day of the plenary meeting, the president of the Assembly was elected. Hon. Minister Mr. Bhattarai addressed the 40<sup>th</sup> Assembly meeting in which he highlighted Nepal's endeavors to provide better air transportation service to its people and activities carried out to enhance safety of aviation operation in the country.



Hon. Minister Yogesh Bhattarai addressing the ICAO Assembly

There were around 500 assembly papers related to Administrative Commission, Economic Commission, Executive Committee, Legal Commission, Plenary, and Technical Commission.

During Assembly Sessions, ICAO's complete work programme in these fields is reviewed in detail through these papers.

During the Assembly, election for the ICAO Council for next three year term was held. The Council is composed of 36 member states.

During the Assembly, Nepali delegation had sideline meetings with India, China and Myanmar. Memorandum of Understandings with ICAO TCB and ASA with UAE and Australia were concluded during the Assembly.

### USAP- CMA Conducted in Nepal

International Civil Aviation Organization (ICAO) conducted aviation security audit of Nepal under its Universal Security Audit Program, Continuous Monitoring Approach (USAP-CMA) from 16 to 25 October 2019 to evaluate aviation security system and degree of compliance with annex 17 standards and security related provision of annex 9 after second cycle audit of 2010. The audit team was composed of 4 members in the leadership of Mr. David Wilkinson from ICAO head office, Montreal, CANADA. The USAP-CMA audit covered 9 audit areas. During the audit, the team visited Tribhuvan International Airport, Civil Aviation Academy and other concerned offices of Nepal government. The team convened pre-audit briefing (entry) meeting at the beginning and post-



audit briefing (exit) meeting at end of audit with all major stakeholders of national level associated with the aviation security in Nepal.

## Director General of CAAN Elected as the Co- Chairperson of APANPIRG

The Director General of the Civil Aviation Authority of Nepal, Mr. Rajan Pokhrel, has unanimously been elected as the Co- Chairperson of Asia Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) of ICAO by its 30<sup>th</sup> meeting held in APAC Office Bangkok, Thailand from 4 to 6 November 2019.

The meeting was attended by 151 participants from 22 Member States, 2 Special Administrative Regions of China, 8 International Organizations (AAPA, CANSO, EUROCONTROL, IATA, ICAO, ICCAIA, IFAIMA and IFALPA).



All ICAO Contracting States, who are service providers in an air navigation region and part of that region's ANP, are included in the membership of that region's PIRG. Furthermore, user States are entitled to participate in any other PIRG Meetings as a non-member. International Organizations recognized by the Council may be invited as necessary to attend PIRG meetings as observers.

## Nepal signs ASA with UAE and Australia

The Government of Nepal and the Government of UAE signed a revised Air Service Agreement on 28<sup>th</sup> September 2019 during the sideline meeting of 40th General Assembly of the International Civil Aviation Organisation. Minister for Culture, Tourism and Civil Aviation, Mr. Yogesh

Bhattarai, and Finance Minister of UAE, Sultan bin Saeed Al Mansoori, signed the agreement.

On the Occasion, Minister Bhattarai stated that



the agreement has created an environment of mutual co-operation between two countries and as well as promote the Visit Nepal 2020 campaign.

Similarly, Nepal and Australia signed an air service agreement in Montreal, Canada on 30 September 2019. The agreement was signed by Mr. Suresh Acharya, Joint Secretary of Ministry of Culture, Tourism and Civil Aviation from Nepal and Mr. Jim Wolfe, Executive Director of the Ministry of Federal Infrastructure, Transport, Urban and Regional Affairs on behalf of Australia.

## EASA 7<sup>TH</sup> ICF- 2019

European Aviation Safety Agency (EASA) organized 7<sup>th</sup> International Cooperation Forum (ICF) in Montenegro from 10<sup>th</sup> to 12<sup>th</sup> September 2019. At an invitation extended by Executive Director of EASA, CAA Nepal was represented by DG of CAAN and Mr. Raju Shrestha, chief of Flight Safety Standard Department.

The programme was attended by various aviation authorities from Asia, Africa and South America apart from Regional Safety Oversight Agencies.

The Forum focused on International cooperation for the better safety oversight, Regional and sub-regional cooperation for safety oversight, emerging risks and opportunities in aviation, meeting the environment challenge, leadership within the aviation sector, common challenges of regulators and other burning issues such as Drones and Cyber security.

CAA Nepal availed the 7<sup>th</sup> EASA ICF on various sideline meetings. The meetings were held with



## Nepal Signed MoU with ICAO for Technical Cooperation Project



various agencies including EASA and EC apart from various authorities. The major points have been discussed below:

### a. Meeting with EASA

The Nepalese team headed by Director General of CAA Nepal held discussions with EASA team headed by Executive Director Mr. Patrick Ky. The major issues of discussion were as following.

- Cooperation from EASA in forms of SARI
- Future harmonization of regulation in OPS and FCL
- Service of CAA International for the conduct of FCL examination from 1 January 2020.
- Both sides agreed to sign an MOU on the mutual cooperation during 40th Assembly of ICAO. A sample MOU has been prepared and will be signed between two parties during A40 in ICAO.
- Nepal's progress toward flight safety and possibility of lifting out from air safety list of European Commission.

### b. Meeting with European Commission

- Director General of CAA Nepal and head of Nepali delegation raised issue of possible removal of Nepal from air safety list of European Commission. The European Commission side was headed by Mr. Joachim Luecking. Nepali side presented recent progress in flight safety urging the Commission to send a technical mission to Nepal. The Commission noted the progress of Nepal and indicated positively the possibility of sending a mission in Nepal in suitable time.

**N**ePAL signed a Memorandum of Understanding (MoU) with ICAO for a Technical Cooperation Project that will assist in the separation of regulator and service provider functions of CAAN. The project is entitled "Assistance in the separation of Air Navigation Service Provider Functions from civil aviation regulatory functions in Nepal."

As per the MoU, two ICAO experts, i.e. Organization/Civil Aviation Advisory Expert and Human Resources Management Expert shall be provided by ICAO, TCB for technical assistance. The MoU was signed by DG, CAAN Mr. Rajan Pokhrel and ICAO Secretary General Ms. Fang Liu.

## Sixth Steering Committee Meeting between CAAN and DGAC France

**I**n accordance with provision of technical MOU signed between CAAN and DGAC France in September 2017, the 6th SCM meeting was held online on 14 December 2020. The objective of the steering committee was to review the progress of action items agreed in 5th SCM held in June 2020, define roadmap for ongoing existing action items and propose new action items to support the fundamental safety principles outlined in the MOU. The Nepali delegation comprised of high level officials headed by the Deputy Director General of Civil Aviation Safety Regulations Directorate (CASRD). The action items agreed during the meeting are in implementation phase and it is believed to support in safety oversight capacity building efforts of Nepal.

## 6<sup>th</sup> ICAO Global Training and TRAINAIR PLUS Symposium

6<sup>th</sup> ICAO Global Aviation Training and TRAINAIR PLUS Symposium was held in New Delhi, India in 4-6 December 2019. A three member delegation led by Mr. Devananda Upadhyay, Chief of Civil Aviation Academy participated in the Symposium. The Symposium brought together over 400 delegates from the civil aviation training field to exchange ideas and insights on the importance of innovation for the training of civil aviation professionals worldwide.



Twenty-four new or upgraded TRAINAIR PLUS Members from 22 States and two International Organizations were recognized at the Opening Ceremony. Nepal is among ICAO's TRAINAIR PLUS Members.

## 36th IFATCA Asia Pacific Regional Meeting 2019

Civil Aviation Authority of Nepal officially sponsored the 36th IFATCA Asia Pacific Regional Meeting 2019 organized in Kathmandu, Nepal by Nepal Air Traffic Controllers' Association from Nov.21-23,2019. With the theme 'Human and Technology' Nepal hosted this type of IFATCA event for the third time, post successful hosting of the 21st IFATCA APRM in 2004 and 51st IFATCA Annual conference in 2012. It was a vital and illustrious gathering of the high level aviation professionals, Directors and delegates from 19 Asia and the Pacific Regional countries, IFATCA members and representatives from international aviation industries.





*National  
Activities*

## Runway Rehabilitation at TIA

Rehabilitation of Runway and Taxiways of Tribhuvan International Airport (TIA), planned under the Air Transport Capacity Enhancement Project (ATCEP), was completed in December 2019. The scope of the rehabilitation project was to upgrade the Runway and most of the Taxiways to replace the existing deteriorated asphalt pavement with new polymer modified bitumen asphalt pavement including full reconstruction of Exit taxiway-B and taxiway-E. Installation of new Runway center line light and repair of edge lights were also in the scope of the project.



*Milling of Existing asphalt pavement in progress*

The contract agreement was signed between Civil Aviation Authority of Nepal and China National Aero Technology International Engineering Corporation on 5 November, 2018 to complete the project in 18 months.



*AGL works*

The first stage of Runway pavement work and Airfield Ground Light work was performed from April 2019 to end of June 2019. During rainy season of July – August, the sub-surface drainage work, open channel drain and AGL works were carried out. The second stage of runway pavement and

taxiway pavement work started on 1st September 2019 and all civil works were completed on 15 December 2019. Similarly, AGL works were completed on 20 Dec 2019.

## Runway Extension at TIA

Existing runway of TIA has been extended towards south (02) by 300 meters and additional 300 meters including 60 meters Runway Strip and 240 meters Runway End Safety Area (RESA). The work was started on January 02, 2019 and final asphalt surface course completed on May 29, 2020. The existing Runway and Threshold Markings and the Airfield Lights were displaced at temporary position (120-meter north from Runway End 02) on March 31, 2020 for runway extension construction works. After completion of runway pavement works, existing Runway Threshold Light, and Precision Approach Light at Runway 02 End were reinstated at their original position on June 02, 2020 along with pavement



## Expansion and Re- configuration of International Terminal Building at TIA

TIA expansion project ATSEP/NCB02, commenced on November 15, 2017, includes expansion of ITB, reconfiguration of existing ITB at airlines check-in area, relocation of check-in security screening area, passenger lounge, immigration and custom area, installation of BHS at departure check-in area, airport security

system, flight information display system and associated MEP works, out of which 85% of the overall works has been completed till November 30, 2020 including extension of ITB to include new gate lounge (departure gates), arrival bus station, installation of new baggage handling system at departure area, additional baggage claim area and reconfiguration of ITB airlines check-in area.



## Expansion of International Apron at TIA

The expansion work of international apron that started from 22 December, 2016 has been completed on 15 July, 2020 along with the construction of two new international bays for A333 and similar type of aircraft. This has resulted in the minimization of air hold as well as ground delay that used to be caused due to the unavailability of parking bays for international airliners.



## Construction of RCC Building for Police Barrack at TIA

On 23rd November, 2020, Honourable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai inaugurated the RCC building of Police Barrack at the premises of TIA. The building has been constructed with an objective to enhance the security at TIA and consists of all necessary accommodation facilities for security personnel working at TIA.



## Installation of Lighting System at TIA

Ten High mast LED Flood lights have been installed at the international, domestic aprons and helipad area of TIA. Similarly, Runway periphery road from Domestic apron to Radar station has been illuminated by the installation of street lights with frangible poles. Moreover, different new light installation works related to airfield and general lighting systems have been accomplished at TIA optimizing the level of security through increase in respective surveillance coverage.



## **Construction of new Terminal Buildings at Janakpur and Rajbiraj Airports**

**O**n 8th Dec. 2020, the new terminal building with steel structure, aerodrome control tower and associated infrastructures at Janakpur Airport were inaugurated by Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai amidst program attended by high level government officials and topknots of Province no. 2. The completion of long time impended project of this airport is supposed to enhance the flight movement, passenger facilitation and the aviation connectivity to Mithila Region,hence unleashing the cultural and religious significance of the land of Janaki. Similarly, construction of new Terminal building has been completed at Rajbiraj Airport.



*New Terminal Building at Rajbiraj Airport*



*Inauguration of New Terminal Building at Janakpur Airport*

## **Inaugural & Test Flights at different STOL Airports**

**W**ith the objective of resuming connectivity to the adjourned remote airports, inaugural flights on Baitadi, Bajhang and Doti Airports were successfully carried out on 3rd October,2020 by the team of Honorable Minister for Culture, Tourism and Civil Aviation Mr.Yogesh Bhattarai and Director General of CAAN ,Mr. Rajan Pokhrel. It has helped materialize the governmental motive of enhancing the regional and provincial inter-air connectivity in Nepal. Similarly, test landing was successfully conducted at newly built Khiji-Chandeswori airfield of Okhaldhunga district on 23rd December 2019 by a twin otter aircraft belonging to Tara Air.



*Test flight at Bajhang Airport*

## Other Progress in Domestic Airports

Runway, Taxiway and Apron overlaying works were carried out at Nepalgunj, Bharatpur, Chandragadhi, Simikot, Bajhang and Rara airports during current and last fiscal years among which most of them were completed before targeted deadline. Gravel runway construction was completed and test flight was carried out on 7th Poush 2076 at Khiji Airport. Terminal building expansion work in Lukla airport and the fencing works, construction of security quarter, drainage works, etc. at different domestic airports have been completed. Piling work at Rara Airport has been completed whereas River Training work at Ramechhap Airport, Runway extension plus obstacle clearance work at Taplejung Airport, construction of New Rigid HeliPad along with separate Heli-Terminal are being carried out. Constructions of Terminal buildings at different airports are in progress and the design & estimation works for Terminal buildings construction at Nepalgunj, Biratnagar and Ramechhap have been completed. The drainage work at Illam Airport has been completed and its base work is near completion. Asphalt concrete Pavement works are undergoing in Baglung, Masinechaur, Kalikot, Illam Sukilumba and Gulmi Resunga Airports.



Piling work at Rara Airport



Runway overlay at Simikot Airport

## Data Center for CAAN

A Data Center for CAAN is under construction at Tribhuvan International Airport, at the Operation Building next to the Briefing Room. The Project for The Supply, Installation and Commissioning of Modular Data Center, Networking and Data Security Infrastructure (NCB-01-CPMD-2076/077) was initiated on 26th May, 2020.

A data center is a dedicated space used to house computer systems and associated components, such as telecommunications and storage systems. Since IT operations are crucial for business continuity, it generally includes redundant or backup components and infrastructure for power supply, data communication connections, environmental controls and various security devices.

The data center CAAN is building is a modular one. Modular data center systems consist of purpose-

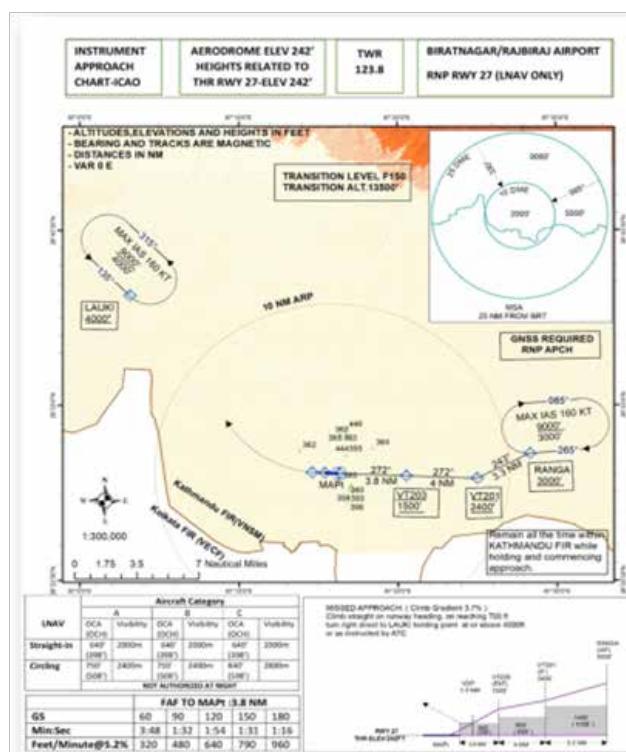
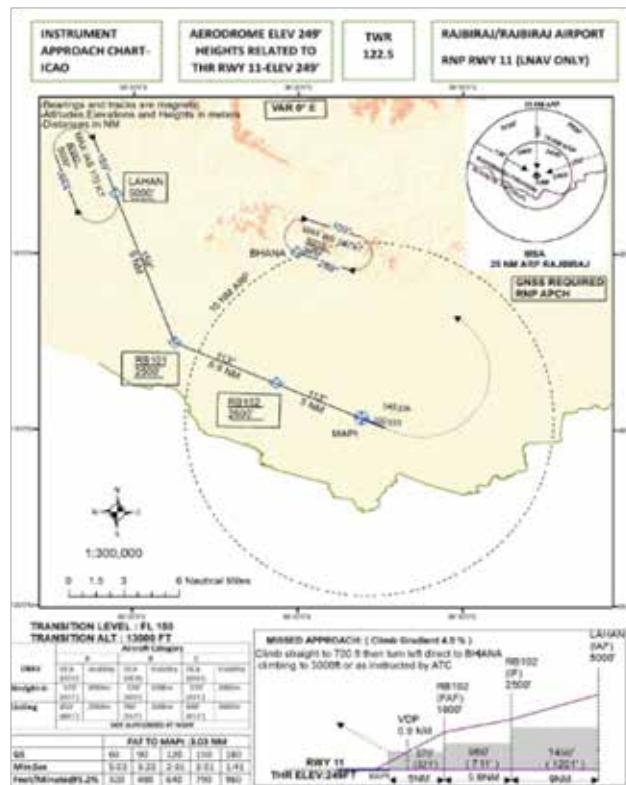
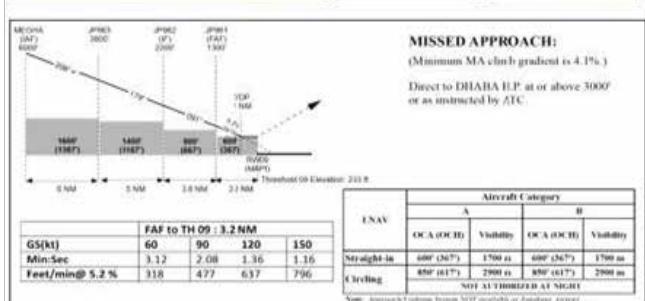
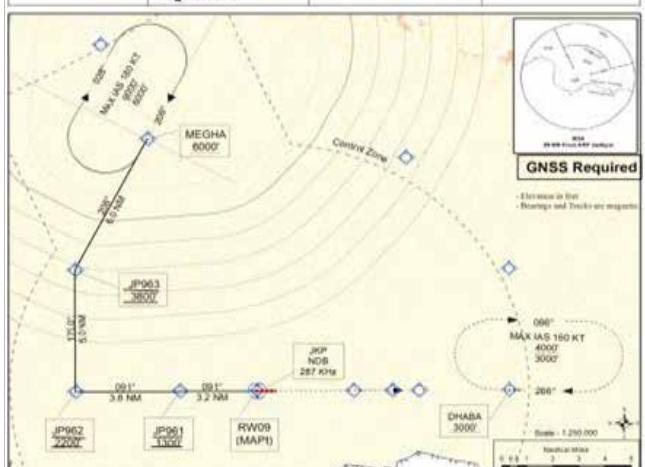
engineered modules and components to offer scalable data center capacity with multiple power and cooling options. Modules can be shipped to be added, integrated or retrofitted into an existing data center or combined into a system of modules. Modular data centers typically consist of standardized components.

Once the data center for CAAN is completed, it will be the central repository for data. This project is intended to develop the ICT infrastructure with proper networking and data security infrastructure and to integrate into a single infrastructure monitoring system. Placed at TIA, the data center will connect systems and applications at Head Office with all other intended airports and will act as a data repository, backup and central connection for all other applications and systems at CAAN.

## PBN Flight Procedures of Domestic Airports

**G**NSS based PBN instrument flight procedures RNP1 SIDs/STARs and RNP APCH and associated Missed Approach Procedures have been Designed for Janakpur, Rajbiraj, Biratnagar and Bharatpur Airports. These Procedures will enhance safety and efficiency of the aircraft operations and also enhance airspace capacity to materialize the National PBN Implementation Plan of Nepal. Instrument flight procedures of Janakpur Airport have been published through AIP Supplement. Instrument flight procedures of Rajbiraj and Biratnagar Airports are in the process of being published in the AIP supplement. Instrument flight procedures for Bharatpur airport are in the process of being validated. RNP2 routes for the domestic operation have been designed and are in the process of being published.

Instrument Approach Chart-ICAO	Aerodrome Elev.236' Trans Level :FL 150 Trans Alt:13500 ft. Mag.Var. 0° E	TWR 122.5	JANAKPUR NEPAL Janakpur Airport RNP RWY 09
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## **CDM Software in TIA: An Aid for ATC Automation**

New technologies, digitization and artificial intelligence are the major contributors for enhancing capacity and efficiency of overall air traffic control system. In order to achieve supposed competitive advantages, it seems appealing to implement new technologies for balancing the demand and capacity in air transportation.

Successful Introduction of a prototype web-based CDM-Software at TIA in Oct. 2019 along with various interaction and familiarization programs organized between ATCOs and Domestic/International Operators have facilitated the sharing of accurate, timely and quality information between these major stakeholders in order to achieve common situational awareness and to improve operational efficiency and traffic predictability. The software has supported efficient use of resources along with individual access, understanding the preferences and constraints among stakeholders. It has helped for coordinated, collaborative and effective execution of flight movement analysis and planning that has resulted in significant reduction in ground delays of the traffics.



The surge of automation efforts started with the introduction of DIFLIS- Electronic flight Strip System against the use of age-old system of paper-strip. This system has supported ATCOs with an enhanced workflow, dramatically replacing the relevant information sharing and the coordination works by silent communications. Similarly, Infomax- Integrated Information system with consistent user interface has reduced visual workload of the controllers by integrating ATC-related information including meteorological data, AMHS messages & NOTAMS, information from NavAids& ATIS, access to soft copies of essential documents, integrated airfield lighting monitoring & control capabilities, ultimately reducing the CWP cluttering.

## **Runway Strengthening work at Installation of ADS-B Sensors at airports of Nepal**

Four Automatic Dependent Surveillance-Broadcasting (ADS-B) Sensors have been installed by CAAN at Phulchoki, Dhangadhi, Bhairahawa and Nepalganj. The purpose of the system is to extend the surveillance coverage within the airspace of Nepal. The ADS-B System installed at Phulchoki Repeater station will improve surveillance facility in the Kathmandu-Lukla track.

The data collected from various ADS-B sensors are integrated into existing Multi Sensor Data Processing System (MSDPS) located at TIA via leased lines so that controlled surveillance extension is achieved. Similarly, monitoring system at domestic airports are facilitating ATCs of respective airports to monitor aircraft flying in the airspace within their jurisdiction.

## **Baggage Handling System at Domestic Terminal**

Honorable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai inaugurated the Baggage Handling system at domestic terminal of



Tribhuvan International Airport on 6th September 2019.

The system facilitates the arriving passengers for the smooth collection of their luggage. The installation is a part of the airport upgrading project.

## **Interaction programme on "Monsoon Operation Safety Preparedness"**

An interaction programme on "monsoon operation safety preparedness" was conducted at CAAN Head Office on 14 July 2019 in presence of the DG of CAAN, Mr. Rajan Pokhrel, Chairman of NAC Mr. Madan Kharel, Officials of CAAN and the CEOs and Operation Directors of Airline Operators of Nepal.



On the occasion, safety measures to be adopted during monsoon, past monsoon circulars, role of every stakeholder for safety enhancement during monsoon were reviewed. The preparedness of every airline operator and precautions taken by them to ensure safe monsoon operations were shared and discussed during the programme.

### Third JCC Meeting Held

The third meeting of the Joint Coordination Committee (JCC) for the Project for Capacity Development in operation and maintenance of aviation safety equipment was held in Kathmandu on 27 November 2019.

The meeting was participated by the officials of the Civil Aviation Authority of Nepal (CAAN) and the representatives from the Japan International Cooperation Agency (JICA).



The progress of the activities and the achievements of outputs, modifications of the plan of operation, upcoming activities and other issues of mutual interest were discussed during the meeting. Both sides agreed to extend the mutual cooperation in the days to come.

### Interaction Programme on Right to Information

An interaction programme on "Right to Information" was organized at the Civil Aviation Authority of Nepal Head Office on 5<sup>th</sup> September 2019. The programme was attended by the Chief Commissioner of National Information Commission Mr. Krishna Hari Baskota and Commissioner Mr. Kiran Kumar Pokhrel and was chaired by the Director General of Civil Aviation



Authority of Nepal.

The programme was successful in imparting knowledge on information rights and meaningful use of information and also in bringing out an insightful discourse in the issue regarding the need and proper use of information in modern day context.

### Nepal Celebrates ICAO Day

International Civil Aviation Day was celebrated on December 7, 2020 in Nepal to commemorate the 76th anniversary of the establishment of ICAO through the historical Convention on International Civil Aviation on theme 'Advancing Innovation for Global Aviation Development'. To mark the day, a brief ceremony was organized at TIA in the gracious presence of Honourable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Kumar Bhattarai.

Every year, this day is observed by the aviation fraternity of Nepal with great enthusiasm. Different events such as talk shows, workshops, morning processions are organized each year on this special day. However, this year the programme was kept short owing to the hazards posed by the COVID-19 pandemic. Amidst a formal ceremony organized at TIA, Honorable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai hoisted the National Flag of Nepal and ICAO Flag. Officials of the Ministry of Culture, Tourism and Civil Aviation (MOCTCA), Civil Aviation Authority of Nepal (CAAN), Airline Operators Association of Nepal (AOAN), Nepal Army, Nepal Police and media personnel had gathered at TIA on this occasion.

International Civil Aviation Day is being observed all over the world on 7th December every year since 1994. ICAO, through Assembly Resolution A29-1, decided to celebrate International Civil Aviation Day to mark the 50th anniversary of the Organization, created on 7 December 1944.

## Get Airport Ready for Disasters (GARD) rolled out to strategic Domestic Airports

Civil Aviation Authority of Nepal (CAAN) carried out two missions on Get Airports Ready for Disaster (GARD) in Nepalgunj and Dhangadhi airports in November 2019, with technical support from Deutsche Post (DP) DHL and United Nations Development Programme (UNDP) as GARD Local. The initiative was carried out with an aim of strengthening readiness of respective domestic airports for disaster response. These two airports are at strategic locations for emergency humanitarian services in case a disaster hits any of the provinces 5, 6 and 7 in the country. Strengthening the preparedness of the airports



will enable them to provide uninterrupted air services during a crisis situation, handling highly increased flow of humanitarian cargo, relief actors including search and rescuers, medical responders, as well as maintaining regular service to general passengers. The GARD exercise was carried out in Nepalgunj airport on 10-12 November and at Dhangadhi airport on 13-14 November 2019, engaging all key actors associated with airport services which included airport authorities, airliners, security agencies, fuel and fire services, custodians of forward logistics base and others. 27 officials in Nepalgunj and 23 in Dhangadhi Airport participated in the exercise.

The GARD global mission had an inception meeting with Director General of CAAN Mr. Rajan Pokhrel on 10th November and a final debriefing on 15th of November 2019 at CAAN head office.

## Aeronautical Information Service Awareness Training Program 2076

A one-day Training Program on AIS Awareness was organized and conducted by Aeronautical Information Management (AIM) Department at Kathmandu on 8<sup>th</sup> November 2019.

The objective of the program was to create awareness to the all aeronautical data originators and aeronautical information users on the latest updates made by the ICAO especially on



aeronautical data quality, and the requirements of data originators.

About 65 professionals participated from different organizations including CAAN officials, international and domestic airline operators, officials from Nepal Army, Nepal Police, and Armed Police Force and official from meteorology. The training course included the requirements on information management, Data quality Specification, AIS Automation, Quality Management System, Formal Arrangement (Service Level Agreement), issuance of different AIS products.

## Seminar on Domestic Airport Operations

A regional seminar about problems, challenges and solutions of domestic airports operations was held at Biratnagar on 2nd and 3rd December by CAAN Domestic Airports & Facilitation Department.



Director General of CAAN Mr. Rajan Pokhrel inaugurated the seminar, emphasizing in his speech the role of public private partnership for modernization and innovation on Civil Aviation Sector. He mentioned the necessity of effective management for standard airport operation and improved passenger facilitation.

There were 7 working papers presented by different departments and offices.

## CAAN Anniversary Sports Activities

This year, due to unpreceded pandemic, the continuation of regular sports activities that used to get organized marking the CAAN's anniversary, has been halted. However, last year, on the occasion of 21st Anniversary of Civil Aviation Authority of Nepal, Civil Aviation Sports Club organized different games and events including Badminton, Table Tennis, Athletics, Volleyball, Football, Quiz, Walkathon and Blood Donation.

## 21st CAAN Anniversary

The 21st Anniversary of CAAN was celebrated on 31st December, 2019 at Army Officers' Club, Bhadrakali. The event was inaugurated by Hon'ble Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai.

each, 10 employees were awarded additional grades while 14 employees were awarded medals for completing 25 years' of service. Various employees, departments and offices were also awarded for their achievements.



During the occasion, various employees & departments were rewarded for different achievements and their contribution to the office. 5 employees were awarded Rs. 20,000 cash

Besides that, Late Mr. Birendra Prasad Shrestha, ex- Deputy Director General and Late Mr. Dhruba Das Bhochhibhoya , ex- Director of CAAN were awarded posthumously.

## Seminar on Financial Administration

The Finance Department of Civil Aviation Authority of Nepal (CAAN) organized a seminar on Financial Administration for staffs working at CAAN with an aim to enhance their capacity on the latest

arrears, and Nepal Financial Reporting Standard (NFRS) were made at the seminar. The seminar was organized in two phases. The first Seminar was organized in Nagarkot on 22 and 23 November



financial rules, policies and manuals.

Deliberations and presentations on topics like CAAN's accounting system, taxation, auditing and

2019 with 37 participants while second seminar was organized in Nepalgunj on 29 February and 1 March 2020 with participation of 26 employees.

## Construction of Remote Aircraft Parking at TIA

The construction of remote aircraft parking at TIA started from 2072/10/01 BS and completed at 2076/01/31. After the completion of the project, there are now 3 link taxiways –R1 (length 62.35m and breadth 23m), R2 (length 59.45m and breadth 23m), R3/R4 (length 57.35m and breadth 11m).The Total RCC paved area is 200\*65m<sup>2</sup>.The parking capacity of this bay is for 4 aircraft, two for Boeing 777-200er series and two for ATR-72 .The main objective of this project is to reduce the parking congestion at TIA.



## Electromechanical works at TIA, GBIA and Domestic Airports

Supply, delivery and commissioning of digital announcement system, self-propelled runway marking machine, pickup vehicle, recording server with cameras and up graded CCTV system, 40 sets of digital communication system (Tetra), heavy-duty hand dryers at ITB & DTB and installation of bird cage for protection of wind sensor data interruption have been accomplished at Tribhuvan International Airport. Similarly, 40 KVA diesel generators for Bhattedada Radar Station has been installed and supply, delivery, installation and modification of street lights in EOD Holding Gate, RGB Auto Changer LED Strip at different gardens, replacement of 2'X2' PL light by LED Light at DTB and replacement of old LED Down light at ITB/OA Complex at TIACAO have been completed. Moreover, escalators at International Terminal Building have been replaced by new ones and DoubleT Carosoul drawing regarding Baggage Handling System at extension side of International Terminal Building has been approved. Aviation Rescue and Fire Fighting Vehicles, Ambulance & Command Car vehicle have been delivered to Gautam Buddha International Airport . Most of the Pre-shipment work, equipment delivery, field survey, civil work & design approval of the project “Supply, Delivery, Installation and Testing of Taxiway Edge Light and LED Signage at Biratnagar Airport” have been completed. Some continuous work of the last fiscal year 2076/77 affected due to Covid-19 are completing soon which are at the end point of the project . Improvement of power supply and earthing system installation work at Pokhara airport and installation of 11/0.4kV distribution transformer at Bharatpur airport have been completed.



*11/0.4kV Distribution Transformer of Bharatpur Airport*



*ARFF Vehicles(12500L Water, 1500L Foam) at GBIA, Bhairahawa*



*LED Down Lighting at ITB TIA*

## Emergency Exercise conducted at TIA

According to ICAO “Standards and Recommended Practices”, each member state is obliged to conduct a Full- Fledged emergency exercise at least once every two years to demonstrate its capability to execute a quick search and rescue operation when need arises.

Aviation Search and Rescue (SAR) process is very difficult to mock-up, was carried out effectively by TIA on 8th May 2019. Prior to the full exercise actions including scenario development, briefing it to the participants, management of logistics, were carried out for making the program effective.



Full-Fledged emergency exercise was conducted on 8th of May 2019 (25th Baisakh 2076). The scenario included fictitious aircraft (9NSAR) crashing at Devisthandana near Dhulikhel while coming to Kathmandu from Tumlingtar. The search and rescue exercise was conducted at Dhulikhel under the leadership of on-scene commander (OSC) and including the Chief District

Officer (CDO), who is also the District Disaster Management Committee Chairperson. The CDO promptly managed quick response SAR team under the Army Command of Bishnudal Barrack. Under his command all the rescue related tasks were done without any delay to rescue survivors in which his team was assisted by search and rescue teams from Nepal Police and Armed Police



Force. The Chief District Officer took part actively through the whole time of SAR exercise.

Making the exercise realistic, use of high line rope rescue, use of dummies and deployment of helicopter were used. In the exercise the participation, co-ordination and response from local quick response team (QRT), District Disaster Response Centre (DDRC), Nepal Police, Armed Police Force and local administrators were commendable. While conducting the exercise, the local administration, district administration, the guidance and supervision from the MOCTCA, the medical team from KMC hospital, the participation of local was remarkable and appreciable.



# Human Resource Development

## Human Resource Department

Human Resource Department, CAAN is endeavoring its best on enhancing the personal and professional competency of organization's most valuable resources – its employees. This year, due to the global contagion of corona Virus all international training, seminar, workshops and conferences organized by International Institutes and organizations including ICAO and CANSO were participated through the virtual means.

**16 July-15 November 2020 (01st Shrawan- 31st Kartik 2077)**

S.N.	Subject	No. of participants	Total	Remarks * Online After COVID 2019
1	Online Meeting, Webinars, Video Teleconference (Unpaid)	150	150	ICAO APAC, COSCAP-SA, EASA, CANSO APAC, SAA
2	Online Training (Paid)	46	46	ICAO Store 46(22 completed)
3	Online Courses (Scholorship)	22	22	11 (1 not registered,7 confirmation not received) SAA,Singapore21+ ICAO USOAP 1
4	Online Courses (Scholorship) National	4	4	35 working days service oriented course NASC Nepal 1 + Research4life MOOC 3
<b>Total</b>		<b>222</b>		

**17th July 2019 to 15th July 2020 (01st Shrawan- 31st Ashadh)**

S.N.	Subject	No. of participants		Total	Remarks
		Technical	Admin		
1	International Training	169	8	177	
2	International Seminar, Workshop, Meeting	91	7	98	
	<b>Total</b>	<b>260</b>	<b>15</b>	<b>275</b>	
3	Online Meeting, Webinars, Video Teleconference (Unpaid)	170	0	170	Online After COVID 2019
4	Online Training (Paid)	9	0	9	
5	Online Courses (Scholorship)	5	0	5	
	<b>Total</b>	<b>184</b>	<b>0</b>	<b>184</b>	
6	National Training	32	52	84	
7	National Seminar ,Workshop	24	17	41	Domestic
	<b>Total</b>	<b>56</b>	<b>69</b>	<b>125</b>	

## Civil Aviation Academy Activities

Civil Aviation Academy (CAA) is dedicated aviation training organization approved by the Civil Aviation Authority of Nepal (CAAN). Since the establishment in 1976 (then Civil Aviation Training Center), CAA is producing skilled manpower required for aerodrome operation in Nepal. Being a full member of ICAO TRAINAIR PLUS Program CAA has developed "Aerodrome control service course" as guided by Training Development Guide (TDG) of ICAO. It has also developed "Aerodrome Control Service Simulator Guide for Instructor and Trainee", "Basic First Aid Course" syllabus and amended ATC Licensing, Aerodrome Control and AFIS Course (AAA).

AVSEC Pre-fab building has been renovated and Pre-board Passenger Screening (PPS) lab has been relocated at CAA premises in Sanothimi, Bhaktapur from Cargo building Sinamangal. Maintenance cum X-ray Screening lab has been established. Air conditioning system and CCTVs have been installed in class rooms, ATC simulator building, outer area, canteen and academy premises. CAA has developed it's own E-Library with the link [academy.caanepal.gov.np](http://academy.caanepal.gov.np).

### Civil Aviation Academy Trainings in 2020

#### ATS Faculty

AFIS Refresher Course	9
Aerodrome Control Refresher Course	10
CAALOP Course	18
Basic AAA-008 Course	16

#### AVSEC Faculty

Screener Certification	6
Pre-board passenger Screening Course	8
AVSEC for Airline Personnel	12
X-ray Examination & Screening Procedure Course	8 (Bhutanese participants)
X-ray Examination & Screening Procedure Course	8 (Custom Staffs)

#### Flight Safety

Safety Management System Course	16
Flight Operation Officer/Flight Dispatcher License Course	12

#### ARFF Faculty

Breathing Apparatus Course for Bhutanese	10
Advanced ARFF Course – 008	14
ARFF Field based Course (Nepalgunj)	8
Watch Tower Operation Course – 006 (Simara)	6
ARFF Field based Course (Simara)	7
Basic Aerodrome Rescue & Fire Fighting (ARFF-011)	16

#### Engineering Faculty

CCNA (Cisco certified network associates) training	8
ILS/Localizer Rating Training	8
Radar Maintenance Equipment Training	8

#### Administration Section

Administrative Refresher Program (Pokhara)	16
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## CAA Activities 2019

### CAAN certifies Aviation Security Instructor for the first time.

CAA conducted Aviation Security Instructor certification course for the first time in Nepalese aviation history. All 13 participants successfully completed the course. Director General of Civil Aviation Authority of Nepal Mr. Rajan Pokhrel distributed the certificates to the newly certified AVSEC instructors.

### Aviation Security Training

Aviation Security Faculty conducted a Field



X-Ray Examination and Screening procedure course for Bhutanese participants

Bhutan were successfully conducted. This was the first international training conducted under Aviation Security Faculty in the history of CAA Nepal. Altogether 16 participants successfully completed the course.



based Aviation Security Training for 4 groups of Airport Security police of Nepalganj, Biratnagar, Chandragiri and Jumla Civil Aviation Office. 20 participants from each aforementioned airports security police among 80 have successfully completed the training. Likewise, 23 participants from Nepal Police also have successfully completed the pre-board passenger screening course. Similarly, X-ray examination and screening courses for sixteen (16) participants and AVESEC orientation programme of 2 batches of TIA for 40 participants have also been successfully completed at TIACAO.

### Aviation Security Screening Certification Course

For the first time in Nepalese Aviation history, two groups of Aviation Security Screener's Certification course for Nepal police have been successfully conducted. Altogether 14 screeners from Nepal police were certified.

Two groups of X-Ray Examination and Screening Procedure Course with foreign participants from

### Aerodrome Rescue and Fire Fighting Faculty

Aerodrome Rescue and Fire Fighting Faculty successfully conducted watch Tower operation course for 8 participants of Biratnagar, 6 participants of Nepalganj and 12 participants of TIACAO. Field Based Aerodrome Rescue and Fire Fighting training for 8 participants of Biratnagar, 6 participants of Nepalganj, 8 participants of Bhairahawa, 7 participants of Simara and 8 participants of Pokhara Airport Civil Aviation Office was successfully completed. Basic ARFF Refresher Course-009 for 16 participant was completed on 2075/09/11. Two batches of Advanced ARFF Course for 30 participants and basic ARFF Course for 16 participants was successfully completed.

### Engineering Faculty

Two batches of Spare Parts Maintenance & Management System (SMMS) Basic Course was successfully completed for 15 participants of CAAN and one batch of advanced Spare Parts Maintenance & Management System (SMMS) course for 6 participants completed. Induction/ orientation course for 16 engineering personnel of CAAN was successfully completed.

Induction / Orientation course for newly inducted 10 "Administration and Management" staff of CAAN was also completed in FY-2075/76.

### ARFF Faculty

Aerodrome and Rescue and fire fighting faculty had conducted following types of training in the Fiscal Year 2076/77 as approved by the Civil Aviation Academy. Some training are incomplete due to Covid 19 Pandemic. Among all the training ARFF Faculty had conducted 2 new training on

demand for the first time in Nepal i.e ICAO TRAINAIR PLUS STP 119/207/RFF AEH course and Breathing Apparatus Course for international participants.

S.No.	Training Courses	Starting Date	Ending date	Participants	Venue
1	ARFF Refresher Course-010	2076/06/27	- 2076/07/22	13	CAA/TIA
2	ICAO TRAINAIR PLUS STP 119/207/RFF/AEH (On Demand)	2076/08/09	- 2076/08/13	2 Int'l 9 National	CAA
3	Watch Tower Operation Course-005	2076/08/24	- 2076/08/26	8	TIA
4	Breathing Apparatus Course-007	2076/08/30	- 2076/09/04	16	CAA/TIA
5	Breathing Apparatus Course-Bhutanese(On demand)	2076/09/21	- 2076/09/25	10 Int'l	CAA/TIA
6	Advancd ARFF Course-008	2076/10/13	- 2076/11/29	14	CAA/TIA
7	ARFF Field Based Course	2076/10/26	- 2076/11/01	8	Nepalgunj CAO
8	Watch Tower Operation Course-006	2076/12/06	- 2076/12/08	6	Simara CAO
9	ARFF Field Based Course	2076/12/09	- 2076/12/13	7	Simara CAO

## Flight Safety

Programme	Duration	Place	Participants
Airside and Ramp Operation Safety Awareness Programme	22-24 Oct, 2019	Jomsom CAO	16
Airside and Ramp Operation Safety Awareness Programme	20-22 Nov, 2019	Surkhet CAO	14

## ATS Faculty

Courses	Start Date	Participants	Duration
ATC Licensing, Aerodrome Control and AFIS Course (AAA-007)	2075/10/28	16	29 Weeks
Approach and Area Control Course (AAA-003)	2075/09/23	19	24 Weeks
Approach and Area Control Course (AAA-004)	2076/03/12	19	

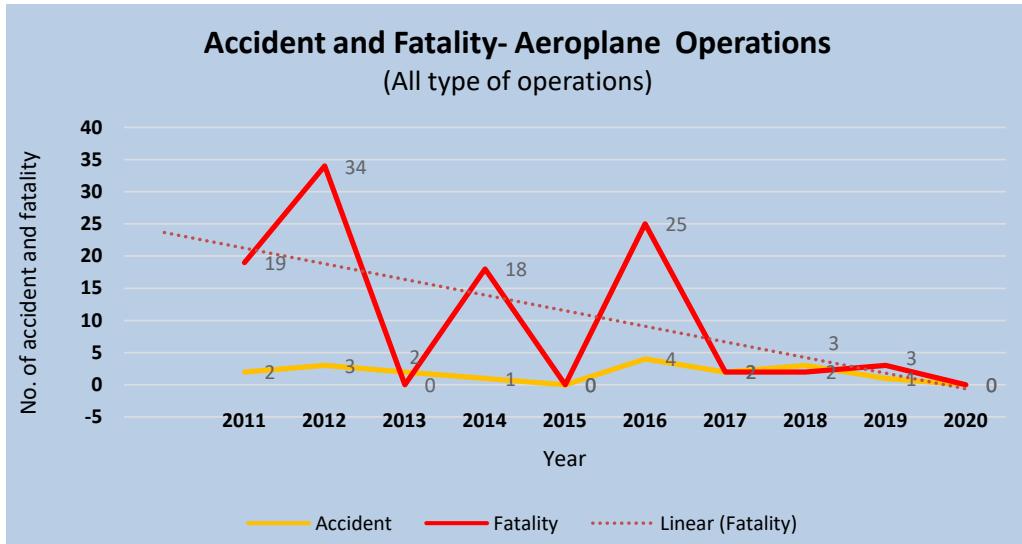


# *Aviation Safety and Security*

## Aircraft Accident in Nepal (2011-2020)

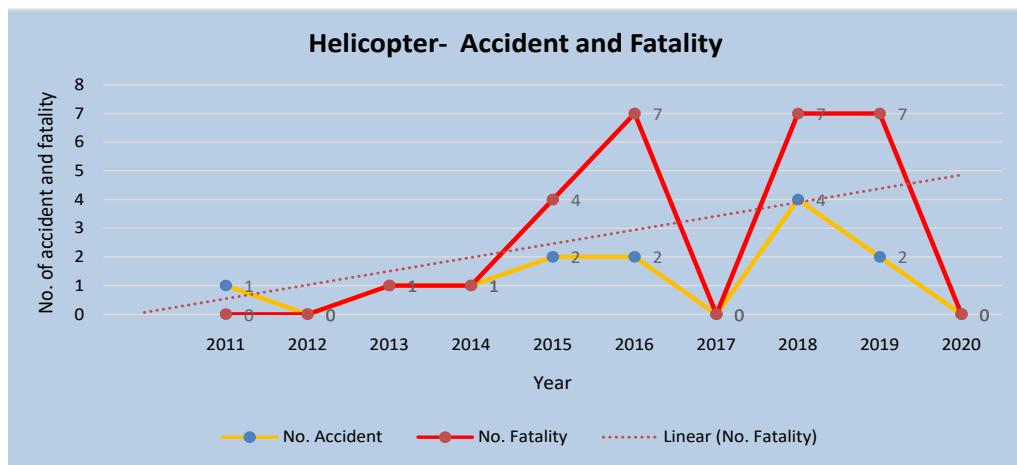
### Aeroplane Operations

Flight operations in different regions of Nepal pose different levels of complexity. Small twin-engine aeroplane like DHC-6-300, DO-228 and Let- 410 are involved in passenger and cargo operations in STOL airports located in high altitude mountainous region. Larger aircraft carry out international flights to or from Tribhuvan International Airport, Kathmandu. Other trunk sectors have been witnessing operations by medium category of aircraft. These specific conditions prevalent in Nepal have resulted in quite a heterogeneous fleet operating in the airspace of Nepal.



During the period of 2011-2020, average fatality rate involving airplanes is 10.3 per year. In first 5 years i.e. 2011-2015 the average fatality rate was 14.2 and whereas in second 5 years i.e. 2016-2020 it has decreased to 6.4 average fatality per year.

During last 3 years the fatality rate has further reduced to 2.0 fatalities per year. Accident of year 2017 was a Let 410 cargo aircraft with a fatality of 2 flight crews and accident of year 2018 was a C-208 cargo aircraft with fatality of 2 flight crews. The accident of year 2019 was a ground accident where 1 flight crew and 2 ground personnel were killed. There was no fatal accident in year 2020.

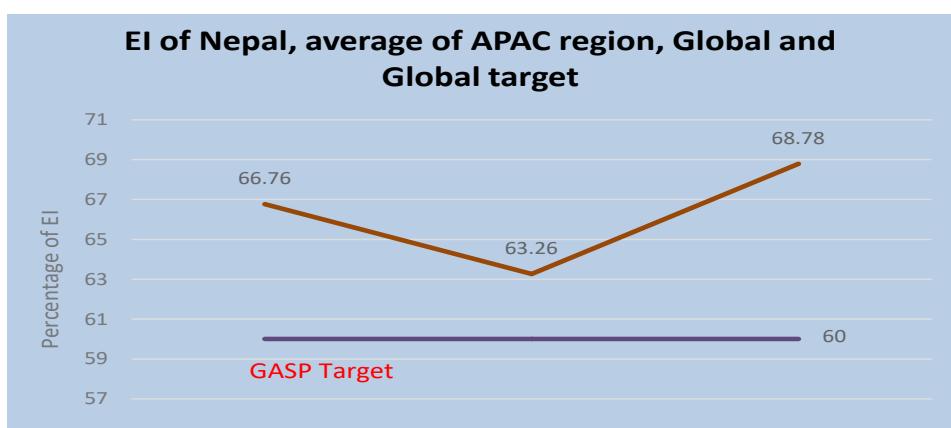


### Helicopter Operations

Helicopters are mainly operated in high altitude logistic support and rescue missions in mountains. Average fatality rate in helicopter operations for 2011-2020 is 2.7 persons per year. During the first 5 years i.e. 2011-2015, the fatality rate was 1.2 persons per year whereas in second 5 years i.e. 2016-2020 it is 4.2 fatalities per year. Air passenger growth in Nepal has increased by more than two folds during last 10 years and there is a significant increase in number of helicopters and its operations for last five years.

## Effective Implementation (EI) of Nepal

ICAO conducts regular USOAP audits of the regulatory functions of its member States. Such audits conducted by ICAO focus on a State's capability in providing safety oversight by assessing whether the State has effectively and consistently implemented the critical elements (CEs) of a safety oversight system, which enable the State to ensure the implementation of ICAO's safety-related Standards and Recommended Practices (SARPs) and associated procedures and guidance material.



First USOAP CMA of Nepal was conducted in 2009 and Nepal had achieved the Effective Implementation (EI) percent of 46.96%. The last USOAP (ICVM) audit of Nepal was conducted in 2017 and Nepal has achieved the EI percentage of Nepal is 66.76 % which is above the Current Global Target (GASP Target) rate of 60%. Similarly, the Current EI percentage of Nepal is above regional average EI of 63.26% and below the Global average EI percentage of 68.78%.

## Activities during the Pandemic

CAAN has been working in close coordination with the ICAO Asia Pacific Regional Office, Bangkok for dealing with the issues emanating from the crisis. CAAN has issued various guidelines such as COVID-19 Guidance 2020, CAAN SMS Guidance 2020, CAAN AVSEC Guidance 2020 besides issuing 14 Quick Reference Guide issued in line with ICAO QRG. CAAN has coordinated its aviation activities and guidance for stakeholders remaining in close coordination with ICAO HQ, APAC, COSCAP-SA, EASA, DGAC France, EU, EC etc. via virtual platforms.

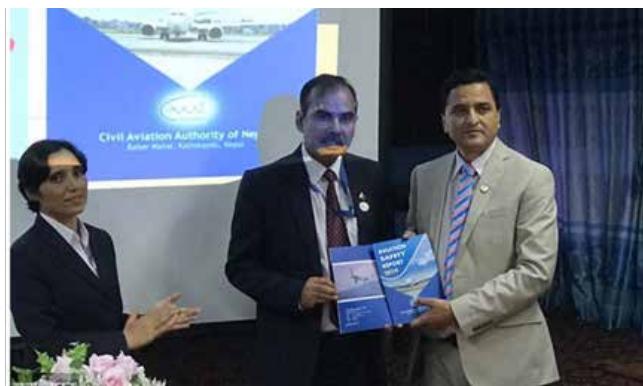
CAAN facilitated, via every means, for repatriation/cargo flights, medical flights, rescue flights, cargo flights.

Moreover, Nepal has regularly participated in all the eight meetings of ACCRPG (ICAO APAC COVID 19 Contingency and Recovery Planning Group) organized so far. Nepal was selected for the complimentary IPACK package from among the APAC States and administrations. It is under deployment phase now with 3 trainings and 12 workshops targeted for safety managers to manage COVID 19.

## Launching of Aviation Safety Report, 2020

Aviation Safety Report 2020, published by the Civil Aviation Authority of Nepal, was launched officially by Honorable Minister for Culture, Tourism and Civil Aviation Mr. Yogesh Bhattarai on 27 November 2020 in the presence of CAAN officials, aviation stakeholders including accountable executives and safety managers and media personnel.

The report depicts the safety status of Nepal and provides a brief overview of updates on safety indicators including accidents that occurred during the past ten years together with the operational safety risks of Nepal, implementation status of Nepal Aviation Safety Plan (2018-2022) safety priorities and State safety oversight information.



## Aviation Security Activities

Aviation Security Department has discharged its various responsibilities effectively and significantly this year. Installation and commissioning of Walk Through Metal Detector in Tumlingtar, Ramechhap, Bhojpur, Rajbiraj and Phaplu airports have been completed, guidance on Aviation Security During Covid-19 Pandemic has been developed and its implementation is being monitored through compliance check-list. Similarly, recommendations of USAP- CMA are in implementation phase and the Security oversight of TIA and domestic airports is in progress.

The 36<sup>th</sup> Meeting of National Civil Aviation Security Committee was also convened on 13 August 2019 in the chairpersonship of honorable minister, Culture, Tourism and Civil Aviation, Mr. Yogesh Bhattarai which approved sixth edition of National Civil Aviation Security Program, second edition of National Civil Aviation Quality Control Program and the Second edition of National Civil Aviation Training Program.

## Nepal Aviation Safety Campaign (NASC) - 2019

Nepal Aviation Safety Campaign (NASC), a joint initiative of Civil Aviation Authority of Nepal (CAAN), Airlines Operators Association of Nepal (AOAN), and World Food Programme (WFP), has been a major programme for safety enhancement in Nepal since 2013. NASC was organized in May 2012, June 2014, February 2016, June 2017 and August 2018.

The Campaign used to be organized as a single program including various trainings every year on aviation safety related topics. Feeling the need to organize safety activities throughout the year, the NASC modality has been changed from 2019 and CAAN, along with its co-partners AOAN and WFP, has been conducting trainings for the whole year through. In 2019, three trainings namely "Root Cause Analysis", "Aviation Audit" and "Aircraft Maintenance Reliability" have been organized from 25-27 September, 2-6 December and 16-20 December respectively. Several other topics of trainings have mutually been identified by the aviation stakeholders. The Campaign shall organize trainings and workshops on such topics of mutual interest in 2019 and in the years to come.

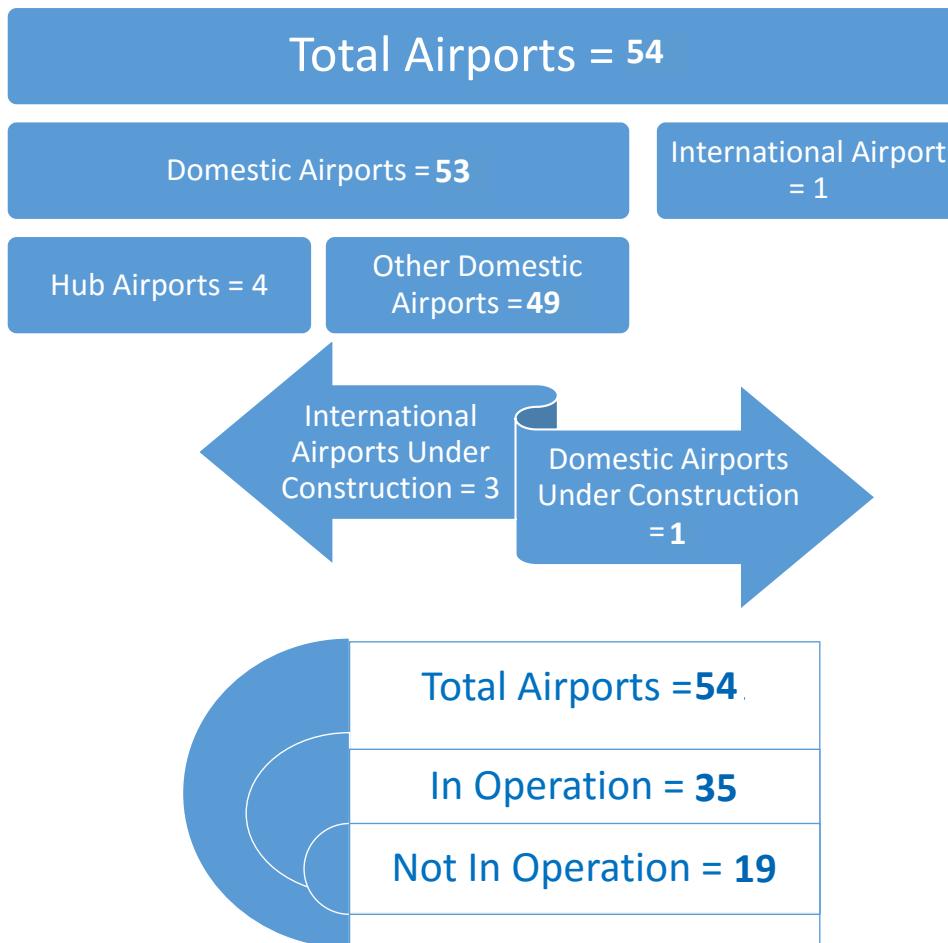
on 21st December 2020, participants from the co-partners including CAAN, AOAN, WFP joined in an online programme to mark the beginning of safety campaign for the year 2021. The programme included presentation on 'Human Factor and Decision Making', 'Business Continuity and the Adverse Impact of COVID-19' and 'Managing Safety during Pandemic -Nepal's Experience'.

Hundreds of participants from aviation fraternity have been benefitting directly from the NASC.



# *Airport Status*

# Status of Airports in Nepal



## International Airport

1. Tribhuvan International Airport

## Hub Airports

1. Biratnagar Airport
2. Gautam Buddha Airport
3. Nepalgunj Airport
4. Pokhara Airport

## Other Domestic Airports

1. Baitadi Airport
2. Bajhang Airport
3. Bajura Airport
4. Bharatpur Airport
5. Bhojpur Airport
6. Chandragadhi Airport
7. Dang Airport
8. Dhangadhi Airport
9. Dolpa Juphal Airport
10. Doti Airport
11. Janakpur Airport
12. Jomsom Airport
13. Jumla Airport
14. Khanidanda (Manamaya Rai) Airport
15. Lamidanda Airport
16. Phaplu Airport
17. Rajbiraj Airport
18. Ramechhap Airport
19. Rara Airport
20. Rukum Chaurjahari Airport
21. Rukum Salle Airport
22. Rumjatar Airport
23. Sanfebagar Airport
24. Simara Airport
25. Simikot Airport
26. Surkhet Airport
27. Taplejung Airport
28. Tenzing Hillary (Lukla) Airport
29. Thamkharka Airport
30. Tumlingtar Airport

## Airports Not in Operation

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Baglung (Balewa) Airport  | 11. Palungtar Airport          |
| 2. Darchula Airport          | 12. Rolpa Airport              |
| 3. Dhorpatan Airport         | 13. Syangboche Airport         |
| 4. Dolpa Masinechaur Airport | 14. Tikapur Airport            |
| 5. Jiri Airport              | 15. Gulmi Airport*             |
| 6. Kangeldanda Airport       | 16. Ilam (Sukilumba) Airport*  |
| 7. Langtang Airport          | 17. Kiji Chandeshwori Airport* |
| 8. Manang (Humde) Airport    | 18. Kalikot Airport            |
| 9. Meghuli Airport           | 19. Kamal Bazaar Airport       |
| 10. Mahendranagar Airport    |                                |

\* Airports are in process of publication of Aerodrome data and ICAO Location Indicator.

Domestic Airports under Construction		International Airports under Construction	
1.	Arghakhanchi Airport	1.	Nijgadh International Airport
		2.	Gautam Buddha International Airport
		3.	Pokhara Regional International Airport

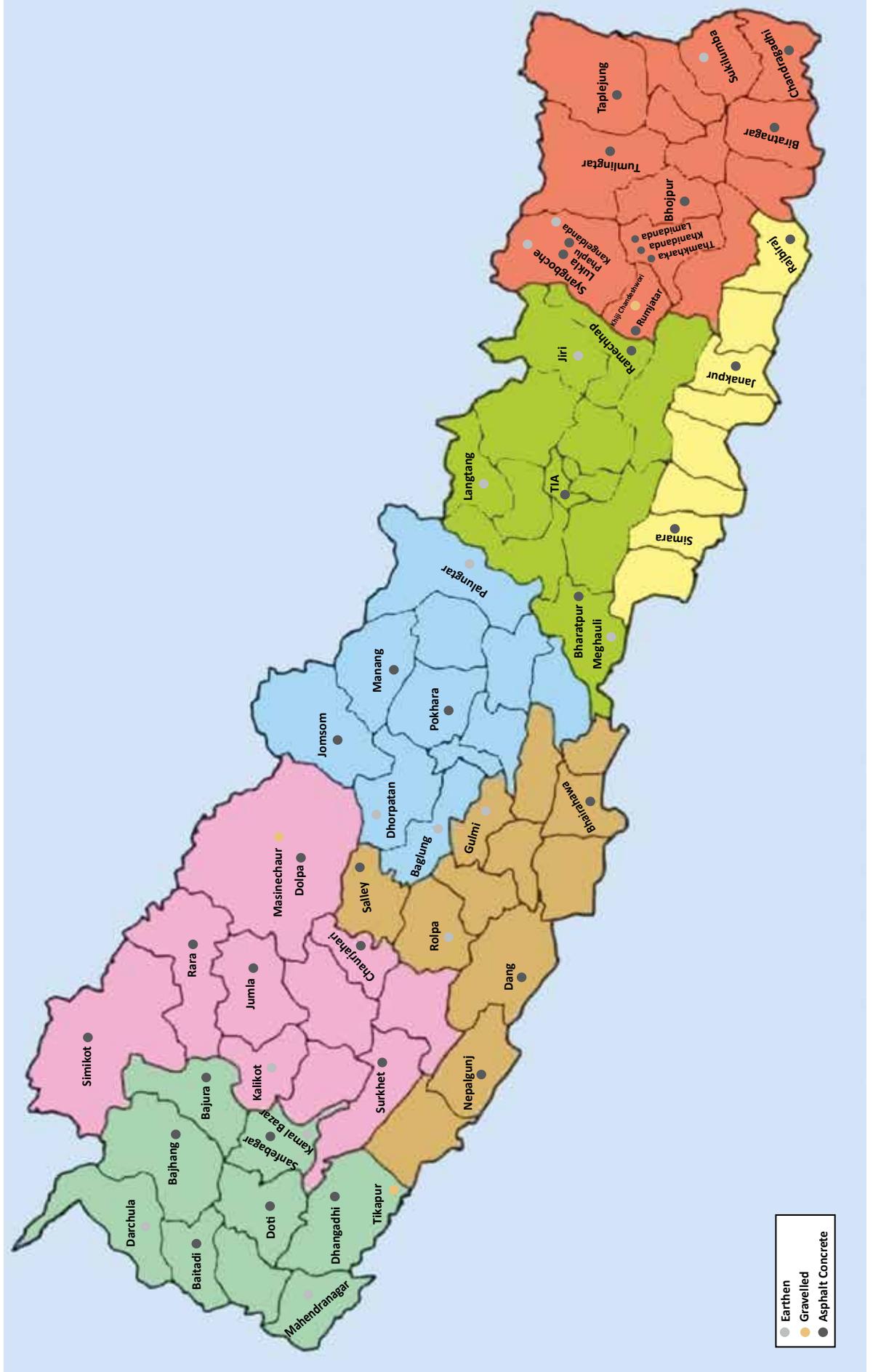
## Paved Airports

S. N.	Aerodromes	District	S.N.	Aerodromes	District
1	Baitadi Airport	Baitadi	19	Nepalgunj Airport	Banke
2	Bajhang Airport	Bajhang	20	Phaplu Airport	Solukhumbu
3	Bajura Airport	Bajura	21	Pokhara Airport	Kaski
4	Bharatpur Airport	Chitwan	22	Rajbiraj Airport	Saptari
5	Bhojpur Airport	Bhojpur	23	Ramechhap Airport	Ramechhap
6	Biratnagar Airport	Morang	24	Rara Airport	Mugu
7	Chandragadhi Airport	Jhapa	25	Rukum Chaurjahari Airport	Western Rukum
8	Dang Airport	Dang	26	Rukum Salley Airport	Eastern Rukum
9	Dolpa (Juphal) Airport	Dolpa	27	Rumjatar Airport	Okhaldunga
10	Doti Airport	Doti	28	Sanfebagar Airport	Achham
11	Dhangadhi Airport	Dhangadhi	29	Simara Airport	Bara
12	Gautam Buddha Airport	Rupandehi	30	Simikot Airport	Humla
13	Janakpur Airport	Janakpur	31	Surkhet Airport	Surkhet
14	Jomsom Airport	Mustang	32	Taplejung Airport	Taplejung
15	Jumla Airport	Jumla	33	Tenzing Hillary (Lukla) Airport	Solukhumbu
16	Khanidanda (Manamaya Rai) Airport	Khotang	34	Tribhuvan International Airport	Kathmandu
17	Lamidanda Airport	Khotang	35	Tumlingtar Airport	Sankhuwasabha
18	Manang (Humde) Airport	Manang	36	Thamkharka Airport	Khotang
			37	Bajhang Airport	Bajhang

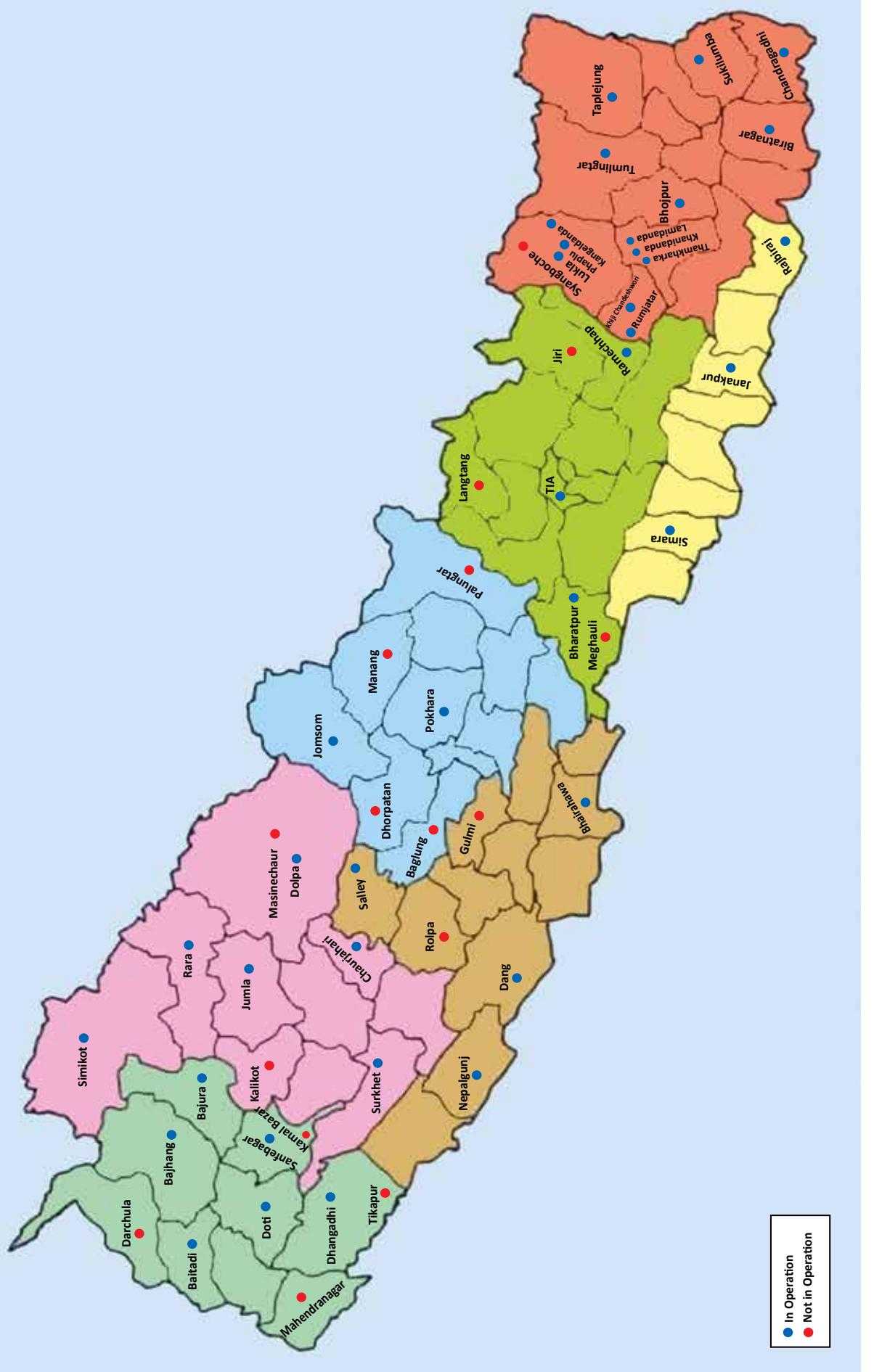
Airports under-going Pavement (Asphalt Concrete) Construction		Airports with Night Operation Facilities	
1.	Dolpa Masinechaur	1.	Biratnagar
2.	Kalikot	2.	Chandragadhi
		3.	Dhangadi
		4.	Gautam Buddha
		5.	Janakpur
		6.	Nepalgung
		7.	Simara
		8.	Tribhuvan International Airport



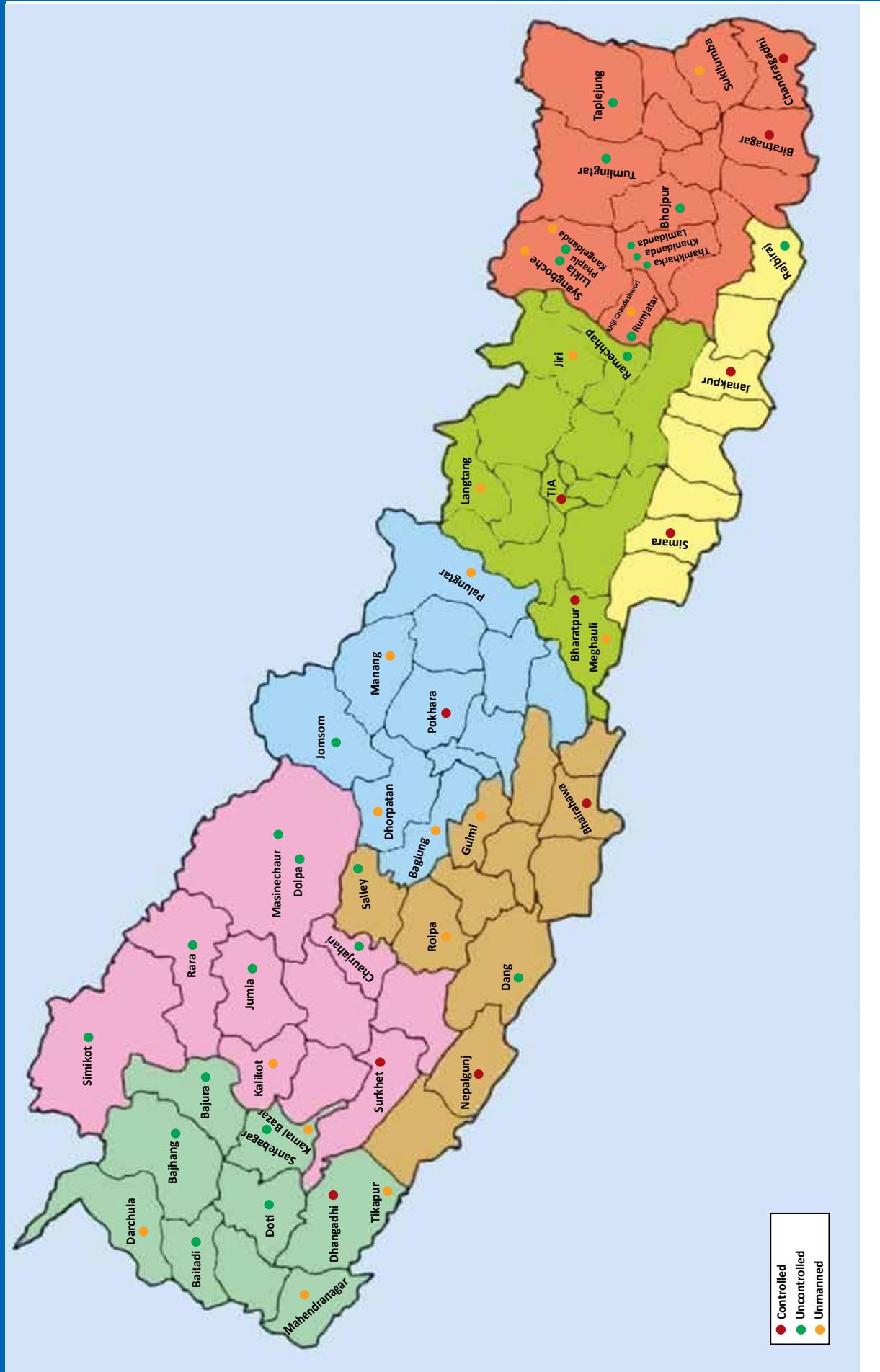
# Pavement Strength of Aerodromes



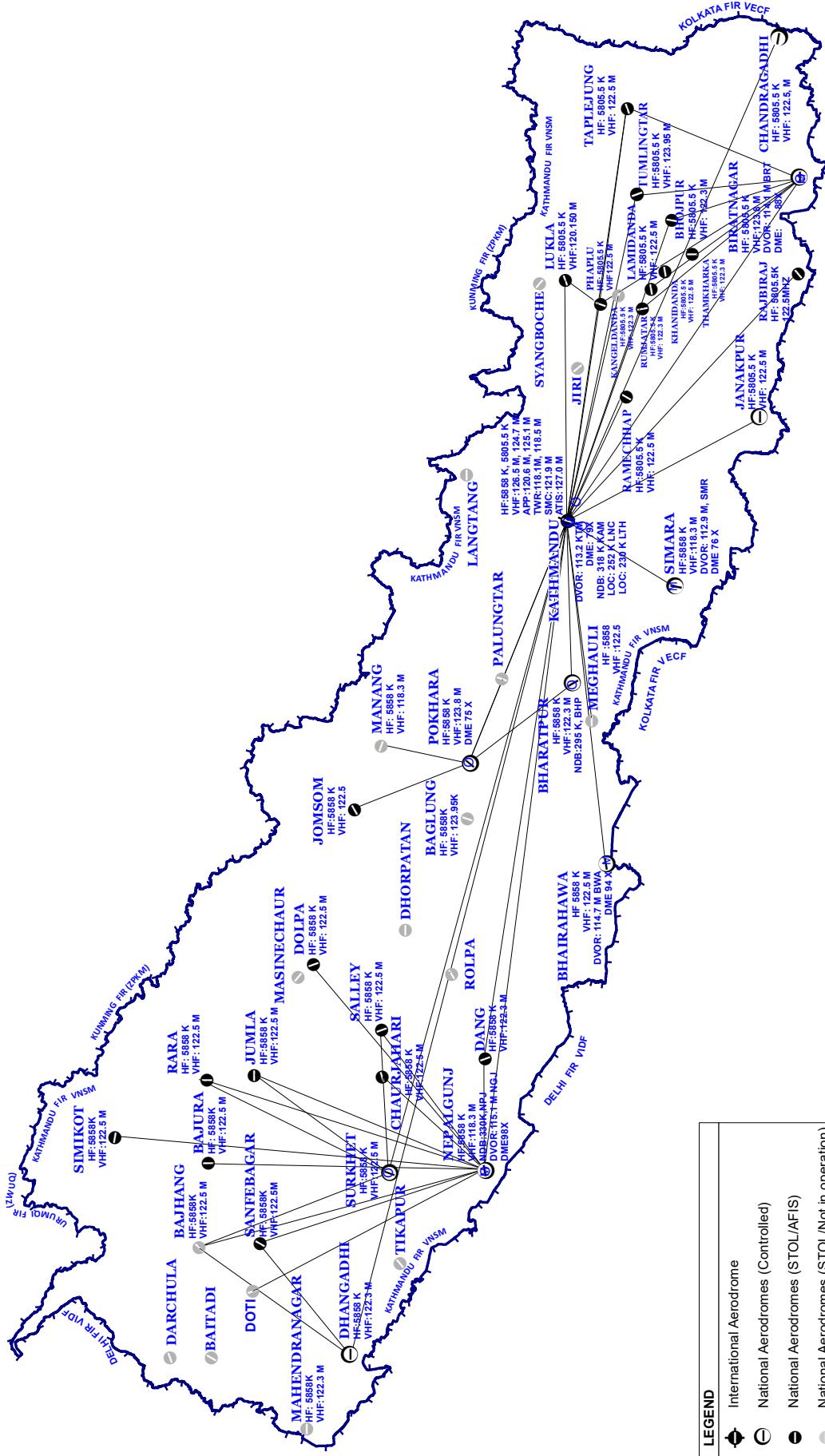
# Operational Status of Aerodromes



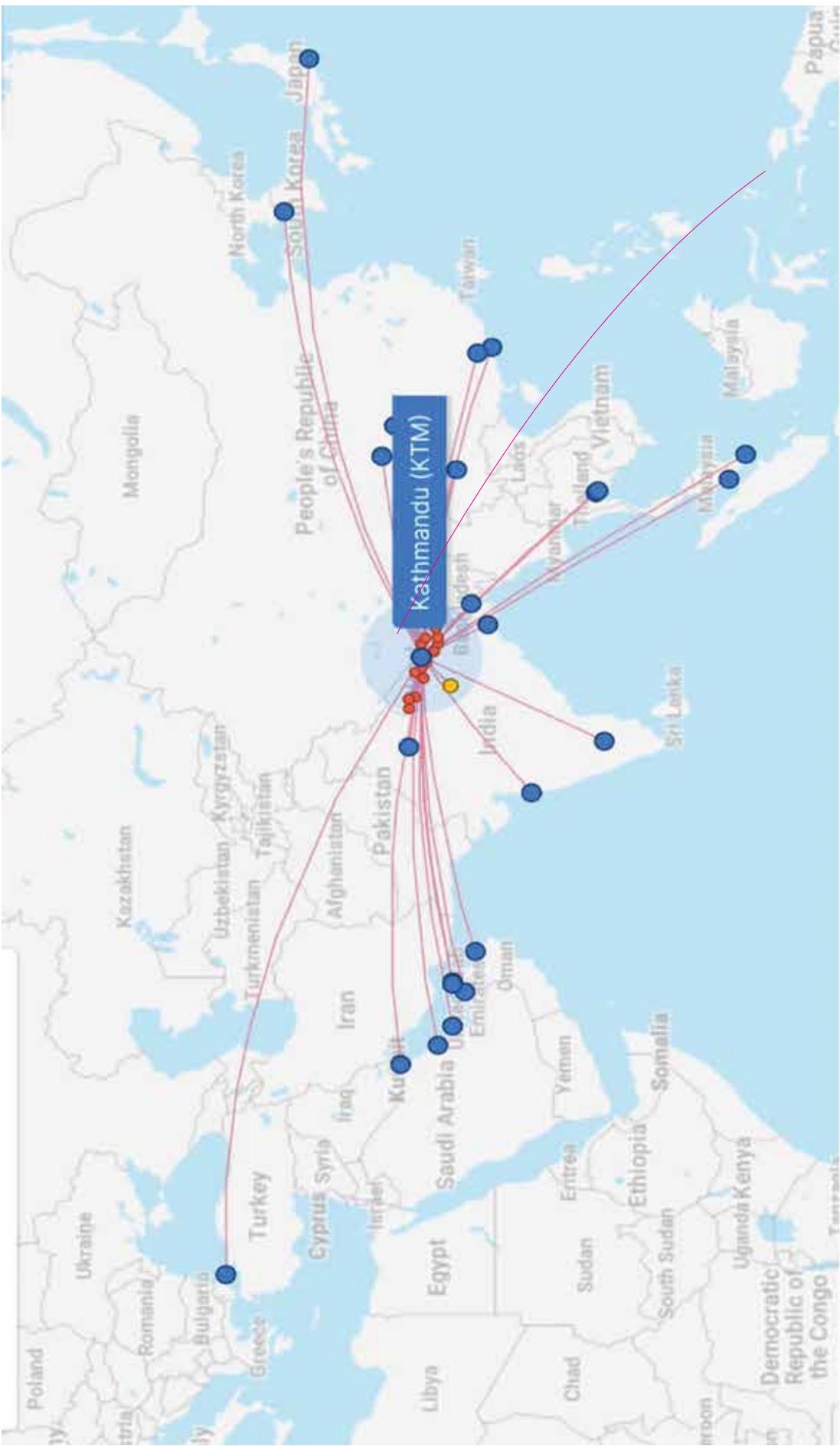
# Type of Air Traffic Services



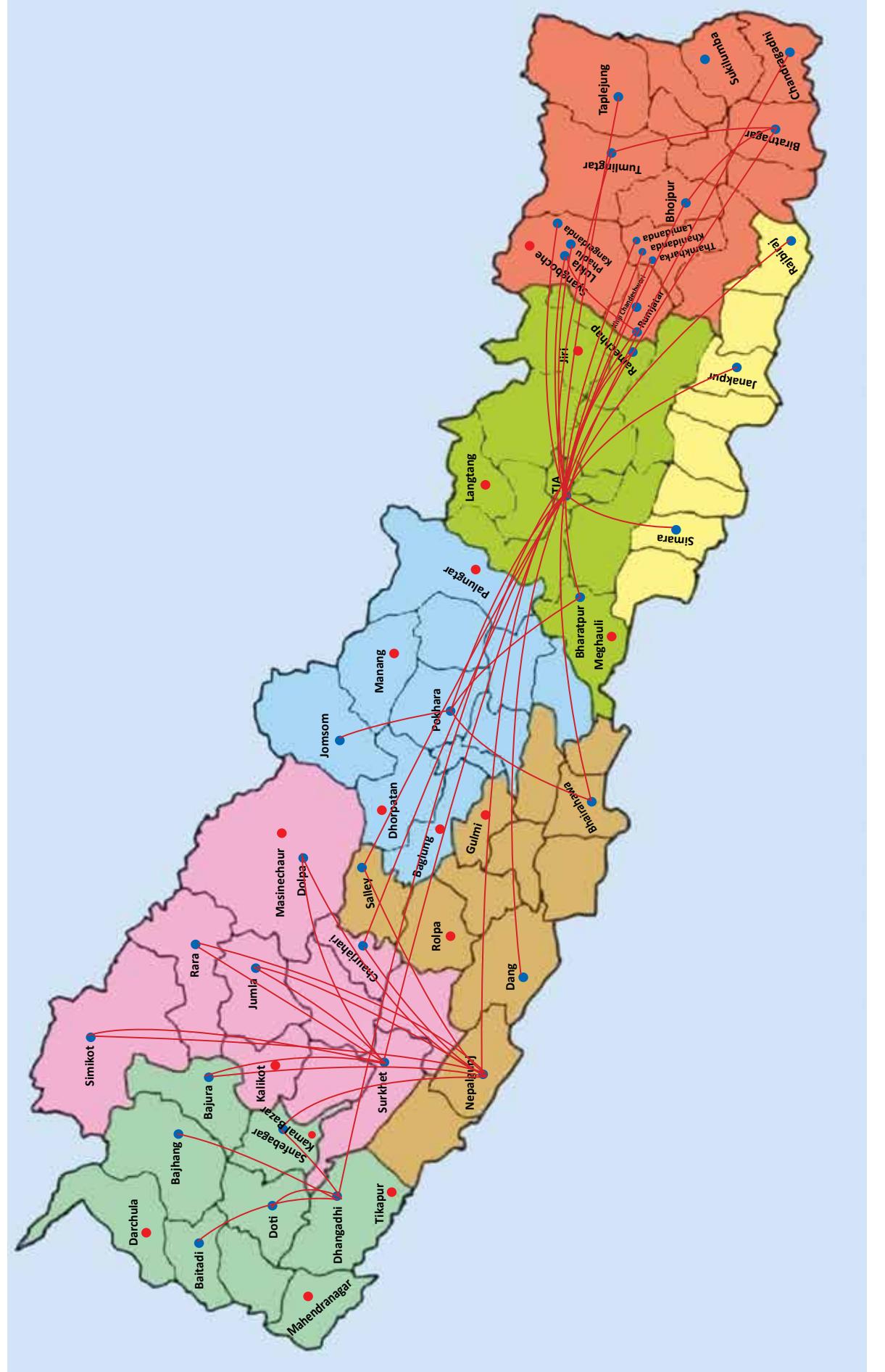
# CNS Strength of Aerodromes



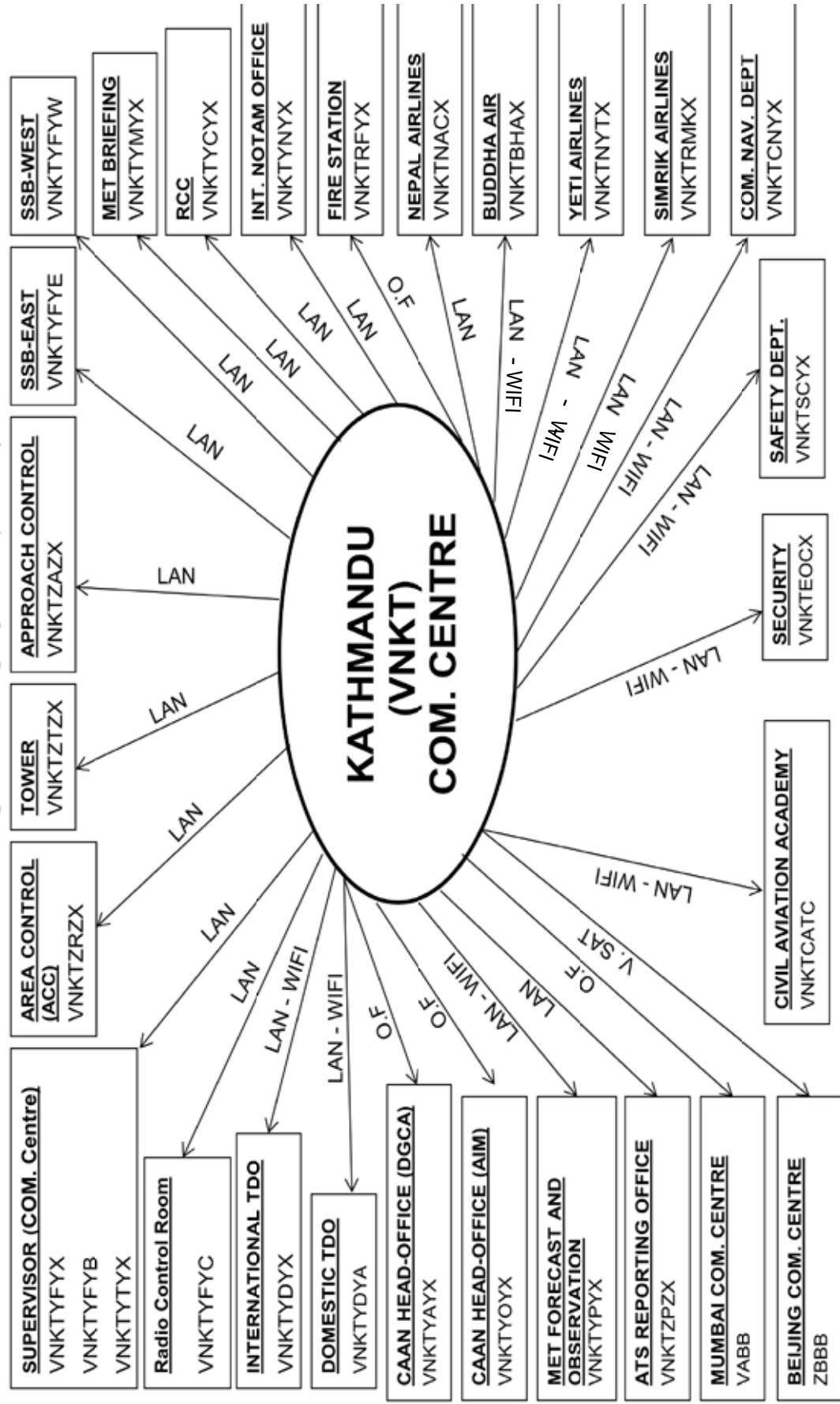
# International Air Connectivity of Nepal



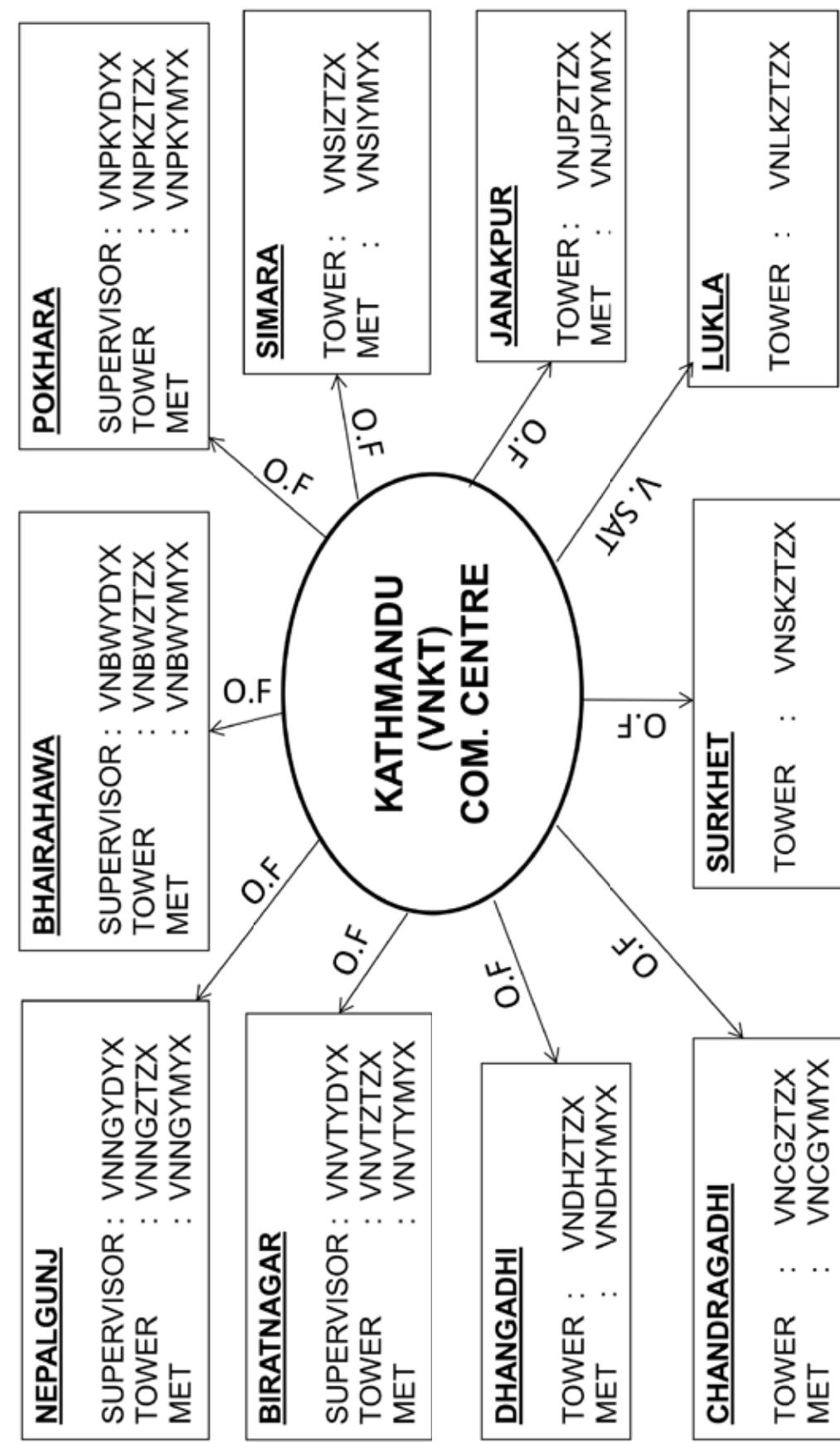
# Air Connectivity within Nepal



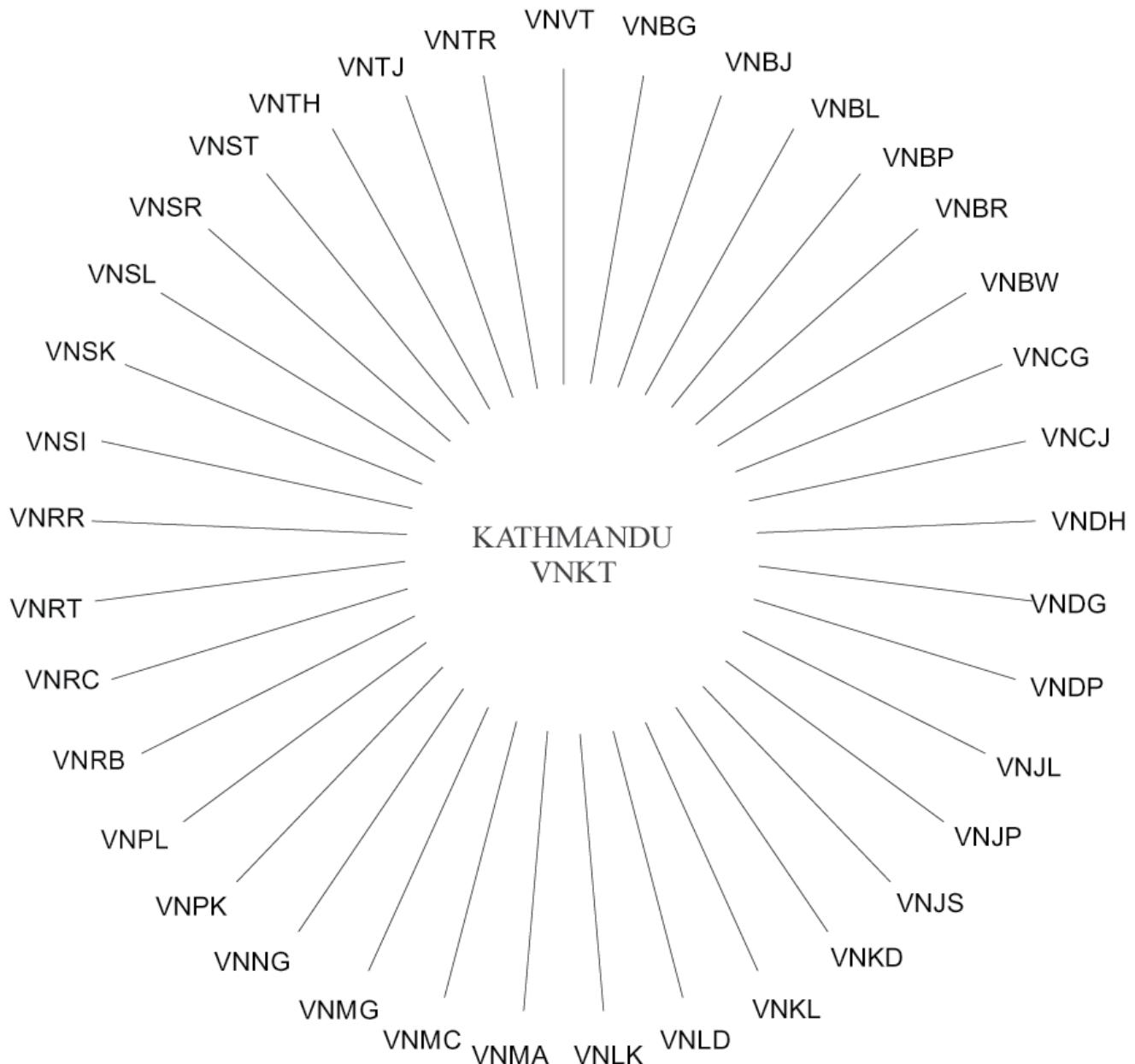
# Aeronautical Communication Network of Nepal (Inside Valley)



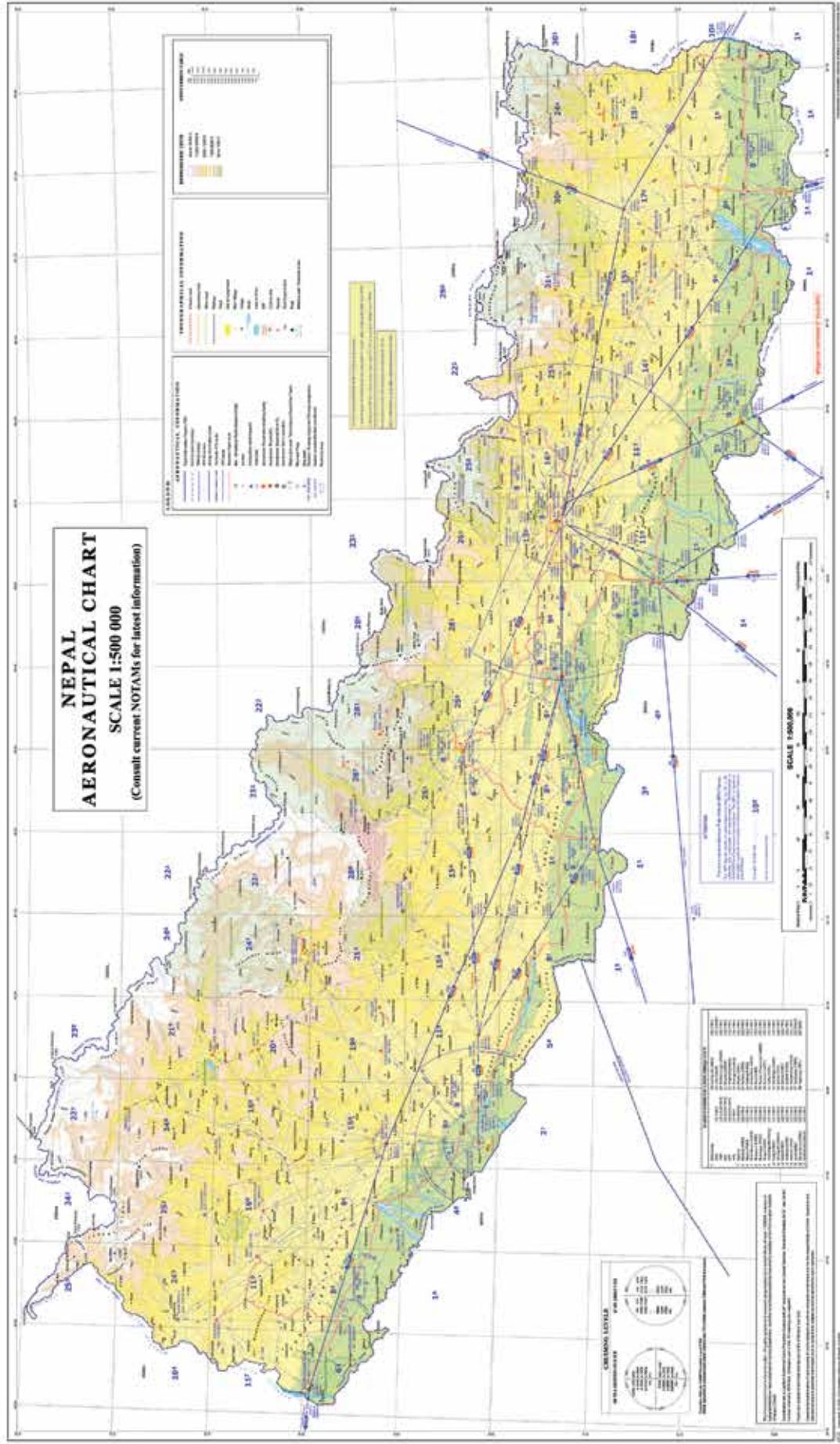
# Aeronautical Communication Network of Nepal (Outside Valley)



# Aeronautical Fixed Telecommunication Network of Nepal



# Aeronautical Chart of Nepal



# *Air Transport*

### Domestic Airlines Operating In Nepal

Fixed Wing-9	Rotor Wing-10
Nepal Airlines Corporation	Air Dynasty Heli Services
Yeti Airlines	Simrik Air
Buddha Air	Shree Airlines
Sita Air	Fishtail Air
Simrik Airlines	Mountain Helicopters
Tara Air	Prabhu Helicopters
Shree Airlines	Manang Air
Summit Air	Altitude Air
Saurya Airlines	Heli Everest
	Kailash Helicopter Services

### International Airlines Operating in Nepal

S. No.	Country	Airlines	Destination
1	Bangladesh	Biman Bangladesh Airlines	Dhaka
2	Bhutan	Tashi Air (Bhutan Airlines Pvt Ltd)	Paro
			Delhi
		Druk Air ( Royal Bhutan Airlines)	Paro
			Delhi
3	China	Air China	Chengdu
		China Eastern Airlines	Kunming
		China Southern Airlines	Guangzhou
		Sichuan Airlines	Lhasa
		Tibet Airlines Co. Ltd	Xi'an
4	Hong Kong	Cathay Dragon	Hong Kong
5	India	Air India Limited	Delhi
			Kolkata
		Inter Globe Aviation Limited (Indigo)	Delhi
		Space Jet Airlines Limited	Delhi
		TATA SIA Airlines Limited (Vistara)	Mumbai
6	Korea	Korean Air	Seoul
7	Kuwait	Jazeera Airways	Kuwait City
8	Malaysia	Malaysia Airlines	Kulalampur
		Malindo Air	Kulalampur

S. No.	Country	Airlines	Destination
9	Nepal	Buddha Air Pvt. Ltd. (International Operation)	Varanashi
		Nepal Airlines Corporation	Delhi
			Hong Kong
			Bangkok
			Bangaluru
			Mumbai
			Doha
			Kulalampur
			Dubai
			Narita
			Guangzhou
			Doha
			Dammam
			Abu Dhabi
			Dhaka
			Dubai
			Riyadh
			Guiyang
			Changsha
			Kulalampur
			Beijing
			Chongqing
10	Oman	Oman Air	Muscut
		Salam Air	Muscut
11	Qatar	Qatar Airways	Doha
12	Singapore	Silk Air	Singapore
13	Thailand	Thai Airways	Bangkok
		Thai Lion Air	Bangkok
14	Turkey	Turkish Airlines	Istanbul
15	U.A.E	Air Arabia	Sarjaha
		Etihad Airways	Abu Dhabi
		Fly Dubai	Dubai

# Valid AOC with Flight Crew Details

## Air Operators' AOC and Ministry License Details

S. No.	Air Operators' Name	AOC No.	AOC Validity	Total Aircrafts & (Type)	Aircraft Registration
1	Air Dynasty Heli Services	035/2001	15-May-22	6 units (AS350)	9N-AJD 9N-AFQ 9N-AGU 9N-ALA 9N-ANA
2	Altitude Air	085/2016	6-Oct-21	3 units (AS350)	9N-AMS 9N-AMX
3	Buddha Air	014/1996	15-Jul-20	<b>3 units (ATR-42) 8 units (ATR-72) 2 units (Beechcraft)</b>	<b>9N-AIM 9N-AIN 9N-AIT 9N-AJO 9N-AJS 9N-AJX 9N-AMD 9N-AMF 9N-AMU 9N-AMY 9N-ANI 9N-AEW 9N-AEE</b>
4	Summit Air (GOMA AIR)	064/2010	15-Jun-22	5 units (LET-410)	9N-AKZ 9N-AMG 9N-AMP 9N-AND
5	Fishtail Air (Summit Helicopters)	017/2001	15-Jan-22	<b>2 units (AS350) 1 unit Bell 206</b>	9N-AJQ 9N-AJR <b>9N-AII</b>
6	Heli Everest	086/2016	6-Dec-21	2 units (AS350)	9N-AKG 9N-AKP
7	Himalaya Airlines	084/2015	7-Dec-21	<b>3 units (Airbus320) 1 unit (Airbus319)</b>	9N-ALM 9N-ALV 9N-ALW 9N-AJK
8	Makalu Air	057/2009	15-May-20	3 units (C- 208B)	No Aircraft in Registration
9	Manang Air	082/2014	2-Jul-22	3 units (AS350)	9N-AMV 9N-ANJ
10	Mountain Helicopters	055/2009	15-May-22	2 units (AS350)	9N-AKB 9N-ALD
11	Nepal Airlines Corporation	003/2000	15-Jun-22	<b>3 units (DHC-6/300) 2 units (Airbus-320) 2 units (MA-60) 4 units (Y-12E) 2 units (Airbus-330)</b>	<b>9N-ABT 9N-ABU 9N-ABX 9N-AKW 9N-AKX 9N-AKQ 9N-AKR 9N-AKS 9N-AKT 9N-AKU 9N-AKV 9N-ALY 9N-ALZ</b>

S. No.	Air Operators' Name	AOC No.	AOC Validity	Total Aircrafts & (Type)	Aircraft Registration
12	Prabhu Helicopter	081/2013	31-Oct-21	1 unit (R-44) 4 units (R-66)	9N-AJW 9N-AJN 9N-AMJ 9N-ALU 9N-ALX
13	Saurya Airlines	083/2014	10-Nov-21	2 units (CRJ-200)	9N-ALE 9N-AME
14	Shree Airlines	030/2002	15-May-22	2 units (CRJ-200) 2 units (CRJ-700)  6 units MI-17  2 units AS350 2 units DHC-8 Q400	9N-AMA 9N-AMC 9N-AMB 9N-AMO 9N-ADL 9N-ADK 9N-ADM 9N-ADD 9N-AJA 9N-AHT 9N-ALF 9N-ALK 9N-ANE 9N-ANF
15	Simrik Air	034/2000	15-Apr-22	4 units (AS350) 1 unit (Bell 407)	9N-ALP 9N-AJZ 9N-AKD 9N-ANB 9N-ALT
16	Simrik Airlines	052/2009	24-Feb-22	2 units (Beechcraft)	9N-AGL 9N-AGI
17	Sita Air	033/2000	15-Jun-22	4 units (Do-228)	9N-AHB 9N-AHR 9N-AIE 9N-AJH
18	Tara Air	053/2009	15-Jul-20	4 units (DHC-6) 300 & 400 series	9N-AET 9N-AEV 9N-AKL 9N-ALO
19	Yeti Airlines	037/2004	15-Jul-20	5 units (ATR-72)  5 units (Jetstream)	9N-AMN 9N-AMM 9N-ALN 9N-ANC 9N-ANG 9N-AHU 9N-AHV 9N-AHY 9N-AIH 9N-AJC
20	Kailash Helicopter	087/2018	21-Mar-22	3 units (AS350)	9N-AML 9N-AJJ 9N-AMT

<b>Total AOC Issued</b>	<b>87</b>
<b>Valid AOC</b>	<b>18</b>
<b>Suspension</b>	<b>1</b>
<b>Invalid and Cancelled AOC</b>	<b>43</b>
<b>Ultralights and Paragliding AOC now converted to RAOC</b>	<b>25</b>
<b>Helicopter Operator with Valid AOC</b>	<b>9</b>
<b>Fixed Wing Operator with Valid AOC</b>	<b>8</b>
<b>Both Fixed and Rotor wing</b>	<b>1</b>

## Bilateral Air Services Agreement

Nepal has signed Bilateral Air Services Agreements and MoU with 40 different countries since 1963. Nepal adopted a liberal sky policy in 1992 since then it is gradually pursuing an open sky policy in accordance to the civil aviation policy 2006. Basic provisions of Bilateral Air Services Agreements between Nepal & various countries have been tabulated as follows:

S. No.	Country	Date/ Amendments	Designation	Destination	Weekly seats	Yearly seats
1	Australia	30 September 2019	Multiple	Points in Australia	To be decided by aeronautical authorities	To be decided by aeronautical authorities
2	Austria	20 Oct 1997	Multiple	Any 2 points in Austria	1400	72800
3	Bahrain	29 Dec 2008	Multiple	Bahrain	5600	291200
4	Bangladesh	23 May 2005	Multiple	Dhaka	7000	364000
5	Bhutan	23 may 2014	Multiple	Paro	4200	218400
6	Brunei	02 April 1997	Multiple	Bandar Seri Begwan	1400	72800
7	China	7 July 1998	Multiple	Beijing Shanghai, Lhasa, Guangzhou, Kunming, Chengdu and Xi'an	11200	582400
8	Croatia	30 Mar 2004	Multiple		1400	72800
9	Egypt	29 Nov. 1997	Multiple	Cairo	600	31200
10	France	7 July 1998	Multiple	Paris and another point	200	10400
11	Germany	26 July 2000	Multiple	2 points in Germany	1800	93600
12	Hong Kong HKSAR	23 may 2007	Multiple	HKSAR	2800	145600
13	India	9 Sept. 2009	Multiple	Delhi Mumbai Bangalore Chennai Hyderabad Kolkata	30000*** 30000*** 30000*** 30000*** 30000*** 30000***	1560000***
14	Israel	25 Dec 2006	single	Points in Israel	800	41600
15	Italy	8 May 1997	single	Rome	400	20800
16	Japan	17 Feb 1993	Multiple	Osaka	400	20800
17	Jordan	6 Oct 1999	Multiple	Points to Jordan	0	0
18	Kuwait	23 Jan 2006	single	Kuwait	400	20800
19	Luxembourg	18 Jun 1999	Multiple	2 Points	1400	72800

S. No.	Country	Date/ Amendments	Designation	Destination	Weekly seats	Yearly seats
20	Macau	19 Feb 1998	Multiple	Macau	1400	72800
21	Malaysia	12 Dec 2007	Multiple	Any points in Malaysia	4200	218400
22	Maldives	10 Oct 1996	Two Airlines	Male	No restriction	No restriction
23	Myanmar	21 April 2006	Multiple	Yangon	5300	275600
24	New Zealand	22 Oct. 2015	Multiple	Points in New Zealand	2800	145600
25	Oman	2 Dec. 1997	Multiple	Mascot	1400	72800
26	Pakistan	22Oct. 2015	Multiple	Karachi, Islamabad, Sialkot, Multan and Faisalabad	3800	197600
27	Philippines	18 Nov 2004	Multiple	Manila, Subic, Cebu, Davao	2500	130000
28	Qatar	1 Sep. 2009	Multiple	Doha	5600	291200
29	Republic of Korea	21 Sep 2004	Multiple	Seoul	800	41600
30	Russian Federation	5 Dec. 1989	single	Moscow	164	8528
31	Saudi Arabia	23 Oct. 2015	Multiple	Any Points in Saudi Arabia	5600	291200
32	Singapore	2 Feb 2010	Multiple	Singapore	5600	291200
33	Sri Lanka	23 Jan. 2009	Multiple	Colombo	2800	145600
34	Thailand	16 Feb. 2004	Multiple	Thailand	2000	104000
35	The Netherlands	17 April 1998	single	2 Points	1400	72800
36	Turkey	24 Sept. 2010	Multiple	Istanbul	2800	72800
37	United Arab Emirates	19 Oct. 2015	Multiple	Points in UAE	28000	1456000
38	United Kingdom	3 March 1994	Multiple	Points in UK	600	31200
39	Viet Nam	20 Oct. 2015	Multiple	Points in Viet Nam	2800	145600
40	Cambodia	29 November 2018	Multiple	Points in Cambodia	2800	145600

Note: Assumption of Air seats Aircraft type B757 with approximately 200seats/flight

\*\*\*21 touristic destination+ Deharadun, Bagdogra and Gorakhpur with unlimited seats.

# *Projects*

# National Pride Projects

## Gautam Buddha International Airport Project

The project suffered various obstructions from its inceptions; notable ones are earthquake of 2015, blockade from India, Terai movement and recently Corona epidemic causing delay in the project completion.

The project has achieved substantial completion in civil work as airfield, apron and landside parking is already completed. The International Terminal Building, Administrative Building and Crash fire Rescue building are nearing the completion as minor finishing works are outstanding.

The project is lagging in installation of Electromechanical equipments, Aeronautical Ground lighting and Terminal facilities due to the disturbance in supply chain, as these equipment has to be imported from overseas country mostly from China. The contractor has been exploring to import these goods using various inland and sea routes. The impending Corona epidemic has added uncertainty on the date of completion of the project and supposed to be operational in coming fiscal year.

The physical and financial progress of the project as of November 2020 is about 93% and 64% respectively.



Completed runway of GBIA



View from airside-ITB



View from Landside—Administrative building, Control tower and Terminal Building

## Pokhara Regional International Airport Project (PRIA)

The Construction of Pokhara Regional International Airport is currently ongoing even amidst the coronavirus pandemic which has almost brought the entire world to a standstill. Thus far, we have completed Physical Progress is at 66 % and the Financial Progress is 50.27 % till November 2020. In terms of major accomplishment for Physical infrastructure, the runway, taxiway, apron as well as isolated parking in the Airside of the Aerodrome has already been completed. The pavement structure of this Airport has been designed as a Rigid Pavement, a first instance in Nepal, to

increase its durability and design life considering the frequent rainfall in Pokhara region.

Similarly, the civil works for the Terminal, Hangar, ATC Building as well as other ancillary facilities for the airport such as Office, Customs & Cargo, Firefighting, Central and Lighting Substation, Garage, Water Supply Buildings are also completed. Storm water and Irrigation drainage system as well as Access road, Periphery Road and Terminal Area Road works are expected to be completed soon.

Furthermore, an essential part of this Project is its Communication, Navigation and Surveillance (CNS) system, Rescue and Firefighting facilities, Passenger Service facilities, Power Supply Facilities as well as Security Facilities which covers significant portion of the works. The Production, Procurement and transportation of these works/items have been completed and are waiting for their delivery at site.

For the Navigation system, the Pokhara Regional International Airport will be equipped with DVOR/DME Equipment as well as Category-I Precision Approach ILS system which includes equipment such as Localizer and Glide Path to help the aircraft with Instrument Landing System during adverse weather. The Airport will also be equipped with Wide Area Multilateration (WAM) based surveillance system and passenger boarding bridge system which will be used for the first time in Nepal.



Arial View of PRIAP

If we can swiftly overcome the Coronavirus Pandemic and start full-fledged construction and

logistics works, the Airport will be ready by the end of July 2021. However, the operation of Airport is a complex process which requires completion of Testing, Commissioning as well as acceptance from International Civil Aviation Organization. Similarly, the operation team and modality, flight routes, resources such as fuel, electricity, internet, telecom etc. need to be arranged by the end of July 2021 to commence operation.



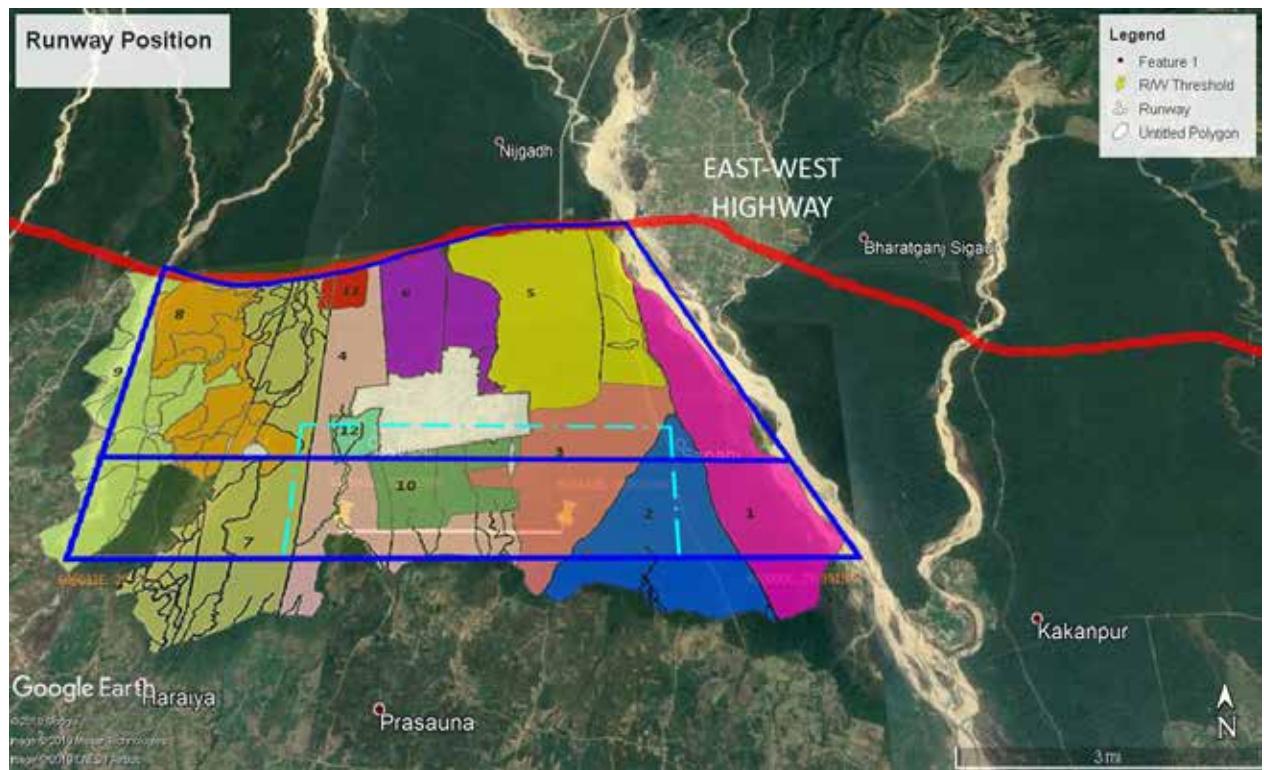
Terminal Building

### Nijgadh International Airport (NIA)

There are three settlements in the project area, of which the compensation distribution of private land, house, Trees, and other man made features is in progress. As of 15<sup>th</sup> Ashadh 2077, the title of 65 bigaha (Approx.) of private land has been transferred in the name of Civil Aviation Authority of Nepal (Second International Airport Project). The fencing work in the southern boundary and various part of the project area (Sahajnath Mandir Road, Kathgaun Road, Tangiya Basti road, Tamagadhi road) has been completed. As of 2077/03/15 the 2518 meter of River training work in Pasaha river is about to complete and the contract has been made for the river training work in Bakaiya river.

For the first phase development of SIAP in the 1900Ha area tree and pole enumeration and data collection work is in progress.

## Photographs:



Phase wise Development Planning on Strata Division Map of SIA Forest



Preparation  
Works  
Undergoing at  
NIA Site

# Airports Development Projects

## Contract ATCEP/NCB-01: Runway Extension and Associated Works:

This package includes the extension of existing runway of TIA towards south (02) by 300 meters and additional 300 meters including 60 meters Runway Strip and 240 meters Runway End Safety Area (RESA). This contract package also includes the construction of perimeter road, drainage system, placement of airfield ground lights and approach lights.

Letter of Acceptance: December 05, 2018

Date of Agreement: December 19, 2018

Date of Commencement: January 02, 2019

Date of Completion: June 27, 2020

Date of Completion(Revised): December 30, 2020

Till to-date (June 20, 2020): Substantially completed (96%)

### Up to-date Status:

Contractor started the runway extensions work on January 02, 2019. All construction works were continued and final asphalt surface course completed on May 29, 2020. The critical part near the existing runway end was carried out during the COVID-19 lockdown period. The existing Runway and Threshold Markings and the Airfield Lights were displaced at temporary position (120-meter north from Runway End 02) on March 31, 2020 for runway extension construction works. After completion of runway pavement works, existing



Runway Threshold Light, and Precision Approach Light at Runway 02 End were reinstated at their original position on June 02, 2020 along with pavement marking.

## Contract Package ATCEP/NCB-02: International Terminal Building Expansion & Reconfiguration and Associated Works at TIA:

Present International Terminal Building (ITB) was constructed in the year 1990 and extended in 2000 along with total gross floor area of 21,700 Sqm. After 19 years of expansion, due to increasing in air traffic & demanding of passenger facilities, present ITB is going to be expanded as follows:

- Construction of ITB Expansion (total expansion area: 3,841.89 Sqm.) inclusive of new Gate Lounge (Departure Gates) of 1,980.34 Sqm., Arrival Bus Station of 427.04 Sqm., Additional



Baggage Claim Area of 1,434.51 Sqm.

- Reconfiguration of existing ITB at airlines Check-in area, relocation of Check-in Security



Screening Area, Passenger Lounge, Immigration and Custom Area;

- Installation of Baggage Handling System at Departure Check-in area, Airport Security System, Flight Information Display System and Associated MEP works

Letter of Acceptance: August 11, 2017

Date of Agreement: August 30, 2017

Date of Commencement: November 15, 2017

Date of Completion (Original): August 06, 2019

Date of Completion (Revised): December 27, 2020

Till to-date (November 30, 2020): 85%

#### Up to-date Status:

Gate Lounge (Departure Gates) with 6 nos. of gates was opened for international passenger movement on April 01, 2020. Demolition of existing sterilize hall was started on April 22, 2020 to develop the ramp road and airside GSE apron.



# *Financial Information*

**Civil Aviation Authority of Nepal**  
**Approved Budget for FY 2077/78 (2020/21)**

Sources(Rs.)		Uses(Rs.)	
Income	2.0732 Billion	Capital Budget	30.6448 Billion
Airport Development Fund	602.8 Million	Staff Emolument	1.384 Billion
Loan/Share/Grant from GoN	20.9565 Billion	Retirement Payment	524 Million
<b>Total</b>	<b>23.6325 Billion</b>	<b>Other Operating Budget</b>	<b>1.66 Billion</b>
Receivable from GoN	865.5 Million	VAT Payment	3.3443 Billion
Vat Credit	1.2662 Billion	Retirement Fund & Other Payment	357.60 Million
		Staff Bonus (upto 2073/74)	789.7 Million
<b>Total Income</b>	<b>25.7662 Billion</b>	Aircraft Operation Fund (Non Operative A/C)	627 Million
Advance & Mobilization	3.2999 Billion	Asset Replacement Fund	1.5348 Billion
Opening Bank Balance	10.3538 Billion	Tax Provisions	400 Million
<b>Total</b>	<b>42.1208 Billion</b>	<b>Total</b>	<b>41.113 billion</b>
<b>Net Saving</b>	<b>10.5 Million</b>		



Bhojpur Airport

**Civil Aviation Authority of Nepal**  
**Officewise Income Summary(FY 2076/77)**

SN	CAAN Office	Total Income
1	Aircraft Operation Fund	1,492,800.00
2	Bajura CAO	344,096.30
3	Bharatpur CAO	28,517,552.23
4	Bhojpur CAO	166,657.67
5	Biratnagar CAO	73,206,877.66
6	Chandragadhi CAO	26,081,519.80
7	Chaurjahari CAO	38,862.78
8	Civil Aviation Academy	8,067,926.55
9	Dang CAO	1,641,579.21
10	Dhangadhi CAO	18,858,076.51
11	Dolpa CAO	638,211.54
12	Flight Safety Standard	78,701,160.31
13	Gautam Buddha International CAO	43,309,088.41
14	Janakpur CAO	1,141,772.91
15	Jomsom CAO	4,088,701.87
16	Jumla CAO	1,071,607.73
17	Central Revenue Unit	17,475,025.45
18	Lamidanda CAO	5,325.00
19	Tenjing Hillary CAO	11,946,650.28
20	Nepalgunj CAO	56,158,644.44
21	Phaplu Civil Aviation Office	1,431,667.30
22	Pokhara CAO	71,906,996.38
23	Rajbiraj CAO	1,062,070.15
24	Ramechhap CAO	5,043,840.19
25	Rara CAO	2,166,196.12
26	Rumjatar CAO	118,796.10
27	Salle CAO	306,013.26
28	Sanphebagar CAO	39,563.15
29	Simara CAO	11,316,041.47
30	Surkhet CAO	4,504,979.68
31	Taplejung CAO	726,170.49
32	Thamkharka CAO	60,186.84
33	Tribhuvan International Airport CAO	5,490,781,211.00
34	Tumlingtar CAO	1,904,248.75
<b>Total Income</b>		<b>5,964,320,117.53</b>

Note : TIA Income Consists ADF Income Of 1,347,794,095.81

## Civil Aviation Authority of Nepal

### Officewise Expenses Summary(FY 2076/77)

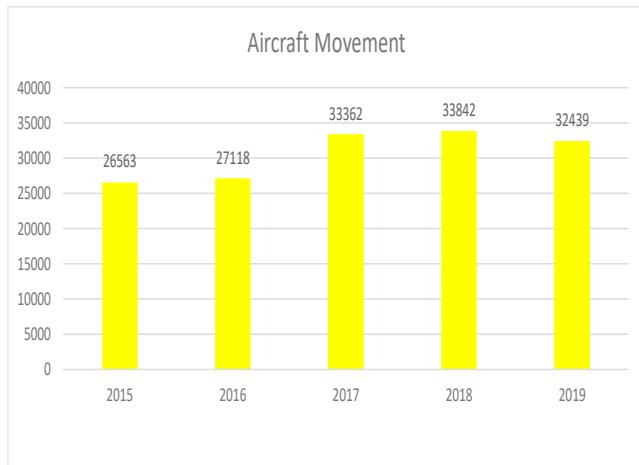
SN	Caan Offices/Branches	Budget (with Vat)	Total Expenses	Percent
1	Board/DGCA Secretariat	30,134,750.00	17,219,488.58	57.14%
2	Air Navigation Services Directorate	8,026,750.00	4,217,093.19	52.54%
3	Aviation Security Department	25,125,425.00	11,993,159.30	47.73%
4	Aerodrome Engineering Department	3,167,392,597.57	1,609,479,900.30	50.81%
5	Finance Department	5,268,598,645.27	2,489,189,358.80	47.25%
6	Administration Department	126,298,919.00	103,732,357.21	82.13%
7	Com. & Nav. Aid Department	484,939,890.64	49,779,348.64	10.27%
8	Civil Aviation Academy	152,019,810.00	42,085,414.26	27.68%
9	Internal Audit Department	17,573,350.00	6,397,946.85	36.41%
10	ATM Department	21,783,700.00	8,487,940.82	38.96%
11	ANS Safety Standards Department	4,043,500.00	1,493,173.85	36.93%
12	Aerodrome Safety Standards Department	7,108,150.00	2,805,065.37	39.46%
13	National Pride Project		6,928,267,523.27	
14	Gautam Buddha Airport Enhancement Project		536,491,065.12	
15	Gautam Buddha Airport Enhancement Project (Land Acquisition)	22,733,586,165.98	2,146,646,646.60	43.11%
16	Second International Airport Project		67,248,206.70	
17	Pokhara Regional International Airport Project		121,607,862.14	
18	ATCEP	6,395,267,050.19	3,141,804,301.83	49.13%
19	Taplejung Civil Aviation Office	3,303,290.00	2,618,187.62	79.26%
20	Chandragadhi Civil Aviation Office	21,762,335.00	15,008,492.38	68.97%
21	Tumlingtar Civil Aviation Office	6,269,465.00	4,043,887.18	64.50%
22	Bhojpur Civil Aviation Office	3,089,210.00	2,259,903.47	73.15%
23	Biratnagar Civil Aviation Office	83,488,495.00	69,400,285.59	83.13%
24	Lamidanda Civil Aviation Office	2,590,040.00	1,522,350.03	58.78%
25	Tenzing Hillari Airport Civil Aviation Office	10,812,255.00	8,367,188.41	77.39%
26	Rumjatar Civil Aviation Office	2,838,690.00	1,460,358.37	51.44%
27	Phaplu Civil Aviation Office	3,259,690.00	2,559,843.90	78.53%
28	Thamkharka Civil Aviation Office	2,911,810.00	640,116.31	21.98%
29	Manamaya Rai Khanidanda Civil Aviation Office	1,942,840.00	758,150.30	39.02%
30	TIA Civil Aviation Office		1,433,534,633.47	
31	TIA Civil Aviation Office (ADF)	3,898,781,284.00	327,876,784.11	45.18%
32	Janakpur Civil Aviation Office	17,668,575.00	11,864,955.29	67.15%
33	Ramechhap Civil Aviation Office	4,609,210.00	3,610,553.42	78.33%
34	Simara Civil Aviation Office	21,140,348.27	11,704,035.31	55.36%
35	Bharatpur Civil Aviation Office	14,279,605.00	9,840,293.43	68.91%
36	Pokhara Civil Aviation Office	31,238,411.20	20,220,046.83	64.73%
37	Gautam Buddha Airport Civil Aviation Office	84,076,615.00	22,862,304.67	27.19%
38	Manang Civil Aviation Office	565,790.00	312,137.20	55.17%
39	Jomsom Civil Aviation Office	6,707,860.00	3,989,502.09	59.48%

40	Nepalgunj Civil Aviation Office	52,235,610.00	33,367,604.41	63.88%
41	Surkhet Civil Aviation Office	8,364,125.00	6,224,744.69	74.42%
42	Dang Civil Aviation Office	4,129,193.00	3,417,035.51	82.75%
43	Rukum (Salley) Civil Aviation Office	2,040,640.00	1,477,459.21	72.40%
44	Dolpa Civil Aviation Office	2,899,540.00	2,005,648.98	69.17%
45	Jumla Civil Aviation Office	4,439,040.00	2,680,433.30	60.38%
46	Simikot Civil Aviation Office	8,363,110.00	6,060,130.18	72.46%
47	Dhangadhi Civil Aviation Office	14,196,547.30	10,005,427.12	70.48%
48	Sanfegagar Civil Aviation Office	3,071,990.00	2,103,453.51	68.47%
49	Bajhang Civil Aviation Office	754,440.00	127,785.00	16.94%
50	Doti Civil Aviation Office	641,800.00	22,284.77	3.47%
51	Bajura Civil Aviation Office	3,146,950.00	199.02	0.01%
52	Rara (Mugu) Civil Aviation Office	4,256,760.00	1,487,973.55	34.96%
53	Rescue & Fire-fighting Department	199,128,500.00	99,092,281.19	49.76%
54	Electromechanical Department	934,004,426.00	296,787,065.16	31.78%
55	Civil Aviation Safety Regulation Department	54,266,460.00	26,051,988.13	48.01%
56	Human Resource Development Department	147,255,940.00	38,477,180.99	26.13%
57	Domestic Airports Facilitation Department	10,851,250.00	8,077,926.90	74.44%
58	ICAO, Intl. Affairs and Legal Department	6,679,900.00	1,953,606.12	29.25%
59	AIM Department	130,142,000.00	2,346,993.30	1.80%
60	Corporate Directorate	103,534,000.00	4,670,030.00	4.51%
61	Corporate Planning and Monitoring Department	353,742,180.00	56,422,521.34	15.95%
62	CNS P & D Department	201,019,390.00	36,381,926.47	18.10%
63	Civil Aviation	3,459,800.00	3,352,435.45	96.90%
64	Aerodrome Operations Directorate	1,126,000.00	98,329.50	8.73%
65	Pension Fund	372,110,000.00	240,332,839.01	64.59%
66	Improvement of ASF Project	1,501,246,500.23	5,693,788.90	0.38%
67	Emergency Fund	89,948,000.00	25,567.75	0.03%
68	Employee Welfare Fund	290,000.00	61,213.00	21.11%
69	Flight Safety Standards Department	75,393,550.00	41,705,323.83	55.32%
70	Baglung Civil Aviation Office	1,275,840.00	545,678.89	42.77%
71	Rajbiraj Civil Aviation Office	4,438,760.00	3,073,014.07	69.23%
72	Kangeldanda Civil Aviation Office	962,290.00		0.00%
73	Rukum Chaurjahari Civil Aviation Office	2,450,940.00		0.00%
	<b>Total</b>	<b>46,965,099,993.65</b>	<b>20,177,529,751.46</b>	<b>42.96%</b>

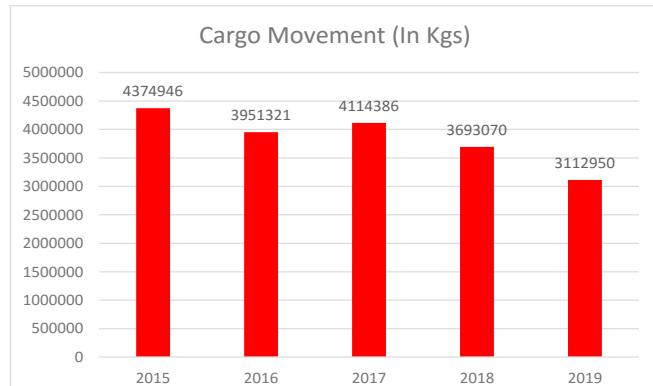
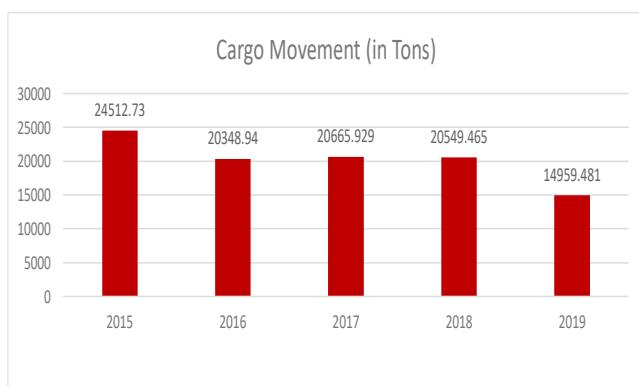
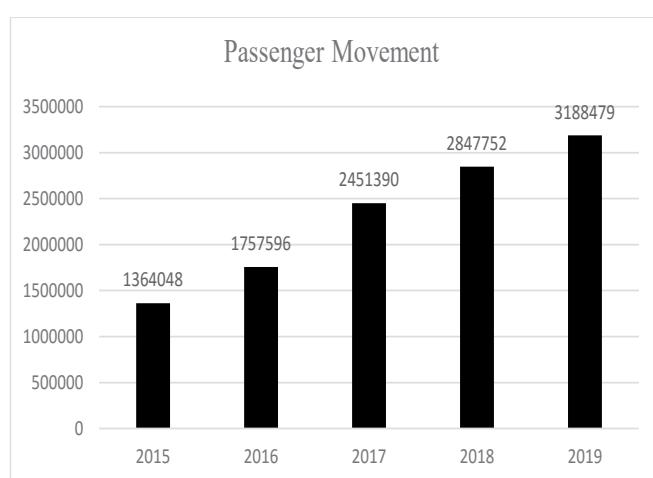
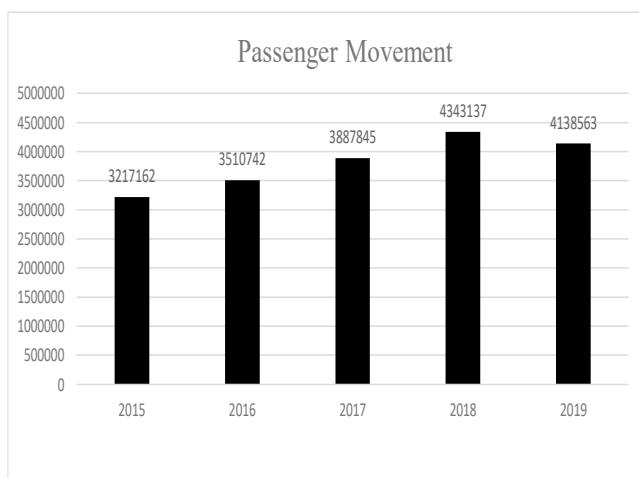
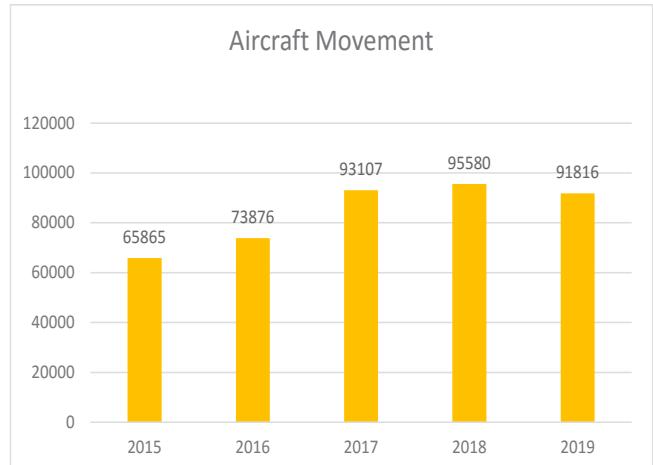
*Statistics*

# Flight Movement Data 2015-19

## TIA INTERNATIONAL

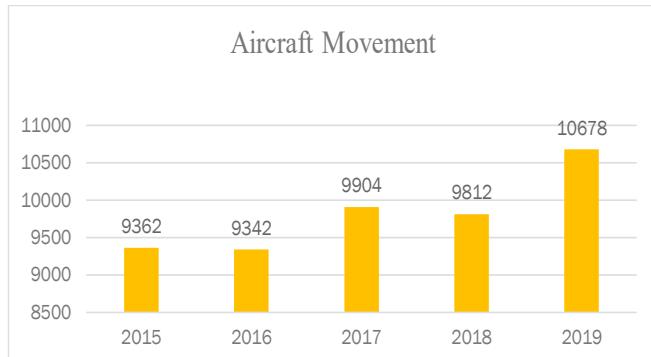


## TIA DOMESTIC

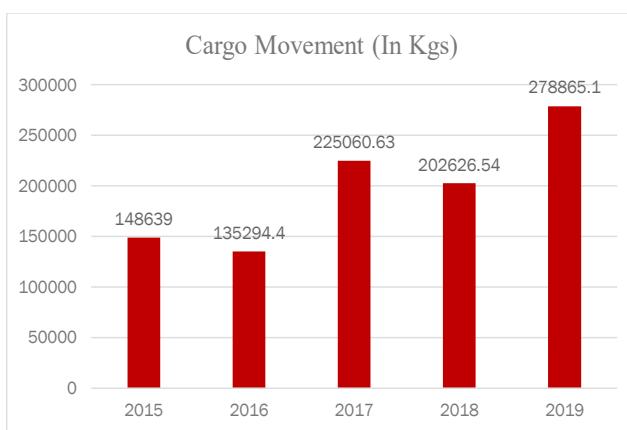
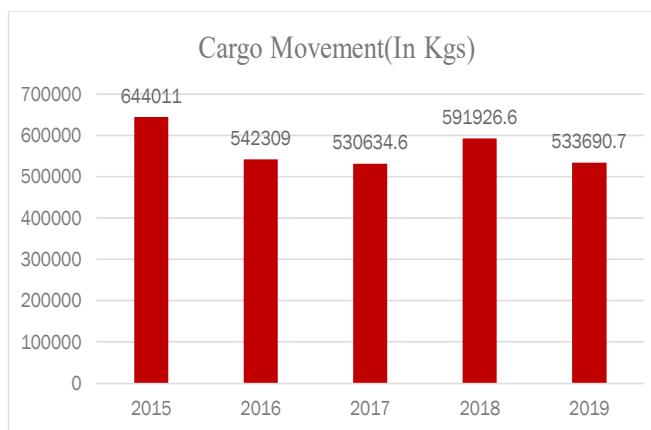
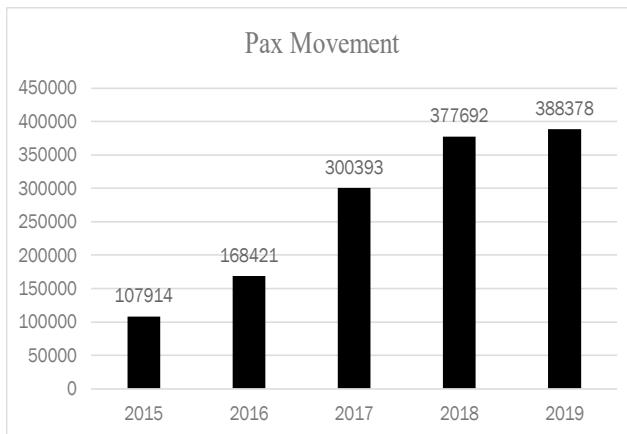
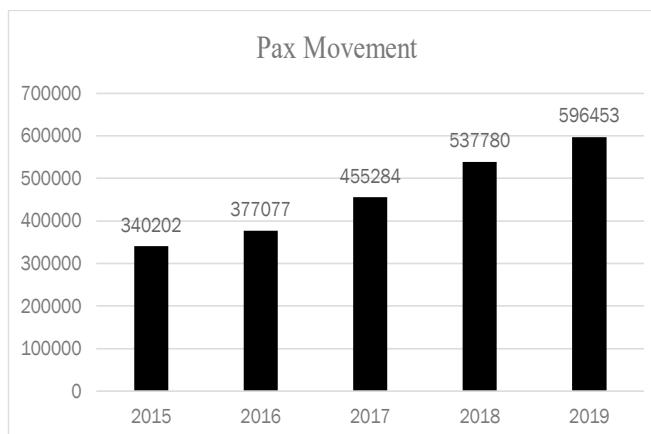
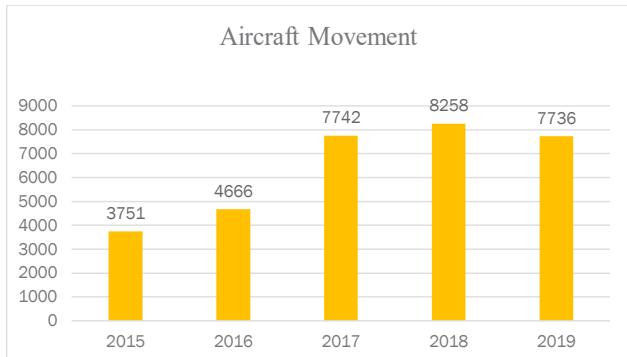


## HUB AIRPORTS

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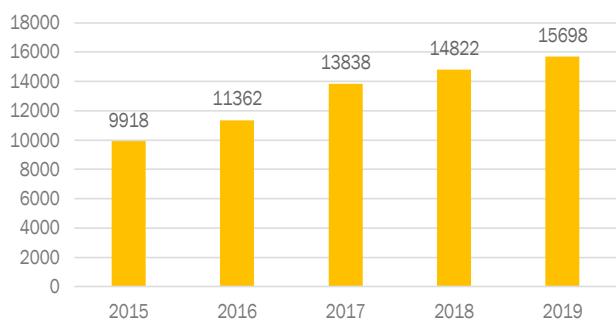


### GAUTAM BUDDHA



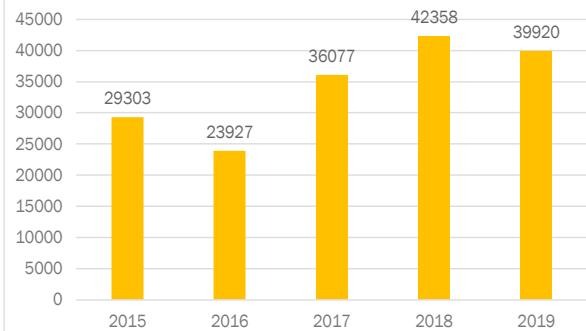
## NEPALGUNJ

Aircraft Movement

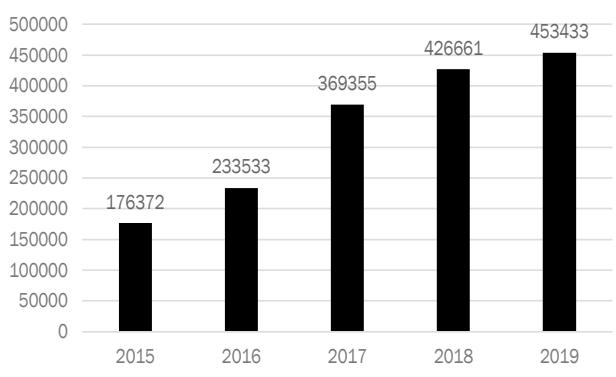


## POKHARA

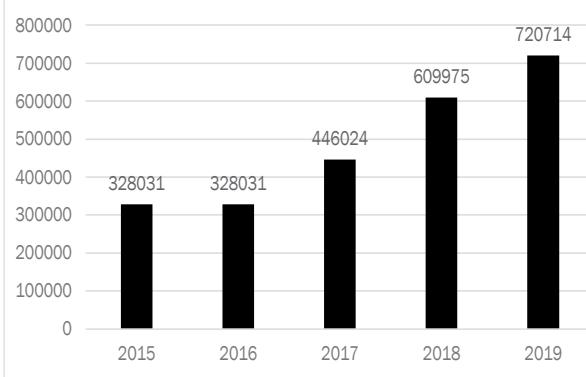
Aircraft Movement



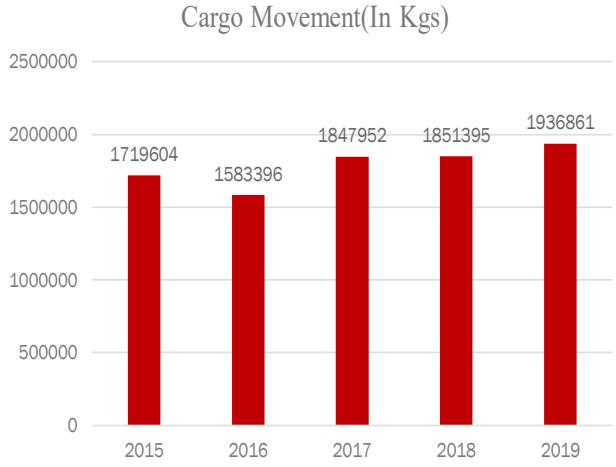
Passenger Movement



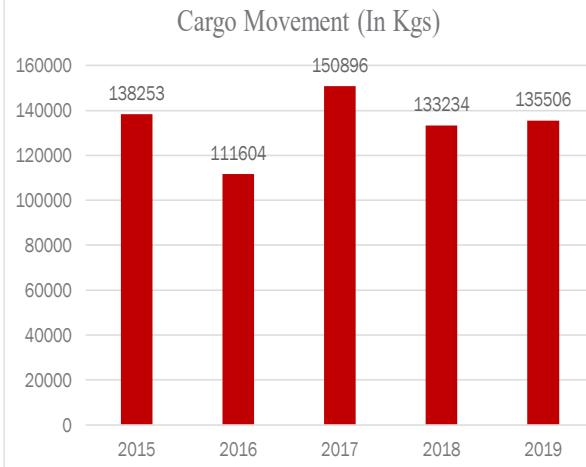
Passenger Movement



Cargo Movement (In Kgs)



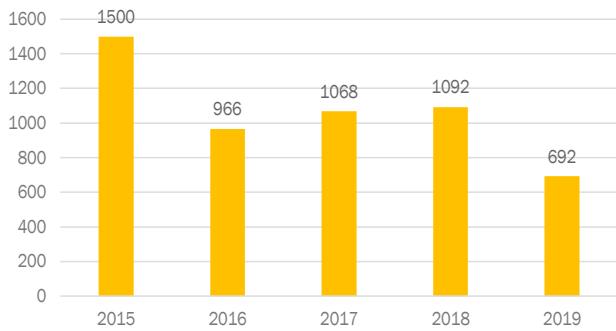
Cargo Movement (In Kgs)



## OTHER DOMESTIC AIRPORTS

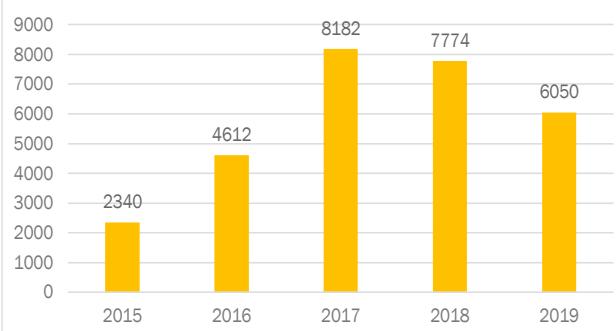
### BAJURA

Aircraft Movement

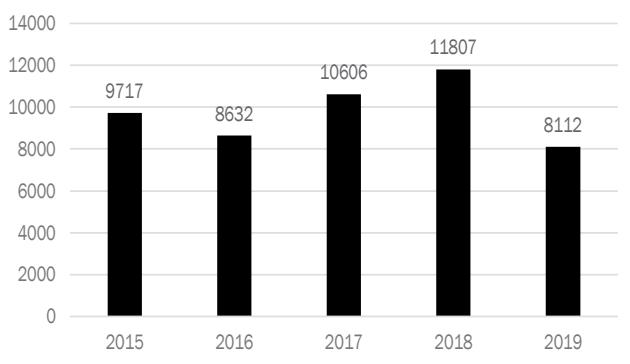


### BHARATPUR

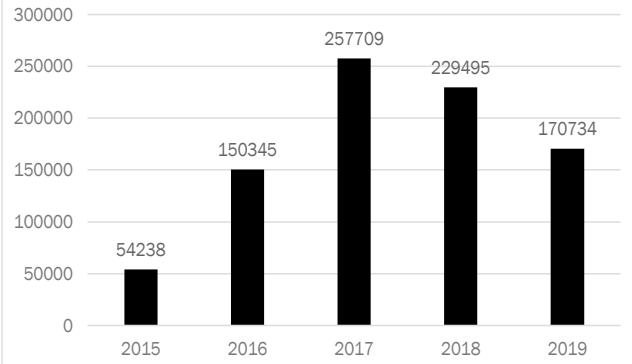
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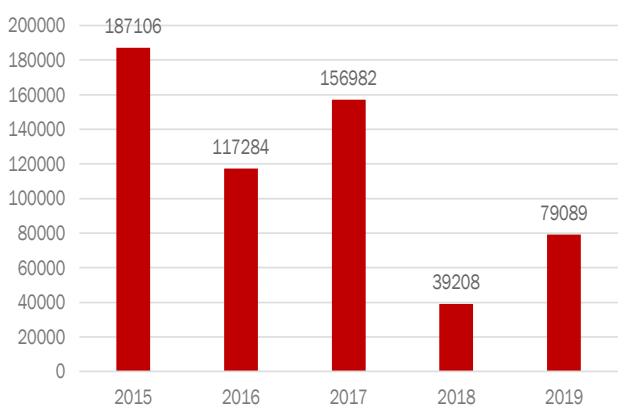
Passenger Movement



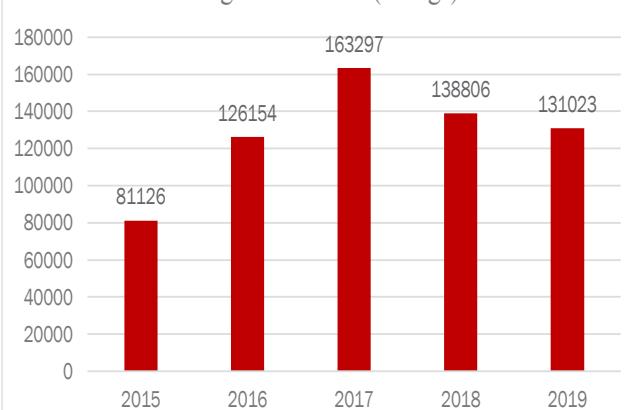
Passenger Movement



Cargo Movement (In Kgs)

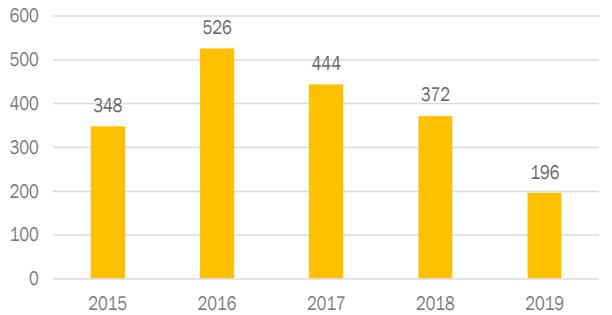


Cargo Movement (In Kgs)



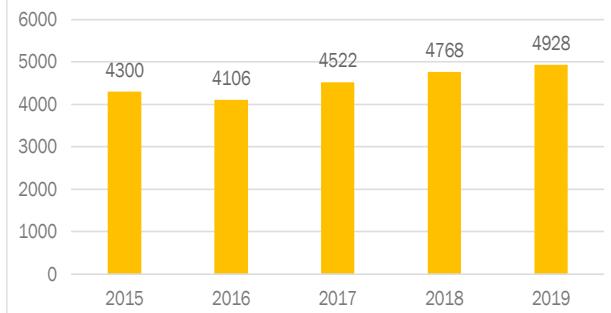
## BHOJPUR

Aircraft Movement

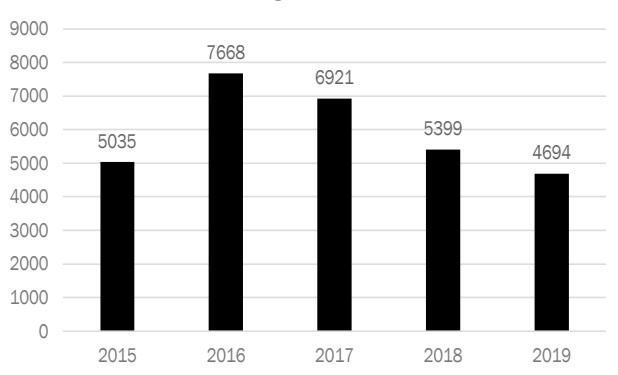


## CHANDRAGADHI

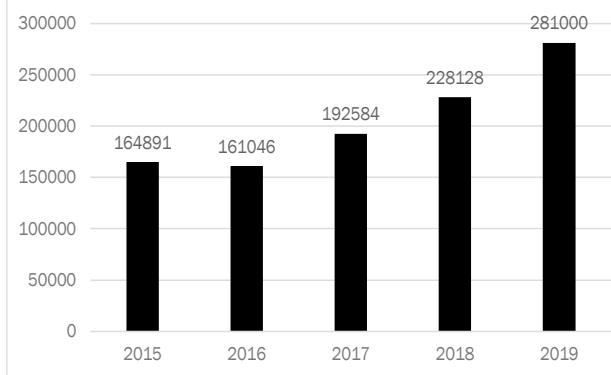
Aircraft Movement



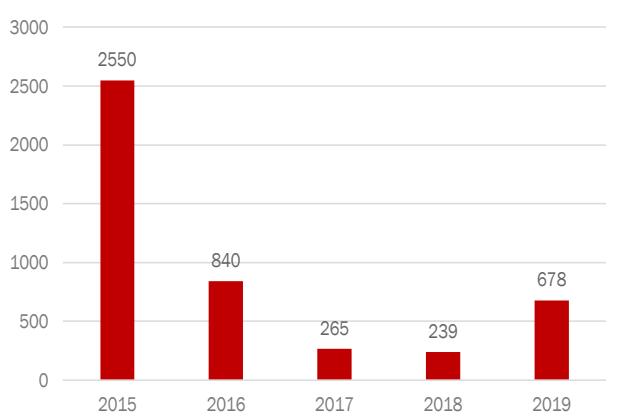
Passenger Movement



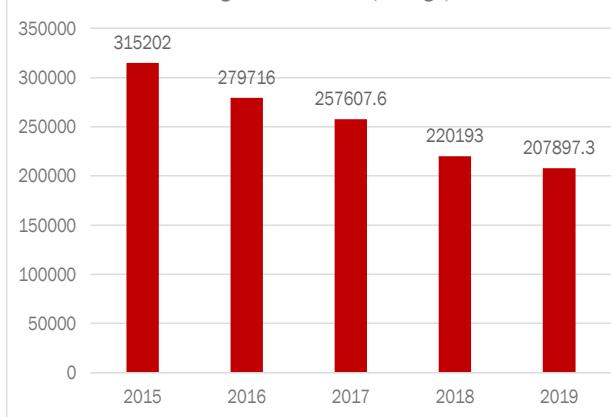
Passenger Movement



Cargo Movement (In Kgs)

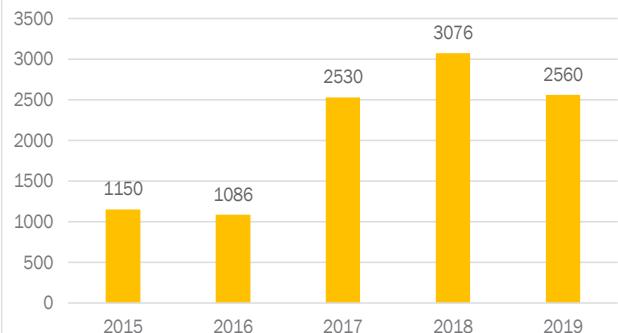


Cargo Movement (In Kgs)



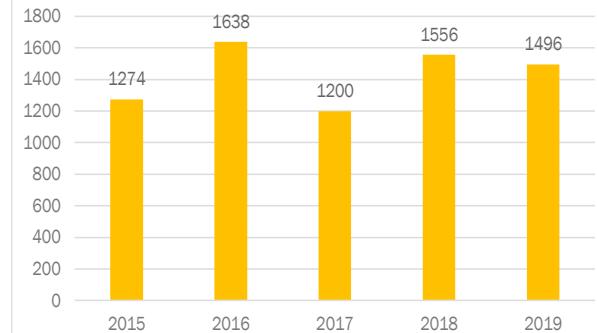
## DHANGADI

Aircraft Movement

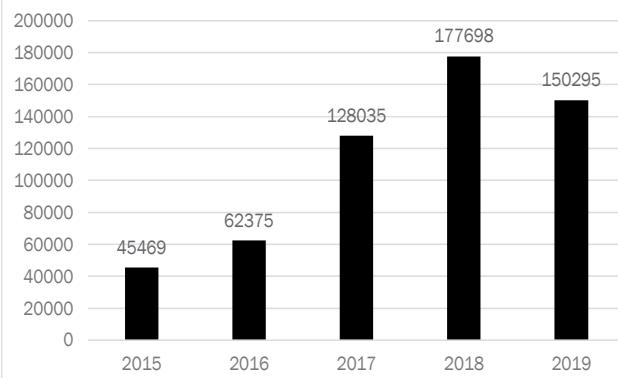


## DOLPA

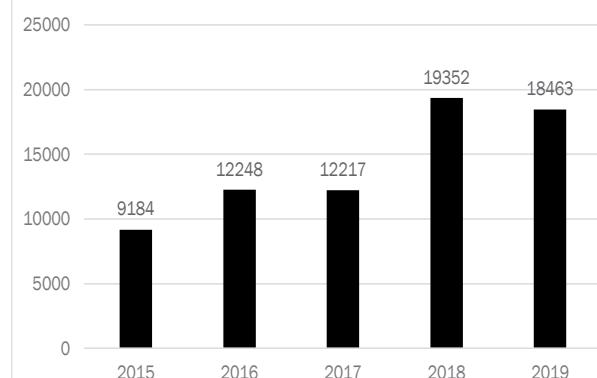
Aircraft Movement



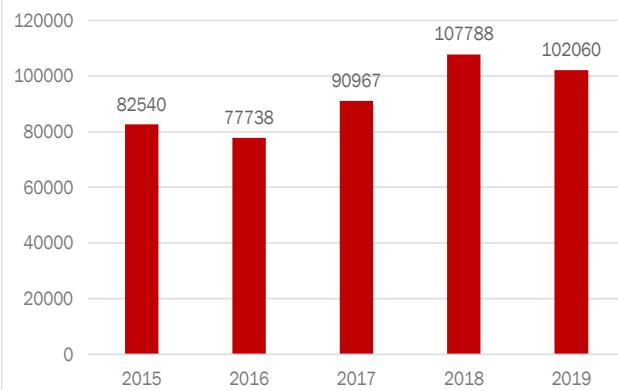
Passenger Movement



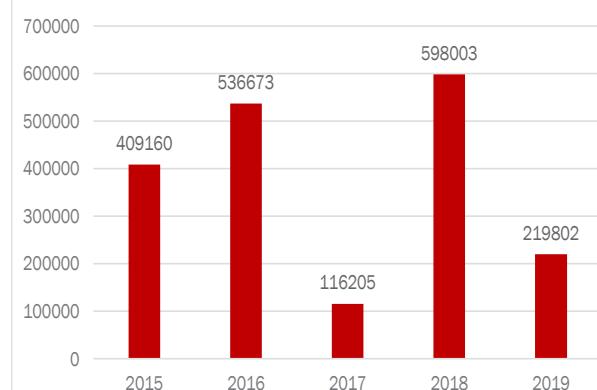
Passenger Movement



Cargo Movement (In Kgs)

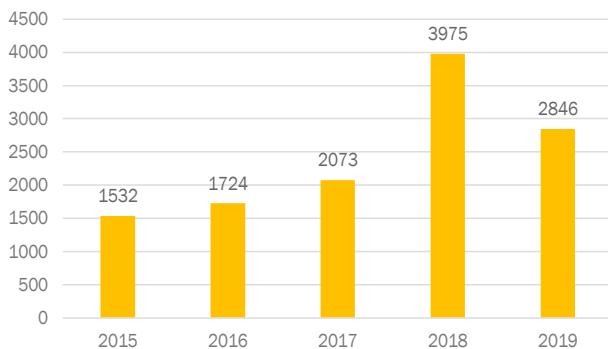


Cargo Movement (In Kgs)



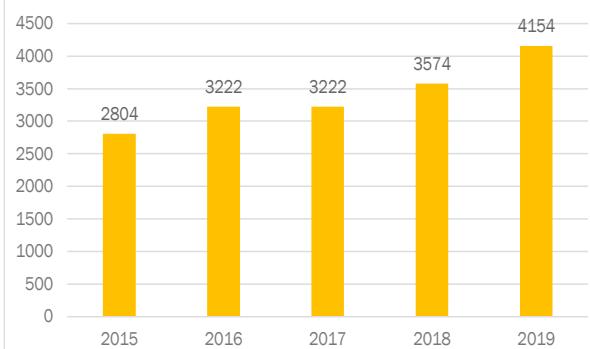
## JANAKPUR

Aircraft Movement

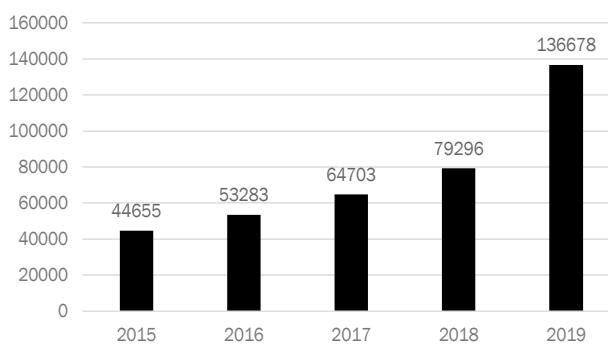


## JOMSOM

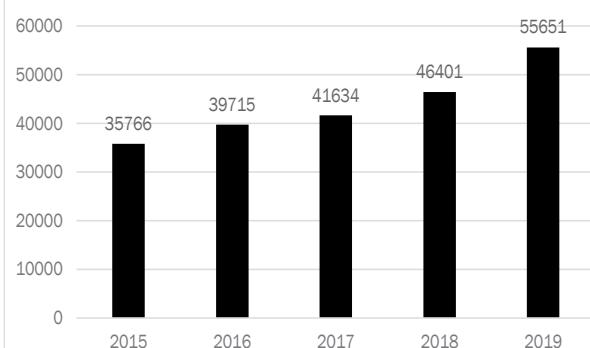
Aircraft Movement



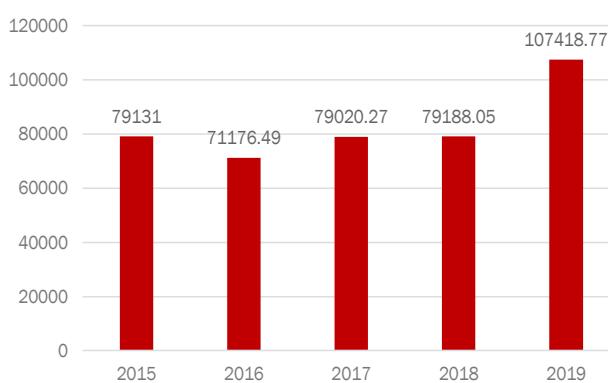
Passenger Movement



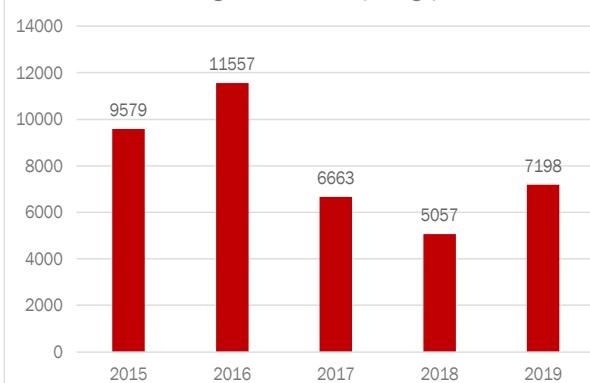
Passenger Movement



Cargo Movement (In Kgs)

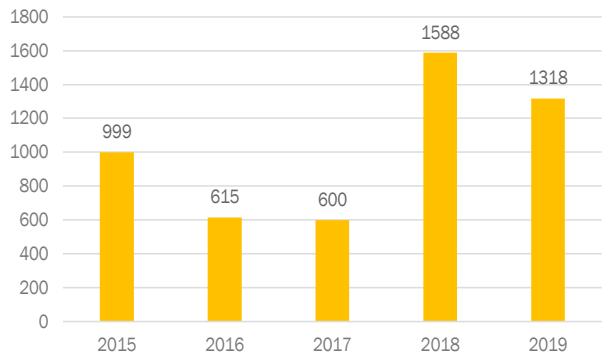


Cargo Movement (In Kgs)



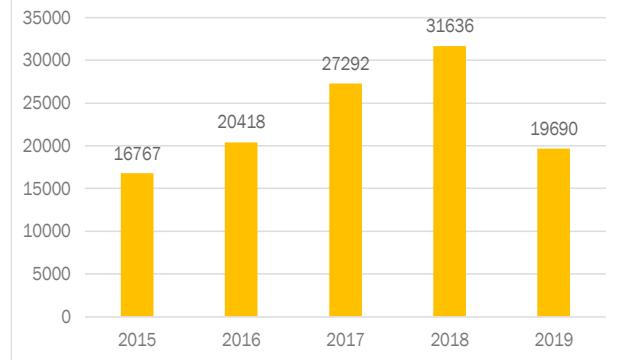
## JUMLA

Aircraft Movement

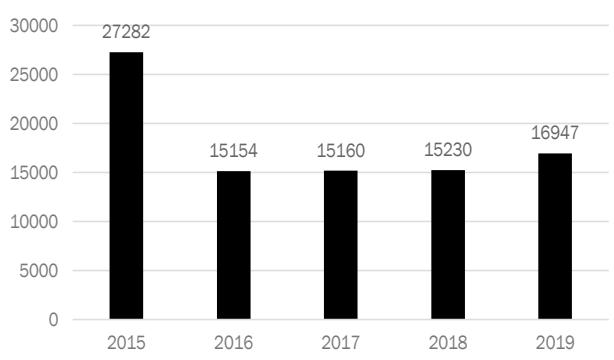


## TENZING HILLARY (LUKLA)

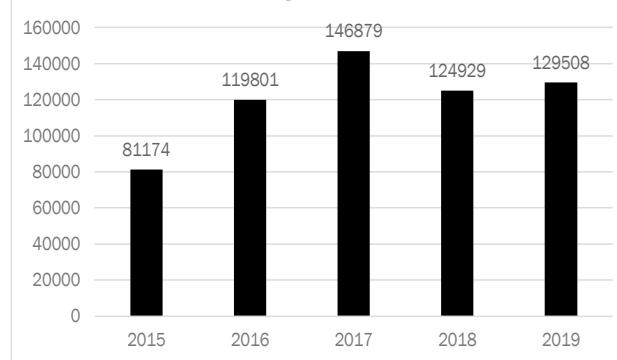
Aircraft Movement



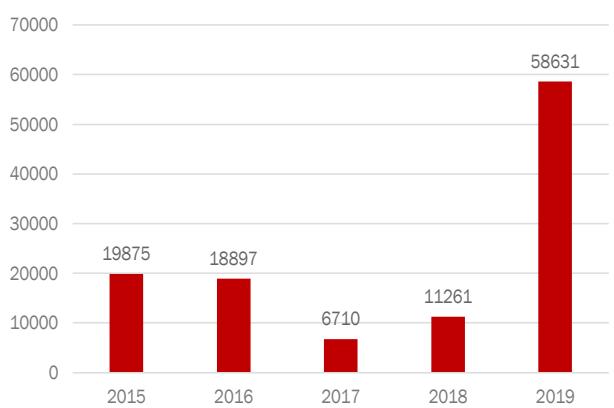
Passenger Movement



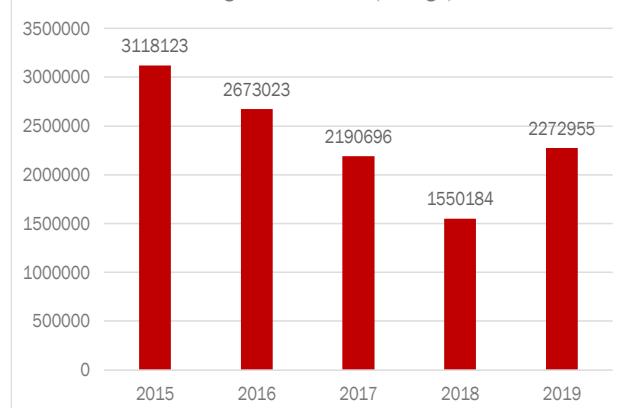
Passenger Movement



Cargo Movement (In Kgs)

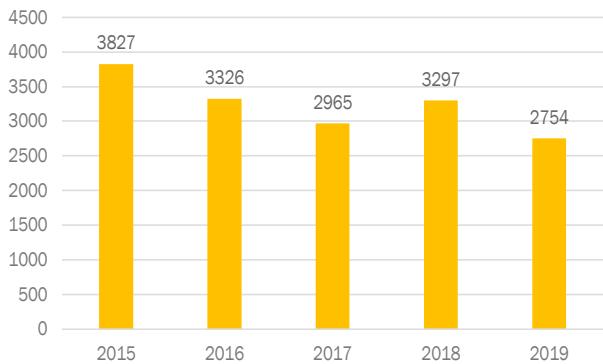


Cargo Movement (In Kgs)



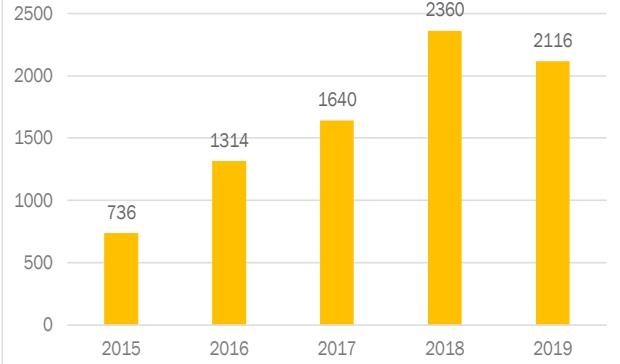
## PHAPLU

Aircraft Movement

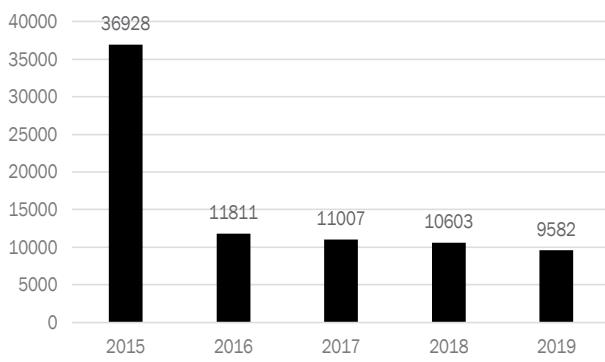


## RARA

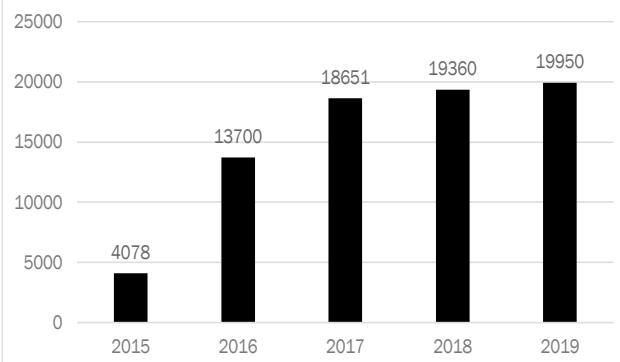
Aircraft Movement



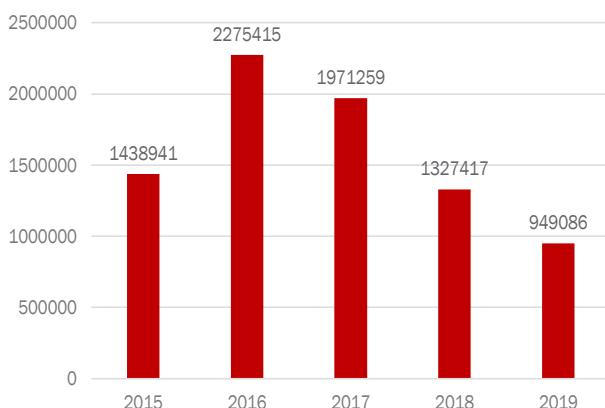
Passenger Movement



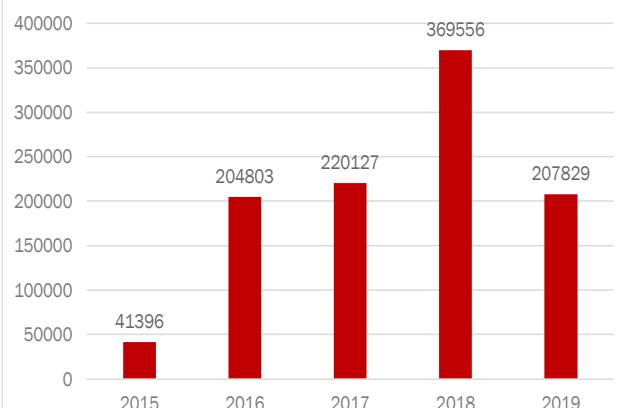
Passenger Movement



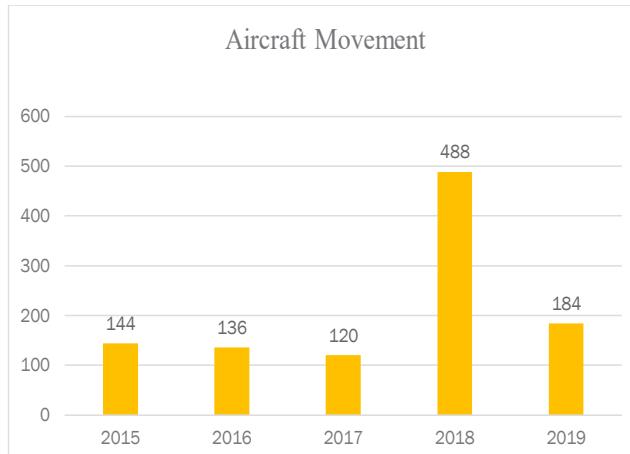
Cargo Movement (In Kgs)



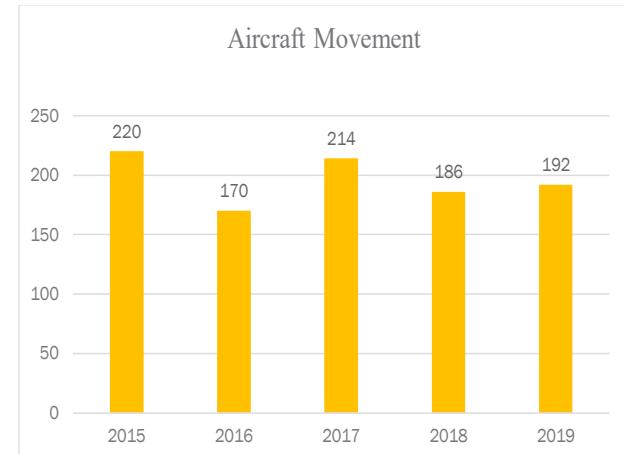
Cargo Movement (In Kgs)



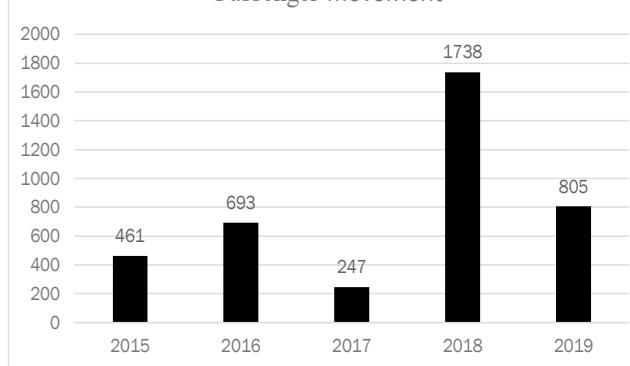
## RUMJATAR



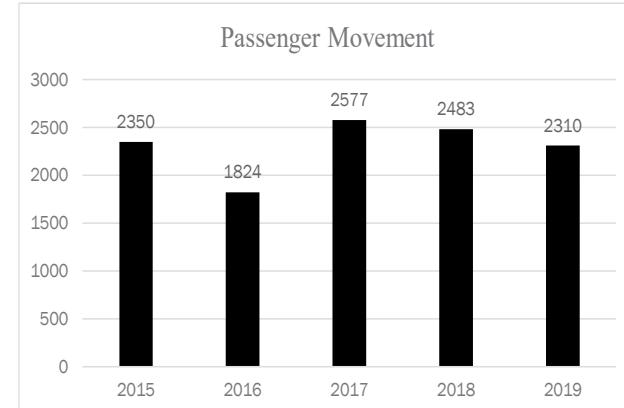
## SALLE



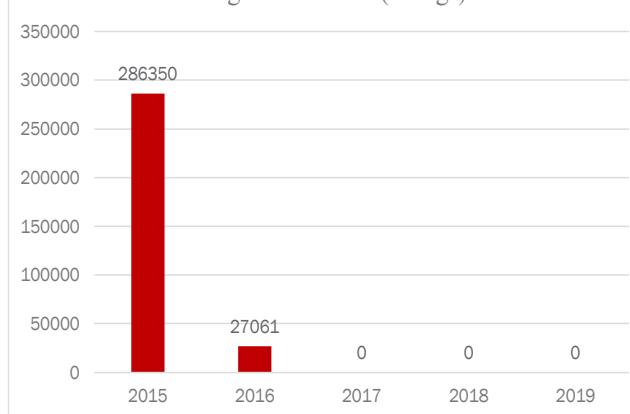
### Passenger Movement



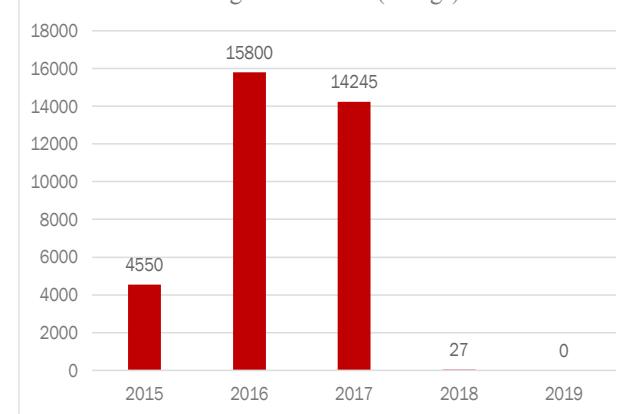
### Passenger Movement



### Cargo Movement (In Kgs)

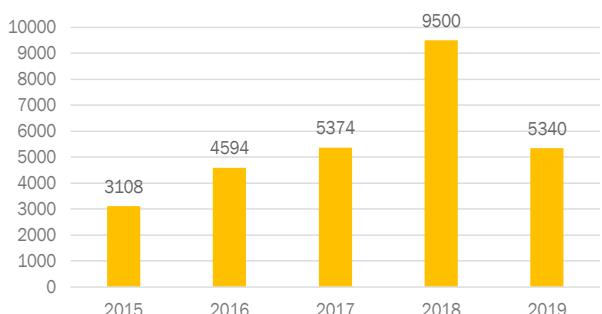


### Cargo Movement (In Kgs)



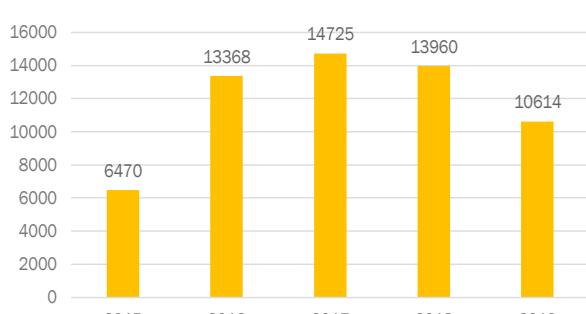
## SIMARA

Aircraft Movement

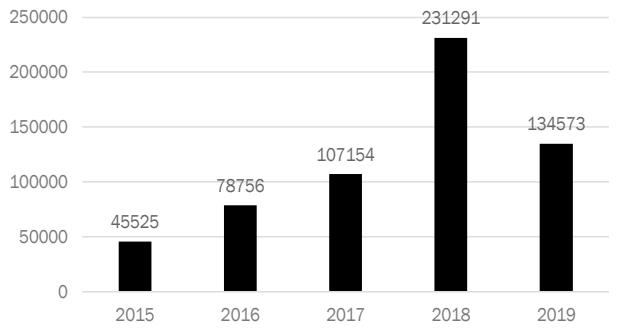


## SIMIKOT

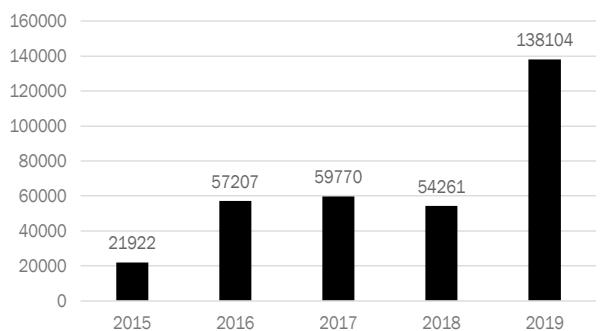
Aircraft Movement



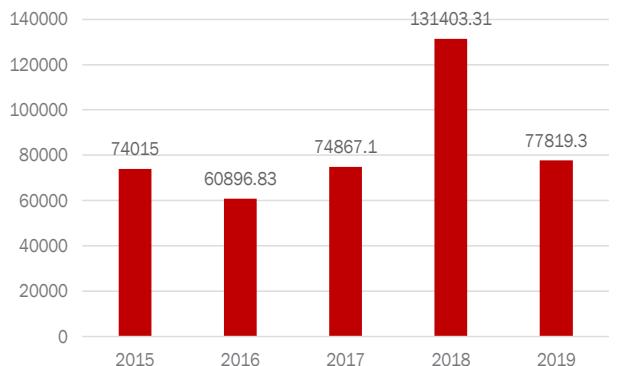
Passenger Movement



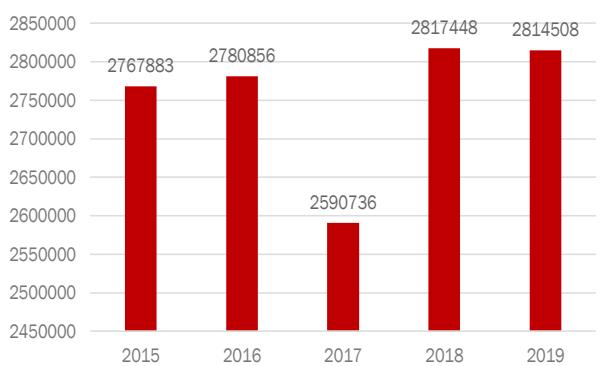
Passenger Movement



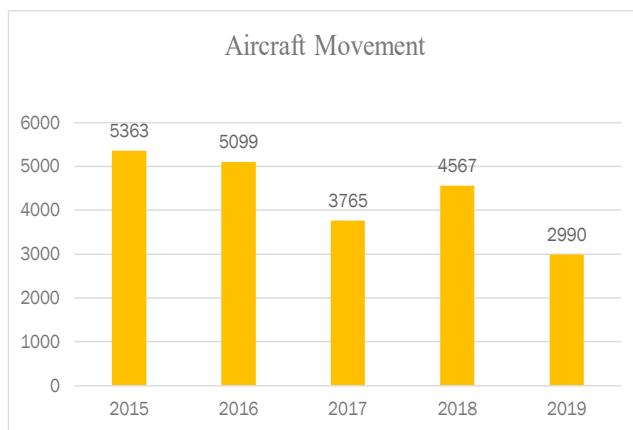
Cargo Movement (In Kgs)



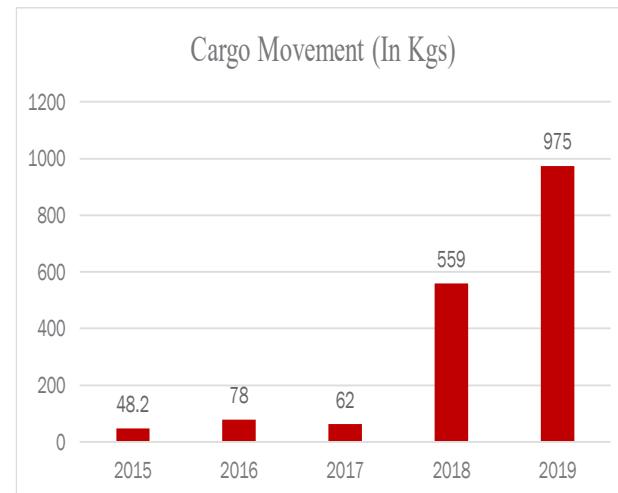
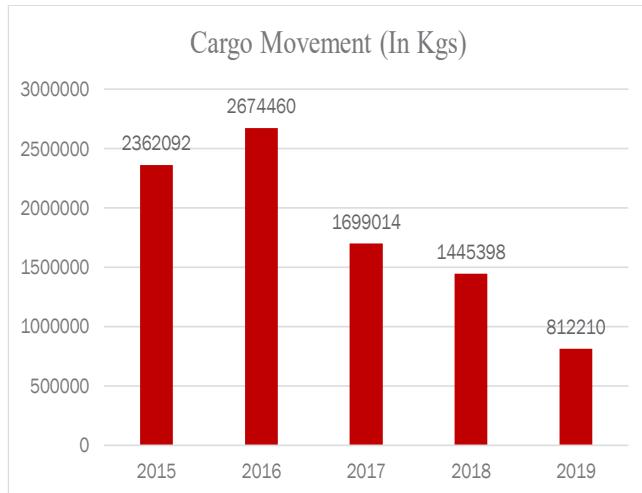
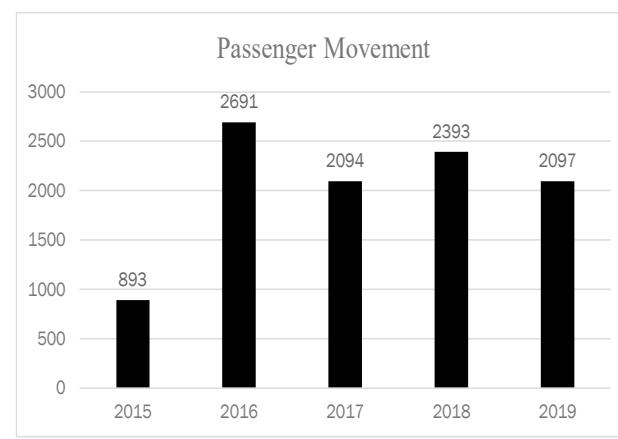
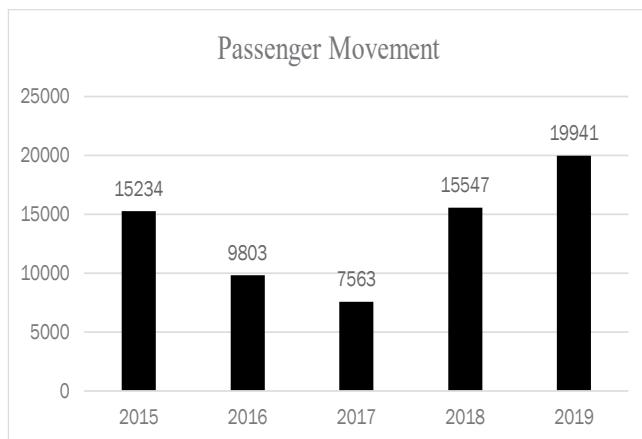
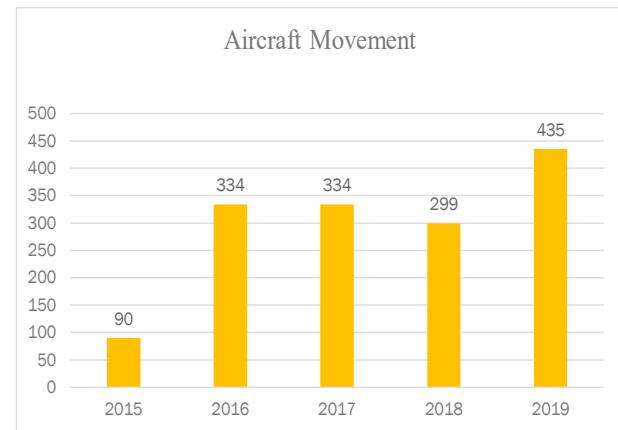
Cargo Movement (In Kgs)



## SURKHET

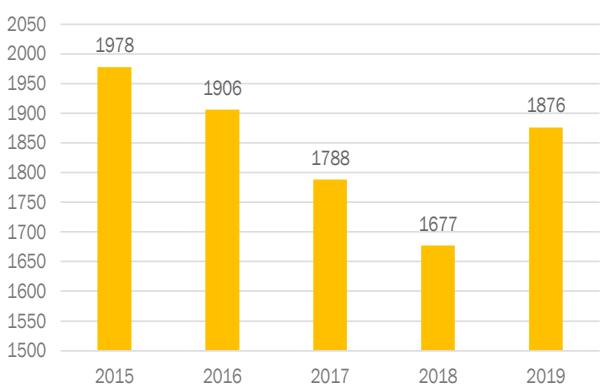


## TAPLEJUNG



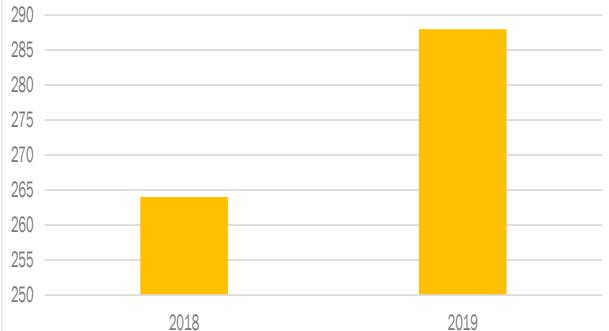
## TUMLINGTAR

Aircraft Movement

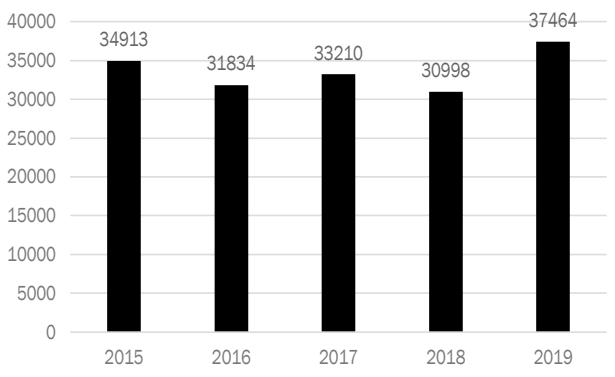


## RAJBIRAJ

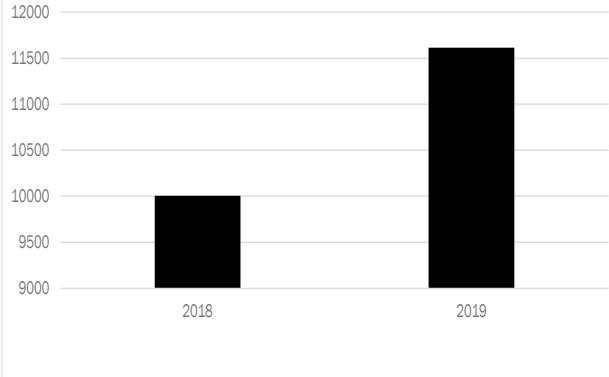
Aircraft Movement



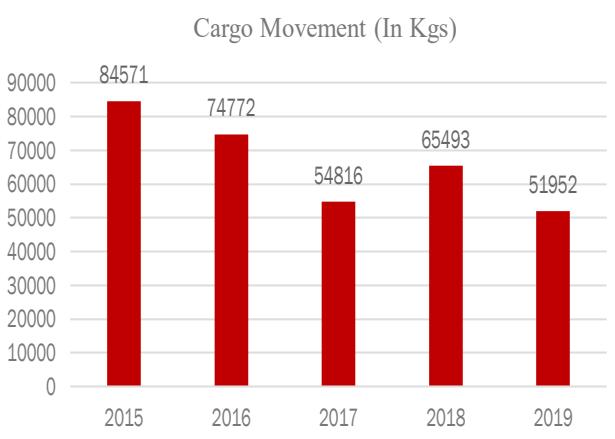
Passenger Movement



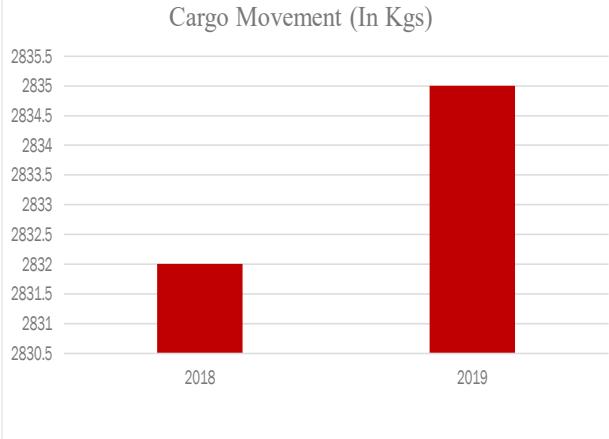
Passanger Movement



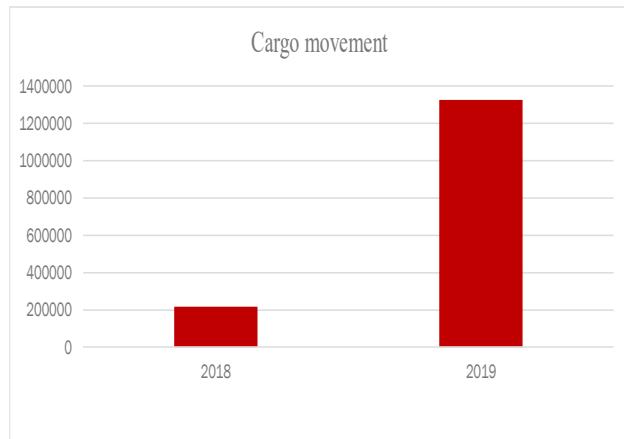
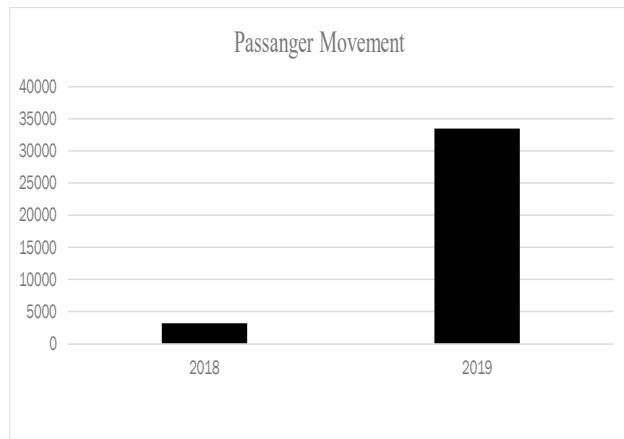
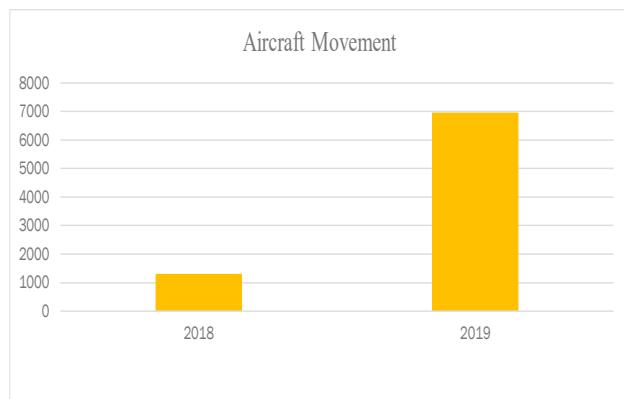
Cargo Movement (In Kgs)



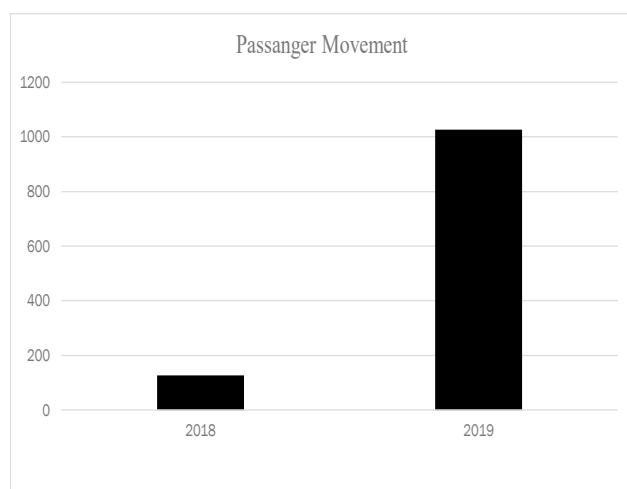
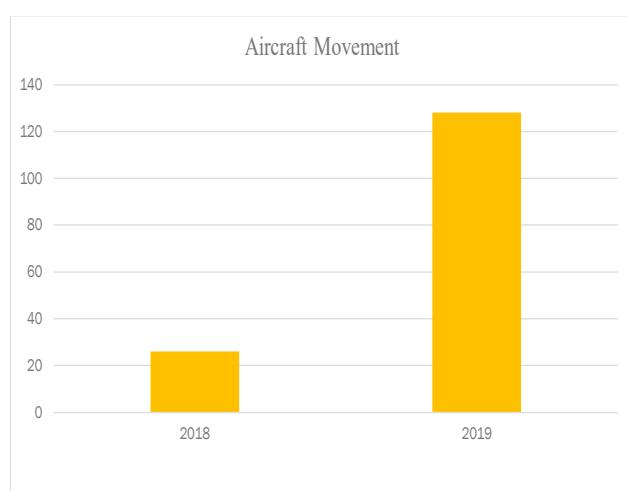
Cargo Movement (In Kgs)



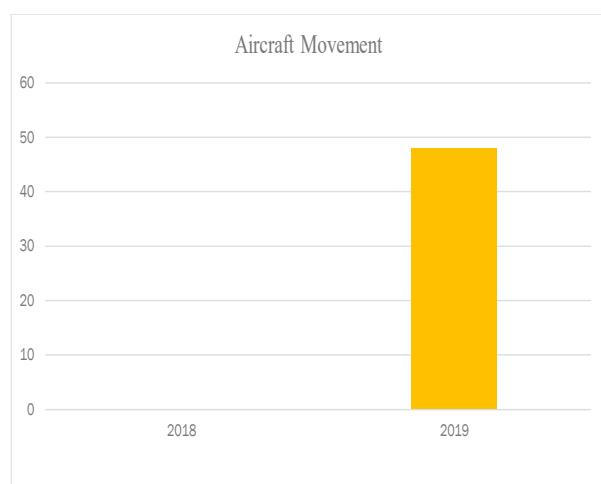
## RAMECHHAP



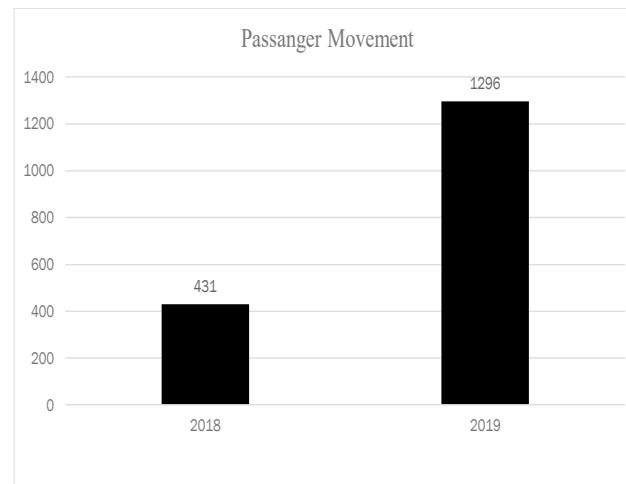
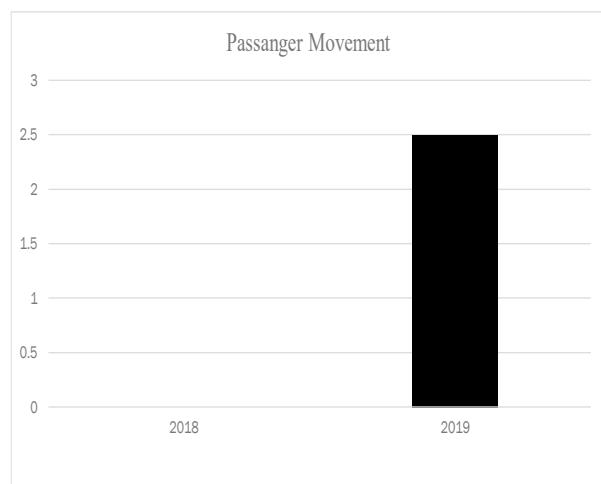
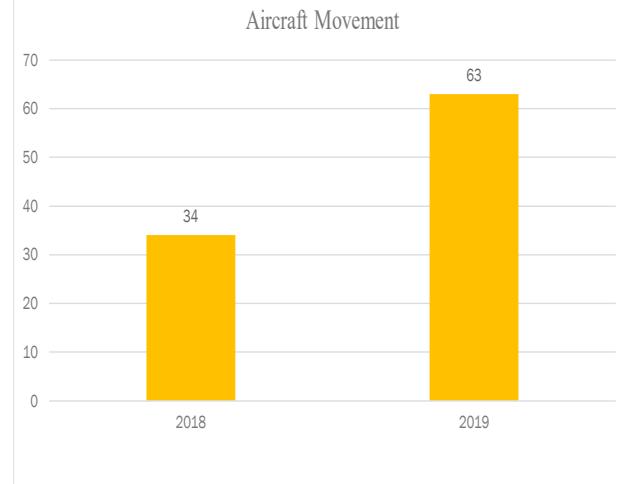
## CHAURJAHARI



## LAMIDANDA



## SANFEBAGAR



### FLIGHT MOVEMENT DATA 2020 (Till September)

S.N	Airports	A/C In	A/C Out	Total	Pax In	Pax Out	Total	Cargo In	Cargo Out	Total
1	Bajura	304	304	608	2388	2985	5340	201414	16579	217993
2	Bharatpur	776	776	1552	22689	22465	45154	26321	9129	35450
3	Bhojpur	64	64	128	745	696	1441	10	168	178
4	Chandragadi	625	624	1249	62013	35826	97839	24279.42	31555	55834.42
5	Chaurjahari	15	15	30	103	102	205	0	0	0
6	Dang	106	106	212	1045	1090	2135	0	0	0
7	Dhangadi	854	851	1705	48218	46249	94467	48130.32	29333.49	77463.81
8	Dolpa	310	310	620	2196	3067	4263	167486	33655	201141
9	Janakpur	474	475	949	28895	27411	56306	24156	6496	30652
10	Jomsom	154	154	308	1864	1585	3449	289	217	506
11	Jumla	288	288	576	2428	2193	4621	49784	138082	187866
12	Lamidanda	10	10	20	42	53	95	0	0	0
13	Phaplu	763	762	1525	2405	4198	6573	110774	386730	497504
14	Rajbiraj	63	63	126	4286	3002	7288	909.9	378.7	1288.6
15	Ramechhap	316	316	632	0	65	63	0	410176	410176
16	Rara	401	401	802	3641	3638	7279	32787	61948	94735
17	Rumjatar	21	21	42	121	135	256	0	0	0
18	Salle	33	33	66	354	344	698	0	0	0
19	Sanfebagar	20	20	40	172	209	381	0	0	0
20	Simara	611	611	1222	10185	16413	26598	11871.67	3268.5	15140.17
21	Simikot	2731	2731	5462	5638	3715	9353	3299908	293839	3593747
22	Surkhet	1858	1861	3719	4679	4539	9218	142657	1862456	2005113
23	Lukla	1927	1927	3854	7435	8236	15671	1014689	13682	1028371
24	Tumlingtar	199	198	397	3461	3258	6719	3756.72	2326.78	6083.5
25	Taplejung	70	68	138	405	426	831	0	30	30
26	Thamkharka	87	87	174	1196	1019	2215	2050	4071	6121
27	Khanidanda	2	2	4	19	5	24	0	0	0
S.N.	Hub Airports	A/C In	A/C Out	Total	Pax In	Pax Out	Total	Cargo In	Cargo Out	Total
1	Pokhara	3931	3935	7866	79926	79881	159807	28604	30295	30295
2	Biratnagar	1439	1438	2877	83664	78405	162069	85512.44	180054.08	265566.52
3	Nepalgunj	2992	3010	6002	58971	60805	119776	206626	1719023	1925649
4	Gautambuddha	985	985	1970	49147	46813	95960	49520.69	13250.42	62771.11
S.N.	TIA	A/C In	A/C Out	Total	Pax In	Pax Out	Total	Cargo In	Cargo Out	Total
1	International	4062	4072	8134	439312	487896	927208	2050796	3786355	5837151
2	Domestic	11469	11475	22944	392228	394812	787040	158929	643299	802228



# COVID-19

## Passenger

## ADVISORY

If you have fever and/or cough, you should stay at home regardless of your travel or contact history.

If you have returned from an area that is subject to travel restrictions due to covid 19, you should restrict your movement for 14 days.

### How to prevent



#### Wash

your hand well and often to avoid contamination



#### Cover

your mouth and nose with a tissue or sleeve when coughing or sneezing and discard used tissue



#### Avoid

touching eyes, nose, or mouth with unwashed hands



#### Stop

shaking hands or hugging when saying hello or greeting other peoples



#### Distance

yourself bat least 2 meter (6 feet) away from other people. Especially those might be unwell

### All people are advised to:

- Reduce social distance
- Keep distance of 2m between you and other people
- Do not shake hands or make close

### Symptoms

\* Fever (High Temperature) \* A cough \* Shortness of breath \* Breathing difficulties

### For daily updates visit

[www.canepal.gov.np/covid-19](http://www.canepal.gov.np/covid-19)

