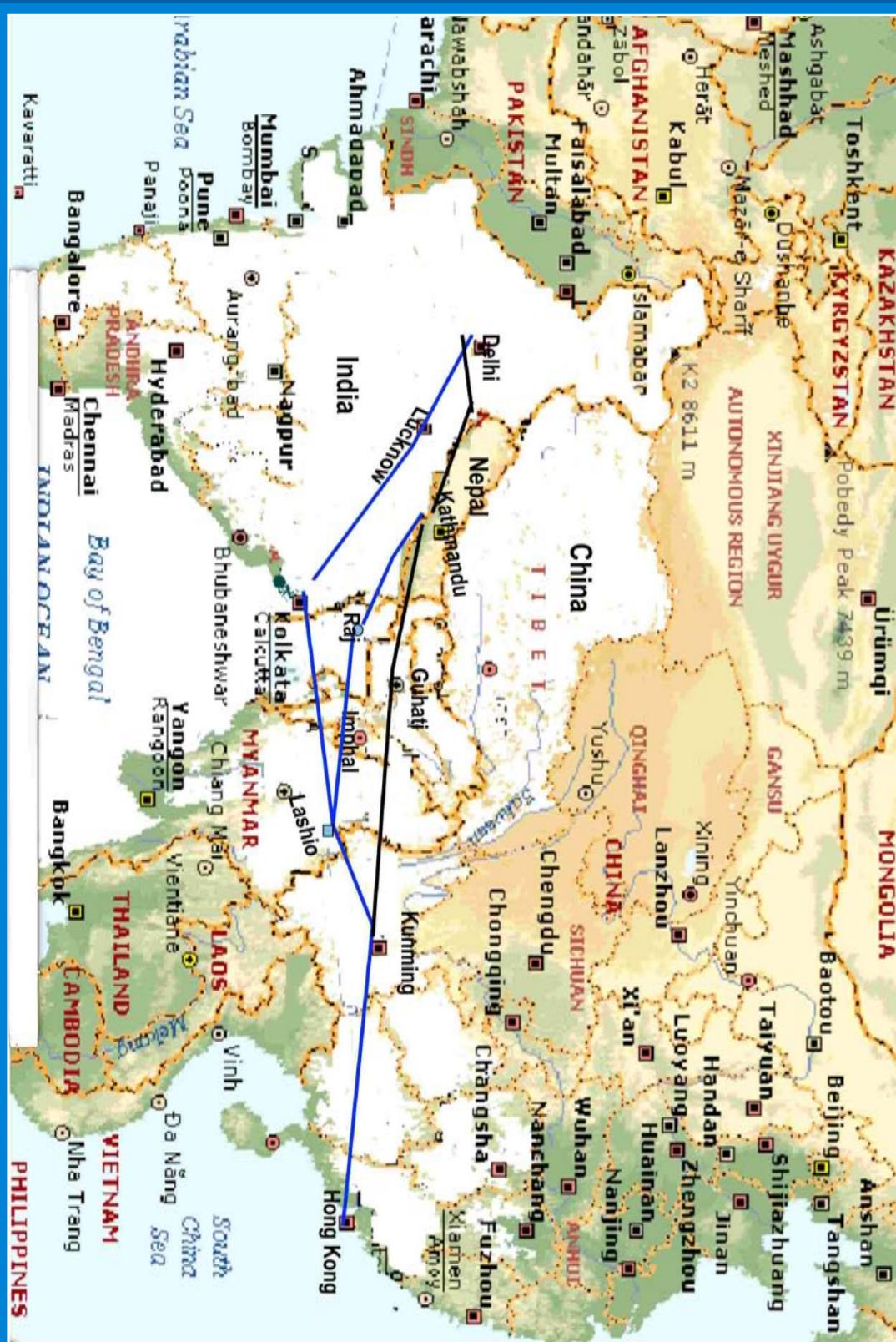


# CIVIL AVIATION REPORT 2014

CIVIL AVIATION REPORT 2014



## Civil Aviation Authority of Nepal

Head Office: Babarmahal, Kathmandu, Nepal

Tel: 4262387, 4262326, 4262518, Fax: 977-1-4262516, AFTN: VNKTAYAYX

E-mail: cnstm@mos.com.np, dgca@caanepal.org.np, misprpd@caanepal.org.np

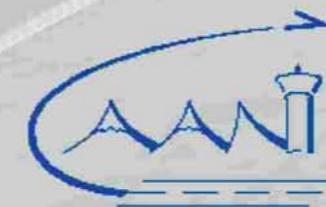
Website: www.caanepal.org.np

### Publication Committee:

Coordinator: Mr. Debendra K.C., Members: Mr. Raj Bahadur Maharjan, Mr. Ram Chandra Subedi, Ms. Rohina Bhattarai, Mr. Kashinath Poudel, Mr. Niraj Maharjan

**CIVIL AVIATION AUTHORITY OF NEPAL (CAAN)**

**Babarmahal, Kathmandu**





## CAAN : Institutional Profiles

Name:	Civil Aviation Authority of Nepal
Address:	Babarmahal, Kathmandu, Nepal Tel. 4262387, 4262326, 4262518 Fax:977-1-4262516
Type :	Authority
Date of Establishment:	31st December 1998
Legal Status:	• Civil Aviation Act, 2015 (1959 AD) - Statutory Regulations • Civil Aviation Authority Act, 2053 (1996) - Establishment
Main Functions:	<ul style="list-style-type: none"><li>• Permitting Airlines Operation</li><li>• Airworthiness Certification and Manpower Licensing/Rating</li><li>• Regulating Air Transport, Air Navigation Services (ATM/CNS), and Aerodromes as per ICAO SARPs.</li><li>• Constructing, operating and maintaining airports</li><li>• Equipping and maintaining airports with necessary communication and navigational facilities</li><li>• Operation of safe, efficient and expeditious flight .</li></ul>
Affiliation/Institutional Linkages:	Ministry of Culture, Tourism & Civil Aviation, Ministry of Information & Communication, Ministry of Home Affairs, Ministry of Finance, Ministry of Defence, ICAO, COSCAP-SA, Airlines, NTB, International Funding Agencies, Travelling Public.
Income Resources:	Landing, Parking, Housing, Over-flying and Route Navigation Charges, Security Charges, Charter Charges, Flight Catering Charges, Passenger Service Charges, Concessionaries; Parking of Surface Transport, Fee from Visitors Deck, Hoarding and Displays, Fuel Refueling Charges, Rental from airlines and other Agencies, Penalty Charges, Royalty and Others Deposits, Cargo Complex and Manpower Training, Regulatory fees, Ground Handling Charges and ADF etc.



## Aviation History in Brief

- 1949: The date heralded the formal beginning of aviation in Nepal with the landing of a 4 seated lone powered vintage beach-craft Bonanza aircraft of Indian ambassador Mr. Sarjit Singh Mahathia at Gauchar.
- 1950: The first Charter flight By Himalayan Aviation Dakota From Goucher to Kolkata.
- 1955: King Mahendra inaugurated Gauchar Airport and renamed it as Tribhuwan Airport.
- 1957: Grassy runway transformed into a concrete one.
- 1957: Department of civil Aviation Founded.
- 1958: Royal Nepal Airlines started scheduled service domestically and externally.
- 1959: RNAC fully owned by HMG/N as a public undertaking.
- 1960: Nepal Attained ICAO membership.
- 1964: Tribhuvan Airport renamed as Tribhuvan International Airport.
- 1967: The 3750 feet long runway extended to 6600 feet.
- 1967: Landing of the German Airlines Lufthansa Boeing 707.
- 1968: Thai International starts its scheduled jet air services.
- 1972: Nepalese jet aircraft Boeing 727/100 makes debut landing at TIA. ATC services taken over by Nepalese personnel from Indian Technicians.
- 1975: TIA runway extended to 10000 feet from the previous 6600 feet.
- 1975: CATC established.
- 1976: FIC (Flight information Center) established.
- 1977: Nepal imprinted in the World Aeronautical.
- 1989: Completion of international Terminal Building and first Concorde.
- 1990: New International terminal Building Of TIA inaugurated by king Birendra.
- 1992: Adoption of Liberal Aviation Policy and emergence of private sector in domestic air transport.
- 1993: National Civil Aviation Policy Promulgated.
- 1995: Domestic terminal Building of TIA and Apron expanded at TIA.
- 1998: COSCAP-SA project established.
- 2002: Expansion of the International Terminal Building at TIA and the construction of a new air cargo complex.
- 2003: Rara airport (Mugu), Kangeldanda airport (Solukhumbu) and Thamkharka airport (Khotand) brought in Operation.
- 2004: Domestic operation by jet aircraft commenced.
- 2005: International Flight by two private operator began.
- 2006: A new comprehensive Aviation Policy introduced. GMG Airlines of Bangladesh, Korean Air and Air Arabia started air service to Nepal.
- 2007: Identification of site location for a new second international airport.  
Etihad, Dragon Air , Orient Thai and Hong Kong Express commenced their service to Nepal.
- 2009: Established of RCAG station at Nepalganj to augment coverage of VHF communications in Air Traffic Control.
- 2010: An agreement of SDR 44388000 was signed between Nepal Government and CAAN for capacity Enhancement project of TIA under ADB loan.
- 2011: Tumlingtar and Simikot runways paved.
- 2012: RNP AR procedures of TIA effected from June. AMHS commissioned in civil Aviation  
CAA received TRAINAIR PLUS Associate Membership from ICAO.
- 2013: Installation of CNS & ATM Equipments at TIA are under Progress to enhance ATC Capacity.
- 2014: Installation of terminal Monopulse secondary surveillance Radar (T-MSSR) at TIA and enroute MSSR at Bhattedada ongoing under Japanese Grant AID.

## CAAN Board of Directors

Pursuant to CAAN Act-2053

### Composition



**Mr. Deepak Chandra Amatya**  
Chairman  
Hon'ble Minister,  
Ministry of Culture, Tourism and Civil Aviation

### Member



**Mr. Suresh Acharya**  
Joint Secretary  
Representative of Ministry of Culture  
Tourism and Civil Aviation



**Mr. Surya Acharya**  
Director General  
Custom Department  
Representative of Ministry of Finance



**Mr. Iswari Poudel**  
Nominee  
(From among the Private Entrepreneurs  
involved in Tourism industry)



**Er. Phurba Tshering Sherpa**  
Nominee  
(From among the Aviation Expert)



**Mr. Madan Kharel, MD, NAC**  
Nominee  
(From among the Airlines including  
Private Operators)



**Mr. Manoj Karki**  
Nominee  
(From among the Airlines including  
Private Operators)



**Er. Ratish Chandra Lal Suman**  
Member Secretary  
Director General, CAAN



## Director General's Review

### CIVIL AVIATION AUTHORITY OF NEPAL: A CURRENT OVERVIEW

#### Background

Civil Aviation Authority of Nepal (CAAN), established on 31st December 1998 pursuant to Civil Aviation Authority of Nepal Act 1996- with objectives of providing safe, reliable, regular and sustainable air transport in Nepal- has witnessed its sixteen years of existence amid several challenges and has evolved to its present state. As envisaged by the Act, the Authority has dual roles of service provider at one hand regulator at next. At both fronts, CAAN has been confronted with several challenges and most of them have been surmounted despite limited technical and financial constraints. CAAN's taking several initiatives at both areas to enhance its capability and performance to meet the set objectives. CAAN has envisaged four pillars viz. safety, security, capability and infrastructure for the overall achievement of its missions and vision.

#### A. Safety

Aviation safety has been, is and will always remain the top priority since there is nothing more important than safety of human life. As guided by the philosophy of International Aviation Organization (ICAO), safety is fundamental principle for us and most of standards and recommended practices (SARPs) prescribed by ICAO have been implemented. We are familiar that compliance based and performance based indicators are popular yardsticks in the measurement of any State's safety performance. Nepal's performance at these both areas are not quite impressive chiefly due to existing significant safety concern (SSC) after ICAO coordinated validation mission (ICVM) in 2013 resulting in below-global-average compliance of ICAO SARPs as well as unacceptable number of accidents and serious incidents in recent past. Nevertheless, past consistent efforts of CAAN has demonstrated lots of improvements in these both areas. I would like to take this opportunity to highlight the significant improvements.

CAAN has registered 55% of effective implementation of ICAO SARPs after the ICVM during 10-16 July 2013 while world average stands at 61% percent, leaving us behind mere 6% from global average. It is my pleasure to share at this moment that CAAN has completed vigorous activities to bring down the lack of effective implementation at or below the global average. We are confident that the current assessment of CAAN will result in better performance during off-site validation for protocol questions of critical elements of 1,2,3,4 and 5. However, for us the major issue is the resolution of SSC issued by ICAO in the area of air operator certification.

CAAN firmly believes that the number of accidents and serious incidents can be reduced by the process of hazard identification and risk analysis so that the associated risk can be reduced and potential accidents and serious incidents can be prevented. For this, air operators have developed their own hazard lists and risk mitigation means are undertaken. Since the operating environment is same, the hazards have been shared by the operators as well. Similarly, CAAN has developed a national hazard register by collecting data from all stakeholders including but not limited to air operators,



Er. Ratish Chandra Lal Suman  
Director General, CAAN

maintenance organization, aerodromes, aviation professionals and travelling public.

#### B. Security

Aviation security is one of the top priority areas for CAAN since the safety of aircraft and occupant is ensured with security at ground. CAAN has regularly participated in international security panels and forums so as to keep pace with the newer technology being adopted in the aviation security. CAAN officials have participated in the Asia Pacific Forum of Aviation Security and the resolution of the meeting will be implemented in our workplace with sole objective of enhancing our aviation security standards. The global security challenges are common challenges for us as well and such exposure to global forums are useful since they provide opportunities for us to learn from experience sharing.

Senior level officers of Nepal Police have been trained at Nepal Police training center with the help of instructors from CAAN while junior level officers are trained at Civil Aviation Academy. CAAN is training the local security staffs at various airports so as to ensure that the airports are staffed with adequately trained security personnel at local level. However, the frequent transfers of Nepal Police security personnel trained in the aviation security demands more such training at local airports.

In order to strengthen the aviation security, National Aviation Security committee was recently convened to assess the perceived threat and necessary security measures were adopted. Similarly, the airport security committees were activated to ensure the security at the local level. CAAN has developed the draft of Airport Emergency Plan for the effective and efficient handling of emergencies at airport with better coordination with various government agencies including CAAN and security bodies. The Aviation Security Quality Control Manual is also in the draft phase. It is believed that the quality control manual will help in maintaining the quality control in the aviation security.

In order to facilitate the ever growing traveling public to and from Tribhuvan International Airport (TIA), additional X-Ray machine and walk through metal detector will be deployed in near future. The secondary screening has been started at TIA for additional security net. Cargo security machine is planned to be installed soon as the process has already been initiated for the same.

CAAN has installed major hub airports with automatic security equipment. The manual frisking of body and baggage searching, owing to lack of hi-tech security equipment, is quite cumbersome and unpleasant to most of the passengers. However, this situation cannot be overcome in immediate future as CAAN is not in a position to install such expensive gadgets at each airport.

#### C. Capability

Primary aviation legislation- Civil Aviation Regulation 2002 has witnessed two amendments in 2013, one after ICVM and next after ICVM, to address the deficiencies in aviation legislation. The aviation legislation is the area where the effective implementation of ICAO provisions is the highest among the audit areas of Nepalese Civil Aviation System. The formulation of Accident Investigation Regulations to meet the obligations of ICAO Annex 13 is one of major achievements in this regard.

Specific operating regulation- The relevant Civil Aviation Requirements have been amended to keep pace with the pertinent amendments in ICAO standards and recommended practices (SARPs). This is an ongoing process and a system has been in place to formulate new



requirement, file difference, comment on proposed amendment in ICAO SARPs and amend the existing requirements to continuously align Nepalese requirements with ICAO SARPs. Development of 'Civil Aviation Requirements 19' on safety management to align with ICAO Annex 19 is one of major achievements in this direction. Apart from the regular requirements, CAAN issues orders, directives, notices, circulars to address the specific issues.

**Organization-** Civil Aviation Authority of Nepal has been established to effectively discharge the safety oversight functions and such safety oversight activities have been carried out to meet the safety objectives. The safety oversight structure of CAAN has been guided and conforms to the guidance given by ICAO Doc 9734. The human resource has been put at the focus and many vacant positions are in process of fulfillment through regular recruitment plan.

**Human resources training-** The required qualification for the CAAN personnel has been spelled out in the respective manuals for various trades of manpower working with Civil Aviation Authority of Nepal. Civil Aviation Authority has developed the 'human resources policy' and 'HR training program for 2014-2018', where the training policy and program for the regulatory staff has been set forth. To meet the program, CAAN has already completed the basic inspector training for all inspectors locally at Nepal Administrative Staff College with help of international experts for the relevant subject matter. Airbus provided a flight operations expert and INECO made available the subject matter experts for the ANS/CNS experts to complete the inspector training while the airworthiness expert from DGAC France with support from Airbus is expected in near future. CAAN has conducted the cabin safety inspector course by CAA Singapore expert, training CAAN officials and industry experts. Altogether 32 CAAN officials have been trained as inspectors of various areas. CAAN will meet the training policy and plan in coming days too so that the inspectors are current all times in their knowledge and skills.

CAAN has recruited the experienced and qualified flight operations inspectors for various expertise like jet airplane, turbo propeller airplane and helicopter and has trained them as flight operations inspector with necessary trainings including the on the job training. In order to retain such experts CAAN is proposing to amend the current regulation to hold them in contract service for five years instead of current one year term.

**HR training policy and program** has been developed for the service provider staffs of CAAN. The Civil Aviation Academy has remained the busiest, ever since it was established, with series of trainings for the basic ATS trainees, rescue and firefighting trainees, refresher training etc. Many batches of basic ATS trainees have been produced and are put in on the job training for the licensing purposes. Similarly, the refresher training, indoctrination training for the regular CAAN staffs have been completed while special on demand trainings for the aviation industry have also been carried out.

The Human Resource Development Department has executed the policy and plan for the human resources management that witnessed a sizable number of CAAN staffs being trained. The available data suggest that 378 CAAN personnel participated at various trainings, workshops, seminar locally while some 351 personnel availed such opportunities at international level.

**Resources-** Dedicated, trained human resource is undoubtedly the most desired resources for any organization including the sound financial resources. The major financial resources of CAAN comprise of aeronautical and non-aeronautical resources of which aeronautical revenue far outweigh the non-aeronautical revenue in our context. CAAN has taken initiatives to bridge the gap between these two diverse types of revenues and construction of shopping complexes at Biratnagar, Bharatpur and Pokhara are some examples in this context. With the generation of revenue from these business complexes, it was expected

that the gap between the two revenues would be narrow, however with a provision of airport development fee at TIA has generated enough aeronautical revenue to keep the gap still wide open. CAAN believes that the generation of non-aeronautical revenue will alleviate the burden on the air operators resulting in cheap air travel from and within Nepal.

**Authority-** Civil Aviation Authority is the competent authority for the safety oversight functions to meet the Nepal's obligations towards the articles and standards and recommended practices of International Civil Aviation Organization. The regulatory obligations of Nepal have been discharged by the CAAN. Government of Nepal has further delegated the authority of detention of aircraft which was not clearly spelled out in the prevailing regulations. The authority has been further delegated to the inspector level empowering the safety oversight inspectors.

**Enforcements-** CAAN has developed processes and procedures to resolve identified deficiencies impacting aviation safety. The Safety Oversight Facilitated Integrated Application (SOFIA) software which is in the process of implementation at CAAN will be useful tool in the timely resolution of safety concerns. Additionally, the aviation enforcement manual has set procedure for the enforcement action in case breach of regulation. CAAN has seen significant rise in the enforcement actions taken against the offenders, including the organizations. The current trend suggests that the aviation personnel are much aware and routine violations of regulation like edut under influence of alcohol has seen sharp decline nowadays.

#### D. Infrastructure

##### Airports

CAAN has taken several initiatives in the development of infrastructure. TIA capacity development project is one of the major projects under execution where the progress is satisfactory. With the completion of this project the current congestion of parking bay will be relieved and additional runway end safety area (RESA) at both ends of the current runway will contribute to the runway safety. Expansion of international terminal building will help in the handling of growing passengers. Construction of new domestic terminal building at TIA domestic terminal will facilitate the smooth movement of passengers.

The construction of Gautam Buddha Regional airport at Bhairahawa has gained momentum as the contractor has been selected and the preparatory works are underway. The current pressure of Kathmandu airport will be handled by the Gautam Buddha airport once it comes into operation. Additionally, the current flight diversion to Indian airport will be solved once this airport comes into operation. Since this airport will be equipped with the precision approach like ILS, the current problem of Kathmandu airport will be relieved as the operating minima will be lower than the TIA.

The loan agreement for the Pokhara regional airport has been completed and execution of the project will be completed in stipulated timeframe. Pokhara regional airport is one of alternative for the TIA Kathmandu for some extent which may absorb some burden of TIA. The contract for this airport is already signed and the ground work will start in near future paving the way for the earlier operation of airport. Commercial complex building of Pokhara airport is at final stage of completion.

Additionally, the land acquisition of Second International Airport at Bara has been started. This airport will be a driving engine for the Nepalese economy as the significant air traffic movement by 2030 cannot be handled by TIA if current traffic growth sustains.



## CIVIL AVIATION REPORT 2014

In domestic front, many runways have been blacktopped, runways extended and new terminal buildings have been built. Runways of Rukum Salle airport, Dang airport, Runjatar airport, Bajura airport and Phaplu airport have been blacktopped. Some of runways are in the process of black topping viz. Taplejung airport, Bhojpur airport, Ramechhap airport, Manmaya Rai Khanidanda airport, Chaurjahari airport (Rukum), Juphal airport(Dolpa), Rara airport (Mugu). Runway of Phalugunananda airport in Ilam is ready and is ready for the flight testing.

Dhangadhi airport saw major development with construction of modern terminal building to handle additional passengers and runways too has been extended. There are many such projects underway for the development of airports and runways. The construction of Janakpur airport terminal building is in final phase. Similarly, the Saragarmatha airport proposed at Udaypur is under environment impact assessment stage after getting an approval from the Ministry of Culture, Tourism and Civil Aviation. The preliminary feasibility studies of new proposed airports at Chalnetar Pyuthan, Rampur Palpa and Gudel Solukhumbu have been completed. Additionally, the construction of proposed new service provider organization, AANSON building at Kathmandu is ready.

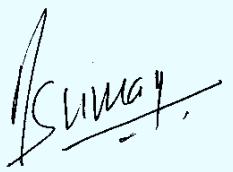
### Communication, navigation and surveillance

Under the capacity development project of TIA, new communication system has been installed at TIA and the communication system will be at par with the international standards. MSSR RADAR at Bhattedada and TIA will increase the surveillance capability and will assist in the aviation safety.

The design and implementation of RNP-AR approach at Kathmandu is significant development in TIA Kathmandu approval where the visibility requirement is significantly lower than the current VOR/DME approach. Recently CAAN has revised this RNP-AR procedure to incorporate the service difficulties reported by the users. Currently Qatar Airways, Korean Air and Silk Air have started RNP-AR approach while Malaysian Air, Fly Dubai, Druk Air and Turkish Air have already obtained the authorization from CAAN enabling them to operate RNP-AR approach at TIA. Etihad Airways has recently applied for RNP-AR authorization and it is expected that more international air operator will operate RNP-AR approach.

### Corporate Social Responsibility

Corporate Social Responsibility is one of the major obligations of CAAN towards the nation and citizens. Apart from its regular service provider functions, CAAN cannot stay aloof from its responsibility towards the far flung areas where the air transport is the only means of transport and life line for public. Keeping this responsibility in mind, CAAN has constructed, manned and operated the airports in remote areas where the operational cost far outweighs the revenue generated by these airports, leave alone construction costs. CAAN commits that it will remain with the needy public and more airports are in survey phases, even if such airports are not financially viable.

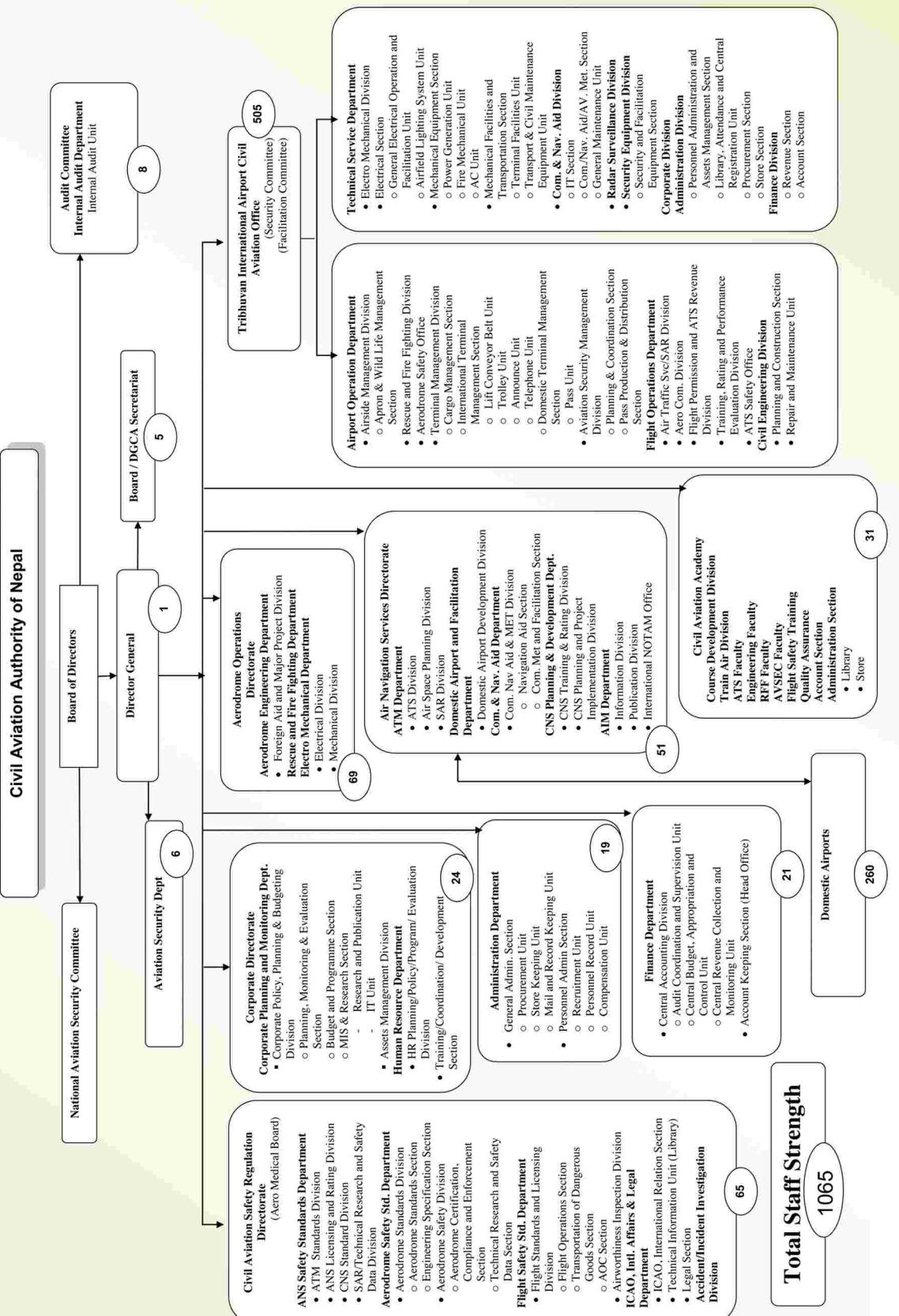
  
Er. Ratish Chandra Lal Suman  
Director General, CAAN



Civil Aviation Authority of Nepal, Head Office

2014/12/25

## Organizational Structure



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- Achievements by AIM Department on 2014
- Major Activities of CAAN
- Air Navigation Services Communication and Navigation Aid
- Status on Air Transport Capacity Enhancement Project
- Training / Workshop / Seminar

### Finance

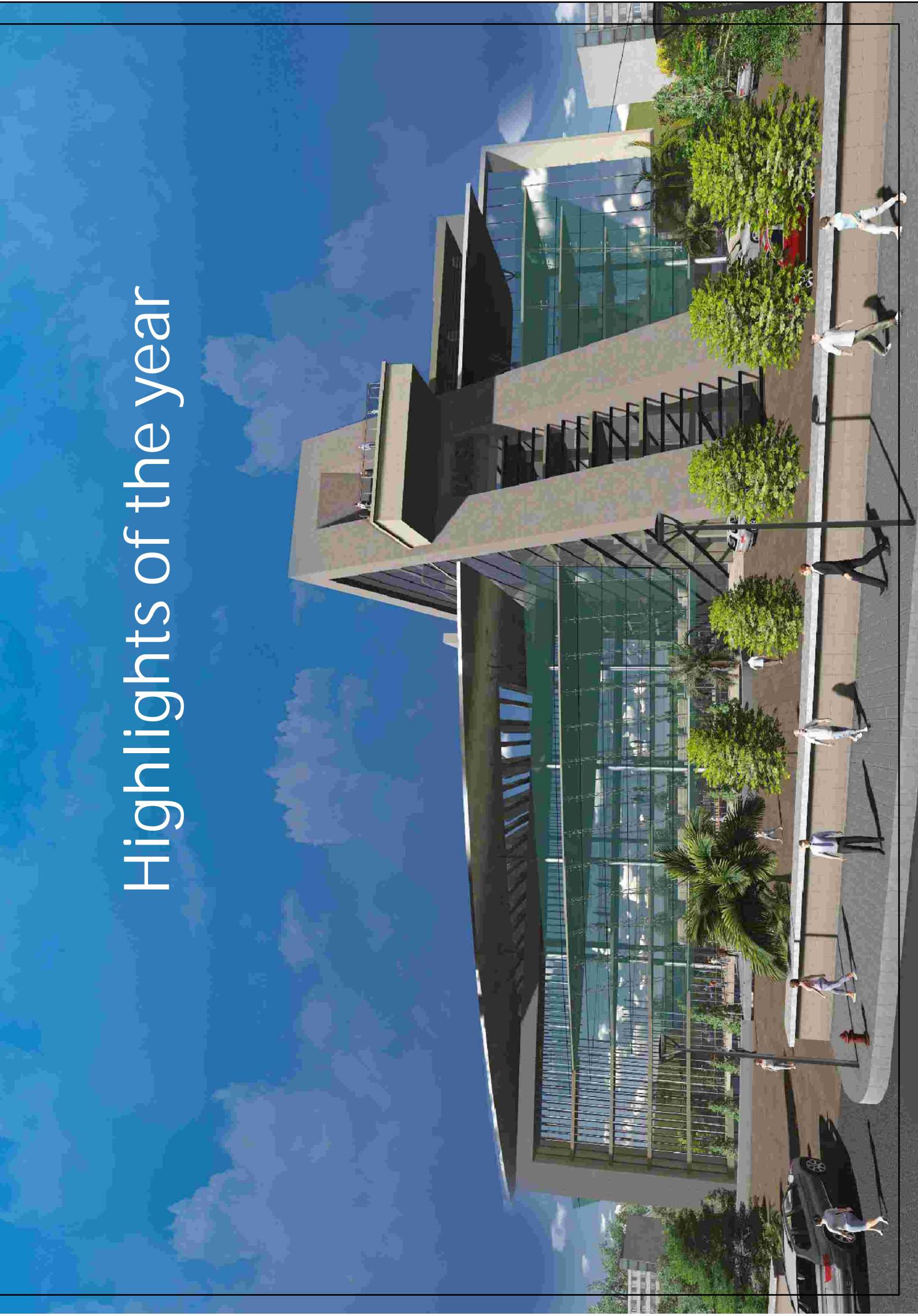
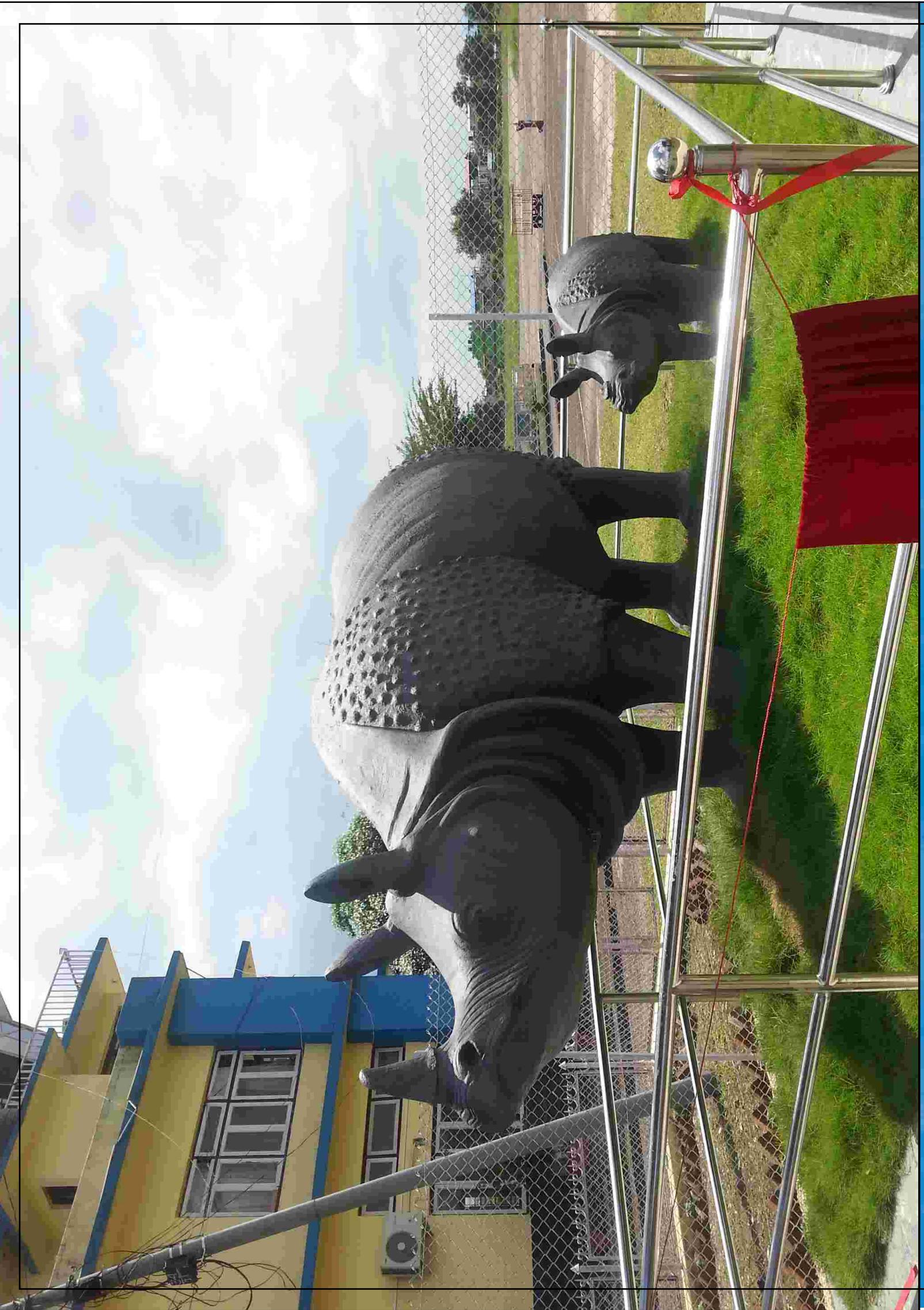
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# Highlights of the year



## Rescue and Fire Fighting Activities in CAAN

Till the last week of Mangsir 2071/72 different programs were carried from the Rescue and Fire Fighting department and some of them are mentioned herewith. Halotron Fire Extinguishers which are especially made for aircraft fire fighting are first introduced at three different airports of Nepal and they were Pokhara, Biratnagar and Chandragadhi. These three airports were facilitated with three each Halotron fire extinguishers. Furthermore this fiscal year, we have planned to install the same type of fire extinguishers on the other seven Airports. Recently, this fiscal year we have provided five fire extinguishers at Lukla Airport where we are going soon for installation, refilling and demonstration purpose too. Similarly, eight extinguishers of Janakpur Airport were refilled and installed during the SAARC summit. This year, Standard Operating Procedure (SOP) on TIA, Biratnagar, Pokhara, Gautam Buddha, Nepalganj, Simara Fire stations are found maintaining and complying it routinely. Last but not least, A Fire Prevention inspection team has been made, which has already inspected overall TIA, CAA, Flight Safety Operation Department building and Facilities and we believe that this program may enhance the fire prevention activities on airport areas.

## CAAN'S Initiative on Disaster Relief

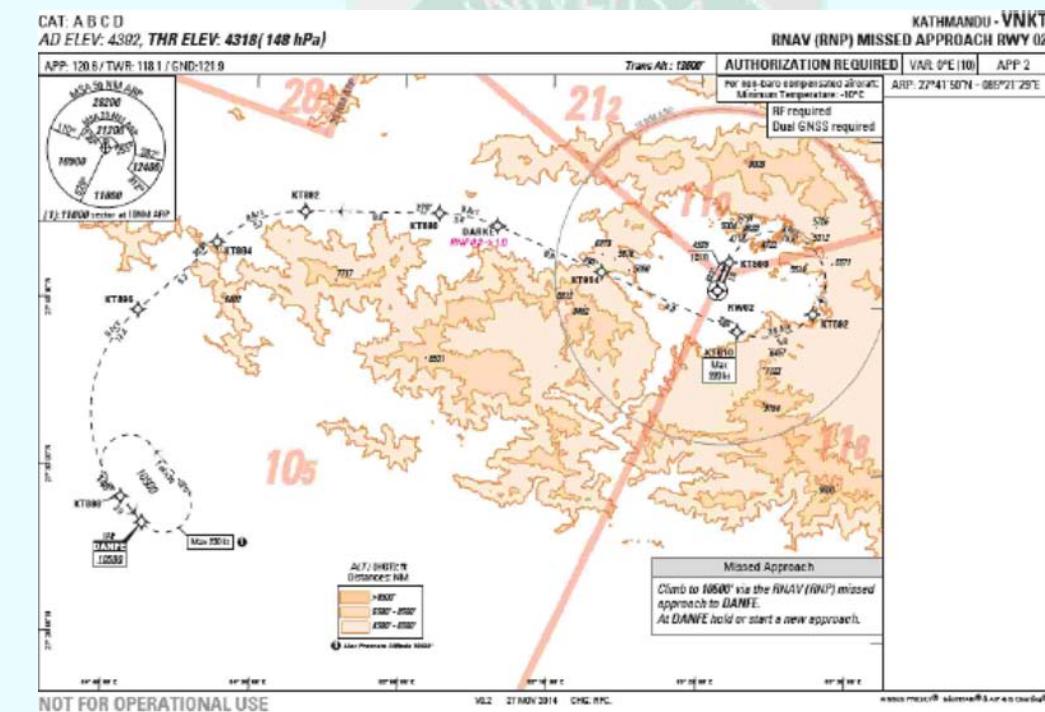


Director General of CAAN Handing Over  
Cheque of Rs. 10 Million to Rt.Hon'  
Prime Minister for  
Natural Disaster Relief Fund

## ATM Department Activities in 2070/71 (2013/14)

- To overcome the constraints posed by terrain for the continuous and smooth approach and landing of international flights at Tribhuvan International Airport, Civil Aviation Authority of Nepal implemented the Performance Based navigation (PBN) based RNP-AR approach procedure in 2012 with the technical support from Airbus. A post implementation review meeting involving CAAN, international & domestic Airlines & Airbus Pro Sky was held in CAAN Head Office on 24 - 25 July 2014 and Detail Design Review Meeting of the same was held in 2 ñ 4 December 2014. The meeting outcome was to modify and update the RNP-AR approach procedure from the present left turn missed approach procedure to right turn missed approach procedure similar to conventional VOR/DME approach. This modification will improve air traffic handling and separation of air Traffic in and around Kathmandu, reducing air space congestion & delay..

RNP-AR Right Turn Missed Approach Procedure chart of TIA



- Civil Aviation Authority of Nepal has initiated to review air space & air route network in line with National PBN Implementation Plan & development of new regional international airports at Bhairahawa & Pokhara. The Government of Nepal has proposed to the Government of India for the bilateral talks for additional entry points in the air routes coming from India as well as to establish the direct routes so has to start the cross border International Flights.  
Nepal has proposed to establish direct route: Himalaya 2, starting from Kathmandu to far east destinations via Bagdogra, Guwahati, Imphal in India and Kunming in China, China. Both China & India have principally agreed to establish it and will be finalized after technical discussion between Nepal & China & Nepal & India bilateral talks in the near future.

3. Procurement of DGPS Survey Equipment has been completed which will be utilized for the survey and verification of the WGS 84 Coordinates and other obstacles data of different airports . A training has been conducted by the vendor to train the CAAN Personnel (ATM Dept, Aerodrome Engineering Dept and AIM Dept.) , technology transfer and to enhance the in house capability of CAAN.
4. WGS-84 Coordinates data survey of major domestic airports namely Chandragadhi, Pokhara, Surkhet, Bharatpur, Janakpur, Dhangadi, Biratnagar, Bhairahawa, Nepalgunj and Simara have been completed and in the process of approval in order to publish in AIP Nepal.
5. Instrument Flight Procedures of Kathmandu, Bhairahawa,Nepalgunj and Biratnagar reviewed. New Instrument Approach Procedure based on GNSS for Pokhara Airport has been designed by Airspace Planning Division under ATM Department and work is underway for the validation and approval
6. Manual of standards Air Traffic Services MATS, Nepal First Edition 2013 has been approved and issued which came into force from April 2013 and subsequently ANS Safety and Standard Department has taken the ownership of MATS Nepal. On the basis of MATS Nepal TIA, ATS Operation Manual was prepared and approved in June 25, 2013 by DGCA Nepal and came in force from July 09, 2013. Similarly ATS operation Manual of Bharatpur Airport has been prepared, approved and came into force from September 2014.
7. Till date 10 ATC personnel were sent to ICAO/FPP Beijing for instrument flight procedure design training course and 4 persons were sent for PBN procedure design training course. All together 14 ATC personnel are trained for Basic and /Advance instrument flight procedure design.
8. Airspace and Air routes network is being continuously reviewed and new routes to cater domestic carriers as per the PBN implementation plan is underway
9. Modernizing Surveillance System at TIA  
For the Tribhuwan International Airport Modernization Project Nepal, ATM Department provided digital data of all the FIR boundary points of Nepal as well as Minimum Safe Altitude Warning (MSAW) data has been provided to CNS Department which will be used for the enhancement of the existing RADAR surveillance system and en route RADAR Surveillance System of the future
10. Future Plan

#### ATS route plan

- Domestic routes will be upgraded to RNAV routes.
- Existing airways will be redefined with PBN specifications after consultation with adjacent FIRs.
- New RNAV/RNP routes are under plan to be developed as follows:

Bhairahawa - Pokhara,

Pokhara - Bharatpur - Simara,

Simara - Biratnagar,

Simara - Mechi

Jakakpur - Biratnagar

Himalaya 2 Route (Kathmandu ñ BBD ñ Guwahati ñ Imphal ñ Kunming) will be pursued to be developed and consultation will be done for the extension of L626 up to Mechi (FIR boundary)

#### 11 PBN Implementation in Nepal

Due to the global air traffic growth and limitation of ground based navigation system, ICAO recommended GNSS as Future Navigation System. To cope with the increasing global traffic demands, ICAO further developed the concept of RNAV and RNP, which is now called as Performance Based Navigation (PBN). PBN is a broad airspace concept in the global CNS/ATM system environment.

#### Initiation toward implementing PBN

As per the ICAO Assembly Resolutions and APANPIRG Resolution, CAA Nepal has initiated various works towards PBN since 2009.

CAAN has formed a National PBN Task Force headed by Deputy Director General,ANS Directorate of CAAN and members from various disciplines including airline pilots. The National PBN Taskforce has been mandated to develop PBN implementation plan, continuously review it as per the guidelines of ICAO Regional PBN Implementation Plan and Global Plan.

The CAAN has planned to introduce RNAV/GNSS approach and departure procedures in some major airports including RNAV/RNP SIDs and STARs within TMA.

#### Medium Term Plan (2013-2016)

##### En-route

An extension of L626 route up to MECHI will be implemented in order to materialize the proposed Himalayan Route in consultation with India.

An extension of L626 or new route will be proposed from Kathmandu to Kunming via Bagdogra-Guwahati-Imphal, India in order to materialize the proposed Himalayan Route.

##### Terminal

RNP1 or RNAV1 STARs/ SIDs will be introduced in major airports.

All major airports will be capable of serving RNAV/ RNP terminal operations by the end of Mid-term Plan.

##### Approach

RNP Approach will be introduced in selective instrument runways.

RNP AR APCH will be continued full-fledged operation at TIA.

RNP (GNSS based) approach and landing will be introduced at all other major airports by 2016.



ATC on Duty at Kathmandu Tower

## New Recruitment and Promotional Scenario

Total numbers of Staff Strength	1065
Numbers of Present Staff	858

### From 1st January 2014 to 22nd December 2014

Appointment by Open Competition	103
Appointment by Internal Competition	12
Promotion by Performance Appraisal	27
Special Promotion(10th Yearly)	0
Special Promotion (15th Yearly)	5
Special Promotion (24th Yearly)	3
By Contract	40
Retired	66

- Notice for promotion by performance appraisal for the post of 180 is published for the current fiscal year 2071-2072. Result will be published in the near future.
- Notice for the special promotion (10th yearly, 15th yearly & 24th yearly) is published for the current fiscal year 2071-2072. Result will be published in the near future.
- Notice for the new manpower appointment by open competition for the post of 251 for the fiscal year 2071-2072 is published. Exam schedule is to be fixed.
- Notice for appointment by internal competition for the post of 19 in this fiscal year 2071-2072 is published. Exam schedule is to be fixed.
- Curriculum revision is completed for the open and internal competition both.
- Number of retired personal between 1st Shrawan 2070 to 7th Poush 2071 is 66.

## Aerodrome Safety and Standard Department

### Aerodrome Certification 2014

The standards of the ICAO Documents Annex 14 to the Convention, Aerodromes used for International Civil Aviation are required to be certified by the State. In addition as per the Civil Aviation Authority of Nepal (CAAN), Airport Certificate Regulation - 2061 (2004) airport certificate must be obtained:

(1) The operator of the airport that may be used for public purpose as per the national need must obtain the Airport Certificate.

(2) The Airport Certificate must be obtained to operate international public air transportation service at any airport of Nepal.

As per the requirements Tribhuvan International Airport was certified and renewal regularly on following dates by regulatory body of CAAN.

### Aerodrome Certificate Issue and Renewal

Aerodrome Certificate Issued/Renewed on	Certificate Validity		Remarks
	From	To	
Nov 26, 2003	Nov 26, 2003	Nov 25, 2008	
May 03, 2009	May 03, 2009	May 02, 2010	
Jul 18, 2010	May 03, 2010	May 02, 2011	
Oct 21, 2011	May 03, 2011	May 02, 2013	
Jul 08, 2013	May 03, 2013	May 02, 2014	
Aug 18, 2014	May 03, 2014	May 02, 2016	

The purpose of the inspection/audit was to certify Tribhuvan International Airport as International Certified airport to cater international carriers and passengers passes through. The audit/inspection of the certification programme was conducted from May 13, 2014 to May 20, 2014 at TIA. The audit/inspection works kicked off after a meeting with GM-TIACAO. All areas directed by Civil Aviation Regulation- 14 and inspected/audited as per the procedures laid in Manual of Aerodrome Certification Procedure 2008 & Aerodrome Inspector Hand Book 2013.

### Runway Friction and Pavement Classification Number (PCN) Test Equipment

Aerodrome Safety and Standard Department bought Runway Surface Friction Test and Runway Bearing Capacity terms Pavement Classification Number (PCN) Test equipment. In December 11, 2014 a friction test of both runway 02 and 20 was conducted.



### Aerodrome Inspection Non Schedule November, 2014

A non-schedule surveillance inspection/audit had been conducted at Tribhuvan International Airport on Nov 19, 2014. The audit was short and focused on aerodrome operation for South Asian Association for Regional Cooperation (SAARC) summit. The main aim of audit/inspection was to find out any safety gaps during the VVIP movements. Inspection was carried out on movement area to check the status of runway traffic paint, signage, ramp safety procedures, alertness of Aviation Rescue and Fire Fighting Service Division regarding the supplies and logistics, field procedures of construction activities on south of the runway. A finding report had been submitted to General Manager to correct the lapses.



## Aviation Safety - a Brief Overview

### Introduction

The primary function of Civil Aviation Authority of Nepal (CAAN) in its role of regulator is responsible to keep aviation safety at an acceptable level. Although Nepal has not formally determined the acceptable level of safety pending the maturity of safety management system (SMS) of service providers; still the two indicators of safety performances i.e. the lack of effective implementation of ICAO standard and recommended practices (SARPs) and number of accidents are common indicators to measure the safety performance of any State. It is not a hidden fact that Nepal has not performed well in these both fronts. Additionally, the operational ban imposed by European Union from December 2013 has further challenged us to emerge from this situation and demonstrate a tangible performance in aviation safety. The present status and initiatives of CAAN have been elaborated in this context.

### ICAO ICVM 2013

ICAO Coordinated Validation Mission (ICVM) that was conducted from 10th to 16th July 2013 saw major improvements in Nepal's performance in resolution of protocol questions in all audit areas by closing 69 protocol questions and 1 declared not applicable. This brought down the lack of effective implementation (LEI) to 45% where the global average is 39%. It is noteworthy that the area of accident investigation (AIG) was not validated during the ICVM mission which had fairly large number of unsatisfactory protocol questions. CAAN feels that the LEI would have further come down if the AIG area had been validated. However, on the other hand this mission raised significant safety concern (SSC) in air operator certification since the air operators were not certified in accordance with the new procedure developed in line with the ICAO guidelines. In response to ICAO on SSC, CAAN prepared and submitted the roadmap acceptable to ICAO for the alleviation of SSC. This roadmap has been updated and ICAO has been informed on all progresses made.

CAAN has prepared comprehensive corrective action plan in each unsatisfactory protocol question and has established necessary procedures and implemented the established procedures. The critical element 4 (technical personnel qualification and training) witnessed highest level of lack of effective implementation among the eight critical elements and with current training of inspectors after promulgation of human resource training policy and training program 2014-18, the LEI in this area is expected to come down significantly. The major achievements in all critical elements are summarized as below.

- Civil Aviation Regulation, 2002 was amended to address the deficiencies of primary aviation legislation.
- Nepal has issued iAccident Investigation Regulations 2071 BS to keep pace with latest amendments in Annex 13.
- Other associated regulations were also amended to complement the Civil Aviation Regulation, 2002 amendments.
- Relevant Civil Aviation Requirements like CARs, Personnel Licensing Requirements, Flight Operations Requirements, and Nepalese Civil Airworthiness Requirements were amended to align with latest ICAO SARPs.
- Experienced and qualified flight operations experts were hired and trained.
- Basic inspector course was conducted for 32 inspectors including flight operations, aerodrome, ANS, CNS and airworthiness inspectors. Subject matter experts for flight operations was obtained from Airbus and INECO provided ANS, CNS expert while expert for airworthiness is expected from Airbus.
- Human resource policy and training program for 2014-2018 have been developed for the regulatory staffs and required budget has been allocated.



- Guidance materials like handbooks, checklists, job tools have been developed to assist the inspectors to discharge the duties effectively. Existing flight operations inspector's handbook, airworthiness inspector's handbook and ANS inspector's handbook were revised to meet the changes in the requirements.
- The new coming air operators were certified in accordance with the new AOC certification manual fully complying ICAO provisions.
- The existing air operators were also re-recertified in accordance with the new certification procedure.
- Comprehensive surveillance program was developed and approved by Director General for oversight of approved organizations.
- Aviation Enforcement Manual was amended and enforcement actions were taken in accordance with the provisions of manual.
- Safety Oversight Facilitated Integrated Application (SOFIA) is under implementation stage with support from EASA. This application will be useful tool for the inspectors in Annex 1, 6,7 and 8 activities.

In order to ascertain the degree of progress made towards the alleviation of significant safety concern, CAAN requested ICAO for a pre ICVM mission. ICAO agreed to send a subject matter expert to assess preparation of CAAN. Visiting COSCAP-South East Asia flight operations expert, during his mission from 6-14 November 2014 observed the progress made by CAAN towards the alleviation of SSC. The report stated that the CAAN has taken right steps in the resolution of significant safety concern but need to consistently demonstrate the progress in coming days too. CAAN also feels that the implementation of process in place needs to be sustained and consistency is required in this regard.

### Post EU on site assessment status:

European Union (EU) has put Nepalese operators certified by CAAN in its air safety list from December 2013 citing two reasons- SSC from ICAO in air operator certification and higher numbers of air accidents. The EU team made an on-site assessment of CAAN and six air operators and made several observations. CAAN has already submitted the corrective action plan against each observation made by the EU assessment team. Major deficiencies observed by the EU are outstanding SSC and lack of adequate trainings of pilots in an approved trainings organization. The pilot's training has been planned by CAAN to take into account the practical aspects as well with consultation with stakeholders. Deadline has been set forth 31st December 2015 for co-pilot to obtain the Airline Transport Pilot License theoretical knowledge from an approved training organization. SSC alleviation has been in plan as per the roadmap agreed by ICAO. We expect that once the SSC is resolved, we will be able to move ahead for the alleviation of EU operational ban.

### Current status:

The current status of CAAN for the protocol question of critical elements 1,2,3,4 and 5 which qualify for the off-site validation is expected to bring down the LEI to or below the world average since the newly developed iAccident Investigation Regulation 2070 will also address several PQS. The steps taken by Civil Aviation Authority of Nepal towards alleviation of SSC and EU operational ban are ongoing process and we need to demonstrate the progress consistently. However, the major challenge for us is to arrest the unacceptable number of accidents and serious incidents. CAAN is assisting the air operators to implement safety management system. Once CAAN reduces the number of accidents and serious incidents, it will be a testimony that effective safety oversight system is in place and it will be a boost for the compliance based as well as performance based indicator. CAAN always welcomes the suggestion from the stakeholders for the necessary measures to enhance the aviation safety in Nepal.

## Achievements by AIM Department on 2014

S.N.	Subjects	Remarks
1	Basic AIS Course	Based on ICAO Doc. 7193, Part E, AIS personal, Basic AIS Training syllabus recommended by Management Committee Meeting of 210th on dated 27th June, 2014 and approved by DGCA on dated 29th June, 2014.
2	Seminar on subject of AIS function	As awareness programme, AIS function seminar was conducted on 5th June, 2014 for different unit of CAAN and few participant from other stake holders too.
3	Management Committee Decision	As identified a data/information providers, information about any construction, development must be provide to AIM Dept. for necessary publication by concern Unit/Department
4	SOP of AIS developed	For standardized and tools to understand of AIS function by other unit AIS SOP designed and approved on dated 15th December, 2014 by DGCA.
5	Identification of AIS group/sub group in CAAN staff	Based on ICAO Doc. and E.U. guidance AIS personal should be developed as separate group/sub group in CAAN. In this matter continuous work is going on.



Proposed Bhattendada

## Major Activities of CAAN

### Nepal signs MoU with China

Mr. Sushil Ghimire Ministry of Culture Tourism Civil Aviation Secretary and Xia Xinghua, Deputy Administrator of Civil Aviation Administration of China (CAAC) signed a memorandum of understanding on behalf of their respective governments in Kathmandu on 24th -25th February 2014.



The MoU has permitted the operation of 56 flights per week with any type of aircraft on a reciprocal basis. The existing ASA allowed the Chinese airlines to operate only 14 flights per week. In addition, the MoU has also provisioned for an annual addition of flights to 70 flights per week by 2016.

The MoU has allowed unlimited traffic rights for cargo-only flights with any type of aircraft. It has also permitted bilateral and third party code sharing by the carriers of Nepal and China. Moreover, the Nepalese designated airlines having principal place of business in Nepal have been allowed, under specific conditions, air services to China. The Nepalese designated airlines are authorized to operate at Beijing, Shanghai, Lhasa, Guangzhou, Kunming, Chengdu and Xian with two intermediate and two beyond points at the discretion of the Nepalese side.

The People's Republic of China also agreed to provide technical assistance in the areas of flight operation, aircraft maintenance, safety oversight, air traffic management, security, and CNS facilities to Nepal.

### Nepal and Bhutan sign a MoU

Nepal's Tourism Minister Sushil Ghimire and Bhutan's Secretary of the Ministry of Information and Communications Kinley Dorji signed a memorandum of understanding on behalf of their respective governments in Thimphu, Bhutan on 17th May 2014. Increasing the flights between the two countries by three folds, with an immediate effect, the MoU has permitted the operation of 21 flights per week with any type of aircraft on a reciprocal basis. The existing ASA allowed the Bhutanese airlines to operate only 7 flights per week. Further, the MoU has provisioned for multiple designation system under which there won't be any restriction on any carrier of the two countries to fly to each other's destinations. It has also eliminated royalties being charged on passengers and cargo along the Kathmandu-Delhi sector for the airlines designated by Bhutan.

Both the parties also agreed to enhance technical cooperation in the field of civil aviation, exchange of technical expertise, tourism promotion, and other related matters.

### COSCAP-SA 23rd Steering Committee Meeting

The 23rd Steering Committee Meeting of COSCAP-SA was organized on 14-15 May 2014 in Thimpu, Bhutan. The delegation led by Director Generals of South Asian Nations, representatives from ICAO, FAA, EASA, DGAC France,



and IATA participated the meeting. Regional Director of ICAO APAC Office specially attended this Meeting. The Nepalese delegation led by the Director General of Civil Aviation Er. Ratish Chandra Lal Suman took part in the Meeting.

The Meeting focused on its discussion on the IV Phase Programme of COSCAP-SA, which commenced on 01 October 2013 for five years period. Other issues discussed during the Meeting were USOAP Programme update, ICAO Safety Management and Global Aviation Safety Plan, Work Plan, SARAST update, EASA and SARI issues etc.

Nepal presented a working paper on 'Need to increase Regional Cooperation to Improve the Level of Safety in South Asia'. ICAO APAC Office took note on issues raised by Nepal and agreed to extend its assistance to States to uplift the level of safety in the Region. The Meeting directed COSCAP-SA to develop required plan to assist Member States with Effective Implementation (EI) of ICAO Safety Standards below global average.

COSCAP-SA is a programme established in 1997 on the initiation of ICAO for the strengthening of civil aviation safety in South Asia. Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka are the Member States of COSCAP-SA. Technical Cooperation Bureau (TCB) of ICAO prepares the phase-wise programme of COSCAP-SA which is required to be approved by the Member States.

### Workshop on Aircraft Accident Investigation in Nepal:

A Workshop on Aircraft Accident Investigation in Nepal; Legal and Procedural Aspects was jointly organized by the Ministry of Culture, Tourism and Civil Aviation (MoCTCA) and the Civil Aviation Authority of Nepal (CAAN) on 29th June 2014. The workshop was chaired by Mr. Sushil Ghimire, the then Secretary of Ministry of Culture, Tourism and Civil Aviation and addressed by Mr. Ratish Chandra LalSuman, Director General, Civil Aviation Authority of Nepal.

In the context of promulgation of new Aircraft Accident Investigation Regulation, 2071, the workshop aimed to provide a common frame of reference for all stakeholders including CAAN (regulator), operators and all concerned, exchange information and ideas regarding aircraft accidents in Nepal and their investigation, the changed scenario of legal



provisions with respect to investigations, and share views regarding the need for sound investigation system through the effective implementation of the regulation. Two working papers entitled Conceptual and Legal aspect of aircraft accident investigation in Nepal and aircraft accidents in Nepal-issues and discussions were presented by Mr. Buddhi Sagar Lamichhane, Joint Secretary of MoCTCA and Mr. Rajan Pokhrel, Director, CAAN respectively.

Focussing on the importance of experts as well as collection of data, the seminar emphasized on the need of establishment of database for the collection of safety significant data and information and production of trained manpower for the investigation of accidents and incidents. Similarly, the need to focus on the removal of systemic deficiencies rather than on individual performance was pointed out by the seminar. ATC- Pilot Interaction on "Flight Operation Challenges at TIA"

- An ATC-Pilot interaction was jointly organized by Tribhuvan Int'l Airport (TIA) and Airline Operator Association of Nepal (AOAN) on 30th Jun 2014 at Airport Hotel, Gauchar. The program was chaired and addressed by Director General, CAAN. During interaction, various challenges and difficulties of Flight Operation faced by ATC and Pilot were surfaced. The conclusion and recommendations of the program is under process for necessary action.

### ATC- Helicopter's Pilot Interaction Program

- An ATC and Helicopter Pilot interaction program was jointly organized by Flight Operation Department, TIA and Airline Operator Association of Nepal (AOAN) on 18th Jun 2014 at airport Hotel, Gauchar. The interaction program was addressed by the then General Manager Rishikesh Sharma. Various safety and efficiency related issue of helicopter operation were discussed for appropriate action.

### Nepal Celebrates International Civil Aviation (ICAO) Day 2014

70th International Civil Aviation Day was celebrated by the Ministry of Culture, Tourism and Civil Aviation (MoCTCA), in association with Civil Aviation Authority of Nepal (CAAN) and the entire aviation fraternity on 7 December 2014. The programme commenced with walkathon from Tribhuvan International Airport Improvement Project (TIAIP), Sinamangal to Tribhuvan International Airport Civil aviation Office (TIACAO) where flags of Nepal and ICAO were hoisted by Mr. Suresh Man Shrestha, Secretary, MoCTCA. Beginning with the welcome speech by Mr. Rajan Pokhrel, Director, CAAN, the formal programme was addressed by Mr. Suresh Man Shrestha, Secretary, MoCTCA, Mr. Ratish Chandra Lal Suman, Director General, CAAN, and Capt. Rameshwar Thapa, President, Airlines Operator Association of Nepal. The vote of thanks was delivered by Mr. Suresh Acharya, Joint Secretary, MoCTCA. Capt. Gyan Prasad Rai from Yeti Airlines and Capt. Pramod Kumar Lama from Manang Air were awarded Capt. Prabhu Saran Pathak Award 2014 for their contribution to safety with exemplary safety records.

International Civil Aviation Day is celebrated in Nepal every year on 7th December to mark the establishment of ICAO seventy years ago on 7 December 1944.

## International Carrier's Flight Status

Based on approved summer schedule (29 Oct-28 |

S.No.	Country	Airlines	Sector	Operating Fleet	Aircraft Seat	Flt/Week	ASA Provision		
							Flt/Week	Pax/Week	
1	Bangladesh	Biman Bangladesh	DAC-KTM-DAC	B-737/AB-310	162/221	7		7000	
		United Airways	DAC-KTM-DAC	MD-83/A-310	155/200	7			
2	Bhutan	Druk Air	PBH-KTML-PBH	AB-319/ATR	114/48	7	7		
		Air China	LXA-KTM-LXA	A-319	128	3			
			CTU-KTM-CTU			7			
		China Eastern	KMG-KTM-KMG	B-737	132	8			
						6			
3	China	China Southern	CAN-KTM-CAN	A-319	122	8	56		
		Dragon Air	HKG-KTM-HKG	A-330	300	7			
4	Hongkong	Indian Airlines	DEL-KTM-DEL	A-320	145	14	30000		
			CCU-KTM-CCU	A-319	122	4			
		Jet Airways	VNS-KTM-VNS	A-321	172	4			
			DEL-KTM-DEL	B-737-800	144	21			
		Indigo Airlines	BOM-KTM-BOM		144	14			
			DEL-KTM-DEL	B-737-800/900	180	7			
		SpiceJet	DEL-KTM-DEL		212	14			
		Korean Air	INC-KTM-INC	B-777	301	2			
		Malaysian Air	KUL-KTM-KUL	B-737	160	14			
			Air Asia	A-330/343	377	7			
5	India	Nepal Airlines	KTM-VTBD-KTM	B-757	190	2	10		
			KTM-VHHH-KTM			3			
			KTM-OTBD-KTM			4			
			KTM-WMKK-KTM			7			
		Buddha Air	KTM-VNS-KTM	ATR-42/72	42/72	2			
6	Korea	Oman Air	MCT-KTM-MCT	B-738	154	7	7		
		Pakistan	KHI-KTM-KHI	A-310/B-772	184/339	0			
7	Malaysia	Qatar Airways	DOH-KTM-DOH	B-777/A-346/A-330/A-321	355/306/305	21	28		
		Singapore	SIN-KTM-SIN	A-320	150	6			
8	Thailand	Thai Int'l Airlines	BKK-KTM-BKK	B-772	309	7	10		
		Turky	Turkish Airlines	IST-KTM-KTM	A-330	289			
9	UAE	Air Arabia	SHJ-KTM-SHU	A-320	168	21	21		
		Ethidat Airways	AUH-KTM-AUH	A-332/A-320	262/136	14			
		Fly Dubai	DXB-KTM-DXB	B-737-800	189	16			

**Sector Abbreviation:**

VNS: Varanasi	BAH=Bahrain	KHI=Karachi	WMKK=Kuala Lumpur
INC: Incheon (South K)	DMM=Damann	LXA=Lasha	BKK / VTBD= Bangkok
DAC : Dhaka	KMG= Kunming	PBH=Paro	HKG/ VHHH=Hongkong
ISB-Islambad	AUH=Abu Dhabi	SJH=Sarjaha	DOH/OTBD = Doha
SIN= Singapore	CAN=Guangzhou	OMDB=Dubai	DEL/VIDP: Delhi
	CCU=Kolkatta	MCT- Muscat	

## Air Navigation Services Directorate Communication and Navigation Aid Department

1. DVOR/DME system installed and operated since 1994 has been upgraded at Simara, Gautambuddha Airport and Nepalgunj airport to achieve highest level of availability of the services.



2. New ATS Tower Console has been Installed at Kangledanda Airport to enhance Aeronautical Fixed Information Services provided from the aerodrome.



3. ATS Tower Console at Simikot Airport has been replaced with new facilities to enhance Aeronautical Fixed Information Services provided from the aerodrome.

4. New ATS Tower Console with new facilities has been installed at Dhangadhi Airport's newly constructed Tower terminal buildings to further enhance Aeronautical Fixed Information Services provided from the aerodrome.



5. Communication, Navigation, Met and Facilitation system Installation, Expansion, Upgrading, Operation and Maintenance activities based on iReliability centric Maintenance Management System" has been introduced including Remote Monitoring/logging Test rack/ Test center at Central workshop at Sinamangal.



On-going activities

- (1) Installation of New ATC Tower Console and facilities Taplejung, Thamkhark and Khanidanda Airport



## Status on Air Transport Capacity Enhancement Project (As of 30 September 2014)

### A) Recruitment of Consultants :

Both Consulting service - Detail Design and Construction Supervision and Capacity Development of CAAN have been procured and under implementation in the project.

Table 1: Consulting Services of ATCEP (Grant No. 0181 - NEP)

S.N.	Consulting Services	Consultant	Date of Contract Agreement	Date of Mobilization	Duration of Services
1.	Detail Design and Construction Supervision	Japan Airport Consultants, inc, Japan in association with GEODE Consultants (P) Ltd.	March 09, 2011	April 29, 2011	60 months
2.	Capacity Development of CAAN	INECO-Pointec-ERMC	December 27, 2011	March 6, 2012	36 months

### B) Procurement of Goods and Works :

The ICB contracts for the project works have been procured and under execution in the project

Table 2: Works and Equipment Contracts of ATCEP (Loan No. 2581 - NEP)

S.N.	Goods and Works	Contractor	Date of Contract Agreement	Commencement Date	Duration of Contract
1.	ICB-01: Airside Infrastructure Development and Landside Terminal Improvement at TIA, Simikot and Rara Airport	Constructora Sanjose S.A. Spain	December 21, 2012	March 17, 2013	36 months + (DNP: 12 months)
2.	ICB-02: Supply and Installation of CNS and ATM Equipment at TIA and Lukla Airport	EMTE Sistemas S.A.U. Spain.	August 1, 2012	September 17, 2012	15 months +(DLP, 18 months)

### C) Progress of Consulting Services :

- (i) Detail Design and Construction Supervision: The design and procurement of contracts were completed in December 2012. The construction supervision of ICB-02 was started from September, 2012 and of ICB 01 from March 2013. Progress as of 30 September 2014 is 52.80%
- (ii) Capacity Development of CAAN Project: Components on Private Sector Participation (2C), Enhancing non-aeronautical Revenues (2D) and Planning (2A) are complete, whereas Restructuring (3), HRD (4), Computerization (5) at 70 to 75 % progress and MIS (6) is in 55% progress. Under component 1 (legal) preparation of new integrated act, civil aviation regulation is in advance stage with about 79% progress. Similarly, progress of C2B Business Planning is at 85% progress. Overall progress as of 30 September 2014 is 79%.

### D) Progress of Contract:

- (i) Contract Package ICB-01: The contractor is continuing with construction works mostly in A04 (Parallel Taxiway and International Apron), A03 (Runway Extension) and A12-8 (under A12 n Ancillary Work), B01 (International Terminal Building expansion). The cumulative physical progress is 9.23% at the end of September 2014.
- (ii) Contract Package ICB-02: The contract was scheduled to be completed by 10 December 2013. However due to unavoidable circumstances, as per request made by the contractor, a time extension of 111 days (until 31st March 2014) was granted without any further financial implications to the contract cost. The contractor managed to complete the work ahead of the extended time and the completion certificate was issued on 17th March 2014. The contract is under Defects Liability Period since March 17, 2014. Issuance of Operational Acceptance Certificate to the Contractor and final handover of the equipment to TIACAO will be done by January 2015. Performance monitoring of equipment operation is continuing.

## Training / Workshop / Seminar Domestic

Destination	Subjects	Days	Type	Funding	Person
Godawari	Trainer for Involuntary Resettlement Practitioners	7	Training	ADB	2
CAA	Induction Training	7	Training	CAAN	44
CAA	Non Radar Approach Course (Pre-requisite Radar Training) & Approach Control Radar Course	90	Training	CAAN	6
NASC	Aviation Safety Oversight Inspector (ANS+CNS)	35	Training	CAAN	14
NASC	Aviation Safety Oversight Inspector (Specialized Kartik 9-14, 30 to Mangsir 18)	30	Training	CAAN	7
NASC	Governance and Development Course	30	Training	CAAN	25
NASC	Workshop & Management	15	Training	NASC	2
Himalayan Hotel	Challenges & opportunity in Transportation & Economics Development Country	1	Workshop	SOTEN	20
Marsyangdi Hotel	Training Cum Workshop Program in Key Accounts, Financial Management & Taxes	4	Workshop	CAAN	2
Hyatt Hotel	Nepal Infrastructure Summit	2	Conference	CAAN	4
Malla Hotel	Regional Procurement Training	3	Training	ADB	4
Nepal Police Academy	AVSEC training for senior level officers of Police.	21	Training	NP Instructor by CAAN	20
Nepal Police Academy	AVSEC training for junior level officers of Police.	21	Training	NP Instructor by CAAN	20



## Training / Workshop / Seminar International

Destination	Subjects	Days	Type	Funding	Person
India	ISO-50001 Lead Auditor Course on Energy Management System (EnMS)	5	Training	CAAN	2
India	EMGE-4 Course	5	Training	CAAN	11
UAE	Course Developers and Instructors Standardization Meeting	3	Meeting	CAAN	3
Sri Lanka	A.I.S. Briefing Officer Course - 2014	32	Training	CAAN	4
Spain	World ATM Congress 2014	3	Conference	CAAN	3
Singapore	Familiarization on AIS Automation	3	Familiarization	CAAN	4
Singapore	Third Party Liability of Airports (Insurance)	5	Training	M/S Company	2
Singapore	The Third Meeting of the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/3)	5	Meeting	CAAN	2
Singapore	2014 Air Show & Special Meeting of the 10th CASP-AP Steering Committee	4	Meeting	CAAN	1
Singapore	Special Meeting of the 10th CASP-AP Steering Committee	1	Meeting	CAAN	1
Singapore	Aircraft Accident Investigation Techniques and Management	12	Training	SCP	1
Singapore	Legal Principles for Aviation Regulators and Managers	5	Training	SCP	1
India	Certificate of Proficiency in English Communication	30	Training	ITEC	1
India	Certificate Course in General Management	45	Training	ITEC	1
Malaysia	AVSEC Crisis Management	5	Training	CAAN	1
China	COM Coordination Meeting	2	Meeting	CAAN	3
Hong Kong	AVSEC National Inspectors Course	9	Training	CAAN	1
China	PANS-OPS Procedure Design Initial Course	25	Training	CAAN	3
Bangladesh	ICAO GSI OPS Course	17	Training	CAAN	1
Thailand	FAT & Tech. Maintenance Training of ATC 3D Simulator (Supply, Delivery package)	7	Training	M/S Company	4
Thailand	Financial & Administration Course	5	Training	CAAN	13
Austria	FAT of Foam Tender, Factory Inspection and Training of ICB-01: Airside Infrastructure and Landside Terminal Improvement at TIA Simikot and Rara Airport	10	Observation	M/S Company	4
USA	FAT of ICB/01/PROSEC/2013 Supply and Delivery of Runway, Taxiway and Apron Maintenance Equipments (Heavy Equipments) at TIA	8	Observation	M/S Company	2
USA	Airport Pavement Technical Workshop	3	Workshop	CAAN	1
USA	Comprehensive Crisis Management Course	35	Training	Embassy of USA	2
Bangladesh	55th Convention of Engineers for Development: Towards a Safer Environment	5	Conference	CAAN	1
China	Seminar on Aviation Operation and Management for Developing Countries	14	Training	Chinese Fellowship	1
China	China's Fellowship Training Program for Aviation Personal from Developing Countries on Civil Aviation Safety Management	12	Training	Chinese Fellowship	3

Hong Kong	Automatic Dependent Surveillance - Broadcast (ADS-B) Seminar and the Thirteenth Meeting of ADS-B Study and Implementation Task Force (ADS-B SITF/13)	4	Seminar	CAAN	2
Indonesia	Universal Safety Oversight and Audit Programme (USOAP) Continuous Monitoring Approach (CMA) Regional Workshop for APAC Region	3	Workshop	CAAN	1
Korea	The Second Meeting of the Common Regional Virtual Private Network Task Force (VPN) of APANPIRG (CRV TF/2) (12 May) and The First Meeting of Aeronautical Communication Services Implementation Coordination Group (ACSICG/1)	5	Meeting	CAAN	1
Korea	DVOR/DME Course	27	Training	Korea-ICAO	1
Korea	Airport Operation Course	20	Training	Korea-ICAO	1
Korea	Air Navigation Policy Course	12	Training	Korea-ICAO	1
Singapore	ICAO Wildlife Hazard Management Seminar	3	Seminar	CAAN	2
Spain	53rd IFATCA Annual Conference	5	Conference	CAAN	4
Sri Lanka	CANSO Asia-Pacific Conference	4	Conference	CAAN	3
Philippines	AP-SRP AWG/2 & APRAST/4	5	Meeting	CAAN	4
China	Technical Conference on Airport Construction	7	Conference	CAMC	12
Hong Kong	Asia Pacific Regional Aviation Safety Team - Second Meeting of the Asia Pacific Accident Investigation Group (APAC-AIG/2)	2	Meeting	CAAN	2
Macau	11th SC Meeting of CASP-AP	2	Meeting	CAAN	3
Finland	Technical Operation Training of Supply & Delivery of Underground Cable Fault Locator & PAPI Check Ground Equipment 9	Training	M/S Company	2	
Finland	FAT of Supply & Delivery of Underground Cable Fault Locator & PAPI Check Ground Equipment	9	Observation	M/S Company	1
France	PBN Oversight Training Seminar	4	Seminar	ENAC	1
Germany	Training, Trends & Innovations in the ARFF Industry	4	Conference	CAAN	2
Korea	Electronic Safety Tools Course	8	Training	Korea-ICAO	1
Korea	Approval of RNP-AR in KTM	5		Korean Air	2
Korea	Aviation Security and Safety Course	19	Training	Korea-ICAO	1
Malaysia	Pressure Fed Fuel Training	5	Training	CAAN	12
Singapore	Passenger Interline Accounting and Control Course	5	Training	CAAN	2
Thailand	The Ninth Meeting of ICAO Aeronautical Information Services n Aeronautical Information Management Implementation Task Force (AAITF/9)	4	Meeting	CAAN	2
Sri Lanka	7th Meeting of the Collaborative Arrangement for the Prevention and Management of public health events in Civil Aviation Asia Pacific (CAPSCA-AP)	4	Meeting	CAAN	2
Thailand	ATC Watch Management Training	11	Training	CAAN	12
Bhutan	23rd Meeting of the COSCAP-SA Steering Committee	2	Meeting	CAAN	4



## CIVIL AVIATION REPORT 2014

Kunming	ICAO Crisis Management Course	5	Training	CAAN	2
China	Eighteenth Meeting of the Communications/Navigation and Surveillance Sub-Group (CNS SG/18) of APANPIRG	5	Meeting	CAAN	2
India	International Conference cum Exhibition of Aviation Fire Safety	2	Conference	CAAN	2
India	ICAO Regional TRAINAIR PLUS Course Developers and Instructors Standardization Meeting & Familiarization of Rajiv Gandhi Int'l Airport	6	Meeting	CAAN	2
Singapore	Seminar on CNS/ATM	5	Seminar	Singapore-ICAO	1
Singapore	Civil Aviation Management Programme	11	Training	Singapore-ICAO	1
Sri Lanka	ITF South & South-East Asian Civil Aviation Workshops	7	Workshop	CAAN	1
Sri Lanka	Fire Watch Tower Operation Course	5	Training	CAAN	4
UAE	Speaker of Emerging Airports Conference and Exhibition 2014	2	Conference	Organizer	1
Malaysia	Study & Inspection of Approved Training Organization	5	Observation	CAAN	3
London	Introduction to Aviation English Program	13	Training	CAAN	2
India	Familiarization visit of IGIA for Airport Development Fund	5	Observation	CAAN	6
China	PANS-OPS Procedure Design Initial Course	25	Training	CAAN	2
Thailand	Search & Rescue Exercise (SAREX 2014)	3	Observation	CAAN	3
Singapore	Emergency Management Workshop	7	Workshop	Singapore-ICAO	1
Singapore	Civil Aviation Chief Executive Program	7	Meeting	SCP	1
Japan	5th Asia-Pacific Aviation Security Heads of Regulators Meeting	2	Meeting	CAAN	1
Viet Nam	3rd Annual Southeast Asia Airport Expansion Summit 2014	2	summit	CAAN	1
Malaysia	National Civil Aviation Security Training Program (NCASTP) Workshop	8	Workshop	CAAN	2
China	PBN Procedure Design Initial Course (No8)	22	Training	CAAN	2
India	Library Automation and Networking course	5	Training	CAAN	1
Maldives	SARI 66 & 147 Implementation Workshop	4	Workshop	CAAN	2
China	Chiller and A/C Maintenance Training	7	Training	CAAN	7
Malaysia	Airport Human Resources Mngt. Course	5	Training	CAAN	4
Thailand	Financial & Administration Training Course	5	Training	CAAN	24
Thailand	Third Meeting of the Asia Pacific Safety Reporting and Programme Ad hoc Working Group (AP-SRP AWG/3) and Fifth Meeting of the Asia Pacific Regional Aviation Safety Team (APRASAT/5)	5	Meeting	CAAN	4
Korea	Airport Green House Gas Management C.	7	Training	Korea-ICAO	1
Thailand	SARI/SEARIF M Wrap up Workshop	3	Workshop	CAAN	2
Italy	IFATSEA 44th General Assembly	5	Conference	CAAN	2
Singapore	State Safety Programme Course	4	Training	Singapore-ICAO	1
Thailand	ATC Watch Supervisor Mngt. Training	11	Training	CAAN	19
Korea	Aviation Policy for Executives	8	Training	Korea-ICAO	1
Singapore	Airport Fire Officers Course	26	Training	CAAN	4
Korea	NAVAIDS Installation and Operation	9	Training	Korea-ICAO	1
China	ICAO TRAINAIR PLUS Programme Training Developers Course (TP TDC) Course	11	Training	CAAN	5

Singapore	Dangerous Goods Training for Airport Emergency Responders	5	Training	CAAN	2
Singapore	Airport Terminal Operations and Mangt.	11	Training	CAAN	4
Singapore	Integrated Safety Management System	11	Training	CAAN	2
Singapore	Procedure & Design Process for PBN Airspace Course	10	Training	SCP	2
Malaysia	APANPIRG/25 & RNP-AR Operation Simulation of Malaysian Airlines	7	Meeting	CAAN	3
Poland	Inspection of Taxiway Lights & Guard Lights of Supply, Delivery, Installation, Testing and Commissioning of Taxiway Lights, Guard Lights, Primary Cable, Isolating Transformer and Accessories (ICB/03/PROSEC/2013)	9	Observation	M/S Company	2
Malaysia	ICAO International Aviation and Environment & States Action Plan Seminar	3	Meeting	CAAN	2
Germany	FAT of Supply, Delivery, Installation and Commissioning of Cargo Baggage X-Ray Machine for Cargo Complex (ICB/03/PROSEC/2013)	5	Observation	M/S Company	1
Singapore	Search & Rescue Administrators Course	11	Training	Singapore-ICAO	2
Singapore	Human Factors in Aviation Workshop	5	Workshop	CAAN	2
Thailand	31st IFATCA Asia-Pacific Regional Meeting 2014	3	Meeting	CAAN	4
Hong Kong	RASCF-APAC/2 & 51st DGCA Conference	9	Conference	CAAN	2
Hong Kong	RASG-APAC/4, First Director General Course on Aviation Safety & 51st DGCA Conference	9	Conference	CAAN	2
Hong Kong	51st DGCA Conference	4	Conference	CAAN	2
Australia	Meeting of the International Confidential Aviation Safety Systems (ICASS) Group and Meeting with Aerothai in Bangkok	10	Meeting	CAAN	2
Turkey	RNP AR Approaches to Kathmandu Simulator Training	3	Observation	Turkish Airlines	4
Indonesia	7th ICAO Air Services Negotiation Event	5	Meeting	CAAN	1
India	Aerodromes (Annex 14) Course	5	Training	India-ICAO	1
India	Global Human Resource Management Course	43	Training	ITEC	2
India	Certificate Course for Proficiency in Business Communication and Life Skills (Including Essential Internet Skills)	54	Training	ITEC	1
India	Optical Fiber Cable, Systems and Modern Telecom Transport Technologies	54	Training	ITEC	1
Canada	Eighth Meeting of the Facilitation Panel	5	Meeting	CAAN	2
Thailand	Aviation Customer Meeting (ACM) 2014	3	Meeting	CAAN+Aerothai	2
Spain	Observation of CRJ-200 P1 Initial Training on Type Rated Simulator	6	Observation	Surya Airlines	2
Korea	Radar Approach Control Course	19	Training	Korea-ICAO	1
Singapore	C of R, C of A and RML Issuance of Sri Airlines	3	Observation	Shree Airlines	1
France	Flight Operation Monitoring & Training of A 320 (Nepal Airlines)	32	Training	NAC	2
Bhutan	Crisis Management Workshop	5	Workshop	CAAN	2

*Aviation Security Training (JCO's) - 4<sup>th</sup> Batch*  
(2070/11/29 to 2070/12/28)  
National Police Academy, Maharajgunj



1st Row (L to R): SI S. Thapa, Insp. T.R. Pandey, DySP K.P. Pangaine, DySP M. Luitel, SSP B.B. Thapa, T.N. Sitaola, Officiating Executive Director DIGP N.P. Bastakoti, D. K.C., SSP P. Kharel, SP M.B. Shah, DySP S. Bhandari, DySP A. Paudel, Insp. A. Ghimire.  
2nd Row (L to R): HC D.B. Raskoti, ASI R.H. K.C., ASI K.K. Mahato, ASI H. Kathayat, SI R.P. Kapile, SI N.P. Upreti, ASI J. Bhandari, ASI B.B. Thapa, ASI G. Neupane, ASI B.R. Timalsena, ASI S. Paudel, ASI M. Paudel, SI P.B. Chand, ASI P. K.C., PC S. Adhikari.  
3rd Row (L to R): ASI R. Khadka, ASI F.M. Ghising, SI S. Lama, SI S.P. Rai, ASI S. Thapa, SI B.B. Chand, ASI A. Wagle, ASI P.M. Bisht, ASI P. Upadhyay, ASI S. Tamang, ASI S.K. Henjan, ASI B.K. Karki.

*Aviation Security Training (S.O.) - 2<sup>nd</sup> Batch*  
(2070/12/09 to 2070/12/30)  
National Police Academy, Maharajgunj



1st Row (L to R): ASI B.B. Shrestha, Insp. T.R. Pandey, DySP K.P. Pangaine, DySP M. Luitel, SSP B.B. Thapa, T.N. Sitaola, Officiating Executive Director DIGP N.P. Bastakoti, D. K.C., SSP P. Kharel, SP M.B. Shah, DySP S. Bhandari, DySP A. Paudel, Insp. A. Ghimire.  
2nd Row (L to R): Insp. K.B. Thapa, Insp. P.B. Shahi, Insp. D.K. Shrestha, Insp. D.P. Shiwakoti, Insp. B.L. Bhattacharai, Insp. B.R. Khanal, Insp. R. Pandey, Insp. R.B. Singh, Insp. G. Chand, Insp. D.B. Bogati, Insp. M.K. Thapa, Insp. D. Dhungel, Insp. R. Tamang.  
3rd Row (L to R): Insp. R.B. Regmai, Insp. B.B.S. Thapa, Insp. J. K.C., Insp. Dr. T.K. Dahal, Insp. S. Khadka, Insp. P. Sapkota, Insp. R.P. Mainali, Insp. H.B. Oh, Insp. B.S. Rana, Insp. N. Thapa, Insp. R.B. Mahajan.

# Finance





## Finance

CAAN is a self-governing government body which maintained its accounts under accrual basis. The main income sources of CAAN are the service charges and other aeronautical income that it gets from airport and air navigation operations. It is a VAT registered organization, CAAN regularly deposits the VAT it collects from its financial transactions. Similarly, it pays the income tax out of its profit in stipulated time period. The summarized income, expenses, net profit and cumulative profits are depicted in the following tables:

Income &amp; Expenditure Scenario

Figures in Million

F/Y	Income	Expenses	NPBIDT	Interest	Depreciation	Extra Ordinary Items	I.Tax	Net Profit (Loss)	Cumulative Loss	Remarks
2055/056*	418.34	89.86	328.48	106.01	568.96	0.00	0.00	(346.49)	(346.49)	As per AGO's Certification
2056/057	912.44	293.44	619.00	222.81	1046.44	0.00	0.00	(650.25)	(996.74)	As per AGO's Certification
2057/058	1177.61	276.75	900.86	259.54	1028.51	0.00	0.00	(387.20)	(1383.94)	As per AGO's Certification
2058/059	1235.60	357.04	878.56	306.61	871.73	0.00	0.00	(299.78)	(1683.71)	As per AGO's Certification
2059/060	1162.10	399.07	763.03	308.73	743.10	0.00	0.00	(288.80)	(1972.51)	As per AGO's Certification
2060/061	1258.20	401.64	856.56	121.90	629.33	(651.98)	0.00	757.30	(1215.21)	As per AGO's Certification
2061/062	1375.59	425.79	949.80	287.42	537.34	(35.81)	0.00	160.85	(1054.35)	As per AGO's Certification
2062/063	1551.82	485.38	1066.44	262.77	464.46	(3.19)	0.00	342.40	(711.95)	As per AGO's Certification
2063/064	1567.04	545.42	1021.62	169.99	404.88	357.57	45.64	43.55	(668.40)	Awaiting AGO's Certification
2064/065	1952.88	545.51	1407.37	153.98	611.90	73.00	152.00	416.49	(251.91)	Awaiting AGO's Certification
2065/066	2339.31	1441.41	897.90	237.09	782.40	1318.42	(338.41)	(1101.60)	(1353.51)	Awaiting AGO's Certification
2066/067	2444.83	1007.54	1437.30	219.07	714.77	310.45	(14.19)	207.20	(1146.31)	Awaiting AGO's Certification
2067/068	2738.06	1100.45	1637.61	152.17	651.87	(20.46)	156.99	697.05	(449.27)	Awaiting AGO's Certification
2068/069	3365.44	1157.83	2207.62	154.85	615.67	38.91	(44.91)	1443.10	993.83	Awaiting AGO's Certification
2069/070	3521.18	1364.37	2156.80	146.64	562.76	0.05	361.84	1085.52	2079.35	Awaiting AGO's Certification
2070/071	3640.13	1665.78	1974.35	131.98	506.48	0.00	333.97	1001.92	3081.27	Provisional Income & Expenses

\*Half Yearly Figure

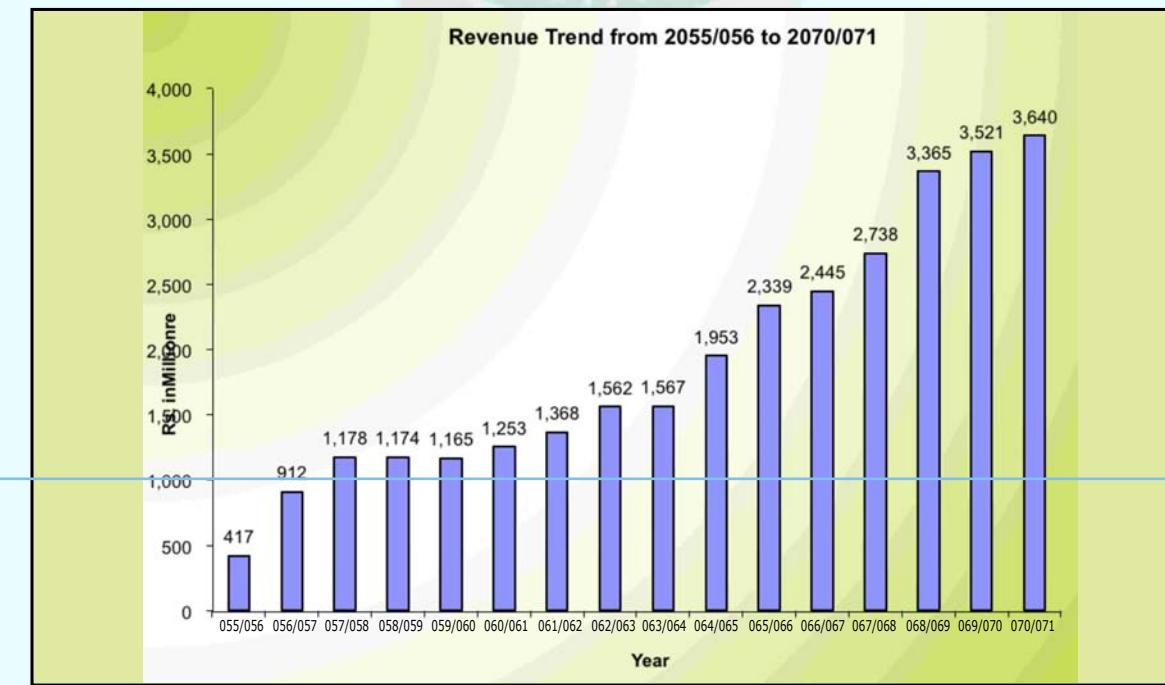
The above table clearly showed that despite continuous downturn from FY 2066/056 till 2059/060, the positive profit comeback from FY 2060/061. In 2065/066, the Nepal Govt. has decided to convert 10.25% redeemable preference share into Loan and interest is charged from the initial period. On the same time other decision has been taken place of rebate in tune of Rs. 80 million to NAC. Therefore, there was very high amount of loss in the FY 2065/066. After that the CAAN has making the net profit in every year. Above table showed that the CAAN has achieved the first time cumulative profit in 2068/069. The cumulative gain till F/Y 2070/071 is Rs. 3081.27 million. During the year 2070/071, the audit certificate from Auditor General Office has been obtained from F/Y 2055/056 to F/Y 2062/063 and audit certificate of remaining years is awaiting..

### CIVIL AVIATION AUTHORITY OF NEPAL Projected Cash flow Statement F/Y 2071/072

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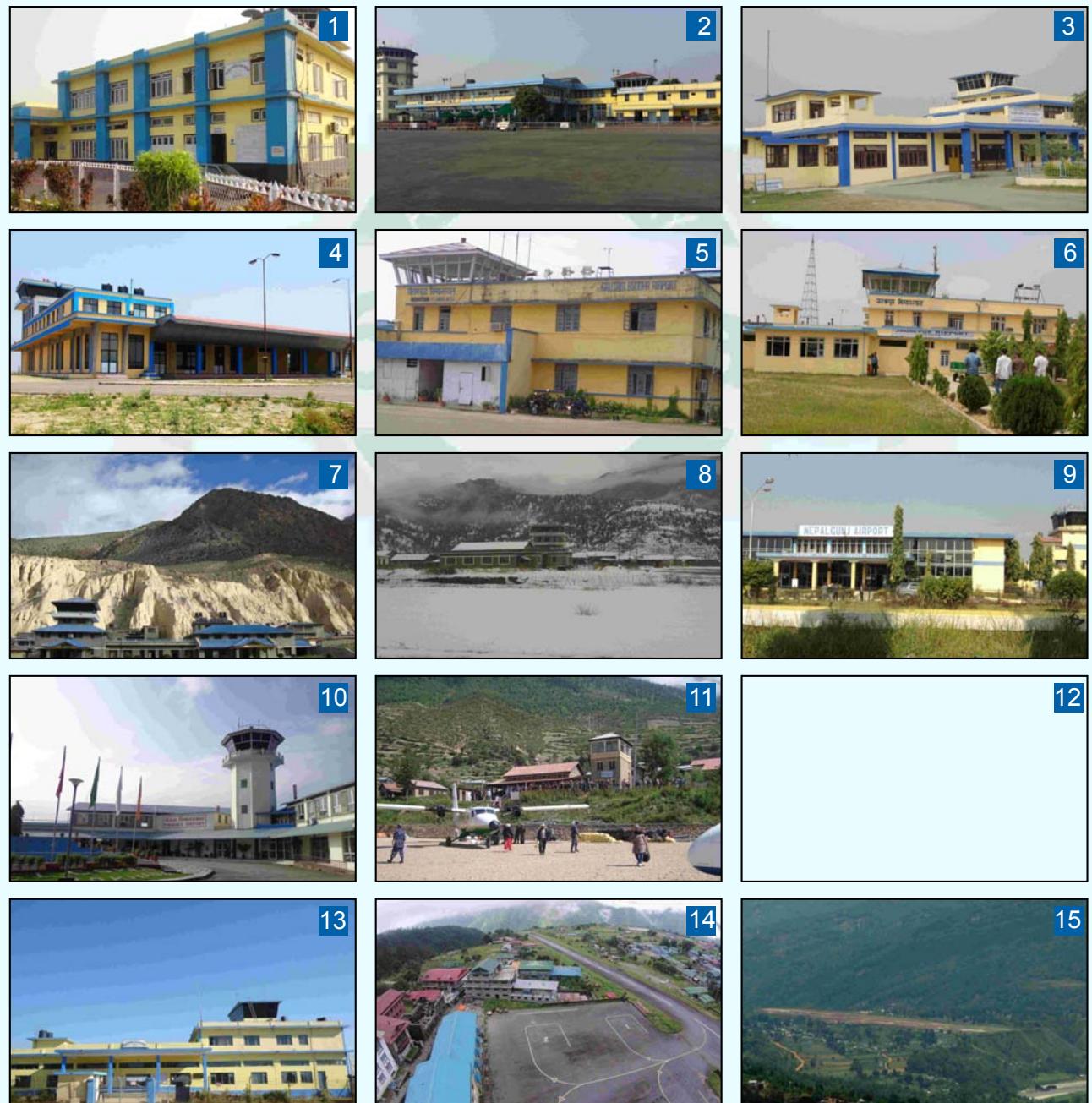
Cash Inflow :			
Net profit before interest & I. Tax	2,008,653		
Add Depreciation	506,483		
Add: Collection from Department of Custom	529,496		
Add: Collection from Nepal Airlines Corporation	72,787		
Net Operating Cash Inflow	3,117,420		
Non Operating Cash inflow			
Equity from Nepal Govt.	2,722,790		
Loan from Nepal Govt.	4,358,695		
Grant from Nepal Govt.	1,168,675		
Total Non Operating cash inflow	8,250,160		
Total Cash Inflow	11,367,580		
Cash Outflow :			
Capital Investment			
Additional Capital Expenditure	11,801,804		
Management assets	1,520,544		
Operating Cash Outflow	13,322,348		
Payment to Nepal Govt.			
Interest :			
Previous years	451,377		
Less: Adjustment with Nepal Govt. recoverable against Security Expenses(144,542)			
Less: Adjustment with Nepal Govt. o/s receivables against temp. staff retirement benefit	(10,000)		
F/Y 2071/072	64,946	361,781	
Principal :			
Paid to Nepal Govt. against Repayment Schedule	120,935		
Loan repayment of Nepal Govt. II	529,496	650,431	
Distribution of Dividend			
F/Y 2071/072	481,022		
Income Tax			
F/Y 2071/072	383,786		
VAT paid			
Input Vat	1,453,213		
Less: Output Vat	688,001	765,211	2,642,231
Other Expenditure ( prior approval from Board)		10,000	
Prior Year Employees' Bonus Provision		333,086	
Contribution to Staff Housing Fund	192,839		
Advance to Staff Welfare Fund		100,000	
Non Operating Cash Outflow		16,600,504	
Net deficit for the year before Bank balance		(5,232,924)	
Bank balance:			
Opening Balance			
Last Year LC & Other Advance		94,329	
Balance in US \$ Account		95,757	
Balance in revenue Accounts	,262,678	5,452,763	
Net surplus/deficit		219,839	

CAAN revenue has increased by 53.04% as compared to last financial year 2070/071. This is due to introduce the additional airport development charge of Rs. 1000 nett. of Vat per international passenger from Sharwan 2071 (mid July 2014). According to the above budgeted cash flow for the year 2071/072, the operating cost of Rs. 3065.72 million and Capital Investment of Rs. 13322.35 million make a total expenditure of Rs. 16,388.07 million. This accounts for 81.29% share in Capital expenditure and 18.71% in Operating expenses. In addition, a total expenditure of Rs. 2642.23 million for payment of Interest, Principal, dividend, VAT Income tax to the Nepal Government and Rs. 625.92 million for employees Bonus, Contribution to Staff Housing fund and advance to Staff Welfare fund. CAAN has approved of Rs. 219.84 million surplus budgets for the year 2071/072.



Income Statement of Group A Airport							
F/Y	Chandragadhi	Biratnagar	Nepal Gunj	Pokhara	Simara	Janakpur	Bharatpur
Total Revenue	2068/069	20,057,355.21	48,658,579.90	23,976,750.60	26,943,686.17	54,258,129.06	11,140,539.74
	2069/070	17,444,019.31	49,849,046.37	24,340,539.19	26,011,804.94	55,916,267.96	11,520,917.35
	2070/071	15,721,472.40	41,414,195.96	24,760,086.70	24,970,875.70	57,631,586.58	8,343,390.96
Avg 3 Yrs.	17,741,115.64	46,640,607.41	24,355,125.50	25,975,455.60	55,935,327.87	10,335,016.02	8,130,204.68
Payroll Cost	2068/069	3,167,851.08	23,736,222.70	12,995,872.32	13,453,659.53	4,799,461.96	3,335,818.77
	2069/070	3,297,051.61	22,959,947.32	13,559,569.53	11,934,544.70	6,311,802.35	4,422,916.24
	2070/071	4,733,677.03	24,494,942.36	14,622,954.49	15,225,157.49	9,887,154.90	4,393,197.50
Avg 3 Yrs.	3,732,924.73	23,428,059.56	13,337,100.18	14,102,175.52	13,839,960.56	6,999,406.40	3,717,310.84
Operating Cost	2068/069	4,081,074.53	12,907,115.70	7,737,408.96	11,150,205.97	9,509,324.46	4,785,290.16
	2069/070	4,123,181.74	17,328,305.30	11,622,797.55	15,911,119.13	11,619,637.36	3,929,054.80
	2070/071	4,711,324.04	17,854,021.90	11,622,797.55	15,911,119.13	6,454,959.07	4,021,833.56
Avg 3 Yrs.	4,305,193.44	16,029,814.30	10,446,643.87	13,212,026.63	11,014,972.90	6,387,729.79	4,126,680.88
Total Expenses	2068/069	7,248,925.61	36,643,338.40	20,733,281.28	24,672,005.50	22,962,983.81	8,121,108.93
	2069/070	7,420,427.82	39,381,318.91	24,365,98.83	26,134,324.33	23,850,182.06	8,689,744.98
	2070/071	9,445,001.07	42,348,964.26	26,251,752.04	31,136,276.62	27,751,634.51	5,784,170.76
Gross Profit	2068/069	12,808,929.60	12,015,241.50	3,245,469.32	2,271,680.67	31,295,145.25	(182,269,74)
	2069/070	10,023,591.49	10,467,727.46	(122,519,64)	(122,519,39)	(97,986,05.90)	(2,653,550.19)
	2070/071	6,276,471.33	(934,768.30)	(1,491,665.34)	(6,165,400.92)	(29,817,952.07)	(1,193,402.42)
Average 3	9,702,997.47	7,182,733.55	575,381.45	(1,38,746.55)	31,080,394.41	(3,052,20.18)	(643,517.68)
Capital Expenditure	2068/069	116,671,440.13	9,891,302.04	1,849,750.32	6,115,908.32	5,986,933.63	-7.92%
	2069/070	70,108,967.29	11,652,233.04	45,840.00	1,106,650.34	3,955,284.56	541,547.00
	2070/071	994,439.57	6,685,191.61	722,474.70	402,351.55	9,053,150.74	367,312.83

Income Statement of Group B Airport							
F/Y	Tumintar	Simikot	Jomsom	Dhangadi	Sukkhet	Lukla	Ramechap
Total Revenue	2068/069	1,864,847.76	1,470,255.29	7,113,155.83	3,706,148.43	26,943,686.17	15,592,576.67
	2069/070	1,864,847.76	1,450,163.02	9,208,846.02	4,627,370.98	26,011,804.94	14,015,018.90
	2070/071	518,164.75	1,512,856.89	4,753,271.18	5,507,231.25	4,363,398.15	13,780,732.99
Avg	1,415,953.42	1,491,093.07	7,025,424.35	4,013,886.98	19,487,574.12	559,766.78	16,621,436.85
Payroll Cost	2068/069	1,022,639.55	1,801,125.78	2,356,152.05	2,242,267.19	2,333,696.70	2,284,245.26
	2069/070	1,022,639.55	1,023,966.75	2,055,023.40	2,571,247.13	3,25,445.27	4,662,648.82
	2070/071	2,192,161.15	2,055,187.69	2,950,249.44	2,550,483.49	4,381,880.98	2,429,472.50
Avg	1,412,022.48	1,903,780.29	2,639,701.74	2,255,332.60	3,324,677.65	2,333,980.10	4,591,989.22
Operating Cost	2068/069	1,489,066.96	656,213.55	2,787,366.66	1,823,659.92	3,196,831.35	1,402,598.75
	2069/070	1,363,331.52	762,075.13	2,219,320.06	2,141,811.91	3,196,831.35	1,494,680.46
	2070/071	1,376,927.34	1,792,027.34	2,571,367.72	2,141,811.91	3,196,831.35	1,494,680.46
Total Expenses	2068/069	2,511,706.51	2,457,343.33	5,143,518.71	4,065,927.11	5,530,528.05	3,686,844.01
	2069/070	2,387,798.27	2,617,096.53	4,780,466.78	4,115,059.04	6,455,216.62	3,842,913.00
	2070/071	3,732,232.12	3,431,974.50	4,782,707.78	5,504,474.99	9,758,330.20	3,784,640.82
Gross Profit	2068/069	1,646,858.75	(987,084.04)	1,969,637.12	(359,778.68)	21,413,158.12	(3,140,867.21)
	2069/070	(522,450.51)	(1,126,935.51)	4,19,378.27	(406,977.52)	19,556,528.32	(1,228,956.70)
	2070/071	(3,214,087.37)	(1,919,117.61)	(28,949,80)	(87,104.01)	(4,25,108.95)	(2,328,222.67)
Average 3	(1,414,125.54)	(1,344,739.05)	(547,953.40)	2,119,833.33	(547,953.40)	12,239,529.16	(2,981,559.87)
Total Expenses	2068/069	352,000.00	49,662.00	255,311.14	203,711.06	561,102.80	62,026.16
	2069/070	66,000.00	176,163.00	352,913.13	119,605.90	84,600.00	114,600.00
	2070/071	7					



## Airports in Nepal

### Airports in Operation

S.No	Airports Name
1.	Tribhuvan International
2.	Bajura
3.	Bharatpur
4.	Bhojpur
5.	Biratnagar
6.	Chandragadi
7.	Chaurjhari
8.	Dhangadi
9.	Dolpa
10.	Gautam Buddha
11.	Janakpur
12.	Jomsom
13.	Jumla
14.	Kageldanda
15.	Khanidanda
16.	Lamidanda
17.	Manang
18.	Masinechaur
19.	Nepalgunj
20.	Phaplu
21.	Pokhara
22.	Ramechhap
23.	Rara
24.	Rumjatar
25.	Salle
26.	Simara
27.	Simikot
28.	Surkhet
29.	Taplegunj
30.	Tenzing Hillary(Lukla)
31.	Thamkharka
32.	Tumlingtar

### Airports Not in Opreation

S.no.	Airports Name
1.	Baglung
2.	Baitadi
3.	Bajhang
4.	Dang
5.	Darchula
6.	Dhorpatan
7.	Doti
8.	Jiri
9.	Kamalbazar
10.	Langtang
11.	Mahendranagar
12.	Meghauli
13.	Palungtar
14.	Rajbiraj
15.	Rolpa
16.	Sanfebagar
17.	Syangboche
18.	Tikapur

### Airports Under Construction

S.no.	Airports Name
1.	Arghakachi
2.	Gulmi
3.	Ilam
4.	Kalikot
5.	Khiji Chandeswori
6.	Lamjung

International Airport	01	Airports in Operation	32
Domestic Hub Airport	04	Airports not in operation	18
Other Domestic Airport	45		
Airport Under Construction	06		
<b>Total Airports</b>	<b>56</b>		

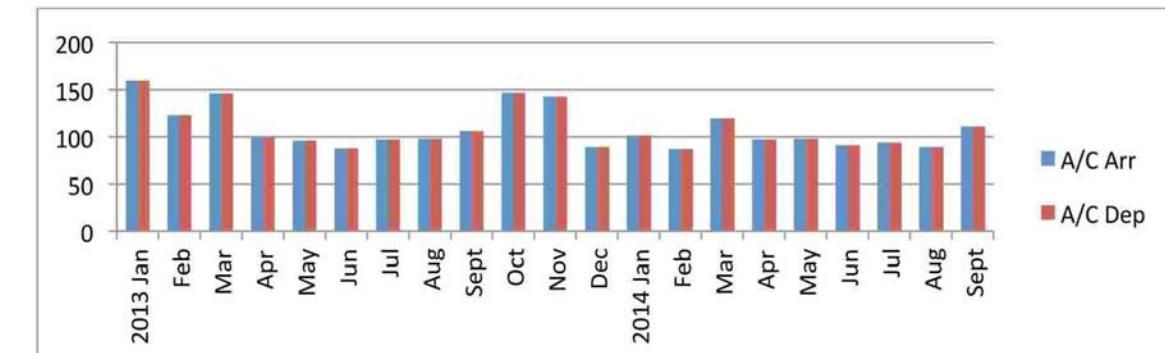
## Bharatpur Airport



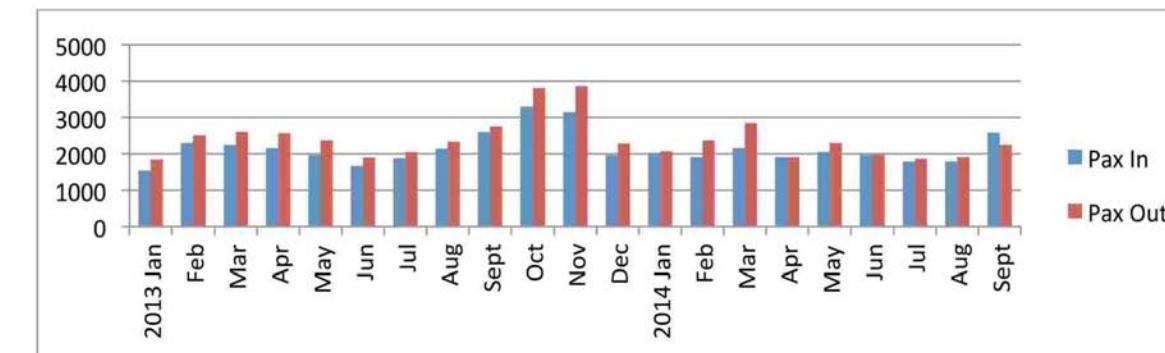
Title	Details
Airports Name	Bharatpur
Date of First Service	March 15, 1961
Zone	Narayani
District	Chitwan
Aerodrome Reference Point	274041N - 0842546E
Designation	15/33
Ref. Temperature	35°C
Location Indicator	VNBP
Elevation	679ft AMSL
Runway Dimension / Surface	1158*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, NDB

### Bharatpur Airport

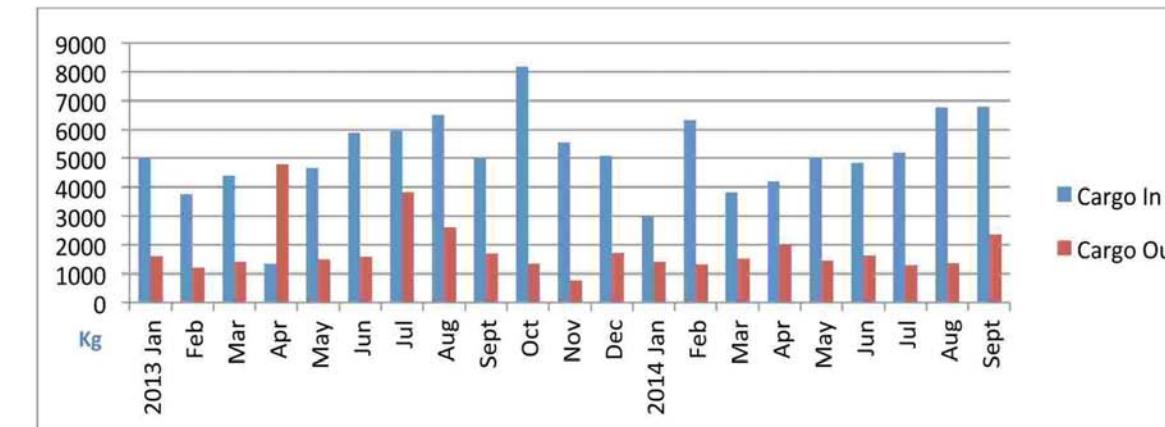
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



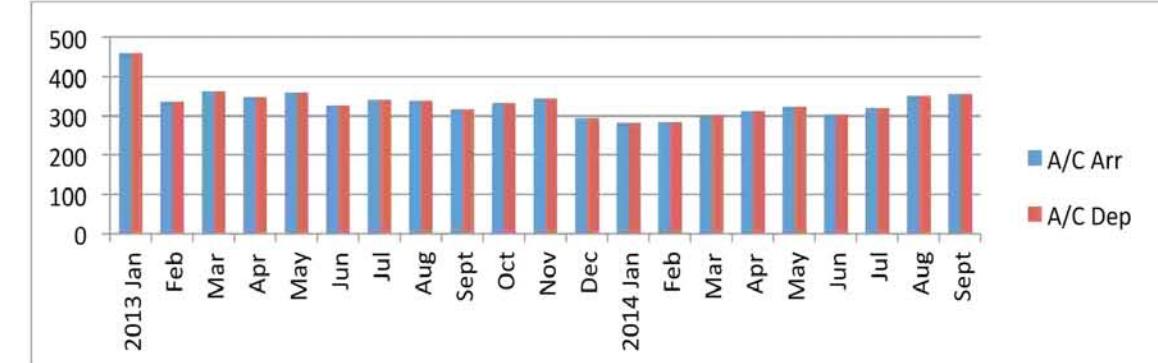
## Biratnagar Airport



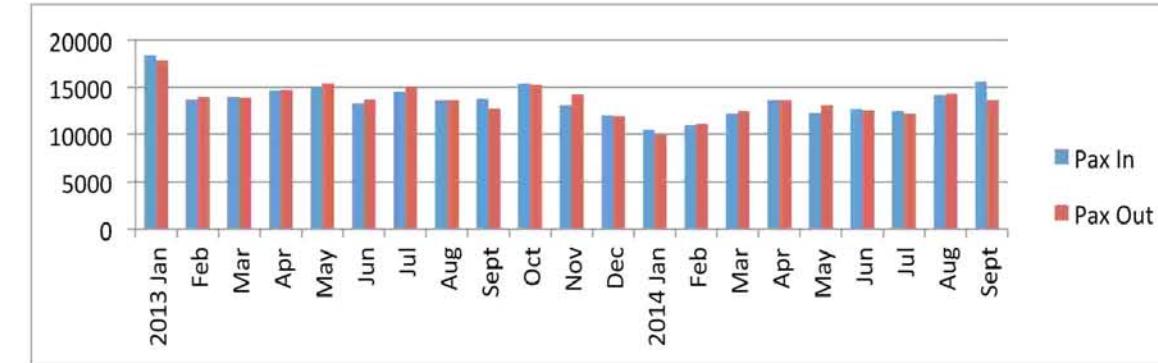
Title	Details
Airports Name	Biratnagar
Date of First Service	July 6, 1958
Zone	Koshi
District	Morang
Aerodrome Reference Point	262903N - 0871552E
Designation	08/27
Ref. Temperature	40°C
Location Indicator	VNVT
Elevation	236 ft AMSL
Runway Dimension / Surface	1524*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME, RFF, X-ray
RFF Category	V(5)

### Biratnagar Airport

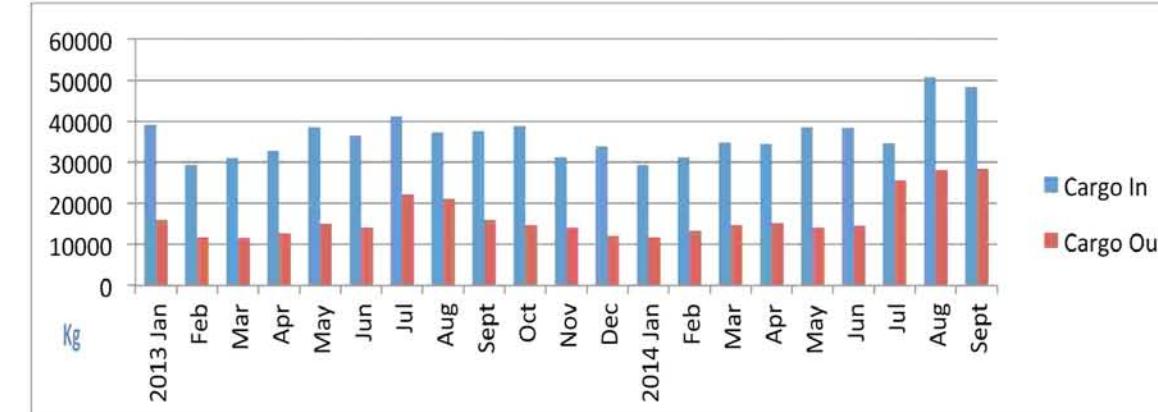
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



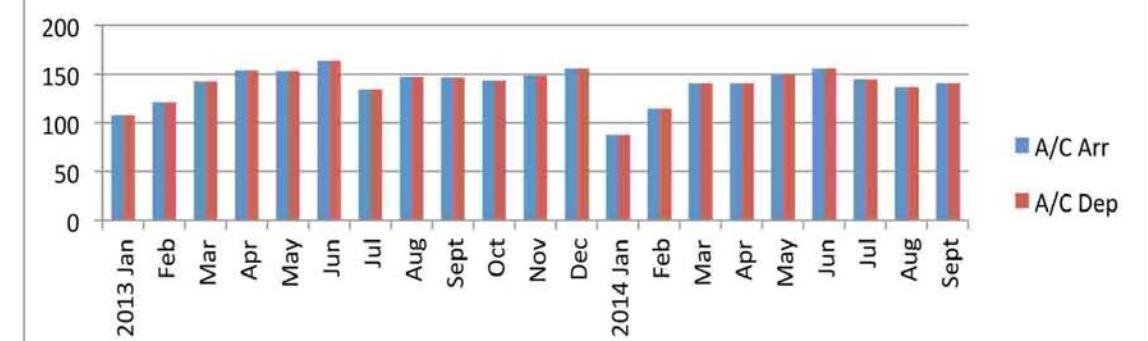
## Chandragadhi Airport



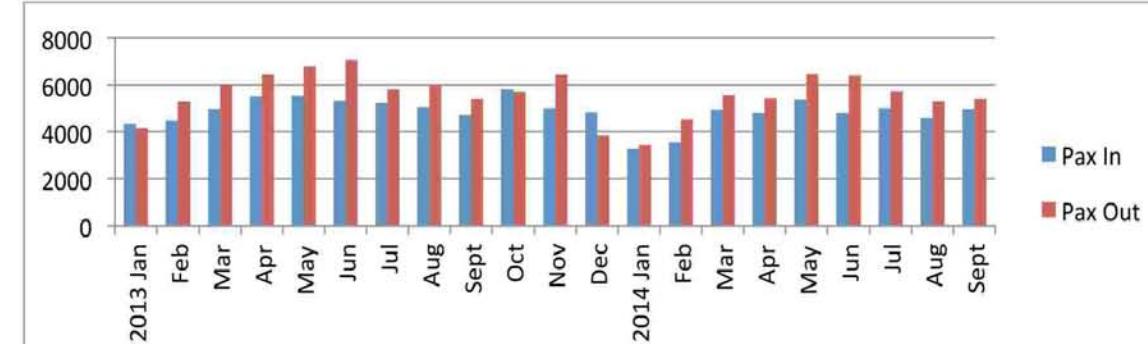
Title	Details
Airports Name	Chandragadhi Airport
Date of First Service	Nov 1963
Zone	Mechi
District	Jhapa
Aerodrome Reference Point	263413N - 0880433E
Designation	10/28
Ref. Temperature	35°C
Location Indicator	VNCG
Elevation	308ft AMSL
Runway Dimension / Surface	1800*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments

### Chandragadhi Airport

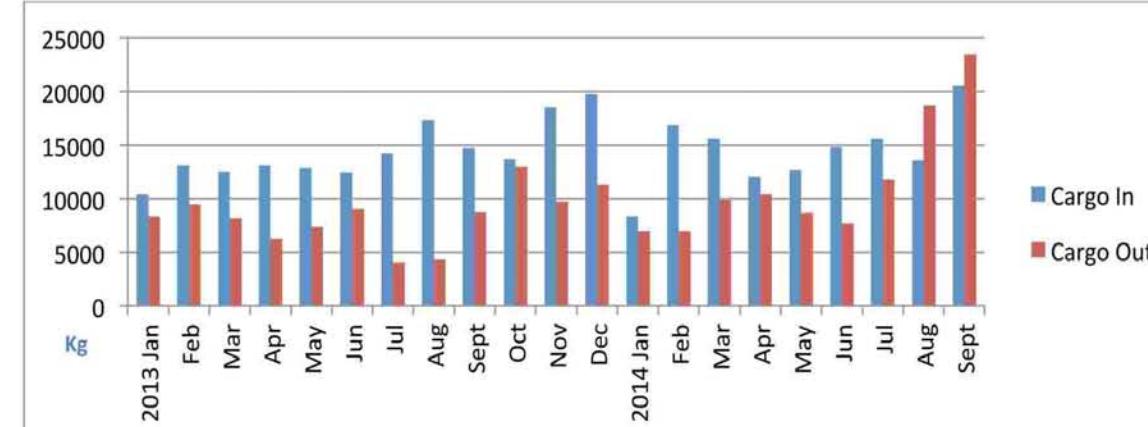
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



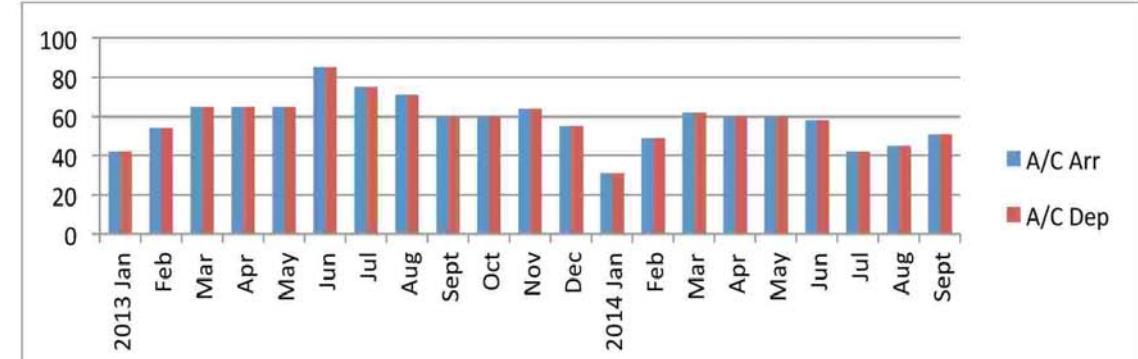
## Dhangadhi Airport



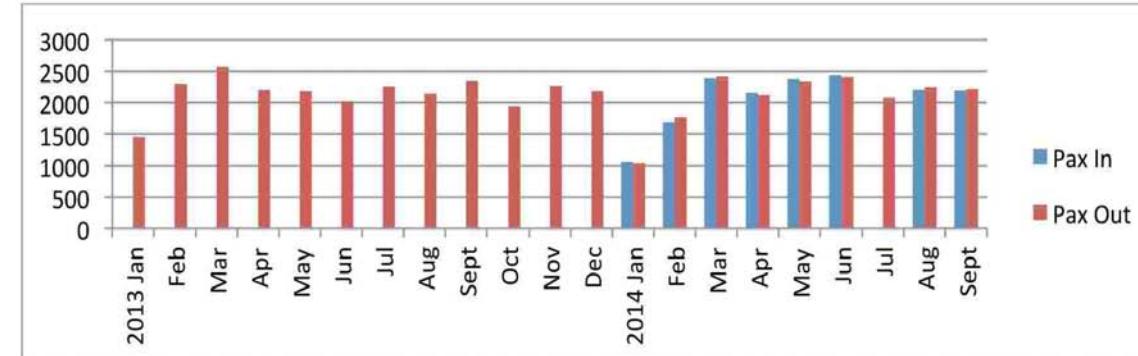
Title	Details
Airports Name	Dhangadhi Airport
Date of First Service	Dec 26, 1964
Zone	Seti
District	Kailali
Aerodrome Reference Point	284512N-0803455E
Designation	09/27
Location Indicator	VNDH
Elevation	577ft AMSL
Runway Dimension / Surface	1800*30m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, NDB

## Dhangadhi Airport

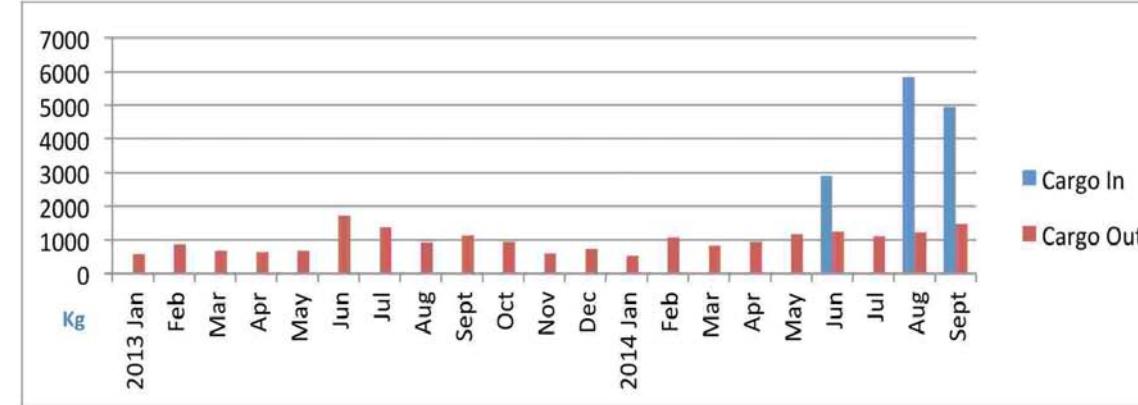
### Flight Movement



### Passenger Movement



### Cargo Movement



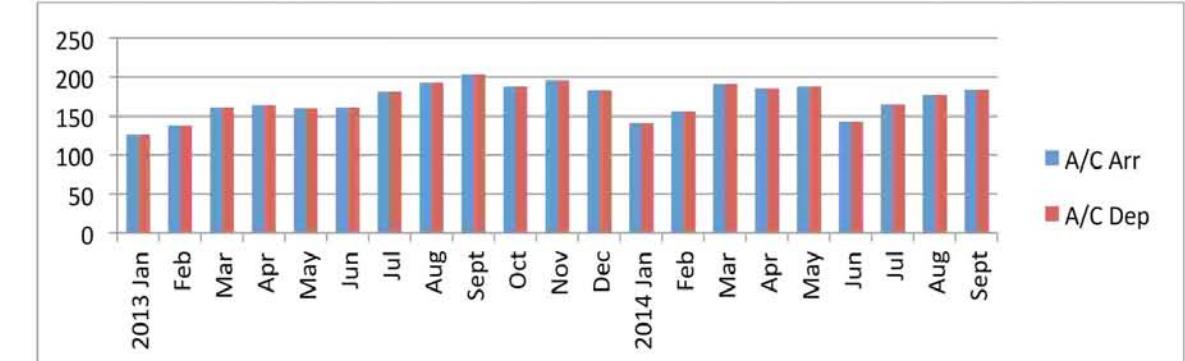
## Gautam Buddha Airport



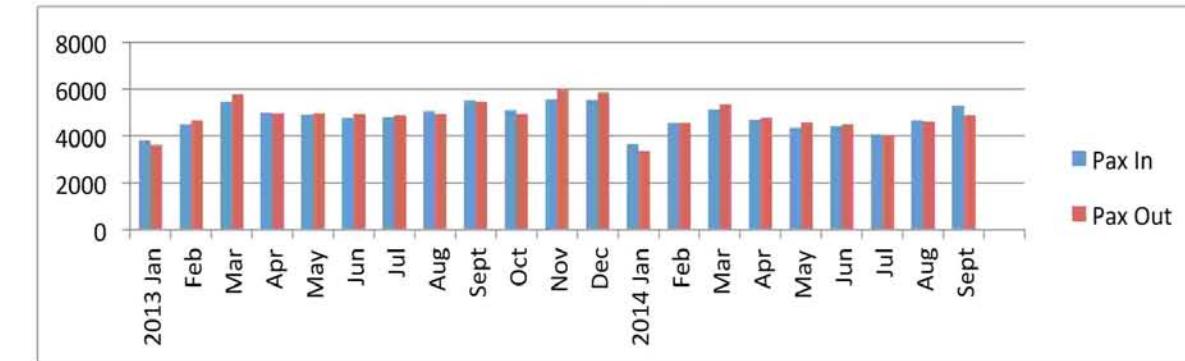
Title	Details
Airports Name	Gautam Buddha Airport
Date of First Service	July 4, 1958
Zone	Lumbini
District	Rupandehi
Aerodrome Reference Point	273026N-0832505E
Designation	10/28
Location Indicator	VNBW
Elevation	358ft AMSL
Runway Dimension / Surface	5000*100ft/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME, REMS/RMM, NDB RCMS (REmote Control and Monitoring System, RMM (Remote Monitoring Maintenance)
RFF Category	V(5)

### Gautam Buddha Airport

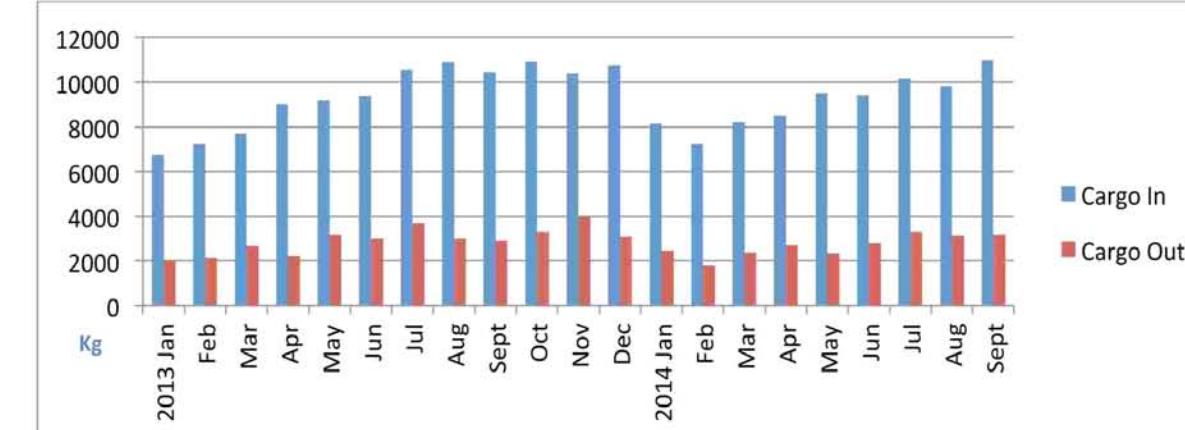
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



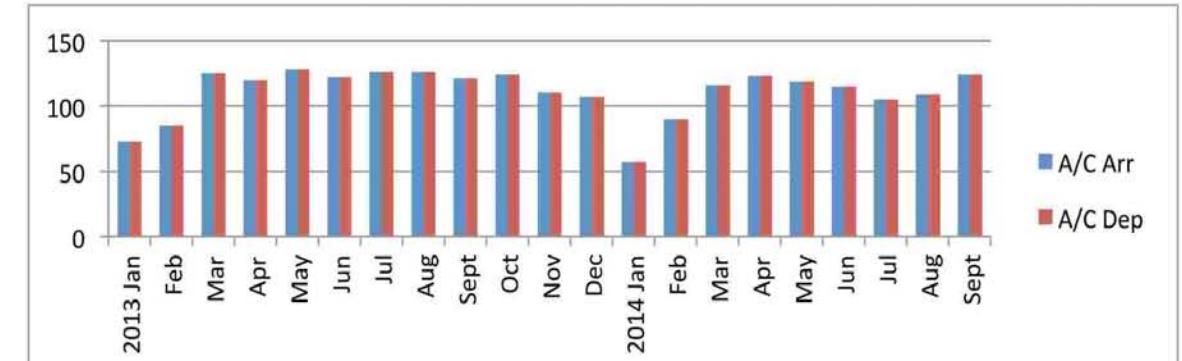
## Janakpur Airport



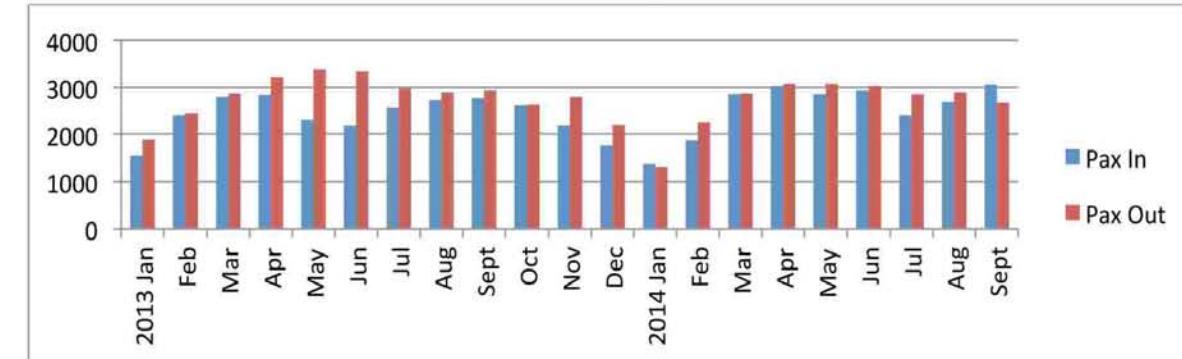
Title	Details
Airports Name	Janakpur Airport
Date of First Service	Oct, 1979
Zone	Janakpur
District	Dhanusha
Aerodrome Reference Point	264239N-0855528E
Designation	09/27
Ref. Temperature	35°C
Location Indicator	VNJP
Elevation	233ft AMSL
Runway Dimension / Surface	1606*30m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, NDB

## Janakpur Airport

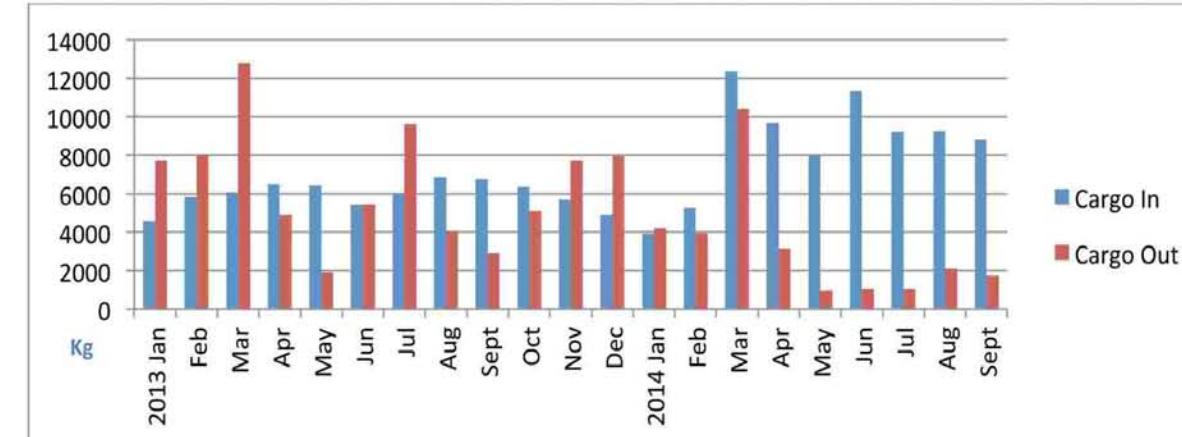
### Flight Movement



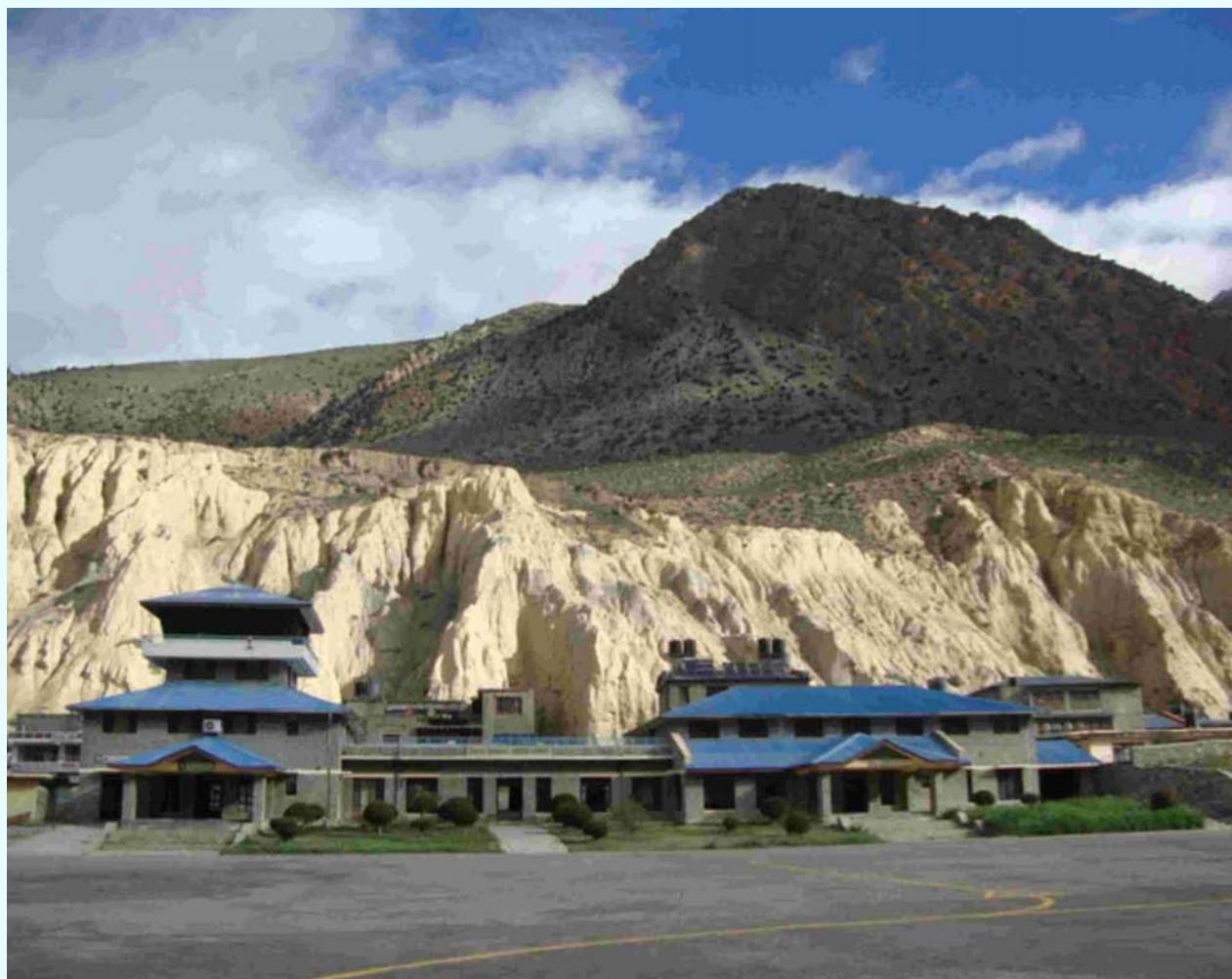
### Passenger Movement



### Cargo Movement



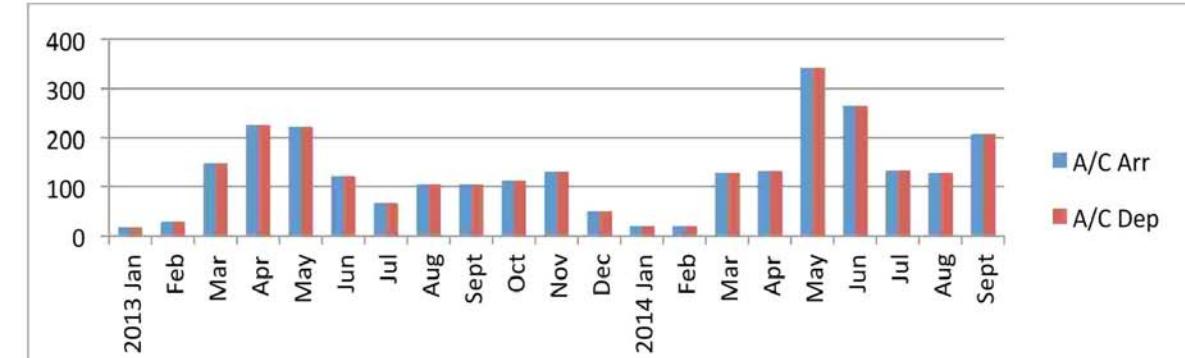
## Jomsom Airport



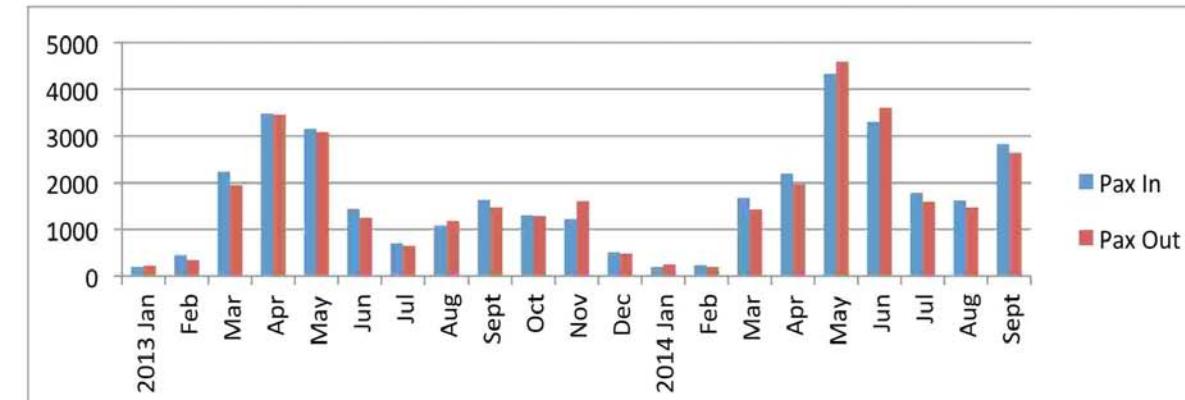
Title	Details
Airports Name	Jomsom Airport
Date of First Service	March, 1976
Zone	Gandaki
District	Mustang
Aerodrome Reference Point	284652N-083432E
Designation	06/24
Location Indicator	VNJS
Elevation	8976ft AMSL
Runway Dimension / Surface	2424*65m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments

### Jomsom Airport

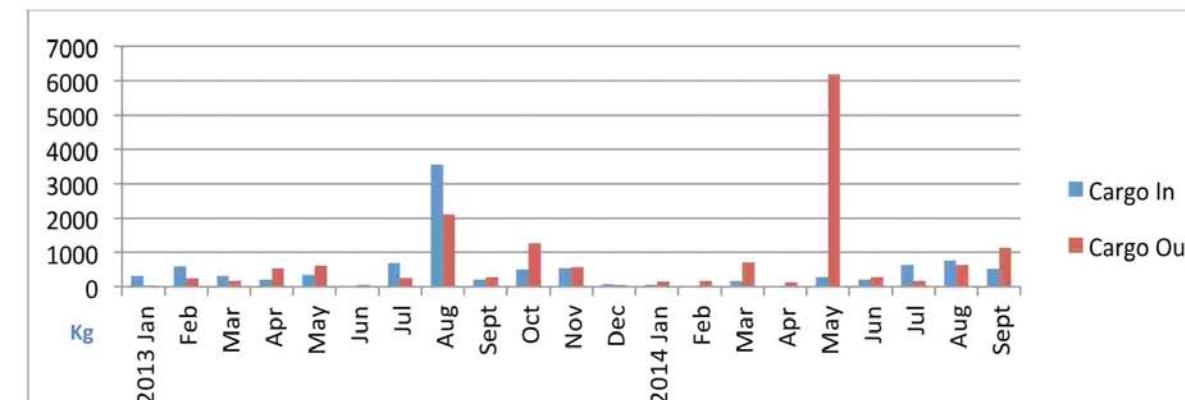
#### Flight Movement



#### Passenger Movement



#### Cargo Movement





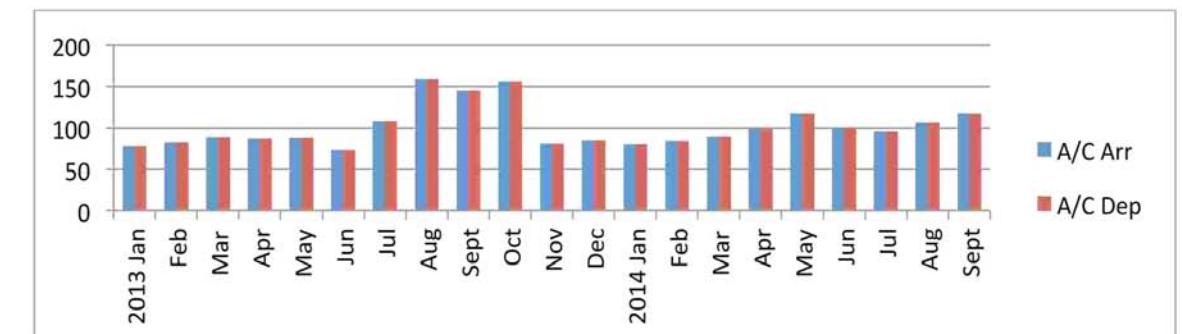
## Jumla Airport



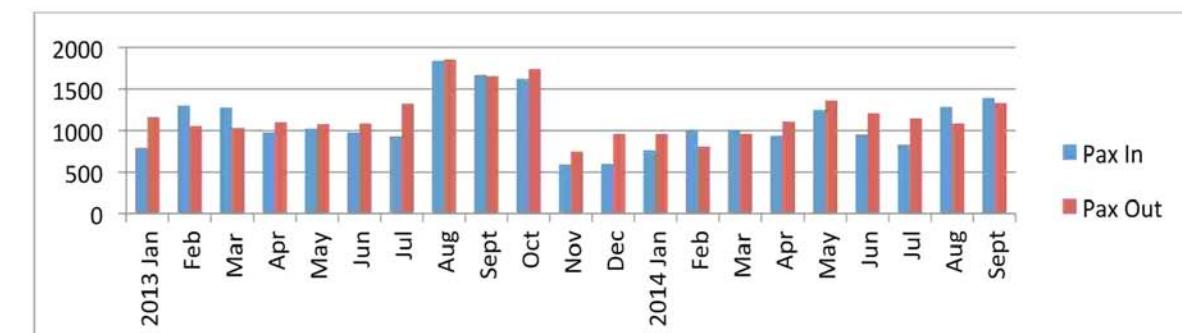
Title	Details
Airports Name	Jumla Airport
Date of First Service	Oct 1, 1972
Zone	Karnali
District	Jumla
Aerodrome Reference Point	291626N-082112E
Designation	09/27
Location Indicator	VNLJ
Elevation	7790ft AMSL
Runway Dimension / Surface	675*20m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, NDB

## Jumla Airport

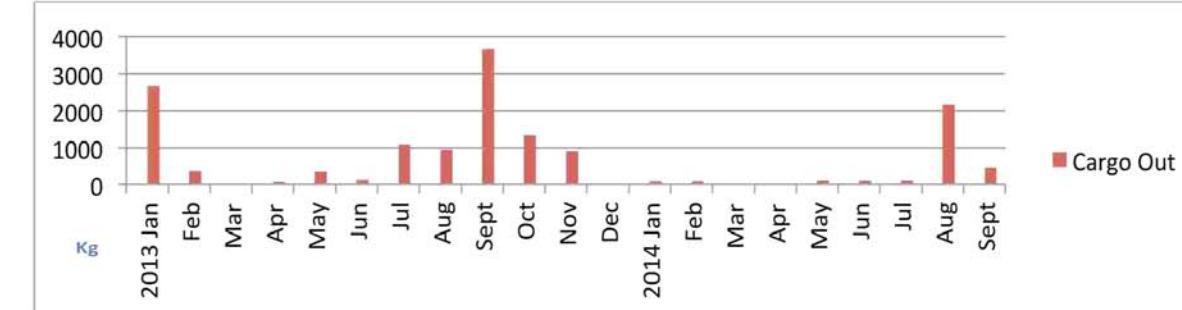
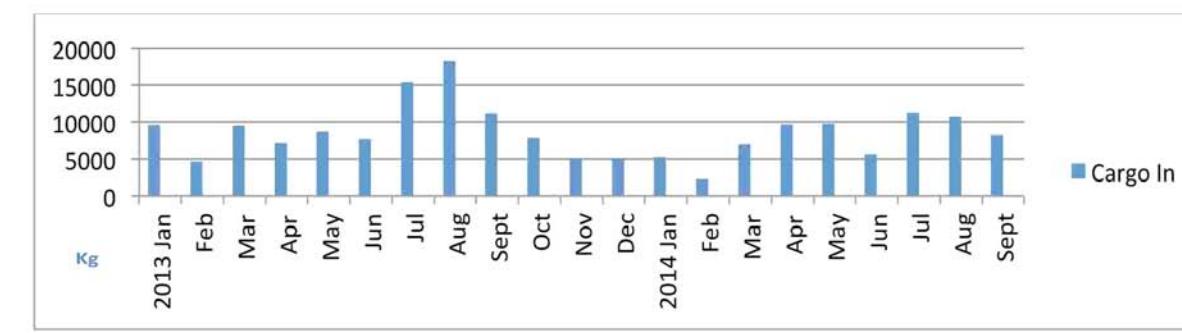
### Flight Movement



### Passenger Movement



### Cargo Movement



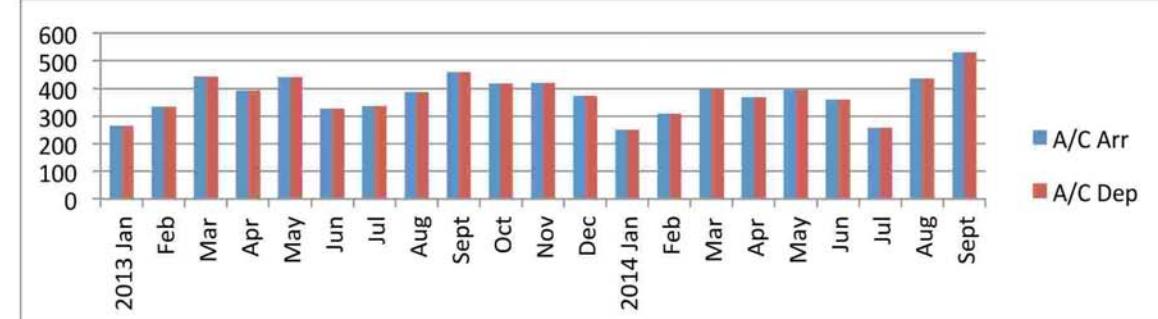
## Nepalgunj Airport



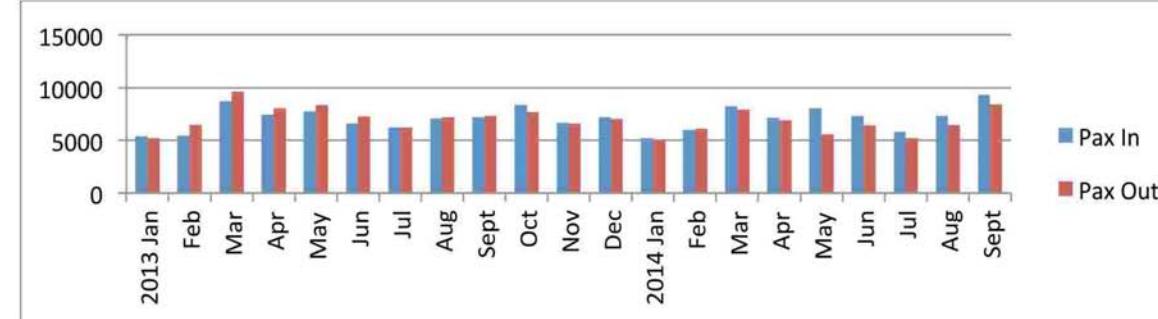
Title	Details
Airports Name	Nepalgunj Airport
Date of First Service	March 15, 1961
Zone	Veri
District	Banke
Aerodrome Reference Point	280606N-0813959E
Designation	08/26
Location Indicator	VNNG
Elevation	518ft AMSL
Runway Dimension / Surface	1505*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME, REMS/RMM, NDB RCMS (REmote Control and Monitoring System), RMM (Remote Monitoring Maintenance)
RFF Category	V(5)

### Nepalgunj Airport

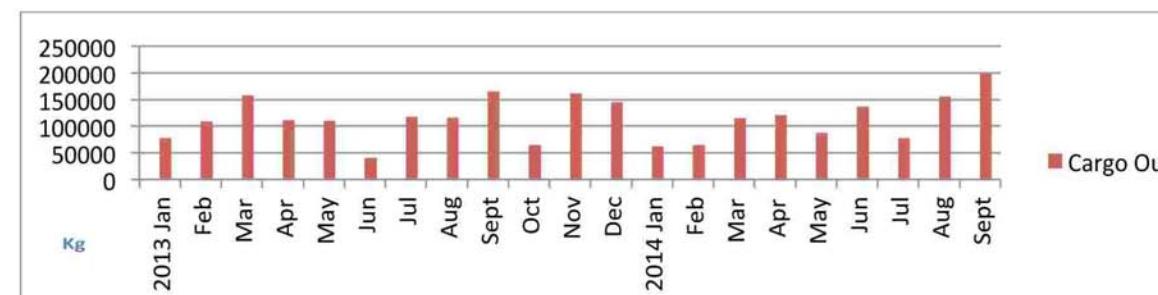
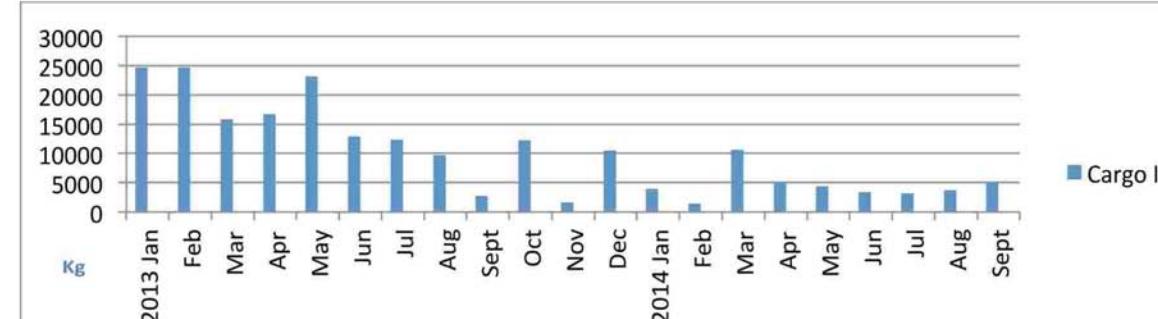
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



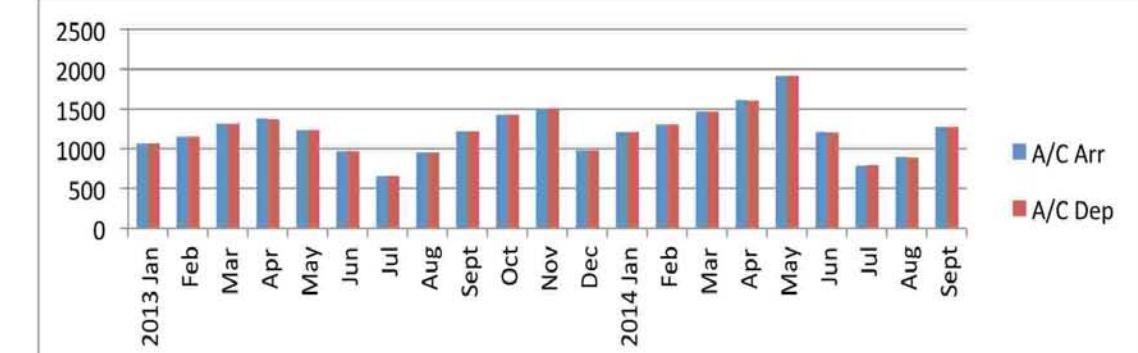
## Pokhara Airport



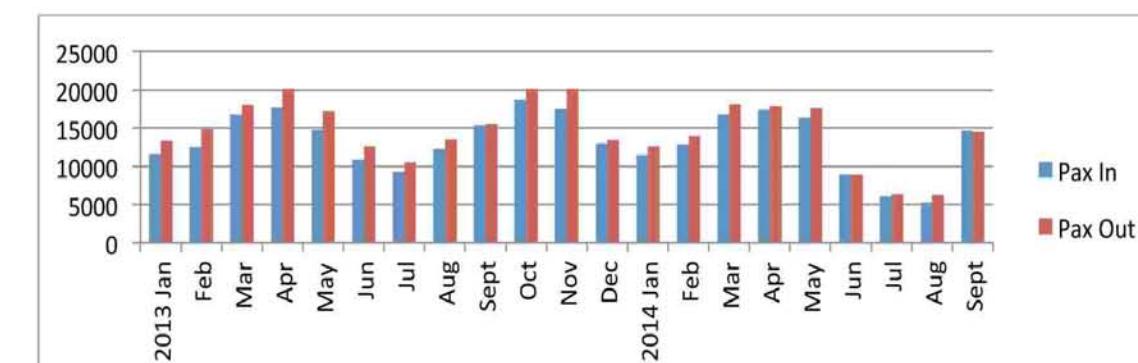
Title	Details
Airports Name	Pokhara Airport
Date of First Service	4 July, 1958
Zone	Gandaki
District	Kaski
Aerodrome Reference Point	281200N-0835854E
Designation	04/22
Ref. Temperature	35°C
Location Indicator	VNPK
Elevation	2696ft AMSL
Runway Dimension / Surface	1444*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME/Radar, RFF, X-ray
RFF Category	V(5)

## Pokhara Airport

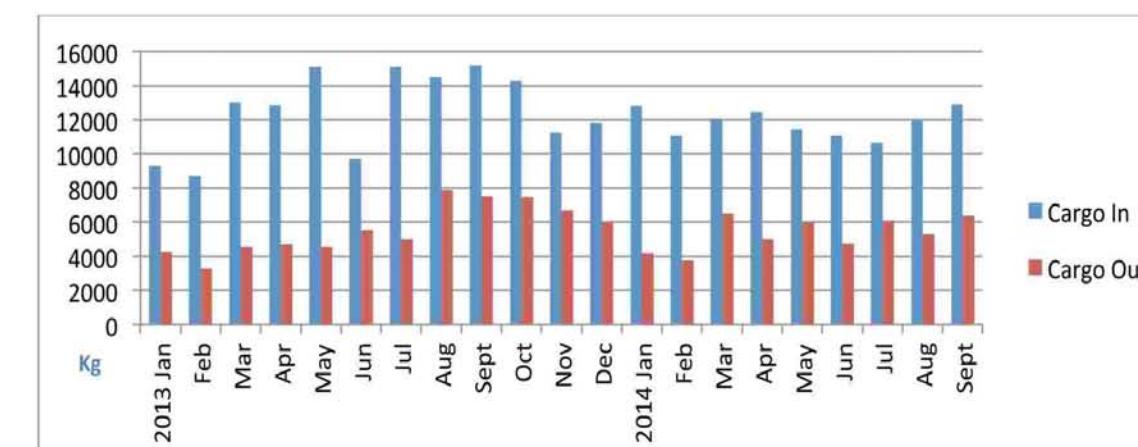
### Flight Movement



### Passenger Movement



### Cargo Movement





## Simara Airport



Title	Details
Airports Name	Simara Airport
Date of First Service	July 4, 1958
Zone	Narayani
District	Bara
Aerodrome Reference Point	270945N-845854E
Designation	01/19
Ref. Temperature	37°C
Location Indicator	VNSI
Elevation	445ft AMSL
Runway Dimension / Surface	1192*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME, REMS/RMM, NDB RCMS (REmote Control and Monitoring System, RMM (Remote Monitoring Maintenance)
RFF Category	V(5)

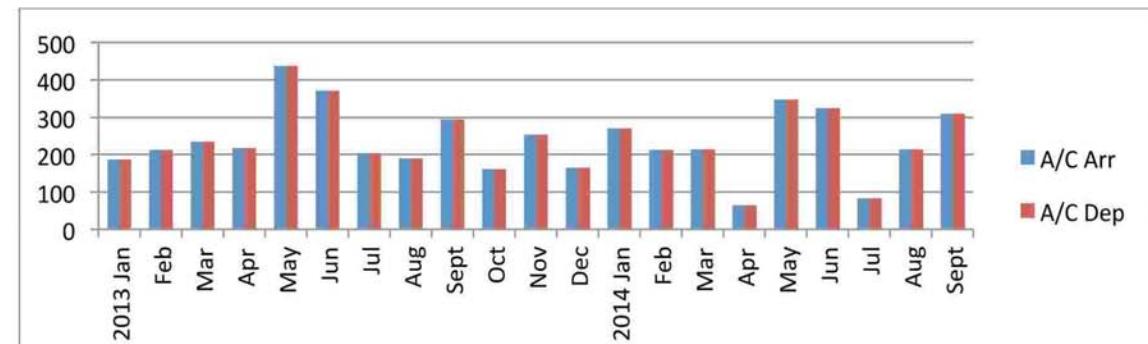
## Simikot Airport



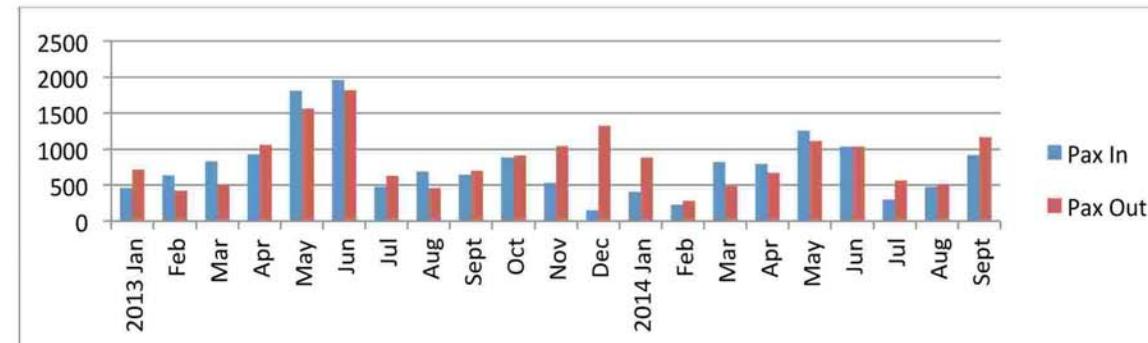
Title	Details
Airports Name	Simkot Airport
Date of First Service	March 18, 1977
Zone	Karnali
District	Humla
Aerodrome Reference Point	295816N-0814908E
Designation	10/28
Location Indicator	VNST
Elevation	9747ft AMSL
Runway Dimension / Surface	650*20m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments

## Simikot Airport

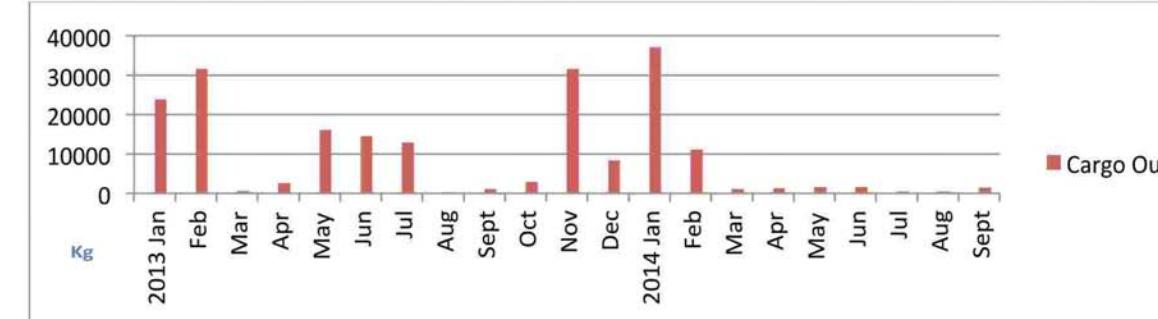
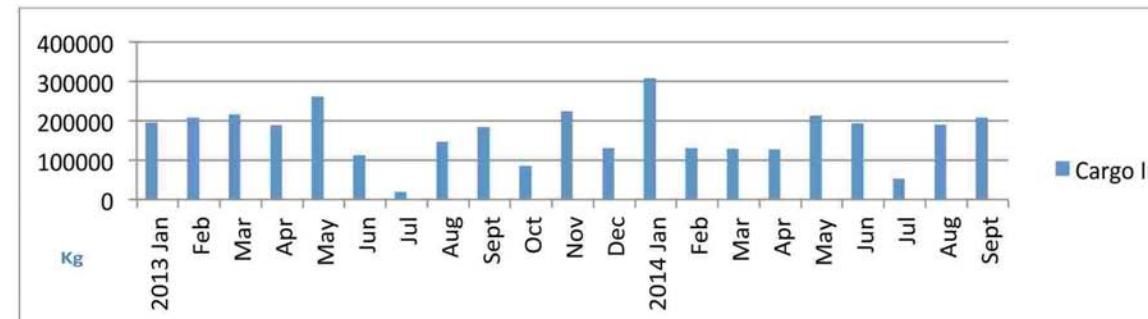
### Flight Movement



### Passenger Movement



### Cargo Movement



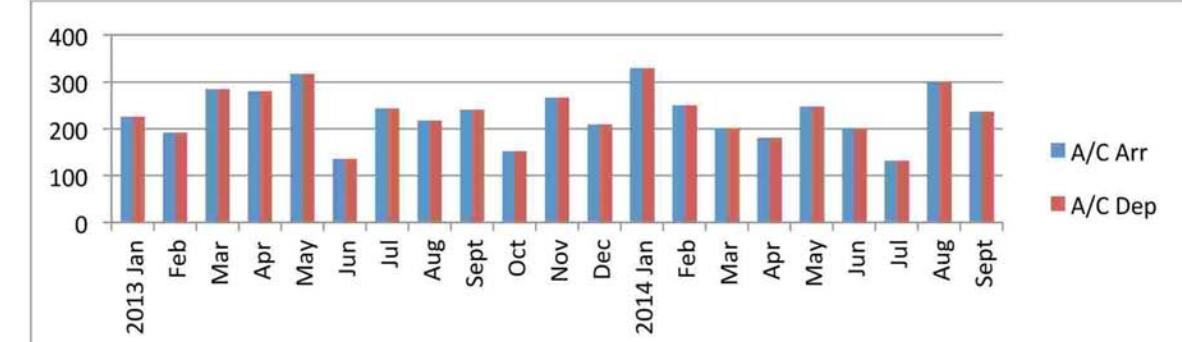
## Surkhet Airport



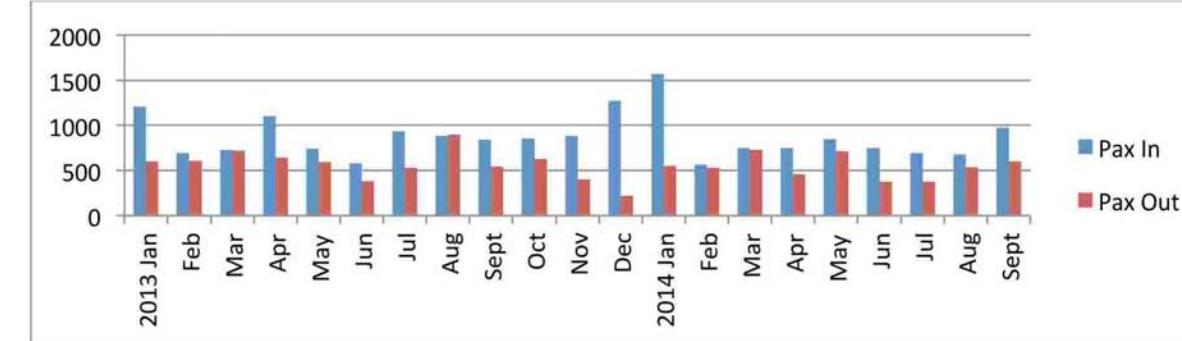
Title	Details
Airports Name	Surkhet Airport
Date of First Service	Oct, 1966
Zone	Veri
District	Surkhet
Aerodrome Reference Point	283509N-0813807E
Designation	02/20
Ref. Temperature	35°C
Location Indicator	VNSK
Elevation	2054ft AMSL
Runway Dimension / Surface	1255*30m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, NDB

## Surkhet Airport

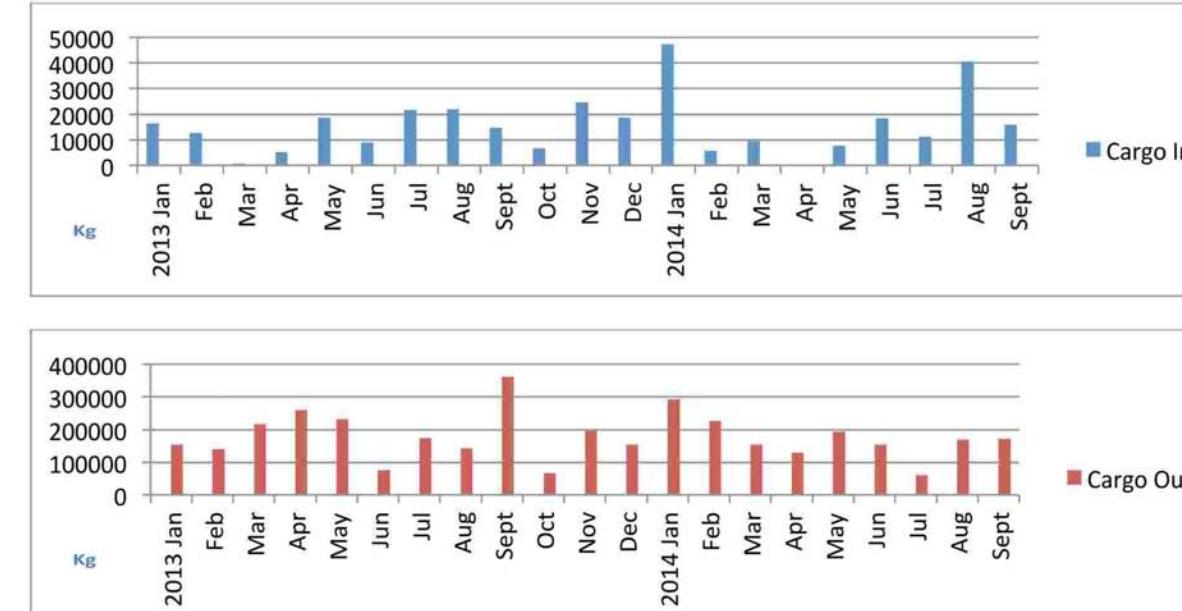
### Flight Movement



### Passenger Movement



### Cargo Movement



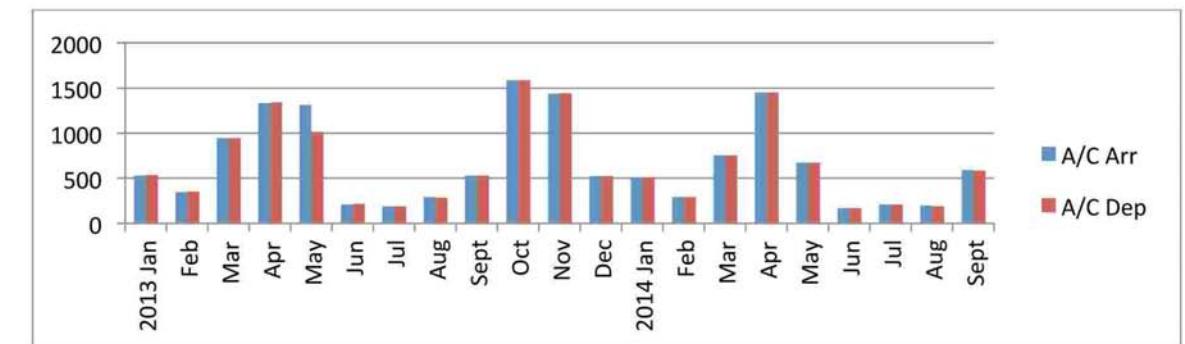
## Tenzing Hillary Airport (Lukla)



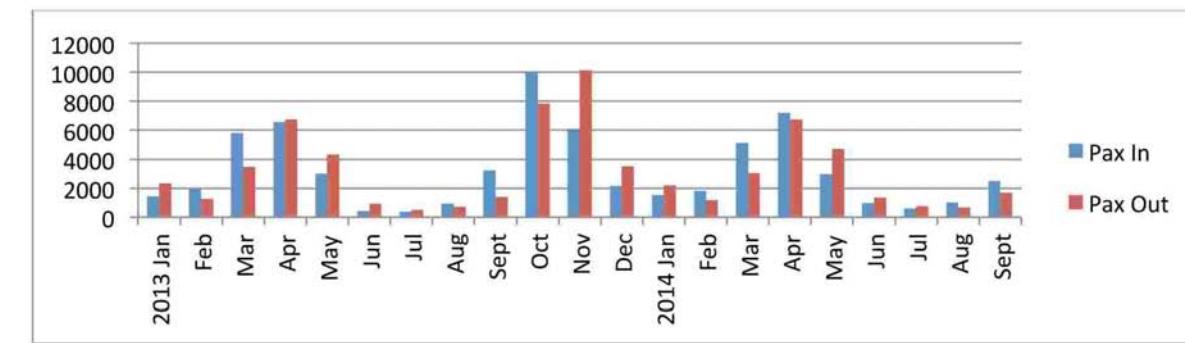
Title	Details
Airports Name	Tenzing Hillary Airport
Date of First Service	Sept, 1971
Zone	Sagarmatha
District	Solukhumbu
Aerodrome Reference Point	274116N-0864353E
Designation	06/24
Location Indicator	VNLK
Elevation	9334ft AMSL
Runway Dimension / Surface	527*20m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments

### Tenzing Hillary Airport(Lukla)

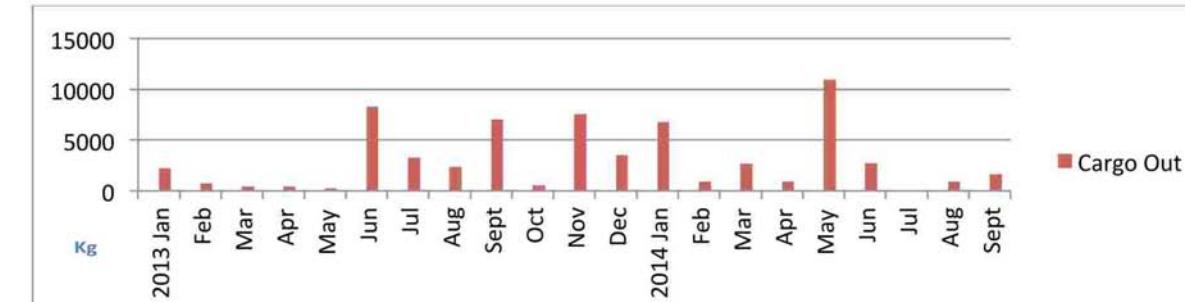
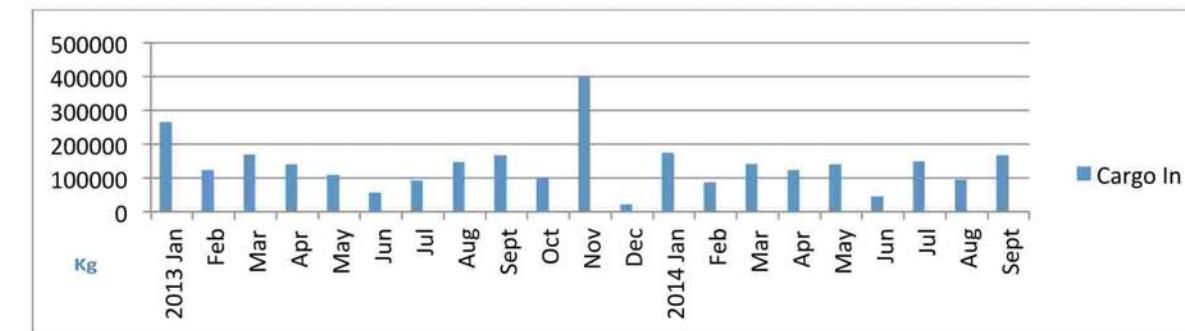
#### Flight Movement



#### Passenger Movement



#### Cargo Movement





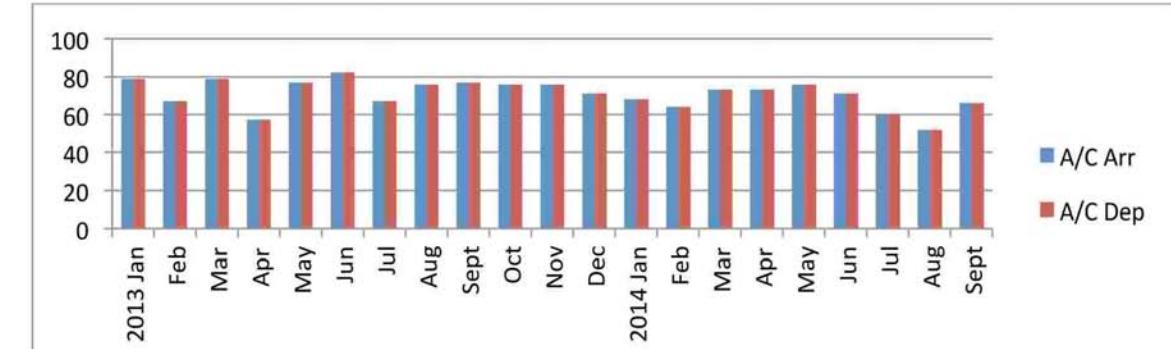
## Tumlingtar Airport



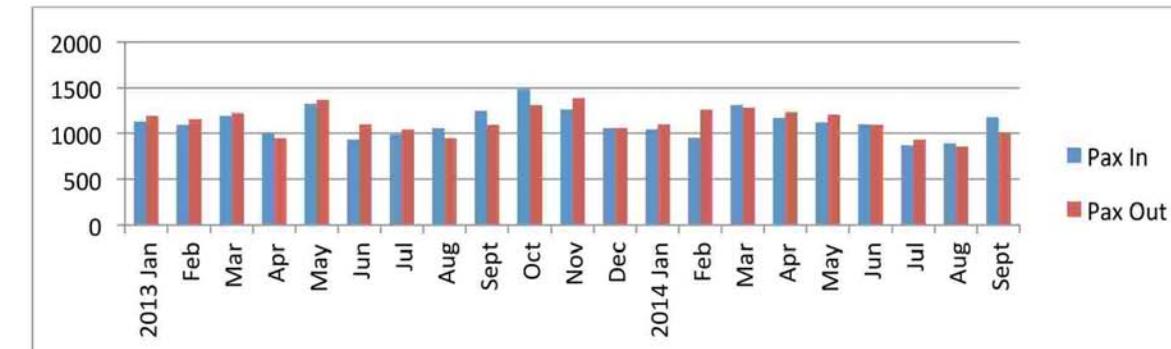
Title	Details
Airports Name	Tumlingtar Airport
Date of First Service	Oct, 1972
Zone	Koshi
District	Sankhuwasava
Aerodrome Reference Point	271902N-0871143E
Designation	16/34
Location Indicator	VNTR
Elevation	1315ft AMSL
Runway Dimension / Surface	1220*30m/Bitumen
Service	AFIS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments

## Tumlingtar Airport

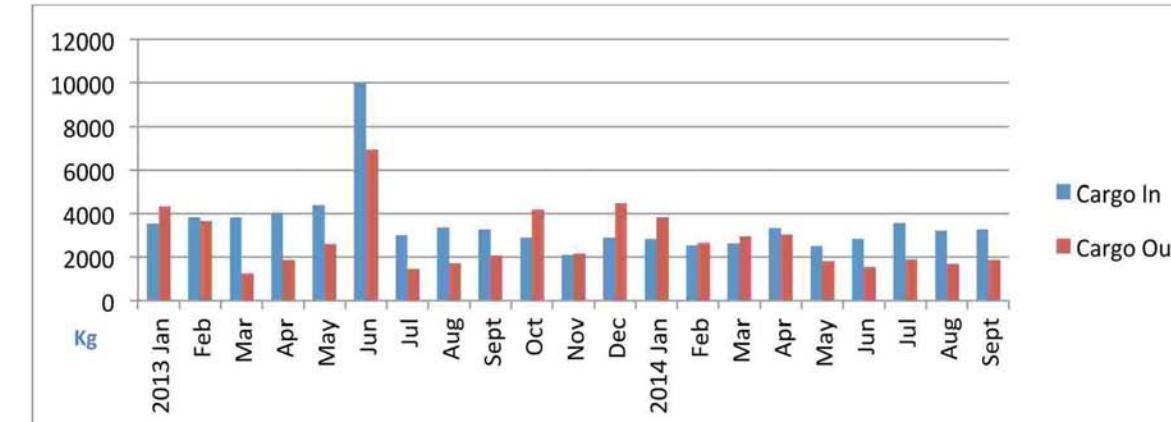
### Flight Movement



### Passenger Movement



### Cargo Movement



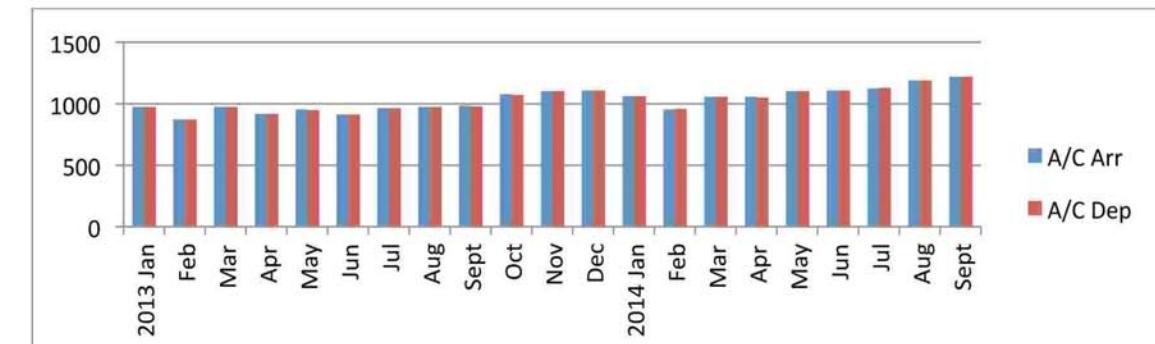
## Tribhuvan International Airport



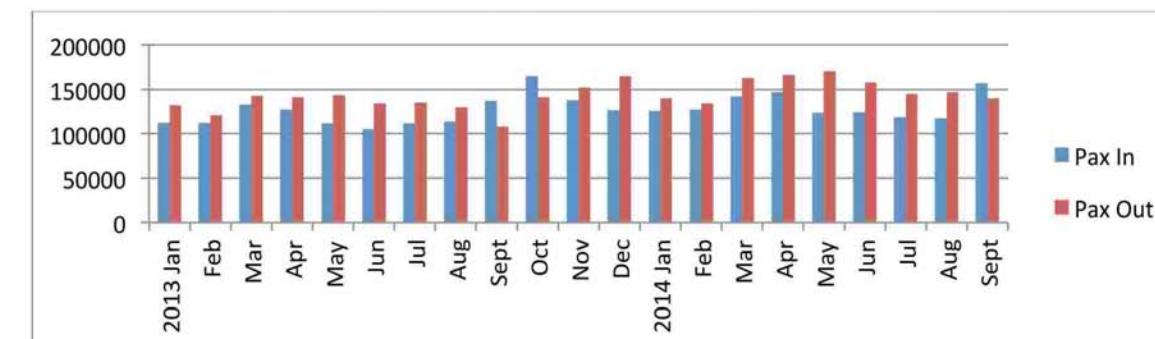
Title	Details
Airports Name	Tribhuvan International Airport
Date of First Service	20 Feb, 1960
Zone	Bagmati
District	Kathmandu
Aerodrome Reference Point	274149.778N-0852128.535E
Designation	02/20
Location Indicator	VNKT
Elevation	4390ft AMSL
Runway Dimension / Surface	3056*46m/Bitumen
Service	ATS
Com. & Nav / Other Facilities	HF, VHF, Meteorological Equipments, VOR/DME/Radar, RFF, X-ray
Rescue and Fire Service	Available Category
RFF Category	IX(9)

### Tribhuvan International Airport(International)

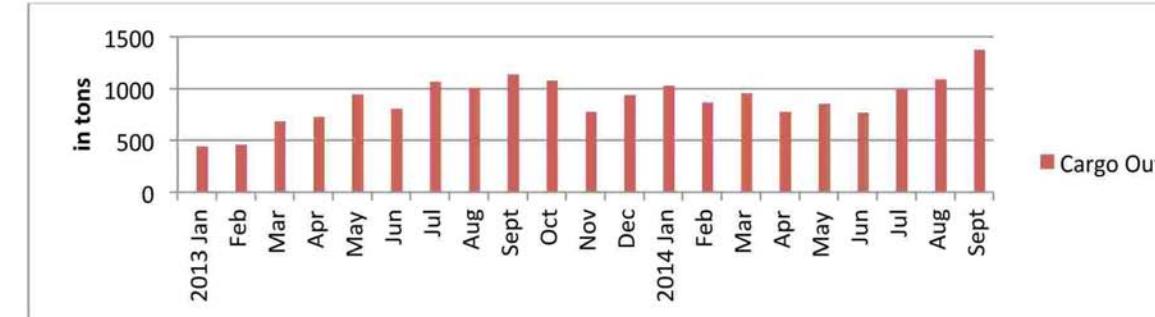
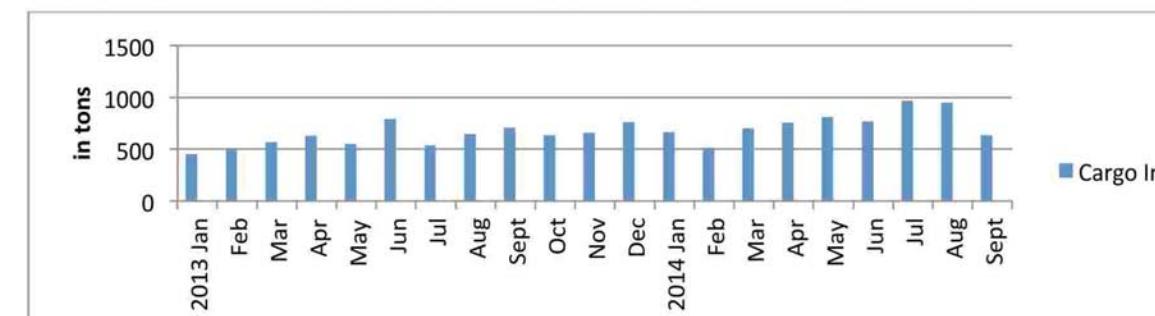
#### Flight Movement



#### Passenger Movement



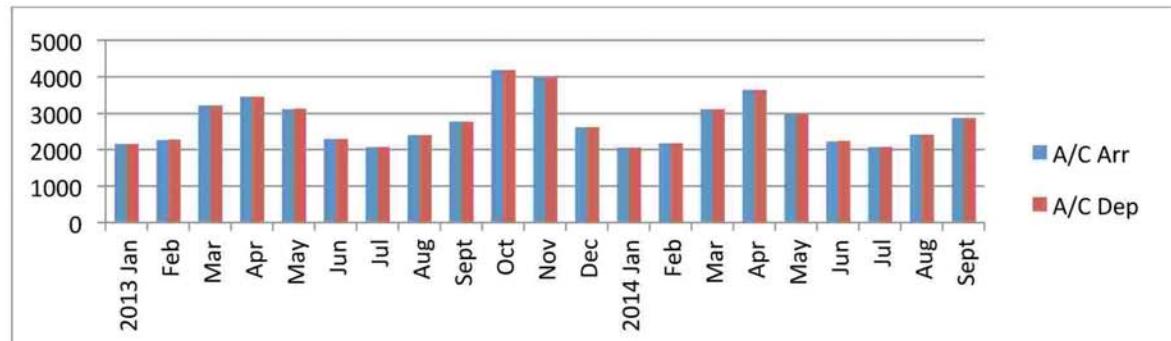
#### Cargo Movement



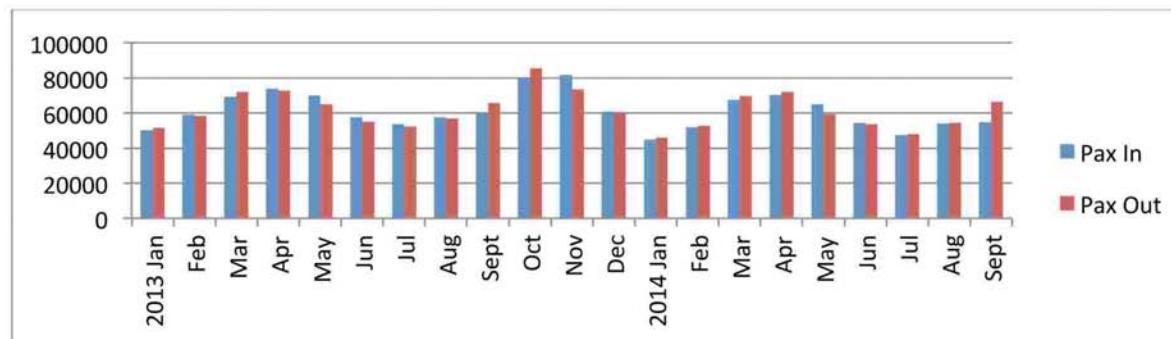


### Tribhuvan International Airport(Domestic)

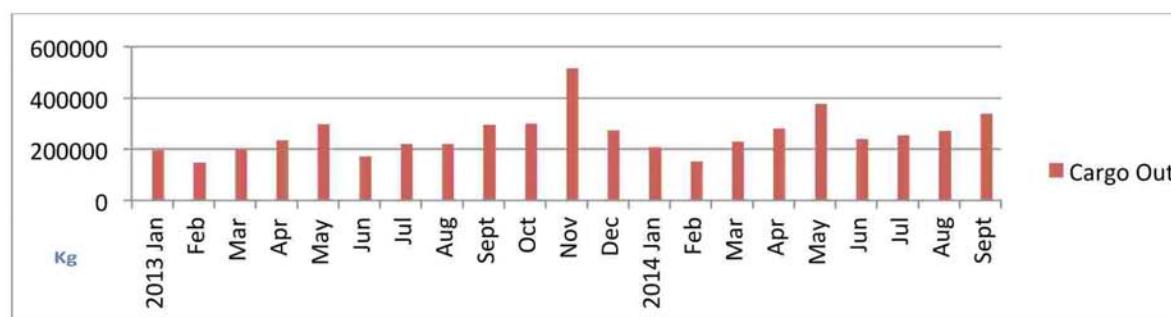
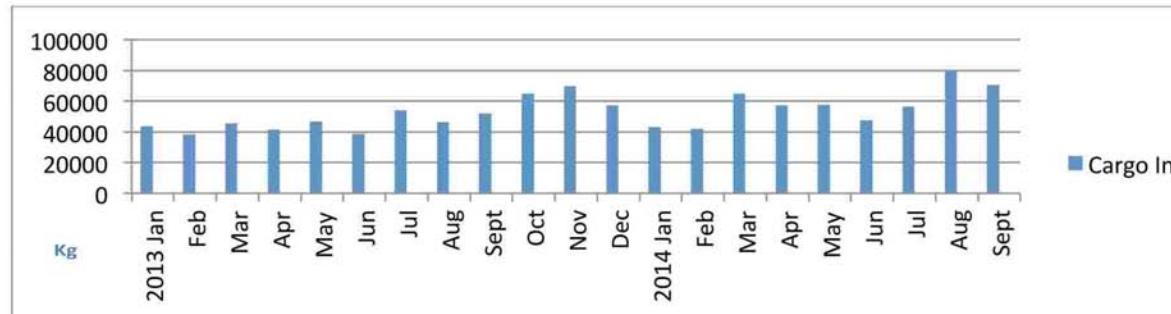
#### Flight Movement



#### Passenger Movement



#### Cargo Movement



### Bajura Airport

Title	Details
Airports name	Bajura Airport
Date of First Service	1 <sup>st</sup> Oct, 1984
Development Region	Far-Western
Zone	Seti
District	Bajura
Aerodrome Reference Point	293013N - 0814006E
Designation	09/27
Location Indicator	VNBR
Elevation	4606 ft AMSL
Runway Dimension/Surface	600*20m/Bitumen
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Bhojpur Airport

Title	Details
Airports name	Bhojpur Airport
Date of First Service	Oct, 1978
Development Region	Eastern
Zone	Koshi
District	Bhojpur
Aerodrome Reference Point	270851N- 0870303E
Designation	17/35
Location Indicator	VNBJ
Elevation	3962 ft AMSL
Runway Dimension/Surface	534*30m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Chaurjhari Airport

Title	Details
Airports name	Chaurjhari Airport
Development Region	Mid-Westen
Zone	Rapti
District	Rukum
Aerodrome Reference Point	283738N- 0821136E
Designation	03/21
Location Indicator	VNCJ
Elevation	2430 ft AMSL
Runway Dimension/Surface	487*30m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Dolpa(Juphal) Airport

Title	Details
Airports name	Dolpa(Juphal) Airport
Date of First Service	1975 AD
Development Region	Mid-Westen
Zone	Karnali
District	Dolpa
Aerodrome Reference Point	285909N- 824909E
Designation	15/33
Location Indicator	VNDP
Elevation	8209 ft AMSL
Runway Dimension/Surface	560*20m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Kangeldanda Airport

Title	Details
Airports name	Kangeldanda Airport
Date of First Service	2060 B.S.
Development Region	Eastern
Zone	Sagarmatha
District	Solukhumbu
Aerodrome Reference Point	272500N- 086381E
Designation	11/29
Location Indicator	VNLK
Elevation	6880 ft AMSL
Runway Dimension/Surface	520*26m/Grass
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Khanidanda Airport

Title	Details
Airports name	Khanidanda Airport
Development Region	Eastern
Zone	Sagarmatha
District	Khotang
Aerodrome Reference Point	271051N- 0864611E
Designation	08/26
Location Indicator	VNKD
Elevation	4435 ft AMSL
Runway Dimension/Surface	510*27m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments



### Lamidanda Airport

Title	Details
Airports name	Lamidanda Airport
Date of First Service	1 <sup>st</sup> Oct, 1972
Development Region	Eastern
Zone	Sagarmatha
District	Khotang
Aerodrome Reference Point	271511N- 0864012E
Designation	08/26
Location Indicator	VNL
Elevation	4024 ft AMSL
Runway Dimension/Surface	516*30m/Grass
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Manang Airport

Title	Details
Airports name	Manang Airport
Date of First Service	28 Feb, 1978
Development Region	Western
Zone	Gandaki
District	Manang
Aerodrome Reference Point	283829N- 0840521E
Designation	11/29
Location Indicator	VNMA
Elevation	11089 ft AMSL
Runway Dimension/Surface	650*20m/Bitumen
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Phaplu Airport

Title	Details
Airports name	Phaplu Airport
Date of First Service	1976 AD
Development Region	Eastern
Zone	Sagarmatha
District	Solukhumbu
Aerodrome Reference Point	273053N- 0863510E
Designation	02/20
Location Indicator	VNPL
Elevation	8097 ft AMSL
Runway Dimension/Surface	680*20m/Bitumen
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Masinechaur Airport

Title	Details
Airports name	Masinechaur Airport
Zone	Karnali
District	Dolpa
Elevation	8137ft
Runway Dimension/Surface	Grass
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Rara Airport

Title	Details
Airports name	Rara Airport
Date of First Service	16 Apr, 2003 AD
Development Region	Mid-Western
Zone	Karnali
District	Mugu
Aerodrome Reference Point	293100N- 0820900E
Designation	18/36
Location Indicator	VNRR
Elevation	8924 ft AMSL
Runway Dimension/Surface	555*30m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Ramechhap Airport

Title	Details
Airports name	Ramechhap Airport
Date of First Service	Oct, 1979
Development Region	Central
Zone	Janakpur
District	Ramechhap
Aerodrome Reference Point	272338N- 0860341E
Designation	03/21
Location Indicator	VNRC
Elevation	1612 ft AMSL
Runway Dimension/Surface	518*30m/Under Bitumen Process
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Rumjatar Airport

Title	Details
Airports name	Rumjatar Airport
Date of First Service	Sept, 1972
Development Region	Eastern
Zone	Sagarmatha
District	Okhaldhunga
Aerodrome Reference Point	271813N- 0863302E
Designation	17/35
Location Indicator	VNRT
Elevation	4500 ft AMSL
Runway Dimension/Surface	549*30m/Bitumen
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Thamkharka Airport

Title	Details
Airports name	Thamkharka Airport
Development Region	Eastern
Zone	Koshi
District	Khotang
Aerodrome Reference Point	270245N- 0865115E
Designation	36/18
Location Indicator	VNTH
Elevation	5200 ft AMSL
Runway Dimension/Surface	560*30m/Grass
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Salley Airport

Title	Details
Airports name	Salley Airport
Development Region	Mid-Western
Zone	Rapti
District	Rukum
Aerodrome Reference Point	283814N- 0822658E
Designation	16/34
Location Indicator	VNSL
Elevation	5184 ft AMSL
Runway Dimension/Surface	535*20m/Grass
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments

### Taplejung Airport

Title	Details
Airports name	Taplejung Airport
Date of First Service	Oct, 1976
Development Region	Eastern
Zone	Mechi
District	Taplejung
Aerodrome Reference Point	272103N- 0874145E
Designation	07/25
Location Indicator	VNTJ
Elevation	7936 ft AMSL
Runway Dimension/Surface	900*30m/Clay
Services	AFIS
Com. & Nav/Other Facilities	HF, VHF, Meteorological Equipments



## Airports not in Operation

S.No	AFIS AERODROMES (location Indicator)	Date of Service Start	Zone	Designation	District	Elevation Ft (m)	Dimension Ft (m)	Surface	Aerodrome Reference Point
1.	Baitadi (VNBT)	27th Feb, 1978	Mahakali	03/21	Baitadi	4126 ft (1258) m	1640 * 100 ft (500 * 30) m	Grass	292755N- 0803257E
2.	Bajhang (VNBG)	Oct, 1976	Seti	07/25	Bajhang	4114 ft	654*30 ft	Grass	293220N- 0811107E
3.	Bajura (VNBR)	1st Oct, 1984	Seti	09/27	Bajura	4606 ft (1404) m	1968 x 65 ft (600 x 20) m	Grass	293013N - 0814006E
4.	Baglung (Balewa)(VNBL)	24th Sept, 1973	Dhawalagiri	01/19	Baglung	3248 ft 990 m.	1994*100 ft (608 x 30) m	Grass	281246N- 0833959E
5.	Dang (VNDG)	15th March, 1961	Rapti	16/34	Dang	2079 ft (634) m.	3798x150 ft (1158 x 46) m	Grass	280644N- 0821733 E
6.	Darchula (VNDL)	26th Jan, 1986	Mahakali	07/25	Darchula	2218 ft (676) m.	1935x100 ft (590 x 30) m	Grass	294009N- 0803254E
7.	Dhorpatan (VNDR)		Dhawalagiri	09/27	Baglung	8950 ft (2728) m.	1197*100 ft (365 x 30) m	Grass	283100N- 0830200E
8.	Doti (VNĐT)	24th sept, 1973	Seti	14/32	Doti	1892 ft (577) m.	1400*100 ft (427x 30) m	Grass	291547N- 0805610E
9.	Jiri (VNJI)	Oct, 1976	Janakpur	17/35	Dolakha	6061 ft (1848) m	1197x59 ft (365 x 18) m	Grass	273733N- 0861350E
10.	Kamalbazar		Seti		Achham		550mx30m	Grass	
11.	Langtang (VNLT)		Bagmati	09/27	Rasuwa	11998ft (3658)m	1378x100ft (420x30)m	Grass	281200N- 0853600E
12.	Mahendranagar (VNMN)	30 Dec, 1973	Mahakali	17/35	Kanchanpur	708ft (216)m	2900x100ft	Grass	285748N- 0800953E
13.	Meghuli (VNMG)	1966 A.D.	Narayani	08/26	Chitwan	498ft (152m)	3500x150 ft (1067x46) m	Grass	273438N- 0841342E
14.	Rajbiraj (VNRB)	20 Feb, 1960	Sagarmatha	11/29	Saptari	242ft (74m)	5576x100 ft (1700x30)m	Grass	263038N- 0864418E
15.	Rolpa (VNRP)	15 March, 1961	Rapti	06/24	Rolpa	4088 ft (1250)m	1499x100 ft (457x30)m	Grass	281659N- 0824659E
16.	Sanfe Bagar (VNSR)	1974 A.D.	Seti	03/21	Achham	5219 ft (596)m	1696x100 ft (517x30)m	Grass	291410N- 0811256E
17.	Sangboche (VNSB)		Sagarmatha	13/31	Solukhumbu	12256 ft (3748)m	1328x100 ft (405x30)m	Grass	274837N- 0864243E
18.	Tikapur (VNTP)	11th oct, 1984	Seti	05/23	Kailali	515 ft (157)m	1800x100 ft (573x30)m	Grass	283120N- 0810720E

# Statistics



## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL AIRLINES AND TYPE OF AIRCRAFT

S.N	INTERNATIONAL AIRLINES	DESIGNATOR		TYPE OF AIRCRAFT	SEAT CAPACITY
		IATA Code	ICAO Code		
1	AIR ARABIA	G9	ABY	A320	168
2	AIR ASIA	D7	XAX	A330	377
3	AIR CHINA	CA	CCA	A319	128
4	AIR INDIA	AI	AIC	A320 /A319/A321	145/122/172
5	BIMAN BANGLADESH AIRLINES	BG	BBC	A310/B737	221/162
6	BHUTAN AIRLINES	B3	BTN	A319	122
7	BUDDHA AIR	U4	BHA	ATR42/72	47/70
8	CHINA EASTERN AIRLINES	MU	CES	B737	132
9	CHINA SOUTHERN AIRLINES	CZ	CSN	A319	122
10	DRAGON AIR	KA	HDA	A330	300
11	DUBAI AVIATION (FLY DUBAI)	FZ	FDB	B738	189
12	ETIHAD AIRWAYS	EY	ETD	A330/A320	262/136
13	INTERGLOBE AVIATION (INDIGO)	6E	IGO	A320	180
14	JET AIRWAYS	9W	JAI	B737	170
15	KOREAN AIR	KE	KAL	B777	261
16	MALAYSIA AIRLINES	MH	MAS	B737	160
17	NEPAL AIRLINES	RA	RNA	B752	190
18	OMAN AIR	WY	OMA	B738	154
19	QATAR AIRLINES	QR	QTR	A330/A321/A320/A319	305/182/144/110
20	ROYAL BHUTAN AIRLINES (DRUK AIR)	KB	DRK	A319/ ATR42	114/48
21	SILK AIR	MI	SLK	A320	150
22	SPICEJET AIRLINES	SG	SEJ	B738	212
23	THAI AIRWAYS INTERNATIONAL	TG	THA	B777	309
24	TURKISH AIRLINES INC	TK	THY	A330	289
25	UNITED AIRWAYS	BD	UBD	ATR72/MD83	66/170

## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC AIRLINES AND TYPE OF AIRCRAFT

S.N	DOMESTIC AIRLINES	DESIGNATOR		TYPE OF AIRCRAFT
		2 LETTERS	3 LETTERS	
1	AIR DYNASTY	AD		AS350
2	AIR KASTHAMANDAP	AK		P750
3	BUDDHA AIR	U4	BHA	B190,ATR42,ATR72
4	FISHTAIL AIR	FA		AS350, B206
5	GOMA AIR	GA		C208, L410
6	MOUNTAIN HELICOPTER	MH		AS350
7	MAKALU AIR	MK		C208
8	MANAG AIR	MA		AS350
9	MUKTINATH AIRLINES	MU		R44
10	NEPAL AIRLINES	RA	NAC	MA60, DHC6, Y12E
11	NSBS (Mid Air Base)	-	RAN	HS74, BN2T, AN28 & Helicopters
12	SAURYA AIRLINES	S1		CRJ200
13	SHREE AIR	SH		MI7, AS350
14	SIMRIK AIR	SM		AS350
15	SIMRIK AIRLINES Pvt.Ltd	-	RMK	B190/D228
16	SITA AIR	ST		D228
17	YETI AIRLINES	YA	NYT	JS41
18	TARA AIR	TA		D228, DHC6
19	VVIP			AS32, B206



## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC AIRLINES AND AIRCRAFT REGISTRATION WITH TYPE

TARA AIR (TA)	BUDDHA AIR (BA)	NEPAL AIRLINES (RA)	YETI AIRLINES(YA)	SHREE AIR (SH)	MUKTINATH AIRLINES(MU)
1. 9N-AET - DHC6	1. 9N-AEE - B190	1. 9N-ABT - DHC6	1. 9N-AHU - JS41	1. 9N-ADD - MI-17	1. 9N-AJW - R44
2. 9N-AEV - DHC6	2. 9N-AEW - B190	2. 9N-ABU - DHC6	2. 9N-AHV - JS41	2. 9N-ADL - MI-17	
3. 9N-AFA - DHC6	3. 9N-AGH - B190 [E]	3. 9N-ABX - DHC6 [I]	3. 9N-AHW - JS41	3. 9N-AJA - MI-17(I)	AIR
KASTHAMANDAP(AK)					
4. 9N-ABM - DHC6	4. 9N-AIM - ATR42	4. 9N-AKQ - MA60	4. 9N-AHY - JS41	4. 9N-ADK - MI-17	1. 9N-AJF - P750
5. 9N-AKE - D228	5. 9N-AIN - ATR42	5. 9N-AKS - Y12E	5. 9N-AIB - JS41	5. 9N-AKP - AS350	2. 9N-AJB - P750
6. 9N-AKK - D228	6. 9N-AIT - ATR42	6. 9N-ACA - B757	6. 9N-AIH - JS41	6. 9N-AKG - AS350	
7. 9N-AKM - DHC6(I)	7. 9N-AJO - ATR72	7. 9N-ACB - B757	7. 9N-AJC - JS41	7. 9N-ALF - AS350	SAURYA AIRLINES(S1)
					1. 9N-ALE - CRJ200
					8. 9N-AJS - ATR72
					9. 9N-AJX - ATR72
SITA AIR (ST) (MH)	SIMRIK AIRLINES(RMK)	GOMA AIR (GA)	FISHTAIL AIR (FA)	SIMRIK AIR (SM)	MOUNTAIN HELICOPTER
1. 9N-AHB - D228	1. 9N-AGI - B190	1. 9N-AJT - C208	1. 9N-AII - B206	1. 9N-AJZ - AS350	1. 9N-AKB - AS350
2. 9N-AHR - D228	2. 9N-AGL - B190	2. 9N-AJU - C208	2. 9N-AJI - AS350	2. 9N-AKF - AS350	2. 9N-AJJ - AS350
	3. 9N-AIE - D228	3. 9N-AKY - L410	3. 9N-AKA - AS350		3. 9N-AJP - AS350
VVIP FLIGHTS	AIR DYNASTY (AD)	MAKALU ( MK )	AVIA CLUB	MANAG AIR (MA)	Note:
1. 9N-RAG - AS32	1. 9N-AFQ - AS350	1. 9N-AJG - C208	1. 9N-AIL - A22L	1. 9N-ALC - AS350	I = C of A Invalid
2. 9N-RAJ - AS32	2. 9N-AGU - AS350	2. 9N-AKC - C208	2. 9N-ADU - Biman 1	2. 9N-ALD - AS350	E = C of A Expired
3. 9N-RAI - B06 (I)	3. 9N-AJD - AS350		3. 9N-ADV - Biman 1	S = Suspended	
4. 9N-RAL - B06			4. 9N-AHC - C582		

Source : Flight Safety Standard Department, CAAN  
Up dated on : - 23/12/2014 GEX

5. 9N-ALB - A221

## TRIBHUVAN INTERNATIONAL AIRPORT 15 YEARS INTERNATIONAL MOVEMENT DATA

YEAR	AIRCRAFT MOVEMENT			PASSENGER MOVEMENT			FREIGHT (KGS)			MAIL (KGS)		
	DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
1999	4210	4216	8426	563365	536966	1100331	8752529	6299554	15052083	115533	207173	3222706
2000	4052	4053	8105	550684	510639	1061343	10454700	6546572	17001272	144608	228127	372735
2001	3997	3997	7994	528938	449010	977948	8385876	5179600	13565476	142197	235347	377544
2002	3443	3441	6884	471004	380914	851918	8011687	4673793	12685480	149801	266977	416778
2003	3754	3754	7508	533240	466861	1000101	10199800	5385321	15585121	149109	270181	419290
2004	4534	4528	9062	603461	537199	1140660	7066898	5734758	12801656	185563	177225	362788
2005	5840	5835	11675	682317	569645	1251962	7614428	5536693	13151121	124817	346763	471580
2006	5530	5527	11057	751565	631476	1383041	8012112	5098707	13110819	119432	259973	379405
2007	5950	5949	11899	874907	752146	1627053	8111833	5772033	13883866	118559	129788	248347
2008	7136	7140	14276	990539	840091	1830630	7568147	6317999	13886146	115184	148496	263680
2009	7846	7855	15701	1042554	984553	2027147	7922187	7426850	15349037	138862	262246	400908
2010	9707	9710	19417	1288628	1147930	2436558	6922332	7099925	14022257	1079332	343220.1	451153.3
2011	11394	11398	22792	1407512	1292515	270027	6249393.1	7236904.8	13486297.9	73846.7	126113.6	199960.3
2012	11659	11661	23320	1546292	1378825	2925117	7799552	6430862.8	14230414.8	90615.3	147309	237924.3
2013	11807	11812	23619	1647235	1493067	3140302	10056350	7442433	17498786	106800	175782	282582
<b>TOTAL</b>	<b>100859</b>	<b>100876</b>	<b>201735</b>	<b>13482241</b>	<b>11971897</b>	<b>25454138</b>	<b>123127824.1</b>	<b>92182005.6</b>	<b>215309832.7</b>	<b>1882660.2</b>	<b>3324720.7</b>	<b>5207380.9</b>



## TRIBHUVAN INTERNATIONAL AIRPORT 15 YEARS DOMESTIC MOVEMENT

YEAR	AIRCRAFT MOVEMENT		PASSENGER MOVEMENT			FREIGHT (KGS)			MAIL (KGS)			
	DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
1999	29099	29045	58144	451276	442052	893328	525050	97391	622441	6071	4043	10114
2000	28007	27991	55998	426746	426260	853006	2288520	191618	2480138	10678	3069	13747
2001	27579	27586	55165	435822	435896	871818	1746755	165306	1912101	9771	2497	12268
2002	23972	23969	47941	377152	371239	748391	2557515	155787	2713302	7927	2214	10141
2003	26570	26570	53140	386544	361437	747981	2942298	179514	3121812	11313	2580	13893
2004	33364	33107	66471	420748	455442	876190	1790197	526871	2317068	425	4394	4819
2005	34342	34362	68704	584678	526245	1110923	2638007	336251	2974258	4276	3132	7408
2006	30651	30640	61291	456450	426267	882717	3081483	221614	3303097	4152	1630	5782
2007	32730	32713	65443	472624	443805	916429	3573551	350372	3923923	334	2135	2469
2008	34655	34631	69286	533129	503457	1036586	4185271	618262	4803533	325	562	887
2009	38112	38079	76191	706325	671543	1377868	3799561	584914	4384475	0	2792	2792
2010	39963	39937	79900	780276	774425	1554701	3077210	615882	3693092	0	700	700
2011	39634	39626	79260	786853	796992	1583845	36998234	701164	4399398	0	391	391
2012	35444	35433	70877	788365	786694	1575059	2828828	586543	3415371	0	92	92
2013	34544	34532	69076	769100	773504	1542604	3073045	598925	3671970	0	288	288
<b>TOTAL</b>	<b>477680</b>	<b>477234</b>	<b>913559</b>	<b>7673487</b>	<b>7476688</b>	<b>15150175</b>	<b>39070942</b>	<b>5402145</b>	<b>44473087</b>	<b>55272</b>	<b>30342</b>	<b>85610</b>

## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL FLIGHT MOVEMENT DATA YEAR 2013

MONTH	MOV	ABY	AIA	BAB	BBC	BHA	CCA	CES	CSN	DRK	ETD	FDB	GFA	HDA	I GO	JAI	KAL	MAS	NAC	OMA	PIA	QTR	RKM	SEJ	SLK	TFL	THA	THY	UBD	XAX	OTHERS	TOTAL
JAN	DEP 51	96	9	19	6	17	27	21	30	31	53	39	31	31	93	9	22	68	30	8	124	13	48	22	4	31	19	14	8	974		
	ARR 51	96	9	19	6	17	27	21	30	31	53	39	31	31	93	9	22	67	31	8	124	13	48	22	4	31	19	14	8	974		
FEB	DEP 44	85	4	16	7	26	31	29	27	28	52	18	28	28	4	11	20	58	28	4	101	12	43	16	4	28	14	12	12	870		
	ARR 44	85	4	16	7	26	31	29	27	28	52	18	28	28	4	11	20	58	28	4	101	12	43	16	4	28	14	12	12	870		
MAR	DEP 58	96	21	2	22	26	31	31	31	58	12	31	31	93	9	22	69	31	2	121	13	49	18	5	31	19	13	28	973			
	ARR 58	96	21	2	22	26	31	31	31	58	12	31	31	92	9	22	69	31	2	121	13	49	18	5	31	19	13	31	975			
APR	DEP 60	95	16	1	25	23	30	25	30	56	30	30	30	90	9	22	57	31	5	120	14	47	17	3	30	22	16	15	979			
	ARR 60	95	16	1	25	23	30	25	30	56	30	30	30	90	9	22	57	30	5	120	14	47	17	3	30	22	16	13	976			
MAY	DEP 74	80	18	26	18	31	37	31	31	68	27	31	33	9	22	65	31	4	124	12	49	18	5	31	19	13	31	975				
	ARR 74	80	18	26	18	31	37	31	31	68	27	31	33	9	22	66	31	4	124	12	49	18	5	31	19	13	31	975				
JUN	DEP 73	79	15	25	13	30	47	30	47	30	74	13	30	30	90	4	30	55	29	4	120	11	47	15	30	33	23	17	9	973		
	ARR 73	79	15	25	13	30	47	30	47	30	74	13	30	30	90	4	30	54	30	4	120	11	47	15	30	33	23	17	9	973		
JUL	DEP 75	90	16	25	23	31	49	31	70	13	31	33	9	31	47	31	5	124	14	49	18	5	31	23	17	13	951					
	ARR 75	90	16	25	23	31	49	31	70	13	31	33	9	31	47	31	5	124	14	49	18	5	31	23	17	13	953					
AUG	DEP 69	97	19	3	27	22	31	49	31	58	13	31	94	9	31	62	32	4	124	13	48	18	4	31	28	22	13	976				
	ARR 69	97	19	3	27	22	31	49	31	58	13	31	94	9	31	63	31	4	124	13	48	18	4	31	28	22	13	976				
SEP	DEP 72	93	18	1	28	22	30	48	30	56	29	30	90	5	30	56	30	1	120	13	48	14	5	31	27	21	15	986				
	ARR 72	93	18	1	28	22	30	48	30	56	29	30	90	5	30	56	30	1	120	13	48	14	5	31	27	21	15	986				
OCT	DEP 70	94	17	11	30	30	48	30	56	64	30	30	90	9	60	67	30	2	120	14	52	22	5</td									



## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL PASSENGER MOVEMENT DATA YEAR 2013

MONTH	MOV	ABY	AIA	BAB	BBC	BHA	CCA	CES	CSN	DRK	ETD	FDB	GFA	HDA	I GO	JAI	KAL	MAS	NAC	OMA	PIA	QTR	RKM	SEJ	SLK	TFL	THA	THY	UBD	XAX	OTHERS	TOTAL
JAN	OUT	8030	8121	1122	2547	149	1446	2002	1822	944	7415	8785	5620	4443	4970	13309	1673	3233	11366	3645	1115	1577	1707	6626	2451	317	6894	1622	4705	862	132488	
IN	6240	8257	643	1436	95	2229	2573	1903	1215	6540	7085	5037	4380	3789	11436	1905	2893	9532	2742	12814	1305	5267	1826	333	5855	692	3279	568	112650			
FEB	OUT	7114	8442	470	2620	224	2851	3153	2419	1472	6321	9118	2073	4581	4475	11964	2124	2723	9070	3967	647	12656	1805	6757	2127	302	6259	1609	3502	297	12114	
IN	6384	8777	403	1630	121	2337	2644	2125	1383	6037	7171	2107	4121	4477	12881	1914	2895	8868	3595	452	12254	1284	6253	1738	409	5347	905	405	120	112437		
MAR	OUT	8863	10907	3860	39	1560	2059	3093	2038	7178	10224	1446	4885	5051	15034	1756	3284	11585	4464	538	16054	1992	8242	2226	529	8251	2186	4269	1469	143132		
IN	8883	11313	1887	1609	2461	2853	1686	7223	8748	1544	4440	4904	14214	1570	3150	10060	4248	202	16022	1407	7585	2371	569	6452	1476	4235	1783	132095				
APR	OUT	9636	11273	3115	2424	2507	2853	1637	4645	10121	5739	5268	14679	1869	3055	5218	16259	2123	8343	2388	377	8763	3312	5262	46	141075						
IN	9121	11383	1444	1790	2176	2883	1745	4356	9057	3791	5268	13820	1799	3342	8526	4169	568	16544	1416	8048	2065	111	6188	1955	5205	262	12705					
MAY	OUT	11661	11601	36397	2573	2051	3009	1636	4041	12081	4229	5454	14705	1712	2617	10268	4471	754	18077	1781	8801	2286	7235	3374	5674	510	143408					
IN	8225	10828	1149	1385	1266	2571	1886	3567	9881	2014	5461	12387	1073	2677	7598	3540	396	13274	811	8216	1664	4266	1786	548	152	111873						
JUN	OUT	11534	11230	2651	2815	1397	3018	1760	3955	11579	2393	5267	14477	886	3641	9422	4121	752	15757	1598	8379	1912	6939	2847	5949	57	134136					
IN	7001	9443	976	1903	1336	2724	1456	3430	11040	1874	5112	11245	648	3120	6005	3269	462	12651	830	7922	1694	4034	1704	5294	1	105164						
JUL	OUT	10730	10397	2674	2786	2363	3045	1588	3887	9858	2575	5331	14123	1687	3521	7775	4291	949	15634	8630	2064	8029	3940	6980	1171	135302						
IN	9740	7174	1090	2237	2539	3047	1000	3701	11649	1663	4478	10459	1697	3426	6190	3821	447	15257	1264	6798	1228	4185	1521	5894	1136	111641						
AUG	OUT	9428	9783	2879	85	3181	2585	3275	1744	3801	9418	2664	5191	12818	1629	3974	9815	4023	731	15179	1539	7495	1806	7058	3669	6067	531	130308				
IN	8886	10031	2189	36	2477	2059	2945	1779	4081	9210	1973	4446	13475	1282	3943	6371	3371	367	12672	1287	6334	1133	4694	2513	5843	389	113596					
SEP	OUT	5979	7762	1855	4	3416	2201	2828	1939	3486	7222	3530	4728	9829	976	3242	7408	3180	112	13430	1454	6263	1440	5445	1625	3561	3595	15683	108093			
OCT	OUT	7759	11285	2657	123	4167	3541	3204	3398	4336	8891	6676	5321	13359	1529	4775	9129	3928	3841	99	15941	1739	7691	1865	6432	4155	6482	1711	137047			
IN	14768	13682	1656	44	3230	2358	3284	196	3811	9256	4811	5035	14265	935	3667	8298	3841	99	14152	1528	6949	2408	190	8001	3586	3944	6168	767	141482			
NOV	OUT	9663	12181	2311	112	3412	3366	3062	2233	7529	10344	6772	5164	13167	1575	8216	10288	3920	420	15096	1851	8385	2635	605	7877	4002	1430	5904	360	151890		
DEC	OUT	11657	13197	3737	10	2891	2647	2885	1723	7968	11534	5283	5367	13575	1707	8612	11374	4466	1621	14979	1896	10390	2765	8034	3451	1731	11103	175	164778			
IN	8224	9817	2471	41	2471	2385	2627	1686	7440	8800	4852	4949	11124	1550	5115	6259	3958	386	12386	1202	8044	2348	4620	3548	1515	8220	126	126274				
TOTAL	OUT	112254	126179	1592	34413	746	33322	30722	34503	22092	6462	9139	53570	61688	161039	19123	50893	117268	49157	8891	181150	21138	94660	26548	2320	88785	2864	33235	69179	7828	1647235	
IN	108578	122792	1046	20977	915	27905	28143	32975	21349	82740	111236	8688	46063	57906	153423	17903	46106	96569	4581	4225	170912	1649	8743	22772	2357	66384	16435	20274	88143	7063	1493067	
Grand Total		220832	24897	2638	55390	1661	61227	58865	67478	43441	127302	230211	17827	98633	11949431442	31026	98698	213837	94238	12816	362062	37607	18208	48320	4677	15383220098	53509	137322	14891	3140302		

Source : ASTRO (ATS / SAR Division) , Terminal Management Division T.I.A.CAO

## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL TRANSIT PASSENGER MOVEMENT DATA YEAR 2013

MONTH	AIA	BBC



## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL CARGO (In Tons) MOVEMENT DATA YEAR 2013

MONTH	MOV	AIA	BAB	BBC	BHA	CCA	CES	CSN	DRK	ETD	FDB	GFA	HDA	I GO	JAI	KAL	MAS	NAC	OMA	PIA	QTR	RKM	SEJ	SLK	TFL	THA	UBD	XAX	OTHERS	TOTAL	
JAN	OUT	26.245	35.172	1.1441	0.116	11.639	6.645	6.776	11.807	14.001	26.009	1.828	56.121	10.659	34	5.145	35.451	6.826	0.977	28.261	5.597	57.209	0.225				44139				
JAN	IN	4.337	2.71	1.441	0.116	3.238	1.821	3.07	5.633	36.357	9.322	11.084	27.411	26.9	32.892	24.311	9.553	21.613	3.442	4.391	33.538	0.248	0.01	194.131	1.836		45465				
FEB	OUT	38.221	66.775	15.483	5.965	8.82	6.911	23.523	23.866	0.316	45.014	25.34	18.5	4.603	35.535	6.667	2.367	35.114	40.212	10.534	46.451	0.02				46022					
FEB	IN	5.667	20.14	3.256	2.066	0.813	1.337	46.038	6.644	22.83	75.938	35.913	21.564	15.104	29.357	1.668	7.	229	21.196	0.347	12.964	1.731	69.936	11.174	953	64.312	0.323	49608			
MAR	OUT	105.469	22.471	23.566	23.28	16.719	5.536	111.687	72.2	0.333	69.237	24.718	74.22	1.917	43.341	12.966	1.731	69.936	11.174	953	64.312	0.323				63329					
MAR	IN	3.664	2.258	0.01	1.431	1.988	0.557	45.024	3.973	0.477	61.631	23.211	42.344	31.743	15.618	75.455	6.273	4.312	10.5	0.145	0.59	0.427	22.6377	5.528			56934				
APR	OUT	69.206	58.047	14.268	20.612	7.492	7.720	23.227	30.437	63.655	62.648	31.3	7.945	31.651	58.58	9.384	51.267	0.252	40.092	9.035	116.483					15.232	78.54				
APR	IN	5.487	25.778	0.05	6.752	2.843	1.182	46.328	10.722	71.504	30.354	49.516	34.936	16.744	61.031	2.144	7.209		18.446	0.477	1.47	1.851	21.6164	15.734			4.024	630.80			
MAY	OUT	161.173	125.001	24.844	17.095	19.738	9.114	69.222	1.914	16.921	34.86	71.452	7.933	115.087	35.5	11.835	50.572	21.966	57.482	3.808	36.019	14.801	10.721				8.009	946.47			
MAY	IN	4.672	6.812	0.31	7.401	3.065	0.007	0.01	8.253	3.282	55.879	33.797	38.768	40.482	17.051	33.515	10.322	9.195	11.02	0.079	1.684	2.55	286.339	4.461			547.36				
JUN	OUT	113.307	50.426	15.653	16.457	22.787	8.748	32.383	71.703	53.854	0.672	77.043	33.5	19.386	34.607	14.846	9.897	110.055	14.784	15.797	85.077					801.59					
JUN	IN	9.943	4.668	0.055	12.487	0.752	1.123	5.356	4.518	28.403	41.912	36.15	16.879	27.315	15.42	5.153	3.88		8.626	4.616	1.479	563.513	0.501	0.59		793.53					
JUL	OUT	260.478	96.198	18.438	15.159	9.222	9.179	32.891	87.4	60.35	6.089	93.94	52.5	20.047	30.975	15.466	3.203	90.744	56.777	12.974	68.24	0.151				21.5	106.93				
JUL	IN	11.59	2.421	2.208	3.334	1.369	3.658	3.622	8.025	124	35.23	41.278	61.473	40.634	21.619	38.41		6.571	7.385	2.319	0.241	0.053	1.833	238.022	0.503		535.60				
AUG	OUT	179.265	28.032	21.677	9.474	13.73	10.484	41.279	87.088	91.214	79.638	54.2	14.643	46.552	24.271	5.839	154.345		48.218	19.987	74.253	0.121				104.38					
AUG	IN	182.34	19.51	12.6	8.55	19.33	14.38	32.7	120.9	106.44	4.26	56.57	36	24.2	57.8	32.36	0.6		184.42	3.81	22.23	16.96	89.01	0.23		3.61	114.26				
SEP	OUT	223.766	19.592	15.019	0.477	1.23	1.25	10.57	7.15	1.08	52.45	54.58	52.29	23.25	29.44	35.01	9.37	7.14		3.36	1.19	30.6	1.36	319.34	14.71	14.31	3.64	709.07			
SEP	IN	6.841	8.652	0.075	1.108	0.299	0.942	1.19	8.277	3.883	77.743	34.942	24.75	41.727	32.618	26.687	5.458		2.703	0.765	24.872	8.092	289.321	21.436	4.075	1.934	1078.74				
OCT	OUT	149.234	7.709	11.017	21.86	5.623	15.851	30.536	65.28	64.437	7.18	50.672	31.8	4.766	29.909	12.195		62.0	119.5	8.2	117.8	2.52	34.626	82.8	96.4	14.0	4.0	744.4			
OCT	IN	9.935	14.178	0.034	2.585	1.077	8.423	1.225	7.201	5.351	61.412	25.387	34.96	36.091	30.234	25.628	2.678	0.217	2.481	2.118	9.35	4.258	334.67	19.101	14.318	4.704	660.91				
NOV	OUT	101.669	60.922	11.22	35.426	7.469	24.444	21.032	58.32	67.241	68.622	24.8	4.751	45.837	13.585	3.589	113.02	97.819	10.584	62.076	80.111	0.12				23.421	934.98				
DEC	OUT	9.016	3.663	2.524	2.207	1.497	10.58	14.482	2.54	58.14	60.025	43.859	36.64	34.245	33.867	3.464	2.797		1.991	2.578	12.903	1.786	367.397	27.581	25.009		761.18				
DEC	IN	182.03	649.9	0.0	195.4	188.5	0.0	153.7	43.85	68.9	2.5	815.5	27.3	75.55	414.8	130.8	516.1		245.5	40.1	1078.2	11.7	509.2	154.0	889.5	288.2	3.3	34.1	1006.37		
TOTAL	OUT	124.3	723	15	204.2	232	16.8	29.0	139.0	676.3	75.1	16.3	165.3	476.9	1274.2	813.3	419.6	961.3		317.6	102.1	1197.1	19.8	626.1	179.2	4362.1	381.0	99.7	48.1	52.2	17488.80
TOTAL	IN	1724.3	729.3	1.5	204.2	232	16.8	29.0	139.0	676.3	75.1	16.3	1457.3	476.9	1274.2	813.3	419.6	961.3		317.6	102.1	1197.1	19.8	626.1	179.2	4362.1	381.0	99.7	48.1	52.2	17488.80
Grand Total																															



## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL MONTHLY MOVEMENT YEAR 2013

MONTH	FLIGHT MOVEMENT		PAX MOVEMENT			TRANSIT	CARGO MOVEMENT (in Tons)			MAIL MOVEMENT (in Tons)	TOTAL
	DEP	ARR	TOTAL	OUT	IN		OUT	IN	TOTAL	OUT	
JAN	974	974	1948	132488	112650	245138	26	441.593	454.653	896.246	6.225
FEB	870	870	1740	121142	112437	233579	11	460.217	496.08	956.297	4.922
MAR	973	975	1948	143132	132905	276037	17	683.29	569.837	1253.127	7.593
APR	919	916	1835	141075	127052	268127	32	728.537	630.796	1359.333	9.696
MAY	951	953	1904	143409	111873	255282	13	946.468	547.954	1494.422	11.725
JUN	913	913	1826	134136	105164	239300	13	801.592	793.53	1555.122	8.253
JUL	966	966	1932	135302	111641	246943	6	106.1921	535.598	1597.519	8.515
AUG	976	975	1951	130308	113596	243904	26	1004.383	645.616	1649.999	8.512
SEP	982	983	1965	108093	137047	245140	6	1140.26	709.07	1849.33	8.82
OCT	1074	1077	2151	141482	164644	306126	4	1078.74	637.207	1715.947	10.761
NOV	1100	1102	2202	151890	137784	289674	49	774.374	660.913	1435.287	7.915
DEC	1109	1108	2217	164778	126274	291052	20	934.978	761.179	1696.157	13.863
<b>TOTAL</b>	<b>11807</b>	<b>11812</b>	<b>23619</b>	<b>1647235</b>	<b>1493067</b>	<b>3140302</b>	<b>223</b>	<b>10056.353</b>	<b>7442.433</b>	<b>17498.786</b>	<b>1068</b>

Source :- ATTSRO ( ATS / SAR Division ) , Terminal Management Division ,Air Cargo Service Division T.I.A.C.A.O

## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL AIRLINES WISE MOVEMENT YEAR 2013

S.N.	Airlines	FLIGHT MOVEMENT			PAX MOVEMENT			CARGO (in Tons)			MAIL (in Tons)		
		DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	
1	ABY	813	813	1626	112254	108578	220832	1620.3	104	1724.3	0	0	
2	AIA	1098	1098	2196	126179	122792	248971	34	649.9	79.4	12287	0.101	12388
3	BAB	13	13	26	1592	1046	2638	1.5	1.5	1.5	0	0	0.258
4	BBC	210	210	420	34413	20977	55390	4	195.4	8.8	204.2	0.158	0.1
5	BHA	42	42	84	746	915	1661	0	0	0	0	0	0
6	CCA	312	312	624	33322	27905	61227	25	186.5	45.7	232.2	0.034	0.034
7	CES	291	291	582	30722	28143	58865	3	16.8	16.8	0	0	0
8	CSN	355	355	710	34503	32975	67478	1	153.7	65.3	219	0.013	0.022
9	DRK	456	457	913	22092	21349	43441	2	133.5	5.6	139.1	0.075	0.075
10	ETD	431	431	862	64562	62740	127302	2	435.5	240.9	676.4	0.005	1.79
11	FDB	732	732	1464	118975	111236	230211	3	698.2	53.4	751.6	0.33	0.36
12	GFA	69	69	138	9139	8688	17827	2.5	13.9	16.4	1.566	1.366	2.932
13	HDA	307	307	614	53570	46063	99633	35	815.5	641.8	1457.3	0	0
14	IGO	365	365	730	61588	57906	119494	4	27.3	449.6	476.9	36.88	36.88
15	JAI	1096	1096	2192	161039	153423	314462	9	755.5	518.7	1274.2	6.08	6.08
16	KAL	100	100	200	19123	17903	37026	2	414.8	398.5	813.3	0.01	0.01
17	MAS	388	388	776	50893	46106	96999	30	130.8	288.9	419.7	0.01	2.89
18	NAC	735	735	1470	117268	96569	213837	3	516.1	445.2	961.3	0	0
19	OMA	365	365	730	49157	45081	94238	4	245.5	72.1	317.6	0.05	0.05
20	PIA	48	48	96	8591	4225	12816	6	40.1	62	102.1	1.783	1.783
21	QTR	1446	1446	2892	181150	170912	352062	7	1078.2	1195	1197.7	0.166	0.166
22	RKM	154	154	308	21138	16469	37607	11.7	8.2	19.9	0	0	0
23	SEJ	590	590	1180	94660	87438	182098	6	508.2	117.8	626	0.44	0.44
24	SLK	213	213	426	26548	22772	49320	7	154	25.2	179.2	0.24	0.24
25	TFL	25	25	50	2320	2357	4677	0	0	0	0	0	0
26	THA	365	365	730	88785	66584	155369	31	899.5	3462.5	4362	123.86	216.187
27	THY	69	69	138	12664	16435	29099	2	298.2	82.8	381	0	0
28	UBD	301	301	602	33235	20274	53509	3.3	96.4	99.7	0	0	0
29	XAX	229	229	458	69179	137322	14891	14	48.1	52.1	0	0	0
30	OTHERS	189	193	382	7828	7063	14891	3	48.1	4	52.1	0	0
<b>TOTAL</b>	<b>11807</b>	<b>11812</b>	<b>23619</b>	<b>1647235</b>	<b>1493067</b>	<b>3140302</b>	<b>223</b>	<b>10056.4</b>	<b>7442.5</b>	<b>17498.9</b>	<b>106805</b>	<b>175.785</b>	<b>282.59</b>

Source :- ATTSRO ( ATS / SAR Division ) , Terminal Management Division ,Air Cargo Service Division T.I.A.C.A.O Note:- 0 = Nil



## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC MOVEMENT DATA 2013

S.N.	Month	FLIGHT MOVEMENT			PASSENGERS			CARGO (in KGS)			MAIL (in KGS)			REMARKS
		DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	
1	JAN	2158	2159	4317	51761	50339	102100	196987	43517	240504				
2	FEB	2273	2268	4541	58181	59156	117337	146999	38399	185398	9	9		
3	MAR	3212	3210	6422	72221	69212	141433	197115	45479	242594		0		
4	APR	3455	3458	6913	72980	73833	146813	233996	41640	275636	24	24		
5	MAY	3126	3114	6240	65072	69903	134975	298336	46784	345120	30	30		
6	JUN	2302	2303	4605	55004	57604	12608	170960	38855	209815	185	185		
7	JUL	2069	2072	4141	52259	53849	106108	220605	53914	274519	5	5		
8	AUG	2391	2393	4784	56752	57560	114312	221028	46382	267410	13	13		
9	SEP	2775	2773	5548	65876	5932	125808	296115	51983	348098	17	17		
10	OCT	4181	4180	8361	85407	79755	165162	300712	64797	365509	5	5		
11	NOV	3976	3979	7955	73493	81555	155048	516474	69736	586210				
12	DEC	2626	2623	5249	60094	60806	120900	273718	57439	331157				
G. TOTAL		34544	34532	69076	769100	773504	1542604	3073045	598925	3671970	0	288	288	

## TRIBHUVAN INT'L AIRPORT DOMESTIC AIRLINES WISE MOVEMENT DATA (YEARLY) 2013

## NAME OF AIRPORT:-VNKT

S.N.	AIRLINES	FLIGHT MOVEMENT			PASSENGERS			CARGO (in KGS)			MAIL (in KGS)			REMARKS
		DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	
1	AD	1089	1093	2182	2428	2006	4434	26111	231	26342				
2	AK	229	228	457	420	818	1238	138651	1212	139863				
3	BA	12237	12235	24472	448792	443478	892270	786724	116543	903267				
4	FA	1139	1138	2277	2478	2615	5093	30610	20680	51290				
5	GOMA	4	8											
6	MH	1306	1309	2615	3632	3672	7304	60293	49681	109974				
7	MK	212	211	423	833	556	1389	116036		116036				
8	NAC	838	836	1674	10132	10459	20591	102151	275	102426	288	288		
9	NSBS	434	428	862										
10	RMK	2500	2500	5000	33388	36403	69791	59001	1213	60214				
11	SH	258	257	515	1075	873	1948	58779	7005	65784				
12	SM	916	914	1830	2918	1932	4850	71610	19688	91298				
13	ST	454	455	909	3797	4711	8508	210760	6785	217545				
14	TA	3612	3611	7223	42184	39669	81853	798178	33934	832112				
15	VWP	91	89	180										
16	YA	9211	9211	18422	217023	226312	443335	614141	341678	955819				
17	OTHERS	14	13	27										
TOTAL		34544	34532	69076	769100	773504	1542604	3073045	598925	3671970	0	288	288	

Source : ATRO (ATIS/SAR Division) , Domestic T.O., Revenue Section (Domestic) TIA.CAO.  
 Legend : AD = Air Dynasty, AK = Air Kasthamandap, BA = Buddha Air, FA = Fishtail Air, MH = Mountain Helicopter, NAC = Nepal Airlines, MK = Makalu Air  
 NSBS = Nepal Sansar Biman Sewa (Mid Air Base), SH = Shree Airlines, SM = Simrik Airlines, RMK = Simrik Airlines, TA = Tara Air, YA = Yeti Airlines, ST = Sita Air



## TRIVUWAN INTERNATIONAL AIRPORT DOMESTIC FLIGHT MOVEMENT DATA YEAR 2013

Month	Mov	AD	AK	BA	FA	GOMA	MH	MK	NAC	NSBS	RMK	SH	SM	ST	TA	VIP	YA	OTHERS	TOTAL	
JAN	DEP	51	907	61	74	107	23	2	36	22	13	652	2158							
	ARR	51	907	61	74	107	22	2	37	23	12	653	2159							
FEB	DEP	32	3	961	48	44	81	61	89	4	33	7	193	3	714	2273				
	ARR	32	3	960	48	44	80	59	89	3	33	8	193	3	713	2268				
MAR	DEP	108	32	1092	109	94	126	46	192	16	57	67	394	8	869	2	3212			
	ARR	108	33	1092	108	94	124	46	192	16	56	68	395	7	870	1	3210			
APR	DEP	140	41	1080	182	150	114	31	196	35	107	84	424	10	855	6	3455			
	ARR	140	41	1080	182	153	115	31	196	36	107	83	423	10	855	6	3458			
MAY	DEP	94	22	1075	149	1	193	86	38	199	43	93	59	258	13803		3126			
	ARR	91	20	1074	149	1	193	85	36	199	42	92	59	258	12	803		3114		
JUN	DEP	51	985	46	1	94	1	48	34	197	21	53	1	100	6	664		2302		
	ARR	55	1	986	45	1	94	49	33	197	21	53	98	6	664		2303			
JUL	DEP	52	2	873	35	57	57	57	23	189	3	33	123	2	620		2069			
	ARR	52	1	873	36	58	58	57	25	189	3	33	123	2	620		2072			
AUG	DEP	50	14	969	43	45	74	74	20	244	25	44	170	4	687	2	2391			
	ARR	51	15	969	43	46	74	74	20	244	24	44	170	4	687	2	2393			
SEP	DEP	64	35	992	73	86	43	20	22	235	21	81	22	319	3	759		2775		
	ARR	63	34	992	71	84	45	20	22	235	21	81	23	320	3	759		2773		
OCT	DEP	166	61	1214	178	163	134	12	35	334	47	159	80	639	5	950	4	4181		
	ARR	165	62	1214	179	163	132	11	35	334	48	159	80	639	6	949	4	4180		
NOV	DEP	191	16	1161	138	216	28	57	71	366	30	142	87	532	18	923		3976		
	ARR	195	16	1160	139	216	29	57	69	366	30	142	87	532	18	923		3979		
DEC	DEP	90	3	928	77	2	90	6	56	30	259	11	78	47	228	6	715		2626	
	ARR	90	2	928	77	2	90	5	57	30	259	11	77	47	227	6	715		2623	
TOTAL	DEP	108929	12237	1139	4	1306	212	838	434	2500	258	916	454	3612	91	9211	14	34544		
	ARR	1093	228	12235	1138	4	1309	211	836	428	2800	257	914	455	3611	89	9211	13	34532	
Grand Total		2182	457	24472	2277	8	2615	423	1674	862	5000	515	1830	909	7223	180	18422	27	69076	

Legend:- AD = Air Dynasty, AK = Air Kasthamandap, BA = Buddha Air, FA = Fishtail Air, MH = Mountain Helicopter, NAC = Nepal Airlines, MK = Makalu Air, NSBS = Nepali Sanik Biman Sewa (Mid Air Base), SH = Shree Airlines, TA = Tara Air, YA = Yeti Airlines, ST = Sita Air

## TRIVUWAN INTERNATIONAL AIRPORT DOMESTIC PASSENGER MOVEMENT DATA YEAR 2013

Month	Mov	AD	AK	BA	FA	MH	MK	NAC	NSBS	RMK	SH	SM	ST	TA	YA	TOTAL
JAN	OUT	23	32212	129	193	1530		1530			39		2683	14932	51761	
	IN	88	29578	176	217	1134	965	11	115	46	2896	15762	50339			
FEB	OUT	69	36451	109	116	1035	1210	3	87	20	2598	16567	58181			
	IN	57	36462	154	151	1652	2628	51	209	718	1872	18105	59156			
MAR	OUT	241	8	39829	330	301	1378	2727	23	78	376	5376	20878	72221		
	IN	213	169	38703	265	133	1472	2691	167	360	907	5697	20468	69212		
APR	OUT	389	80	40000	428	321	1606	2956	154	938	5433	21091	73333			
	IN	175	183	40723	300	274	991	2619	96	230	441	2994	18566	65072		
MAY	OUT	171		38345	202	417	1161	2949	289	86	819	3654	20117	69903		
	IN	165	135	39756	376	396	2737	30	382	6	1002	15658	55004			
JUN	OUT	99		34288	66	246	490	632	2992	55	42	1464	16377	57604		
	IN	122		35686	30	204	410	2557	12	66	889	14610	52259			
JUL	OUT	117		33399	36	163	534	2744	11	106	1024	15270	53849			
	IN	134		33729	88	209	544	3278	124	137	1692	15744	56752			
AUG	OUT	86		34963	77	107	614	3413	102	160	1307	16825	57560			
	IN	111		34794	84	150	294	3410	108	102	3565	19085	65576			
SEP	OUT	134		38151	193	522	300	3482	67	192	44	1737	17948	59932		
	IN	104	3	35647	124	229	55	1483	240	604	8242	22742	85407			
OCT	OUT	68	311	45571	427	416	755	189	4804	214	337	6362	22289	79755		
	IN	327	202	42983	335	473	501	143	4804	214	337	512	5074	20690	73493	
NOV	OUT	397	20	40175	287	607	15	717	4556	197	246	1152	7259	23200	81555	



## TRIVUWAN INTERNATIONAL AIRPORT DOMESTIC CARGO MOVEMENT DATA YEAR 2013

Month	Mov	AD	AK	BA	FA	MH	MK	NAC	RMK	SH	SM	ST	TA	YA	TOTAL	
JAN	OUT			51156	2390			17616		490	3263		76330	46032	196987	
IN	OUT	10489	430	1350						384	5146	5762	24996	43517		
FEB	IN	55653	850	1824				5446		1315		703	46538	146999		
OUT	1120	30219	1055				35			6224	7	1629	1382	22879	26652	
MAR	IN	146	8647	100	1630				3		900	581	1938	53885	197115	
OUT	1663	25239	61971	1185	1450			5141	1	5867	12373	20310	39816	53318	45479	
APR	IN	177	8404	2040				3360	2		1930	595	596	24536	41640	233996
OUT	2090	17742	71560	8371	11780			2111	67	20892	16560	29092	62760	55311	298336	
MAY	IN	40	10343	2295	5025			1		1645	940	1480	1473	23542	46784	
JUN	OUT	1590	70995	3300	3740			690	12	3828	6132		32228	48445	170960	
IN	OUT	6892	425	2280				224	1	590	480		3214	24749	38855	
JUL	OUT	1240	835	71954	2205			3369	94	513	3490		56105	53568	220605	
AUG	IN	74400	1875	2345				34846	78	4187	2284		49362	51651	221028	
SEP	OUT	3788	33787	67555	3235			31900	1589	115	2064		5110	14110	72448	24272
OCT	IN	295	9098	4027	8486			3	98	1015	1760		3148	46382		
NOV	OUT	8565	6908	65253	2246			10230	26734	710	39170		9425	10744	60767	296115
DEC	IN	9400	1145	14021				1409	5	68	245	165	1345	4814	29495	53914
OUT	3045	23700	75715	1977	6190			53742	50	2908	6782		4987	17301	52765	51550
TOTAL	OUT	26111	138651	786724	30610			60293	116036	102151	59001		58779	71610	210760	798178
Grand Total	IN	231	1212	116543	20680			49681	275	1213	7005		19688	6785	33934	341678

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## TRIBHUVAN INTERNATIONAL AIRPORT INTERNATIONAL MONTHLY MOVEMENT YEAR 2014 (JAN - SEP)

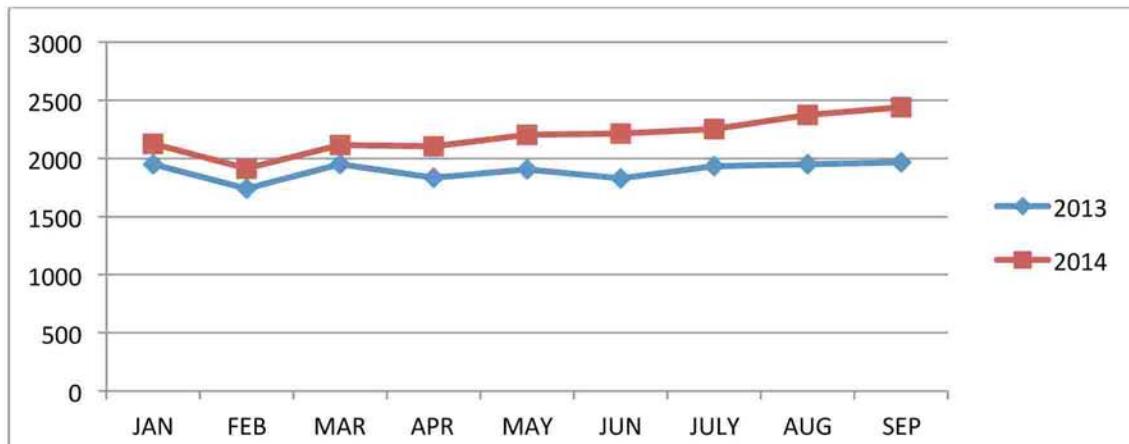
MONTH	FLIGHT MOVEMENT			PAX MOVEMENT			TRANSIT			CARGO MOVEMENT (in Tons)			MAIL MOVEMENT (in Tons)		
	DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
JAN	1063	1063	2126	140139	126172	266311	14	102753	667.32	1694.85	9.26	19.76			29.02
FEB	958	955	1913	134288	127475	261763	11	86758	512.96	1380.54	7.94	11.34			19.28
MAR	1056	2112	162465	142405	304870	9	957.25	703.02	1660.27	14.22	14.12			28.34	
APR	1051	2105	166137	146701	312838	20	776.01	755.16	1531.17	11.57	19.13			30.7	
MAY	1104	1100	2204	170554	123805	294359	50	851.91	808.18	1660.09	11.77	13.77			25.54
JUN	1106	1106	2212	157938	124722	282660	21	767.82	766.24	1534.06	12.63	19.64			32.27
JUL	1126	1125	2251	144939	118436	263375	22	991.54	967.94	1959.48	0.68	34.9			35.58
AUG	1188	1187	2375	147210	117054	264264	6	1089.45	948.39	2037.84	2.01	19.93			21.94
SEP	1221	1220	2441	140192	157180	297372	13	1374.48	635.28	2009.76	0.5	42.21			42.71
TOTAL	9873	9866	19739	1363862	1183950	2547812	166	8703.57	6764.49	15468.06	70.58	194.8			265.38

## INTERNATIONAL MONTHLY MOVEMENT YEAR 2013 JAN-SEP

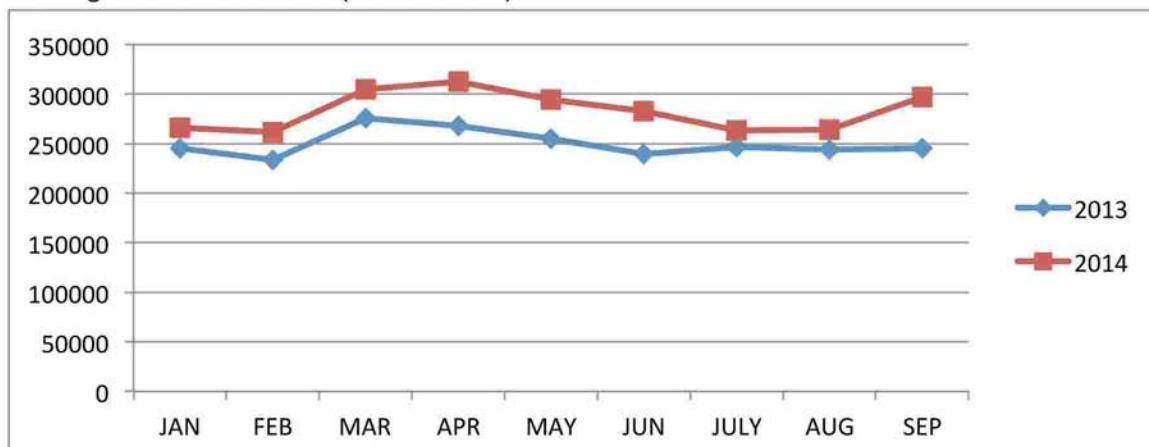
MONTH	FLIGHT MOVEMENT			PAX MOVEMENT			TRANSIT			CARGO MOVEMENT (in Tons)			MAIL MOVEMENT (in Tons)		
	DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
JAN	974	974	1948	132488	112650	245138	26	441.93	454.63	896.246	6.225		16.847		23.072
FEB	870	870	1740	12142	112437	233579	11	460.217	496.08	956.297	4.922		17.175		22.097
MAR	973	975	1948	143132	132905	276037	17	683.29	569.837	1253.127	7.593		11.877		19.47
APR	919	916	1835	141075	127052	268127	32	728.537	630.796	1359.333	9.696		16.225		25.921
MAY	951	953	1904	143409	111873	255282	13	946.468	547.954	1494.422	11.725		18.888		30.613
JUN	913	913	1826	134136	105164	239300	13	801.592	793.53	1595.122	8.253		12.165		20.418
JUL	966	966	1932	135302	111641	246943	6	1061.921	535.598	1597.519	8.515		9.462		17.977
AUG	976	975	1951	130308	113596	243904	26	1004.383	645.616	1649.99	8.512		11.322		19.834
SEP	982														



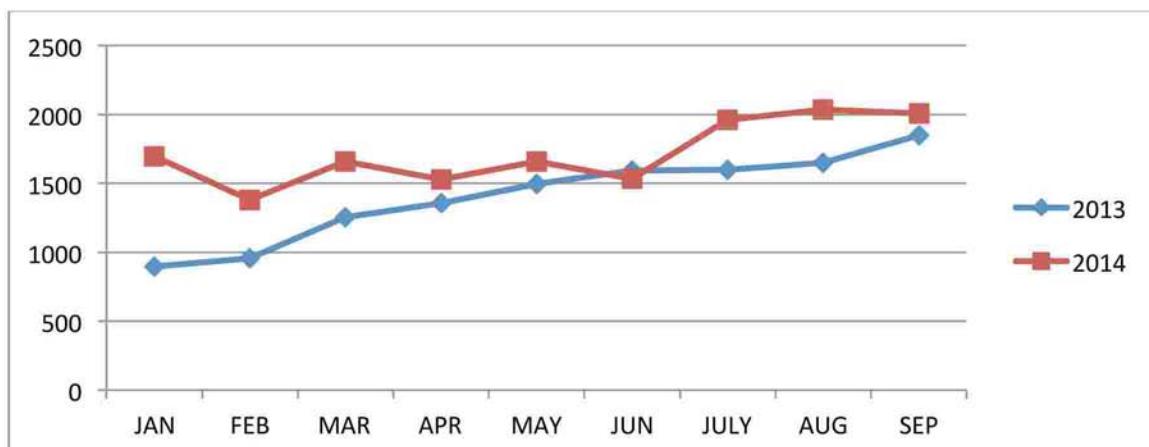
Aircraft Movement Data (International)



Passenger Movement Data (International)



Cargo Movement Data (in tons) (International)



## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC MOVEMENT DATA 2014 (JAN -SEP)

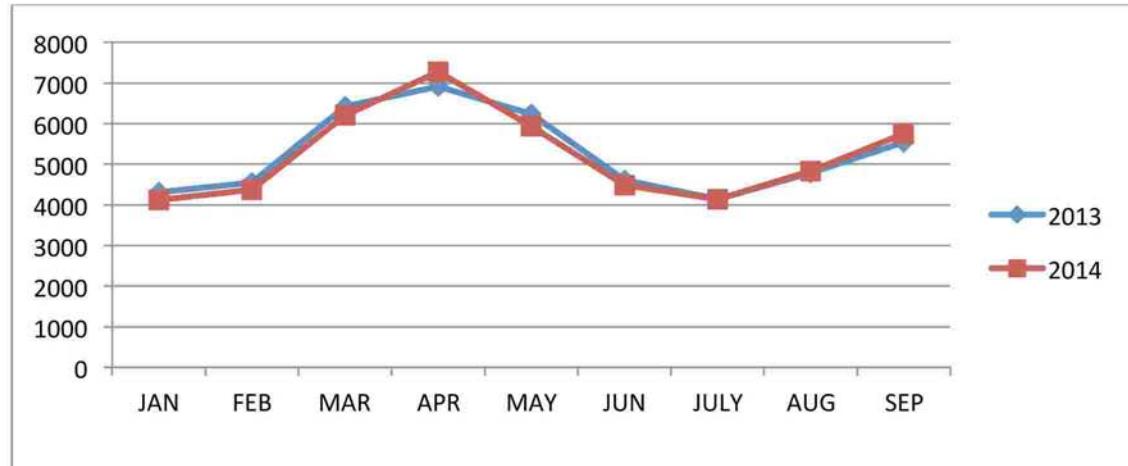
S.N.	Month	FLIGHT MOVEMENT			PASSENGERS			CARGO (in KGS)			MAIL (in KGS)		
		DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
1	JAN	2060	2056	4116	45931	44944	90875	207109	43291	250400	4		
2	FEB	2184	2183	4367	52655	52048	104703	152296	42031	194327	5	5	5
3	MAR	3106	3106	6212	69649	67626	137275	230002	64996	294998	0		
4	APR	3642	3639	7281	71966	70318	142284	280340	57374	337714	1	1	1
5	MAY	2968	2968	5936	59226	64973	124199	377625	57522	435147	69	69	
6	JUN	2241	2235	4476	53876	54368	108244	240056	47420	287476	15	15	
7	JULY	2067	2072	4139	48170	47202	95372	255096	56393	311489	16	16	
8	AUG	2420	2408	4828	54305	54135	108440	271033	79378	350411	0		
9	SEP	2870	2878	5748	66499	54834	121333	338422	70656	409078	1	1	
G. TOTAL		23558	23545	47103	522277	510448	1032225	2351979	519061	287040	111	107	

DOMESTIC MOVEMENT DATA  
2013 (JAN -SEP)

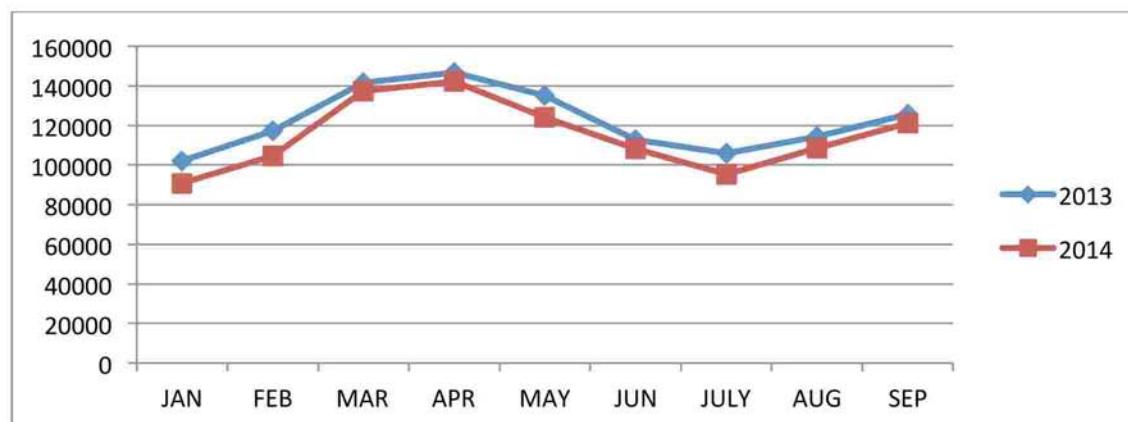
S.N.	Month	FLIGHT MOVEMENT			PASSENGERS			CARGO (in KGS)			MAIL (in KGS)		
		DEP	ARR	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL	OUT	IN	TOTAL
1	JAN	2158	2159	4317	51761	50339	102100	196987	43517	240504			
2	FEB	2273	2268	4541	58181	59156	117337	146999	38399	185398	9	9	9
3	MAR	3212	3210	6422	72221	69212	141433	197115	45479	242594			
4	APR	3455	3458	6913	72980	73833	146813	233996	41640	275636	24	24	
5	MAY	3126	3114	6240	65072	69903	134975	298336	46784	345120	30	30	
6	JUN	2302	2303	4605	55004	57604	112608	170960	38855	209815	185		
7	JUL	2069	2072	4141	52259	53849	106108	220605	53914	274519	5	5	
8	AUG	2391	2393	4784	56752	57560	114312	221028	46382	267410	13	13	
9	SEP	2775	2773	5548	65876	59932	125808	296115	51983	348098	17	17	
G. TOTAL		23761	23750	47511	550106	551388	1101494	1982141	406953	2389094	0	283	283



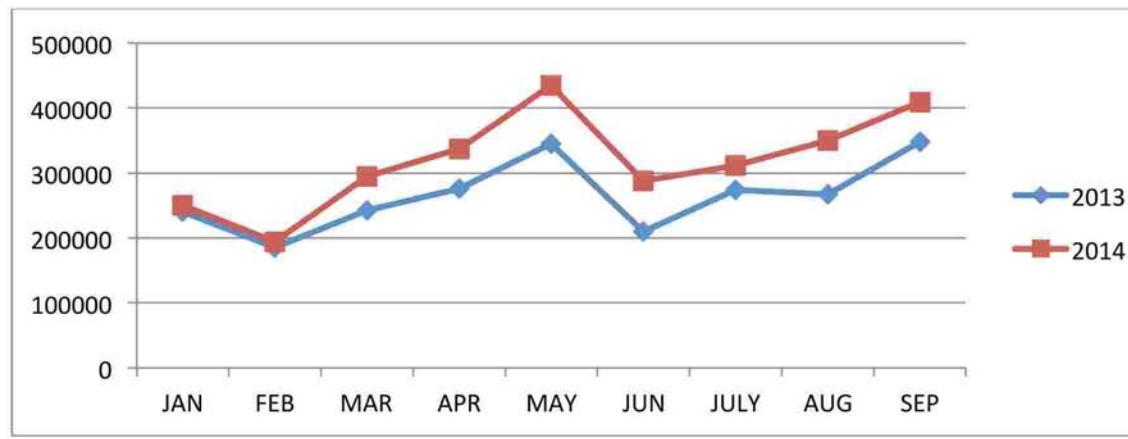
## Aircraft Movement Data (Domestic)



## Passenger Movement Data (Domestic)



## Cargo Movement Data (in kg) (Domestic)

TRIBHUVAN INTERNATIONAL AIRPORT  
INTERNATIONAL FLIGHT SCHEDULE MONITOR  
YEAR 2013

S.N	Airlines	Types of A/C	No. of Sch fits this months	No. of Sch fits Optd.	No. of Sch fits Not Optd.	Percentage of OPR SCH Flights%	No. of Fit Optd Charter Flights	QRF	REMARKS
1	ABY	A320	849	797	52	93.88	16		
2	AIC	A320/A319/321	1147	1096	51	95.55	2		
3	BAB	A319/A320	59	13	46	22.03	0		
4	BBC	A310 / F28	337	208	129	61.72	2		
5	BHA	B190/ATR45	140	39	101	27.86	3		
6	CCA	A319	339	302	37	89.09	10		
7	CES	B737	326	258	68	79.14	33		
8	CSN	A319	363	354	9	97.52	1		
9	DRK	A319	438	423	15	96.58	33		
10	ETD	A 332	431	431	0	100	0		
11	FDB	B738	741	707	34	95.41	25		
12	GFA	A343 /A332	158	69	89	43.67	0		
13	HDA	A320	308	307	1	99.68	0		
14	IGO	A320	365	365	0	100	0		
15	JAI	B738	1095	1095	0	100	0	1	
16	KAL	B772	96	96	0	100	4		
17	MAS	B737	388	388	0	100	0		
18	NAC	B752	903	733	170	81.17	2		
19	OMA	B738	365	365	0	100	0		
20	PIA	A310	104	47	57	45.19	1		
21	QTR	A320/A332/A333	1460	1446	14	99.04	0		
22	RKM	A320	161	153	8	95.03	1		
23	SEJ	B738	730	590	140	80.82	0		
24	SLK	A320/A319	224	213	11	95.09	0		
25	TFL	B738	26	25	1	96.15	0		
26	THA	B772	365	365	0	100	0		
27	THY	A330	69	69	0	100	0		
28	UBD	MD83/DHC-8	414	301	113	72.71	0		
29	XAX	A330	235	229	6	97.45	0		
30	OTHER	ALL	0	0	0	0	189		
TOTAL			12636	11484	1152	90.88	304		
								TOTAL DEP	11807
								TOTAL ARR	11812
								GRAND TOTAL	23619



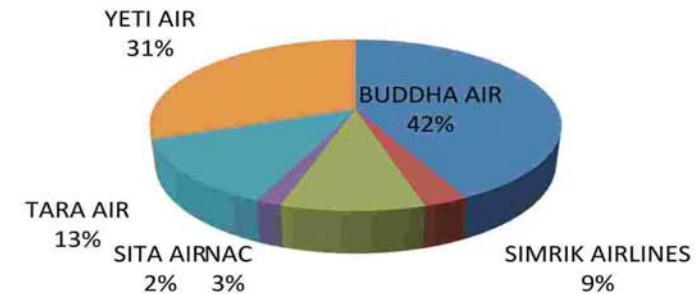
## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC FLIGHT SCHEDULE MONITOR YEAR 2013

S.N	Airlines	Types of A/C	No. of Sch fits year app	No. of Sch fits Optd.	No. of Sch fits Not Optd.	Percentage of OPR SCH Flights%	No. of Cht Fit Optd.	FLT	SCH+CHT FLT	CHT	Local	ORF	Grand Total	Remarks
1	BUDDHA AIR	AT43/B190/AT72	16607	11857	4750	71.40	253	2.1	12110	38	89	12237		
2	NAC	DHC6	1175	659	516	56.09	138	20.9	797	27	14	838		
3	SIMRIK AIRLINES	B190	3710	2372	1338	63.94	67	2.8	2439	47	14	2500		
4	SITA AIR	D228	662	340	322	51.36	96	28.2	436	15	3	454		
5	TARA AIR	DHC6/D228/PC6	5021	2568	2453	51.15	933	36.3	3501	62	49	3612		
6	YETI AIR	JS41	11953	8657	3296	72.43	435	5.0	9092	68	51	9211		
7	TOTAL		39128	26453	12675	67.61	1922	7.3	28375	257	220	28852		

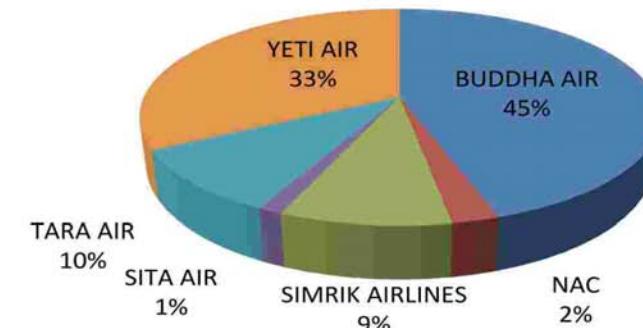


## TRIBHUVAN INTERNATIONAL AIRPORT DOMESTIC FLIGHT SCHEDULE MONITOR YEAR 2013

### No. of Schedule Flights



### No. of Schedule Flights Operated



### No. of Charter Flights Operated

