



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY-SECOND MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APANPIRG/22)**

Bangkok, Thailand, 5-9 September 2011

Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation

3.5: Other Air Navigation matters

**UPDATES ON IMPROVEMENT ACTIVITIES IN CIVIL
AVIATION SECTOR IN NEPAL**

(Presented by Nepal)

SUMMARY

This paper provides a brief update on various improvement activities carried out in Civil Aviation sector in Nepal during 2010-2011.

1. INTRODUCTION

1.1 Civil Aviation Authority of Nepal (CAAN) is responsible for providing Air Navigation Service (ANS) in Nepal. As of now, CAA Nepal is operating 32 out of 55 Domestic Airports, One International Airport in the country and provides ANS service to more than 28 International and 14 Domestic Airlines.

2. BRIEF UPDATES ON MAIN ACTIVITIES 2010-2011

2.1 Replacement of DVOR/DME

In an effort to replace existing aging DVOR/DME's at Tribhuvan International Airport (TIA), Kathmandu and Biratnagar Airport, the installation, flight check and commissioning of new DVOR/DME's has been completed and put in service since 10 March, 2011.

2.2 PBN Implementation Activities

CAAN has formed multidisciplinary National PBN Implementation Task Force headed by Deputy Director General of CAAN for the phased implementation of PBN in Nepal. CAAN has already submitted revised Nepal PBN Implementation Plan to ICAO Regional office, Bangkok.

2.3 RNP AR Approach

With a view to enhance the capacity and improving flight safety of TIA, Kathmandu, CAA Nepal has signed an agreement with Quovadis, an Airbus subsidiary for the design and

implementation of RNP AR Approach Procedure at RW 02 TIA, Kathmandu. The RNP AR Approach Procedure is expected to be implemented by early 2012.

2.4 Demolishing of obstructive FM Broadcast Antenna

The 97 meter tall FM antenna mast of Radio Nepal located nearby the approach path of RW 02 at TIA Kathmandu has been removed on 2nd October, 2011.

2.5 Endorsement of WRC-12 ICAO Position Paper and Participation in APG-5

CAA Nepal has formally requested the Ministry of Information and Communication, Government of Nepal which is the regulatory agency of Radio Spectrum in Nepal, to ensure the reflection of updated ICAO Position on WRC-2012 as its official views in the forthcoming APG-5 being held in Busan, Republic of Korea. Moreover CAA Nepal had also participated as a member of national delegation at the APG-5 Meeting.

2.6 Implementation of NEP/09/802 Project Report

With a view to replace existing old terminal ASR/SSR at TIA, Kathmandu with a suitable surveillance technology and identification and implementation of a suitable Precision and Landing System at TIA, Kathmandu; CAA Nepal had signed an agreement with Technical Cooperation Bureau (TCB) of ICAO in early 2010. CAA Nepal has received a draft Project Terminal Report relating to ICAO Project NEP/09/802 – ATS Surveillance and Landing System from TCB, ICAO. CAA, Nepal is planning to implement the recommended Surveillance System and Approach and Landing System once the Project Terminal report is received from the TCB, ICAO.

2.7 Improvement in Annex 14 Deficiencies

Runway and taxiway overlay at TIA has been completed on 03 February. Marking on runway and taxiways are done in accordance with ICAO Annex 14, SARPs.

RESA on both ends of runway at TIA will be provided before 2015. This has been included in the TIAIP Project under Asian Development Bank (ADB) finance, the construction works will be started approximately March/April 2012.

Runway strip of 150 meters either side of Runway centerline all along the runway is not practicably possible to be established as per ICAO SARPs due to topographical conditions of TIA and it is not even financially viable. Runway at TIA has been declared as non-precision approach runway.

2.8 Deficiency in MET

CAA Nepal is in close coordination of Department and Meteorology Nepal to provide SIGMET regularly. As per the information received from Department of Meteorology, various initiatives are being taken in this regard and expected to provide SIGMET regularly by 2012.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information in this paper.