



International Civil Aviation Organization

**The Twenty-First Meeting of the APANPIRG ATM/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/21)**

Bangkok, Thailand, 27 June – 01 July 2011

Agenda Item 5: Review of other relevant meetings

ASIA/PACIFIC REGIONS AREA TRAFFIC FORECASTING GROUP

(Presented by the Secretariat)

SUMMARY

This paper presents a brief report on the forecasts produced by Asia/Pacific Regions Area Traffic Forecasting Group (APA TFG) at its 15th meeting held in Bangkok. This report includes medium-term forecasts of air traffic in the Transpacific area, in the Asia/Pacific region, and for selected Transpacific and Asia/Pacific city-pair markets through to 2014. The report also contains a long-term forecast with a horizon to the year 2030, including a short-term forecast for 2010-2014 and intermediate forecasts for each of the years 2020 and 2030.

Forecasts are provided for total passenger traffic and aircraft movements, and in the case of the aggregate Transpacific market, also for peak hour movements on selected route groups for the year 2014.

Strategic Objectives:

- A: *Safety – Enhance global civil aviation safety*
- C: *Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment*

Global Plan Initiatives:

- GPI-6 Air traffic flow management
- GPI-7 Dynamic and flexible ATS route management
- GPI-8 Collaborative airspace design and management
- GPI-10 Terminal area design and management
- GPI-13 Aerodrome design and management
- GPI-14 Runway operations

1. INTRODUCTION

1.1 The APA TFG at its fifteenth meeting held in Bangkok from 1 to 8 November 2010 updated the traffic forecasts for the Transpacific and Intra Asia/Pacific markets developed during the 14th meeting (2008). Representatives from Canada, Japan, Singapore and Thailand participated at the meeting.

2. DISCUSSION

2.1 At its fifteenth meeting, the Group updated air traffic forecasts for these two markets taking into account the impact of the 2008/2009 unprecedented economic recession on air traffic developments and extended the forecast time horizon to 2030. The report of the 15th APA TFG is available in ICAO Doc 9961 Asia/Pacific Area Traffic Forecasts 2010-2030 and was posted on the ICAO website at <http://www.icao.int/icaonet/>

2.2 The 15th APA TFG considered two proposals to develop i) detailed forecasts of aircraft movements by specific air traffic service (ATS) routes and ii) forecasts of aircraft movements in the Asia/Pacific airports, the latter by aircraft type.

2.3 With respect to the first proposal, the Group noted that was well positioned to develop forecasts for specific ATS routes, provided States in the APAC regions ensure adequate resources and information required. However, the task is extensive and at present it would not be possible for the Group to carry it out without an access to appropriate databases and with the resources being at its disposal, unless the scope of work of the Group would be revised by eliminating certain present tasks.

2.4 The APA TFG suggested that the proposal, and the recommendation that the work be carried out by the APA TFG be submitted to APANPIRG for consideration at its next meeting. Should APANPIRG approve the proposal and recommendation, access to appropriate databases and additional resources had to be ensured in order for the Group to carry out the proposed task.

2.5 The additional resources would be an important factor, especially in case the Group is required to continue with the full scope of its current assignments. Once the new task is approved, the Group would work out a methodology to develop such forecasts and generate them, initially for a sample of routes for which data would be available. The number of routes would be gradually expanded should the required data become available to the Group.

2.6 On the second proposal, the meeting noted that bearing in mind the number of airports in the Asia/Pacific region and the complexity the task, the Group believed that the proposed development of aircraft movements at airports would not be feasible.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the passenger traffic and air traffic movement forecasts for the Trans-Pacific and Intra-Asia/Pacific region to 2030 developed by 15th APATFG in ICAO Doc 9961;
- b) discuss the matter of States providing access to appropriate air traffic databases; and
- c) make recommendation for APANPIRG's consideration.

.....