

ATTACHMENT A

REGIONAL WORKSHOP ON TRAFFIC FORECASTING AND ECONOMIC PLANNING

(Nairobi, 26 to 30 October 2009)

AGENDA

Item 1: ICAO Activities in the Field of Traffic Forecasting and Economic Planning

General introduction to the work of ICAO in the air transport field. Description of ICAO's recent air traffic forecasts at the global and regional levels. Forecasting manual. Guidance material on cost-benefit analyses and business cases for the implementation of CNS/ATM systems. Programme of forecasting and planning workshops.

Item 2: State of the air transport industry

Item 3: Forecasting Methodology and Applications

a) Methodology

Various forecasting methods, including time series, econometric modelling and market studies. Considerations affecting the choice of methods. Use of summary statistic to assess the significance and accuracy of models. Participants are invited to discuss their experiences and the problems they have encountered in practical application of traffic forecasting methods.

b) Forecasting for Airline Planning

Discussion of airline traffic forecasts and the manner in which they are applied for the planning of routes, services and aircraft fleets. Assessment of the effect of tariffs, schedules and other factors on total demand, market shares and hence on the accuracy of planning. Fleet planning methods.

c) Forecasting for Airport Planning

Development of airport forecasts and identification of airport planning parameters (e.g. numbers of passengers and aircraft movements during peak periods, numbers of visitors to airport, etc.). Techniques and assumptions for deriving planning parameters from traffic forecasts. Constrained airport forecasts.

d) Forecasting for Air Navigation Systems Planning

Development of key forecasts and identification of primary planning parameters.

References for Item 3:

ICAO Airport Planning Manual - Part 1: Master Planning (Doc 9184), particularly Chapter 3.

Manual on Air Traffic Forecasting (Doc 8991).

Outlook for Air Transport to the Year 2025 (Circular 313).

Item 4: Economic Aspects of CNS/ATM systems

Cost/benefit analysis of the implementation of the new satellite-based communications, navigation and surveillance/air traffic management (CNS/ATM) systems, including the development of business cases.

Reference: Economics of Satellite-Based Air Navigation Services (Circular 257).

Item 5: Economic Aspects of Aviation Environmental Protection

Highlights of ICAO's work on Aviation Environmental Protection including technical, operational and market based measures. Economic assessment of environmental measures. Discussion of the economic impact of such measures on the industry.

Item 6: Air Transport Potential and Outlook for the Region

Discussion of historical traffic trends and airline market shares. Discussion of major factors affecting the traffic growth for the region, including economic overview, market structure, cost and financial trends, effects of deregulation and other stimulants and constraints. Exchange of views on future traffic growth in the region. Traffic forecasts for the region.

Item 7: Current Economic Planning Issues in the Region including Airline, Airport and Air Navigation Systems Planning

Exchange of views of current economic and other planning activities in the States of the region, and discussion of issues and problems faced in such activities.
