



Asia-Pacific  
Economic Cooperation

---

2007/TPTWG29/AEG/ASASG/012

**Report of the Aviation Safety Subgroup (AEG-ASASG)  
of Aviation Experts Group (AEG) of the  
29<sup>th</sup> APEC Transportation Working Group Meeting  
July 10-11, 2007, Chinese Taipei**

Submitted by: The United States



29<sup>th</sup> APEC Transportation Working Group Meeting  
Chinese Taipei  
9-13 July 2007

**REPORT OF THE AVIATION SAFETY SUBGROUP (AEG-ASASG) OF  
AVIATION EXPERTS GROUP (AEG) OF THE  
29<sup>TH</sup> APEC TRANSPORTATION WORKING GROUP (TPTWG)  
JULY 10 – 11, 2007, CHINESE TAIPEI**

- 1.0 Welcome and introductions.** The Chair, the United States opened the meeting and welcomed participants to the Aviation Safety Subgroup meeting. The Deputy Chair, China, was introduced. Participants were introduced. The following economies participated: China (1), Japan (1), Korea (1), Malaysia (1), Philippines (1), Chinese Taipei (6), Thailand (1), United States (1) and Viet Nam (1). Macau China (1) was present as an observer.
- 2.0 Review/Modification of Agenda.** The draft agenda was reviewed and modified to reflect information sharing presentations from economies and to review additional documentation coming from the 5<sup>th</sup> APEC Ministerial which was needed to add Ministerial directives to the draft ASASG work plan for the coming years.
- 3.0. Review of AEG-ASASG 28 Final Report.** The AEG-ASASG 28 report was provided for participants review as it contained items for consideration for future work.
- 4.0 Economy presentations – information sharing**
- Chinese Taipei presented the implementation of Safety Management Systems (SMS), (2007/TPTWG29/AEG/ASASG/006).
  - The Philippines presented a paper on CNS/ATM training in the Philippines. The Philippines received the courses through the ICAO TRAINAIR Programme and modified the Standard Training Packages (STPs) for their own use, which would be consistent with the needs of other APEC economies. (2007/TPTWG29/AEG/ASASG/009).
  - China noted the successful SMS seminar presented by ICAO COSCAP-North Asia and provided the seminar material via CD-ROM to participants. China also provided a copy of its CCAR-129 Ramp Inspection Worksheet, which has been developed in cooperation with ICAO-COSCAP North Asia.
  - A GNSS workshop will be held in Thailand following a meeting of the TPT Intermodal and Intelligent Transport System, GNSS Implementation Team (GIT12). It is planned to be held during the first quarter of calendar year 2008.
- 5.0 New Issues.** During the Plenary I of the Aviation Experts Group (AEG), the subgroups were asked to develop a work plan to implement the 5<sup>th</sup> APEC Transport Ministers Statement.

Participants were asked to review the Table of Directives prepared by Australia (2007/TPTWG29/HOD One/3.2) which identified the numbered Ministers Statements to particular TPT working groups or subgroups. The TPT working groups or subgroups were then asked to identify their particular Ministerial assignments against the APEC Roadmap Recommendations (2007/TPTWG29/HOD/004). After this review, the ASASG noted that it was responsible for developing projects to implement the Minister's Statements numbered: 53; 54; 55; and 58.

With regard to fitting the Ministerial Directives to the Roadmap, and other comments, the ASASG noted these as follows:

Roadmap item 1. Continue to make liberalization of transport services and infrastructure key policy items in APEC economies: The ASASG noted the statement that economies make safety, security environmental standards the basis for issuing licenses and recommends that it be a separate bullet under item one. Further the ASASG notes the ICAO requirements that each economy meet minimum safety and security requirements is the foundation to liberalization of air transport services. The ASASG also noted that the APEC tourism group should also be interested in the work of the AEG ASASG and AvSec (security) subgroups.

The ASASG noted one potential project that would address Ministerial Directive 55, Roadmap 1.

Roadmap item 2. Address capacity building issues.

The ASASG noted that Ministerial Statements numbers 53 and 58 would be addressed under this item.

Roadmap item 3. Promote technological advances.

The ASASG noted that Ministerial Statement number 54 would be addressed under this item.

Roadmap item 4. Work towards harmonization of regulatory practices and mutual recognition.

The ASASG noted that Ministerial Statements number 55 would be addressed under this item.

Roadmap item 5. Promote effective safety and security measures.

The ASASG noted that Ministerial Statements numbers 54 and 55 would be addressed under this item.

Roadmap item 6. Promote environmentally friendly and sustainable transport.

The ASASG noted that Ministerial Statements number 53 would be addressed under this item. The ASASG agreed that sharing safety information on the ICAO Annex 18 requirements of transport of dangerous goods by air should be shared with the APEC TPT Intermodal and Intelligent Transport System (ITS). It was also noted that the technology of GNSS, which is the subject of the GNSS Implementation Team under the ITS, has both safety and environmental benefits for air transportation by allowing navigation over more direct routes and has application for use by other modes of transport.

**6.0 Outstanding Issues** The ASASG agreed that a new technologies workshop II was needed and addressed it under the item 7.0 to review the ASASG work plan in light of the Minister's Directive.

**7.0 Review of the ASASG work plan.** The ASASG review the potential project list that has been developed during the last SAF meeting (2007/TPTWG29/AEG/ASASG/004). It was agreed that all items were relevant to the entire APEC region with the exception of possibly Unmanned Aerial Vehicles (UAVs), which would have a lower priority to other items. Additionally it was noted that data exchange of ramp inspectors of foreign carriers and ICAO Endorsed Government Safety Inspector training should also be added to the list. All of the potential projects and actions should be added to the ASASG work plan (2007/TPTWG/AEG/ASASG/005) as items to be progressed over the next 2-3 years leading to the next APEC Transport Ministerial. The new ASASG work plan is attached to this report.

**8.0 Comments from Economies on ASASG Work Plan.** Participants noted that the work of the ASASG would largely be progressed intercessionally. The ASASG will seek APEC funding and assistance for some of the activities in the work plan.

**9.0 Further Development of ASASG Contact List.** Contact information was received from participants. It was noted that contact information with the appropriate safety experts from each economy is needed in order to progress the work. The TPTWG Heads of Delegation will be contacted by the ASASG Chair to confirm appropriate safety contacts for each economy.

**10.0 Closing Remarks.** The Chair thanked everyone for their participation and contributions to the development of the work plan.

## AVIATION SAFETY SUB-GROUP (AEG-ASASG)

### WORK PLAN

<i>Ministerial Directive/Roadmap</i>	<i>Activity</i>	<i>Timeframe</i>	<i>Benefits</i>	<i>Beneficiaries</i>	<i>Lead</i>
Adapt to new and better ways of operating, including the use of new technologies. Ministerial Directive 53; Roadmap 3	The ASASG will pursue a second New Technologies Workshop (NTW II) to discuss best practices of implementing Performance Based Navigation within the APEC region in a manner that compliments ongoing ICAO efforts. This would include: RNAV/RNP; Precision landing/all weather operations (CAT II/ III) and UAVs (UAV is information only as it is low priority)	2008	Equip Economies Civil Aviation Authorities (CAAs) with the capability to safely implement operational approvals for new technologies in order to address safety and capacity issues.	APEC Economies, in particular those participating in the GIT effort; aviation industries; and the APEC traveling public.	United States
Share information on Safety Management System Implementation (SMS). Ministerial Directive 54; Roadmap 3.	The ASASG will pursue a workshop on SMS, and implementation according to ICAO Standards and Recommended Practices (SARPs). ICAO implementation date is January 1, 2009.	2008	Equip Economies and industry with the capability to safely implement SMS.	APEC Economies, Civil Aviation Authorities, industries; and the APEC traveling public.	China/United States
Share information and implement initiatives of	The ASASG will pursue a workshop on licensing/validatio	2009	Share information and support harmonization efforts in regards to	APEC Economies, Civil Aviation	United States

<i>Ministerial Directive/Roadmap</i>	<i>Activity</i>	<i>Timeframe</i>	<i>Benefits</i>	<i>Beneficiaries</i>	<i>Lead</i>
ICAO. Ministerial Directive 55; Roadmap 1 and 4	n (safety and security) of foreign carriers as liberalisation efforts within APEC increase		foreign carrier licensing/validation and results of ICAO Operations Specification Study Group (regarding updating of ICAO Doc 8335).	Authorities, and air carrier industry.	
Share information and implement initiatives of ICAO. Ministerial Directive 55; Roadmap 4	Pursue a workshop to assist economies on the implementation of ICAO Language Proficiency (ICAO Annex 1: 1.2.9), to be implemented by March 5, 2008	2007 High priority	Share information and implement initiatives of ICAO and support harmonization in implementation of ICAO Language Proficiency requirements.	Economies, Civil Aviation Authorities, and air carrier industry, pilots and air traffic service providers.	Canada to be requested to take the lead
Establishment of a register of transport safety training capabilities in member economies to assist with capacity building. Ministerial Directive 58; Roadmap 2	Each economy to provide a list of 1 aviation training centers for airman training, 2 inspector training 3 technical assistance capabilities of member economies; Training opportunities may be further explored	End of 2007	Share information on capability building between economies; information may be requested to be kept on APEC website	Economies, Civil Aviation Authorities, industry and the traveling public.	All APEC economies
Ensure good safety outcomes in aviation; address ICAO requirements. Ministerial Directive 55; Roadmap 4	Each economy to explore ways to harmonize ramp inspection program and to exchange this data regarding foreign carriers with other economies; pursue interest International Aviation Safety	2008	Share information on foreign carrier ramp inspections/data exchange	Economies, Civil Aviation Authorities, industry and the traveling public.	United States, Canada, Australia, China, Korea

<i>Ministerial Directive/Roadmap</i>	<i>Activity</i>	<i>Timeframe</i>	<i>Benefits</i>	<i>Beneficiaries</i>	<i>Lead</i>
	Data Exchange (IASDEX) system				
Improve the capacity of member economies. Ministerial Directive 53; Roadmap 6	Pursue information on the IATA fuel efficiency gap program	2008	Request IATA to provide information for Civil Aviation Authorities and air carriers.	Economies, Civil Aviation Authorities, air carriers, the traveling public.	United States
Complement initiatives of ICAO. Ministerial Directive 55; Roadmap 4	ASASG to review outcomes of ICAO 36th Assembly to be held in Montreal September 2007 and determine if other initiatives need to be addressed by the ASASG	2008	Harmonized implementation of ICAO requirements.	APEC economies, industry and the traveling public.	All economies at the next ASASG

# AGENDA

## 1.0 Welcome and Introductions

- 1.1 AEG-ASASG Chair, United States
- 1.2 AEG-ASASG Vice-Chair, China
- 1.3 AEG-ASASG Participants

## 2.0 Review of/Modifications to Agenda

## 3.0 Review of AEG-ASASG 28 Final Report

## 4.0 Economy presentations – information sharing

- 4.1 Implementation of SMS (Chinese Taipei)
- 4.2 CNS/ATM training under the TRAINAIR program (Philippines)
- 4.3 Ramp inspection worksheet and SMS seminar material (China)
- 4.4 GNSS workshop – (Thailand)

## 5.0 New Issues

- 5.1 5<sup>th</sup> APEC Transportation Ministerial Statement
- 5.2 Table of Directives of the 5<sup>th</sup> APEC Transportation Ministerial Statement
- 5.3 Roadmap's Draft Recommendations

## 6.0 Outstanding Issues

- 6.1 New Technologies Workshop II

## 7.0 Review of ASASG Work Plan

- 7.1 Potential Projects List
- 7.2 Review of ASASG Operations Plan

## 8.0 Comments from Economies on ASASG Work Plan

## 9.0 Further Development of ASASG Contact List

## 10.0 Closing Remarks

### Participants List

<b>Name</b>	<b>Economy</b>	<b>Telephone</b>	<b>Email</b>
Emily A. White	USA	1-202-385-8073	Emily.a.white@faa.gov
Jaing Rui	China	86-10-64092409	jiangrui@caac.gov.cn
Wato Sakumi	Japan	81-3-5253-8111 (ex. 50166)	Sakumi-w2n2@mlit.go.jp
Aizal Bin Anual	Malaysia	603-8886-6045	aizal@mot.gov.my
Willy Yu	Chinese Taipei	886-2-23496076	willy@mail.gov.tw
Clark Lin	Chinese Taipei	886-2-23496108	clark@mail.gov.tw
Brian Lai	Macao, China	853-7964-143	bridnlai@aacm.gov.mo
SenJae Oh	Korea	82-2-2110-8193	sjaeoh@moct.go.kr
Wilfred S. Borna	Philippines	632-8799259	chief-ats@ato.gov.ph
Chutintorn Pongpairoj	Thailand	66-8-1920-5060	chutin@aerothai.co.th oh007aero@hotmail.com
Luu Van Doan	Vietnam	84-4-8720736	lvdoan@caa.gov.vn