



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**SECOND MEETING OF THE
ASIA PACIFIC ACCIDENT INVESTIGATION GROUP
(APAC – AIG/2)**

HONG KONG, CHINA, 27 – 28 MAY 2014

**RECORD OF DISCUSSIONS AND
CONCLUSIONS**

The views expressed in this Report should be taken as those of the
APAC – AIG and not of ICAO.

Adopted by APAC – AIG and
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**Second Meeting of the Asia Pacific Accident Investigation Group
(APAC – AIG/2)**

**27 - 28 May 2014
Hong Kong, China**

RECORD OF DISCUSSIONS AND CONCLUSIONS

1. Meeting and Attendance

1.1 The APAC – AIG/2 Meeting was held at the headquarters of the Civil Aviation Department, Hong Kong, China on 27 – 28 May 2014.

1.2 The APAC – AIG/2 Meeting was attended by 34 participants from 15 Member States/Administrations i.e. Australia, Bangladesh, Cambodia, China, Hong Kong China, Macao China, France, Indonesia, Japan, Mongolia, Nepal, Philippines, Republic of Korea, Singapore, Thailand and 4 representatives from 3 International Organization/Industry Partners i.e. AAPA, ICAO and IFALPA.

1.3 The detailed attendance list is in **Attachment A**.

2. Opening Session

2.1 Mr. Norman Lo, Director-General of Civil Aviation, Civil Aviation Department, Hong Kong, China, welcomed the participants to APAC-AIG/2.

2.2 Mr. Chan Wing Keong, Director, Air Accident Investigation Bureau of Singapore and Chairman of the APAC – AIG made the opening remarks.

2.3 Mr. Amal Hewawasam, Regional Officer Flight Safety, International Civil Aviation Organization (ICAO), Asia and Pacific delivered the welcome address.

3. Introduction of Participants

3.1 The delegates were invited to introduce themselves.

4. Meeting Arrangements and Adoption of Agenda

4.1 Meeting Arrangements

4.1.1 The meeting was chaired by Chairman APAC – AIG, Mr. Chan Wing Keong and Vice-Chairman, Dr. Richard Batt.

4.1.2 Mr. Amal Hewawasam, ICAO Regional Officer Flight Safety acted as Secretary to the meeting.

4.2 Adoption of Agenda (WP/1) - Secretariat

4.2.1 The following agenda was proposed and adopted.

Agenda Item 1: Review of the conclusions of APAC-AIG/1

Agenda Item 2: Report on recent accident/incident investigation related developments and activities

Agenda Item 3: Independence of accident/incident investigation system

Agenda Item 4: Work Plan

Agenda Item 5: Other Business

5. Agenda Item 1: Review of the conclusions of APAC-AIG/1

5.1 Status of Conclusions from APAC-AIG/1 (IP/2) - Chairman

5.1.1 The paper presented, and the meeting noted, the progress made in respect to the conclusions developed at APAC-AIG/1.

5.1.2 In particular, Bangladesh has completed the development of the software for the database of APAC accident/incident investigation bodies, with the inputs from thirteen States/Administrations who have already provided the requested information to the database.

5.1.3 Bangladesh confirmed that it would update the database, upon receipt of information from States/Administrations, and provide the information to the ICAO APAC Office.

5.1.4 ICAO APAC Office informed the meeting that it will be able to host the database in the form of a pdf document.

5.1.5 The meeting developed the following conclusion:

Conclusion APAC-AIG 2/1

That, ICAO APAC Office will send a State Letter, on a half yearly basis, to invite States/Administrations to update the information in the database.

5.2 Report on the Works of the APAC-AIG to the APRAST (IP/3) - Chairman

5.2.1 The meeting noted that the Chairman, at the Fourth Meeting of the Asia Pacific Regional Aviation Safety Team (APRAST/4), reported the work undertaken by the APAC-AIG.

5.2.2 The Chairman informed the meeting that the ICAO Regional Director, at APRAST/4, emphasized the importance for States/Administrations to establish an independent accident investigation authority. The ICAO Regional Director also urged States/Administrations to pledge support to the APAC Code of Conduct on investigation cooperation and to respond to ICAO APAC Office's request for input regarding the database on APAC investigation agencies.

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5.2.3 The meeting noted that the APRAST will forward Conclusions 1/1, 1/2, 1/3, 1/4 and 1/7 developed at APAC-AIG/1 (see **Table 1**) to RASG-APAC for consideration and, where relevant, inclusion in its Yearly Programme.

Ref to APAC-AIG/1 Conclusion	Status of Follow-up
1/1	Development of Conclusion APRAST 4/1: That, APRAST recommend RASG - APAC to draw the States/Administrations' attention to the ICAO State Letter 2013/55 dated 19 July 2013 [Ref. AN 6/12-13/55] which proposes a new standard specifying that "States shall establish an accident investigation authority that is independent from State aviation authorities and other entities that could interfere with the conduct or objectivity of an investigation."
1/2	Development of Conclusion APRAST 4/2: That, APRAST recommend RASG-APAC to encourage States/Administrations that have not yet established an independent accident investigation authority to do so as soon as possible.
1/3	Development of Conclusion APRAST 4/3: That, APRAST recommend RASG-APAC to inform States/Administrations that the APAC-AIG can be consulted on matters relating to their plan to set up an independent accident investigation authority.
1/4	Development of Conclusion APRAST 4/4: That, APRAST recommend RASG-APAC to encourage States/Administrations to accept requests for observer participation when they are conducting investigations.
1/7	Development of Conclusion APRAST 4/5: That, APRAST recommend RASG-APAC to encourage States/Administrations to invite investigators from other States/ Administrations to join the training that they organise, in order to help raise the knowledge, skill and experience of investigators in the APAC region.

Table 1: APAC-AIG/1 Conclusions to be forwarded to RASG

6. Agenda Item 2: Report on recent accident/incident investigation related development and activities

6.1 APRAST Development of Regional Targets (IP/4) - Secretariat

6.1.1 This paper presented the regional priorities and targets proposed by the APRAST.

6.1.2 The meeting noted that the APRAST had recommended to the RASG-APAC that States/Administrations are encouraged to consider it a priority to implement the APAC-AIG's recommendations to address Annex 13 requirements.

6.2 Amendment 14 to Annex 13 (IP/5) – Chairman

6.2.1 This paper presented, and the meeting noted, the changes introduced by Amendment 14 to Annex 13.

6.3 Regional Cooperation in the Search and Recovery of ATR-72 Flight Recorders (IP/7) – France and Singapore

6.3.1 This paper presented the experience in the cooperation among France, Lao PDR and Singapore in the recent search and recovery of the flight recorders of an ATR-72 that crashed into the Mekong River in Pakse, Lao PDR.

6.3.2 The meeting noted that the good teamwork and cooperation among investigators from the three States contributed to the successful recovery of the flight recorders.

6.3.3 This paper highlighted the importance of fostering good networking and close regional cooperation as these can be very useful in times of need. States/Administrations are encouraged to seek assistance when needed.

6.4 Briefing on the ICAO Multi-disciplinary Meeting on Global Flight Tracking (WP/2) – Chairman of ICAO Flight Recorder Panel

6.4.1 The paper presented, and the meeting noted, the work of the ICAO special meeting that was held on 12 – 13 May 2014 to explore the need for globally tracking airline flights. (Details are available at: <http://www.icao.int/Meetings/GTM/Pages/default.aspx>)

6.5 Developing Database for Underwater Search Resources in Asia (WP/3) – France

6.5.1 This paper proposed the development of a database of underwater search resources in Asia in an effort to improve the chances of a successful recovery of the flight recorders should an aircraft crash into water.

6.5.2 The meeting developed the following conclusions:

Conclusion APAC-AIG 2/2

that, the database of APAC accident/incident investigation bodies will be expanded to include information on underwater search resources.

Conclusion APAC-AIG 2/3

that, France and Singapore will propose what information on underwater search resources should be included in the expanded database.

6.6 Handling of Serious Incidents (IP/7) – Hong Kong, China

6.6.1 This paper discussed the challenges faced by investigation authorities when investigating a serious incident. The meeting noted the measures that Hong Kong, China, had developed to improve its readiness in the handling of serious incidents.

6.6.2 The meeting agreed that, irrespective of the classification of an occurrence (incident vs serious incident), it is important to ensure that all occurrences with valuable safety lessons are investigated.

6.7 Protection of Safety Information in Singapore (IP/8) – Singapore

6.7.1 This paper presented, and the meeting noted, the legal provisions introduced in Singapore on protection of safety information derived from accident/incident investigation and the Singapore Confidential Aviation Incident Reporting Programme.

6.8 Accident Investigation Workshop in Vietnam (IP/11) – Singapore

6.8.1 The paper presented the experience of the Air Accident investigation Bureau (AAIB) of Singapore which supported the conduct of a recent accident investigation workshop organised by the Civil Aviation Authority of Vietnam.

6.8.2 The meeting noted that the AAIB Singapore is glad to support other States/Administrations in the Asia and Pacific regions in their conduct of any aircraft accident investigation workshops.

7. Agenda Item 3: Independence of accident/incident investigation system

7.1 Investigation Arrangement for a British Overseas Territory (WP/4) – Singapore

7.1.1 The paper presented the arrangement in Montserrat, a British Overseas Territory, in which the UK Chief Inspector of Air Accidents had been appointed as the Chief Inspector of Accidents for Montserrat.

7.1.2 Accidents and incidents in Montserrat are managed by trained local personnel, pending the arrival of inspectors from the UK Air Accidents Investigation Branch.

7.1.3 The meeting encouraged States/Administrations that have yet to establish an independent investigation system, to consider such an arrangement, if necessary.

8. Agenda Item 4: Work Plan

8.1 Investigation Capacity Building – Maintaining Investigation Skills (WP/5) - Singapore

8.1.1 This paper highlighted, and the meeting noted, the importance of building aircraft accident investigation capacity through exercises and recurrent training.

8.2 Training Events in Singapore (IP/10) – Singapore

8.2.1 This paper presented two training events, the Advanced Investigation Workshop and Workshop on Underwater Search of Flight Recorders, which the AAIB Singapore is planning to organise in July 2014.

8.2.2 The meeting developed the following conclusion:

Conclusion APAC-AIG 2/4

that, the ICAO APAC Office circulate the invitation to nominate participants for the Advanced Investigation Workshop and Workshop on Underwater Search of Flight Recorders to States/Administrations.

8.3 Updates to Work Plan (WP/6) – Chairman

8.3.1 This paper presented, and the meeting noted, the APAC-AIG work plan.

8.3.2 The Vice Chairman informed the meeting of the informal group of the International Confidential Aviation Safety Systems (ICASS) to be held in Canberra on 3 – 7 November 2014.

8.3.3 The updated APAC-AIG work plan is in **Attachment B**.

9. Agenda Item 5: Other Business

9.1 The Asian Society of Air Safety Investigators (WP/7) – Hong Kong, China on behalf of AsiaSASI

9.1.1 The paper described the formation of and work done by the Asian Society of Air Safety Investigators (AsiaSASI), which is the Asian regional chapter of the International Society of Air Safety Investigators (ISASI).

9.1.2 The meeting developed the following conclusion:

Conclusion APAC-AIG 2/5

That, APAC-AIG recommend to APRAST that RASG-APAC encourage its members to consider joining AsiaSASI.

10. Date and Venue for APAC-AIG/3

10.1 The APAC-AIG/2 decided that the Third meeting of the APAC-AIG will tentatively be held in 2015 in Colombo, Sri Lanka in conjunction with Sri Lanka's hosting of the ICAO Asia Pacific Regional Accident Investigation Workshop.

11. Adoption of Conclusions

11.1 The APAC-AIG/2 meeting adopted the Conclusions and requested that they be presented to the RASG APAC.

12. Closing of the Meeting

12.1 The Chairman thanked the meeting participants for their contributions.

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Attachment A

List of Attendance

2nd Meeting of the Asia Pacific Accident Investigation Group (APAC-AIG/2)

Hong Kong, China, 27-28 May 2014

Participants from States/Administrations					
State/Name		Title/Organization	Tel/Fax Number	e-mail	
1.	AUSTRALIA				
	1.	Mr. Richard Batt	Manager International Australian Transport Safety Bureau	Tel.: +61-2-6274 6404 Cell: +61-418-411 047 Fax: +61-2-6274 6207	Richard.batt@atsb.gov.au ;
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3.	CAMBODIA			
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5.	HONG KONG, CHINA			
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	26.	Capt. Saturnino B. Dela Cruz	Assistant Director General I / Officer-In-Charge, AAIIB Civil Aviation Authority of the Philippines	Tel.: +63-2-879 9225 Fax: +63-2-879 9225 chiefavsafety@yahoo.com ;
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Participants from International Organisations and Industry Partners				
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Attachment B

APAC AIG Workplan

Activities/Events		APAC AIG Meeting	ICAO Regional Workshop	AsiaSASJ Workshop	ISASI Annual Seminar	International Accident Investigation Forum	Meeting of the ICASS	1st Asian Turbo-mech Engine Seminar	ICAO Technical and End-User Courses on ECCAIRS	Advanced Investigation Training	Workshop on Underwater Search of Flight Recorders	Aircraft Accident Site Safety Workshop	ECCAIRS In-house Training	Create AIG Database
2013	Q1													
	Q2			13-14 Jun Taipei		23-25 Apr Singapore								
	Q3	18-19 Sep Bali	16-17 Sep Bali		19-22 Aug Vancouver							22-24 Jul Singapore	25-26 Jul Singapore	
	Q4													Provision of Data Database developed
2014	Q1													
	Q2	27 - 28 May Hong Kong		29 - 30 May Hong Kong				1 - 4 Apr Singapore	14 - 23 May New Deli					
	Q3									21 - 25 Jul Singapore	30 - 31 Jul Singapore			
	Q4		Proposed		13-16 Oct Adelaide		3 - 7 Nov Canberra							
2015	Q1													
	Q2	Proposed Sri Lanka	Proposed Sri Lanka											
	Q3				24- 27 Aug Augsburg									
	Q4													
2016	Q1													
	Q2	Proposed Apr Republic of	Proposed Apr Republic of			Proposed Apr								
	Q3													
	Q4													
2017	Q1													
	Q2	Proposed Apr	Proposed Apr											
	Q3													
	Q4													

Legend:

- Planned Events
- Proposed Events
- Estimated duration of work activities