SEMINAR ON AERODROME EMERGENCY PLANNING

JOINTLY ORGANIZED BY AIRPORT EMERGENCY SERVICE, CIVIL AVIATION AUTHORITY OF SINGAPORE AND ICAO ASIA AND PACIFIC OFFICE, BANGKOK

(Singapore Aviation Academy, 20 to 22 October 2008)

SUMMARY

1. INTRODUCTION

1.1 The Aerodrome Emergency Planning (AEP) Seminar was conducted in the form of audio visual presentations by speakers having experience in airport related emergencies to provide and share information, experience, best practices with participants on aerodrome emergency planning and testing.

1.2 The AEP Seminar was organized in coordination with the Airport Emergency Service Division of Civil Aviation Authority of Singapore (CAAS) from 20 to 22 October 2008 in Singapore and was attended by 118 delegates from 26 Asia/Pacific States.

1.3 The speakers were from Ministry of Transport, Singapore, Government Hospitals in Singapore, Singapore Police Force, Qantas Airways, Corporate Communications, Airport Operations and Legal Divisions of CAAS and Aircraft Accident Investigation Bureau, Singapore. Daily sessions for questions and answers were allocated during the Seminar. The List of Participants is at Attachment A.

1.4 The Agenda item for the seminar is given at Attachment B. A field trip was arranged by AES, CAAS to the Tanah Merah Ferry Terminal and crisis management cells at Changi Airport to observe the full scale aircraft crash at sea exercise on 21 October 2008. A panel discussion on the exercise was conducted on 22 October to solicit feedback and comments from the seminar participants.

2. OBJECTIVE OF THE SEMINAR

2.1 The ICAO Regional Office initiated a survey in April 2008 to assess the level of implementation of ICAO Annex 14 requirements on AEP and conduct of exercise to test the plan. One State indicated that “A seminar held at a major international airport would be beneficial for Aerodrome Inspectors. Holding the seminar to coincide with an emergency exercise would greatly help the government agencies to assess the usefulness of those exercise held within their states”. Another State has indicated that “Assistance in the form of seminar on how to conduct a full scale exercise will be welcomed….”

2.2 The objective of the seminar was to increase awareness and gain knowledge on managing a full scale off shore aircraft accident exercise as well as exchanging experts experience in the field.
3. AGENDA AND OVERVIEW OF PRESENTATIONS

3.1 Mr. Lim Kim Choon, Director General and CEO, CAAS delivered the welcome address. The ICAO Regional Officer AGA delivered the opening remarks and thanked the delegates for their attendance, speakers, their Administrations and CAAS for organizing the seminar. RO/AGA highlighted the requirement for AEP and the necessity for having in place a harmonized and organized emergency plan that can effectively deal with an emergency situation at an aerodrome or at its vicinity.

3.2 The Day 1 presentation included a paper on Ministry of Transport’s Crisis Management Framework. This paper highlighted the Ministry’s crisis management system, its composition, goals and timely management of the crisis. Two interesting papers were presented by doctors from two of Singapore’s government hospitals. One paper highlighted the importance of first aid and timely evacuation of injured passengers to the nearest hospital. The other paper talked about post traumatic stress disorder care to relatives of deceased and injured passengers, and staff handling such emergencies. The importance of early psychological intervention was stressed upon.

3.3 Singapore Police Force presented a paper on Security at Landing Point. This paper highlighted the role of Police in aircraft emergencies. This involved:

- Security at landing point to facilitate rescue operations
- Crowd control
- Traffic control
- Casualty information collation
- Investigation

3.4 The CAAS Airport Operations Division presented a paper on the Crisis Management set up at Changi Airport. The command and control structure of the Crisis Management Directorate (CMD) was explained. The role and responsibilities of the various groups under the CMD such as Information Management Group, Casualty Clearance Station, Accident Investigation Group and Next-of-Kin Group were highlighted in addition to the roles and responsibilities of the Airline. It was informed that:

- Airline plays a critical role to ensure smooth and efficient crisis mitigation
- Airline has important responsibilities in each of the crisis management centre cells.
- Important to proactively engage airlines in emergency planning and active participation in crash simulation exercise. After action review to gather feedback and improve plan and procedures.
- Airline should release confirmed passenger manifest as soon as possible.
- Management of next of Kin.
- Constantly review and practice the roles and responsibilities in the crisis management set up
- Important for all agencies to understand each others roles and responsibilities
- Integration of plans and validation of procedures through exercises are essential.
3.5 The Corporate Communications Division of CAAS explained the communication challenges in a crisis such as managing speculation and rumors, managing adverse or negative reporting and on the role and responsibilities. It was informed that the role of IMG is to safeguard the image of CAAS during a crisis through:

- effective management of information flow to the public via the media;
- pro-active and pre-emptive communications strategy to allay concerns and restore confidence.

3.6 The Aircraft Accident Investigation Bureau, Singapore highlighted the importance of Airport emergency plan and crash exercise for the following reasons:

- Lists the activities for which assistance is required (Police, health, Airlines, Airlines engineering Agent, defence etc.)
- Familiarize the different agencies (hospital, Airlines etc)
- Familiarize the aircraft accident investigators with initial investigation procedures
- Familiarize airline representatives with their roles and responsibilities
- Test and improve on AEP procedures.


3.8 She also recalled the guidance available in Circular 285 on assistance to aircraft accident victims and their families. On liability treaties, reference was made to Warsaw Convention 1929, Montreal Convention 1999 and Rome Convention 1952.

3.9 Full scale aircraft crash exercise at Changi Airport:

*Exercise Objectives:*

i) To practice procedures for full emergency, followed by crash action for an aircraft crash at sea within Airport Emergency Service (AES) turn out area;

ii) To practice the coordination and radio communications amongst surface craft involved in the rescue operations viz- AES, Police Coast Guard, Navy, and Maritime & Port Authority;

iii) To practice Ops Group operating procedures for an aircraft crash at sea at the proposed new crisis management centre at Terminal 2;

iv) To practice relatives handling including the breaking of news of fatalities to the Next of Kins in the relative holding area;

v) To practice Aircraft accident investigation procedures; and

vi) To practice management of information dissemination to the media.
3.10 Exercise Scenario: A fictitious Boeing 747 aircraft, operated by Bobcat Airlines with 100 passengers on board is enroute from Bangkok to Sydney. Halfway to its destination, there was an uncontained explosion to the aircraft’s No 2 engine. At 120 nautical miles from Changi Airport, the Pilot contacted Singapore Air Traffic Control Centre asking for an emergency landing at Changi Airport.

3.11 In consultation with the Changi control Tower, AES Operations Commander declares full emergency. When the aircraft is about 3.2 nautical miles south west of Changi control tower, the pilot reports that the aircraft is nose diving towards the sea. Changi Control Tower immediately activates Crash action. The aircraft ditched while approaching runway 02C at approximately South West of Control Tower.

**Exercise areas:**

- Crash site (3.2 nautical miles from the threshold of runway 02C).
- Landing Point at Tanah Merah ferry terminal
- Crisis Management centre
- Relative Holding Area
- Media Centre
- Private Matching Area

**Areas of visit:**

1) Landing point- Tanah Merah Ferry Terminal
2) Triage area & command posts
3) Casualty clearance station liaison committee
4) Crisis management centre
5) Media centre
6) Relatives holding Area

3.12 Following the video screening and re-cap of the exercise on 22 October, the participants actively participated in the Panel discussions. The Chief, Airport Emergency Service, CAAS, Senior Assistant Director/ Emergency Preparedness, Ministry of Transport, Assistant Director (Operations Control), Ministry of Health, Controller (Operational & Contingency Plans)- Maritime Port Authority and Manager Crisis Planning, Quanta’s Airlines Ltd were present to facilitate discussions. Several observations were made which were noted by the participants and organizers of the exercise.

### 4. CONCLUSION

4.1 Participants’ indicated that the seminar was useful, well conducted, well presented and interesting. The participants appreciated the presentations made by subject matter experts and the full scale exercise from which they could improve their knowledge on AEP and the testing of their plans. The seminar was also successful in establishing a net working of contacts for participants to share information.
4.2 ICAO Regional Officer/AGA distributed the Certificate of Attendance to the participants and delivered the closing remarks. In his closing remarks the Regional Officer expressed his gratitude to CAAS for organizing the seminar, participants for their attendance, their Administration and the Speakers. In conclusion he made the following statement:

‘AIRCRAFT EMERGENCY IS ONE OF THE MOST CRITICAL CHALLENGES FACING AERODROME MANAGEMENT. TO ENSURE AN APPROPRIATE RESPONSE AT SUCH TIMES OF EMERGENCY, A SOUND AERODROME EMERGENCY PLAN (AEP) IS ESSENTIAL. EXPERIENCE HAS SHOWN THAT AN EMERGENCY PLAN, IF NOT TESTED BY DRILLS AT REGULAR INTERVALS IS NOT CONSIDERED TO BE AN EFFECTIVE PLAN. IT IS IMPORTANT THAT THE PLAN CONTAINS PROCEDURES REQUIRING THAT THE AIRPORT EMERGENCY PLAN BE TESTED SO AS TO CORRECT AS MANY SHORT-COMINGS AS POSSIBLE AND TO FAMILIARIZE ALL AGENCIES CONCERNED WITH THE AIRPORT ENVIRONMENT. IT IS ALSO IMPORTANT THAT DURING THESE EXERCISES THE RESPONSE TIME OF ALL MUTUAL AID AGENCIES BE DETERMINED, PARTICULARLY UNDER ADVERSE WEATHER CONDITIONS AND, WHERE POSSIBLE, MEASURES BE TAKEN TO IMPROVE THEM. IT IS ESSENTIAL THAT, FOLLOWING THE EXERCISE (OR AN EMERGENCY) A HINDSIGHT EVALUATION AND ANALYSIS OF EVENTS BE CONDUCTED IN ORDER TO IDENTIFY AND CORRECT ANY DEFICIENCIES IN THE PLAN’
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<td>Thailand</td>
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<td>Federal Aviation Administration</td>
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<td>United States of America 20591</td>
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<td>P.O. Box 148</td>
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<td>23. United Arab Emirates</td>
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<tr>
<td>32. Singapore Mindef (1)</td>
<td>MAJ Mohd Nizam Bin Yahya Dy G3 (LIC) CCC 2 PDF Division Singapore Armed Forces</td>
<td>Mobil: +65 9798 1477 Fax: +65 6559 7699</td>
<td><a href="mailto:foxtrot@starnet.gov.sg">foxtrot@starnet.gov.sg</a></td>
</tr>
<tr>
<td>33. Singapore Nippon Cargo Airlines (3)</td>
<td>Mr. Yoshio Shibata General Manager NIPPON CARGO AIRLINES CO LTD</td>
<td>Tel: +65 6542 1111 Fax: +65 6542 0197</td>
<td><a href="mailto:yoshio.shibata@nca.aero">yoshio.shibata@nca.aero</a></td>
</tr>
<tr>
<td></td>
<td>Ms. Yuen Wee Wah Manager NIPPON CARGO AIRLINES CO LTD</td>
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<td><a href="mailto:wwjoan.sin@nca.aero">wwjoan.sin@nca.aero</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Tee Chin Soon Assistant Manager NIPPON CARGO AIRLINES CO LTD</td>
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<td><a href="mailto:tee.sin@nca.aero">tee.sin@nca.aero</a></td>
</tr>
<tr>
<td>34. Singapore AirAsia Group (7)</td>
<td>Ms. Malarvili Muthusamy Station Head Singapore Changi Airport Terminal 1 Level 3 # 031-15 Singapore 918144 P.O. Box 98</td>
<td>Tel: +65 6542 1248 Fax: +65 6542 5886</td>
<td><a href="mailto:mala@airasia.com">mala@airasia.com</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Thatri Kwansang Safety Manager Thai AirAsia Thailand</td>
<td>Tel: +66 89 168 6565 Fax: +66 2 315 9807</td>
<td><a href="mailto:thatrik@airasia.com">thatrik@airasia.com</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Thanayu Khamlamai Emergency Response Manager Thai AirAsia Thailand</td>
<td>Tel: +66 81 710 1801 Fax: +66 2 315 9807</td>
<td><a href="mailto:thanayuk@airasia.com">thanayuk@airasia.com</a></td>
</tr>
<tr>
<td>State/Administration</td>
<td>Name/Address</td>
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<td>e-mail address</td>
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</tr>
</tbody>
</table>
| Capt. Stapron Pattaragomol  
Operation Control Manager  
Thai AirAsia  
Thailand | Tel: +66 81 702 9515  
Fax: +66 2 315 9807 | stapornp@airasia.com |
| Mr. Sittichai Promduang  
Head Of Dispatcher  
Thai AirAsia  
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| Rusli Che Mee  
Manager  
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| Mr. MUHAMAD ASRI ABAS  
Safety Officer  
AIRASIA BERHAD  
Malaysia | Tel: 60129271067  
Fax: 03-8660 4364 | muhamadasri@airasia.com |
| Singapore, AES (8) | Mr. Lim Kim Yeow  
Probationary Senior Airport Emergency Officer  
Airport Emergency Service  
Civil Aviation Authority of Singapore |  |
| Mr. Lim Wei Yao  
Probationary Senior Airport Emergency Officer  
Airport Emergency Service  
Civil Aviation Authority of Singapore |  |  |
<table>
<thead>
<tr>
<th>State/Administration</th>
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<th>e-mail address</th>
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<tbody>
<tr>
<td></td>
<td>Mr. Ang Kok Poh  Probationary Senior Airport Emergency Officer  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6541 2524  Fax: +65 6545 7072</td>
<td><a href="mailto:ng_kwek_pang@caas.gov.sg">ng_kwek_pang@caas.gov.sg</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Goh Shao Wei Alvin  Probationary Senior Airport Emergency Officer  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
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<tr>
<td></td>
<td>Mr. Ong Jason  Probationary Senior Airport Emergency Officer  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
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<td></td>
<td>Mr. Leong Kian Kiong  Probationary Senior Airport Emergency Officer  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
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<tr>
<td></td>
<td>Mr. Huang Weikang  Probationary Senior Airport Emergency Officer  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
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<tr>
<td></td>
<td>Mr. Peter Ng Kwek Pang  Superintendent (Fire Safety &amp; Standards)  Airport Emergency Service  Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6541 2524  Fax: +65 6545 7072</td>
<td><a href="mailto:ng_kwek_pang@caas.gov.sg">ng_kwek_pang@caas.gov.sg</a></td>
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<tr>
<td>36. Singapore, AVSEC (3)</td>
<td>Mr. Lyndon Lee&lt;br&gt; Airport Manager (AVSEC)&lt;br&gt; AVIATION SECURITY UNIT&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6541 2383&lt;br&gt; Fax: +65 6546 3566</td>
<td><a href="mailto:lyndon_lee@caas.gov.sg">lyndon_lee@caas.gov.sg</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Tan Hock Guan, Eric&lt;br&gt; Executive (Emergency Planning)&lt;br&gt; AVIATION SECURITY DIV&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6541 2892&lt;br&gt; Fax: +65 6546 3566</td>
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<tr>
<td></td>
<td>Mr. Mustapha Nasar&lt;br&gt; Manager (AVSEC)&lt;br&gt; AVIATION SECURITY DIV&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6541 2176&lt;br&gt; Fax: +65 6546 3566</td>
<td><a href="mailto:mustapha_nasar@caas.gov.sg">mustapha_nasar@caas.gov.sg</a></td>
</tr>
<tr>
<td>37. Singapore, Aerodrome &amp; Air Navigation Services Inspectorate (1)</td>
<td>Mr. Lim Boon Chai&lt;br&gt; Senior Inspector (Aerodromes)&lt;br&gt; Aerodrome &amp; Air Navigation Services Inspectorate&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 65413037&lt;br&gt; Fax: +65 6542 3869</td>
<td><a href="mailto:lim_boon_chai@caas.gov.sg">lim_boon_chai@caas.gov.sg</a></td>
</tr>
<tr>
<td>38. Singapore, Singapore Aviation Academy (2)</td>
<td>Abdullah Thani B. ROHANI&lt;br&gt; Head (SAES)&lt;br&gt; Airport Emergency Service&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6540 6259&lt;br&gt; Fax: +65 6540 6266</td>
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<tr>
<td></td>
<td>FANGERISES S/O C P ROCKY&lt;br&gt; Principal Instructor&lt;br&gt; Airport Emergency Service&lt;br&gt; Civil Aviation Authority of Singapore</td>
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<td><a href="mailto:fangerises_rocky@caas.gov.sg">fangerises_rocky@caas.gov.sg</a></td>
</tr>
<tr>
<td>39. Singapore, Airworthiness/Flight Operations (2)</td>
<td>Tang Kok Liang&lt;br&gt; Head (Certification)&lt;br&gt; Airworthiness / Flight Operations&lt;br&gt; Civil Aviation Authority of Singapore</td>
<td>Tel: +65 6540 2758&lt;br&gt; Fax: +65 6545 6519</td>
<td><a href="mailto:tang_kok_liang@caas.gov.sg">tang_kok_liang@caas.gov.sg</a></td>
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<tr>
<td>State/Administration</td>
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</tr>
</tbody>
</table>
| Wong Chew Wah        | Senior Airworthiness Managers  
Civil Aviation Authority of Singapore | Tel: +65 6540 2994  
Fax: +65 6545 6519 | wong_chew_wah@caas.gov.sg |
| 40. Singapore, Changi Airport International (2) | Mr. TAN THIAM HWA, ALISTAIR  
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Changi Airport International Pte Ltd  
Singapore | Tel: +65 6541 2114 | alistair.tan@cai.sg |
|                      | Mr. Lim Chin Kuan Peter  
Senior Manager  
Changi Airport International Pte Ltd  
Singapore | Tel: +65 9617 9155 | peter.lim@cai.sg |
| 41. Singapore SPF (1) | Insp. Jerlyn Tan (Ms)  
Ops Officer (Ops Planning)  
Airport Police Division  
Singapore Police Force  
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| 42. Mauritius (1)    | Neermala Khoobarry  
Manager Airport and Facility Planning  
Airports of Mauritius Co Ltd (AML)  
8 Joseph Riviere St, Les Casernes, Curepipe | Tel: +230 6036156  
+230 2585 346 | neerm77@hotmail.com  
neermala.khoobarry@aml.mru.ae |
| 43. India (1)        | Ritesh Sharma  
Deputy General Manager Terminal Operations  
Mumbai International Airport Ltd (MIAL)  
Santa Cruz, Mumbai | Tel: + 91 98 33301609 | ritesh.sharma@csia.gvk.com |
| **Total**            | **55**       |                        |               |
ICAO ASIA & PACIFIC
AERODROME EMERGENCY PLANNING (AEP) SEMINAR

Sim Kee Boon Auditorium, Singapore Aviation Academy
Singapore, 20 – 22 October 2008

PROVISIONAL PROGRAMME

Day 1 – 20 October 2008

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>0830 hrs</td>
<td>Registration for AEP Seminar</td>
<td>All guests &amp; participants</td>
</tr>
<tr>
<td>0900 hrs</td>
<td>All guests &amp; participants to be seated</td>
<td>All guests &amp; participants</td>
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</tbody>
</table>
| 0915 hrs | Welcome Address                                                      | Mr Lim Kim Choon
Director-General &
Chief Executive Officer, Civil Aviation
Authority of Singapore |
| 0930 hrs | Opening Address                                                      | Mr Natarajan C. Sekhar
Regional Officer, Aerodrome and
Ground Aids
International Civil Aviation
Organization, Bangkok Regional
Office |
| 0945 hrs | Photo-taking session                                                | All guests & participants                                               |
| 1000 hrs | Tea Break                                                           |                                                                        |
| 1030 hrs | Ministry of Transport Crisis Management Framework                    | Mr Lee Chew Weng
Senior Assistant Director/ Emergency
Preparedness (Head),
Ministry of Transport, Singapore |
| 1115 hrs | Understanding the Psychological Impact of Major Incidents            | Dr Angelina Chan
Senior Consultant Psychiatrist,
Changi General Hospital |
| 1200 hrs | Medical Response to an Aircrash                                      | Dr Mark Leong
Deputy Head, Senior Consultant
Emergency Physician,
Singapore General Hospital |
<p>| 1245 hrs | Lunch                                                               |                                                                        |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400 hrs</td>
<td>Security Issues at Landing Point</td>
<td>Ms Lynette Lim, Operations Officer Ops Planning, Singapore Police Force</td>
</tr>
<tr>
<td>1445 hrs</td>
<td>Crisis Management Centre Operations at Changi Airport</td>
<td>Mr Jeremy Yeo, Deputy Head (HQ), Airport Operations Division, Civil Aviation Authority of Singapore</td>
</tr>
<tr>
<td>1530 hrs</td>
<td>Tea Break</td>
<td></td>
</tr>
<tr>
<td>1600 hrs</td>
<td>Information Management During a Crisis</td>
<td>Ms Julia Jemangin, Manager (Corporate Communications), Corporate Communications Division, Civil Aviation Authority of Singapore</td>
</tr>
<tr>
<td>1645 hrs</td>
<td>Planning for an Air Accident Investigation</td>
<td>Mr Ho See Hai, Principal Investigator, Air Accident Investigation Bureau of Singapore, Ministry of Transport</td>
</tr>
<tr>
<td>1730 hrs</td>
<td>End of Day One</td>
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**Day 2 – 21 October 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>0900 hrs</td>
<td>The Qantas Response to a Major Crisis</td>
<td>Mr Jim Antoni, Manager Crisis Planning, Mr Scott van Eck, Airport Manager Singapore, Qantas Airways Private Limited</td>
</tr>
<tr>
<td>0945 hrs</td>
<td>Tea Break</td>
<td></td>
</tr>
<tr>
<td>1015 hrs</td>
<td>Exercise Planning &amp; Control Structure for Full Scale Aircraft Crash Exercise at Changi Airport</td>
<td>Mr Adrian Lim, Operations Commander, Airport Emergency Service, Civil Aviation Authority of Singapore</td>
</tr>
<tr>
<td>1100 hrs</td>
<td>Briefing for Ex Bobcat II/08 – Full Scale Aircraft Crash at Sea Exercise</td>
<td>Mr Edwin Lim, Staff Officer (Operations Planning), Airport Emergency Service, Civil Aviation Authority of Singapore</td>
</tr>
<tr>
<td>1130 hrs</td>
<td>Lunch</td>
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<tr>
<td>1230 hrs</td>
<td>Transport to Tanah Merah Ferry Terminal</td>
<td></td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Speaker/Notes</td>
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</tbody>
</table>
| 1300 hrs | Commencement of Ex Bobcat II/08 – Full Scale Aircraft Crash at Sea Exercise | Mr Edwin Lim  
Staff Officer (Operations Planning),  
Airport Emergency Service,  
Civil Aviation Authority of Singapore |
| 1700 hrs | End of Ex Bobcat II/08 – Transport back to SAA |                                                                        |
| 1730 hrs | End of Day Two |                                                                              |

**Day 3 – 22 October 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Notes</th>
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</thead>
</table>
| 0900 hrs | Water Rescue Services | Mr Simon M. Reilly  
Fire Commander, ARFF Services  
Airservices Australia |
| 0945 hrs | Legal Aspects of Aviation Emergency Management | Ms Tan Siew Huay  
Director (Legal), Legal Division, Civil Aviation Authority of Singapore |
| 1030 hrs | Tea Break |                                                                              |
| 1100 hrs | Video Screening and Recap of Ex Bobcat II/08 | Mr Edwin Lim  
Staff Officer (Operations Planning),  
Airport Emergency Service,  
Civil Aviation Authority of Singapore |
| 1130 hrs | Panel Discussion on Ex Bobcat II/08 | Led by Mr Cletus Packiam  
Chief, Airport Emergency Service,  
Civil Aviation Authority of Singapore |
| 1245 hrs | Closing Address and Certificate Presentation | Mr Natarajan C. Sekhar  
Regional Officer, Aerodrome and Ground Aids  
International Civil Aviation Organization, Bangkok Regional Office |