



50th CONFERENCE OF DIRECTORS GENERAL OF CIVIL AVIATION ASIA AND PACIFIC REGIONS

Engaging The New Generation In Aviation Profession

(Presented by Hong Kong, China)

Education Path Programme

- Enhance awareness of general public in aviation
- Arouse interest of next generation in joining aviation industry
- Roles of CAD and its contributions to Hong Kong's aviation development



Scope of Education Path

- First Section - Hong Kong's aviation history and principal functions of CAD
- Second Section - Aviation safety
- Third Section - Air traffic management, accident investigation and sustainable development

Education Path - First Section



- Theme
 - Hong Kong Civil Aviation - Together We Fly
- Aviation development in Hong Kong
 - A fishing village some 100 years ago to become a regional transport hub today

Major Functions of CAD

- Air Traffic Engineering and Standards
- Air Traffic Management
- Flight Standards and Airworthiness
- Personnel Licensing
- Airport Standards and Aviation Security
- Aircraft Accident Investigation
- Air Services



Airworthiness

- Design requirement of an aircraft
- Production of an aircraft from design stage to final test flight
- Continuous airworthiness through regulation by CAD



Continuous Airworthiness
持續適航

For the safety of aircraft and passengers, the Civil Aviation Department routinely performs Airworthiness Safety Oversight to ensure aircraft are safe by:

- overseeing activities including aircraft maintenance, production and design
- overseeing approved organisations for aircraft maintenance, production and design
- qualifying aircraft maintenance personnel

民航處為保障飛機和乘客的安全，持續對航空工業進行適航安全监管，以確保飛機符合適航標準，當中包括：

- 監督飛機維修、製造及設計等活動
- 監督飛機維修、製造及設計的認可組織
- 授予飛機維修人員資格

A fabricated aircraft cabin showing safety features in cabin design



Education Path - Third Section

- Theme
 - Pursuit of Excellence in Aviation
- Air navigation charts
- Aerodrome & radar simulators
- Mock-ups of ATC consoles



Aircraft Accident Investigation

Animated footage of a flight based on data retrieved from flight data recorder and cockpit voice recorder



Sustainability of Aviation Development

- Bundles of green exhibits on how industry partners have contributed to protect the environment
- Minimizing the impact of aviation to the environment remains one of the major challenges of the aviation industry



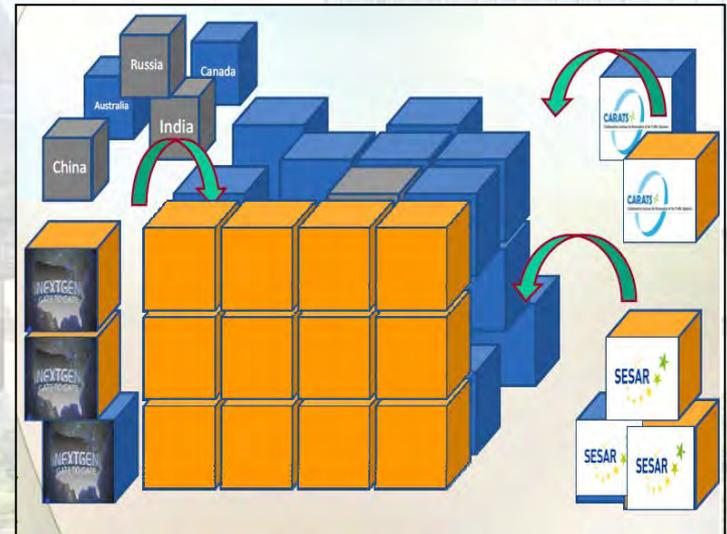
Official Opening of Education Path



On 28 January 2013, the Director-General of Civil Aviation and ICAO Secretary General jointly officiated the opening

Staying Ahead

- Develop a cyber Education Path Programme for the benefit of a larger population
 - Including interactive features allowing users to participate in aviation related games or quizzes on-line
- Introduce the latest technologies in next phase development taking into consideration the ICAO's Aviation System Block Upgrades initiative



Action By The Conference

The Conference is invited to:

- Take note the contents of this Discussion Paper
- Visit the CAD Education Path and provide feedback as appropriate
- Consider developing similar education and training infrastructure in own countries

Thank you !

