



Experience Day 6: Lessons from Aviation Safety and High Speed Rail

Overview

Part One: Occurrence investigation and transportation safety (Aviation Safety Council)

The Aviation Safety Council (ASC) is an independent aviation occurrence investigation agency in charge of all civil, government-owned and ultralight aircraft accident/serious incident investigations in Taiwan. The sole objective of the investigation is to prevent recurrence of similar occurrences. However, the purpose of these investigations is not to apportion blame or liability.

During the morning programme participants will learn:

- The latest investigation techniques and methodology in aviation occurrence investigation.
- How occurrence investigation is linked with the whole safety management system.
- How the Voluntary Aviation Safety Reporting System works in Taiwan.

Part Two: Occurrence investigation and transportation safety-Taiwan High Speed Rail (THSR)

Taiwan High Speed Rail (THSR), a total route length of 350 km, 12 stations, and 4 depots, is the world's largest Build-Operate-Transfer project, as well as one of the safest and most punctual high-speed rail systems worldwide. Since the service commenced on January 2007, THSR has maintained zero-accident record and annual punctuality rate above 99%. In 2018, the average daily ridership volume reached a historical high of 175,000 passengers.

During the afternoon programme, participants will learn how THSR uses facilities such as a Smart Passenger Service and an Intelligent Transport Management System to maximise efficiency, safety and quality of experience for its passengers.

Full programme (subject to change)

Morning Programme- Aviation Safety Council

| Time | Activity |
|-------------|--------------------------|
| 09:30-10:00 | Welcome and Introduction |



| | |
|-------------|--|
| 10:00-11:00 | <p>Tour of laboratory in Aviation Safety Council</p> <p>You will learn about:</p> <ul style="list-style-type: none"> -The latest investigation techniques and methodology in aviation occurrence investigation and how the process can be used to enhance healthcare safety. -How occurrence investigation is linked together with the whole safety management system, for both transportation and the medical field -How Voluntary Aviation/Healthcare Safety Reporting System works in Taiwan? |
| 11:00-11:30 | Q&A |
| 11:30-13:00 | Lunch |
| 13:00-14:00 | Travel to Taiwan High Speed Rail |

Afternoon Programme- Taiwan High Speed Rail (THSR)

| Time | Activity |
|-------------|---|
| 14:00-14:45 | <p>Tour of Taiwan High Speed Rail Museum</p> <p>Taiwan High Speed Rail Museum demonstrates the world-class infrastructure project and its contributions to the development of Taiwan's economy, tourism industry and transportation network since commencing services 10 years ago. The museum comprising 19 separately themed exhibitions, a driver's cab simulator and a number of interactive displays.</p> <p>The tour will be led by senior managers and specialists from Taiwan High Speed Rail, and followed by a Q&A session and discussion on how their methods can be adapted to healthcare.</p> |
| 14:45-15:00 | Q&A |
| 15:00-16:00 | Reflection session |
| 16:00-17:00 | Back to Taipei Marriott Hotel |