



Sky Dream Inter School AVIATION COMPETITION 2025



Competition Syllabus & Preparation Pack





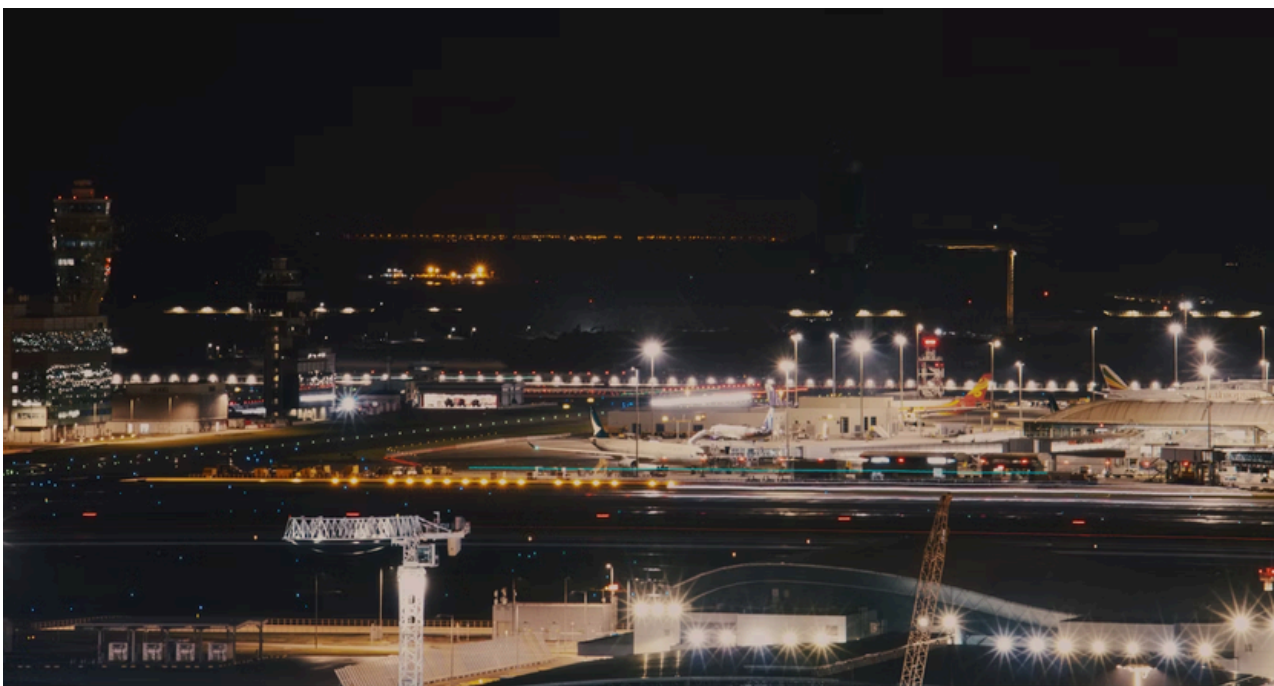
Part I. Aeronautical Theory

Ch 1. Fun facts

Hong Kong Airport & Airlines

Hong Kong International Airport, located on the island of Chek Lap Kok, first opened in 1998 to replace the ageing Kai Tak Airport. It is the base of several airlines including: Cathay Pacific, HK Express, HK airlines and Greater Bay Airlines. The construction of the airport involved reclaiming land from the sea and building a massive terminal and runway infrastructure.

The airport has two parallel runways, both of which are over 3,800 metres long. Runway 07R/25L and Runway 07L/25R are as long as 3,800 metres. These runways are equipped with advanced lighting, navigation, and instrument landing systems to ensure safe operations even in adverse weather conditions.





Fun Fact about Pilot

A notable fact about pilot's meals is that on commercial flights, pilots and co-pilots are served different meals to minimise the risk of both becoming ill from food poisoning. This precaution ensures that if one of the pilots experiences food-related illness, the other pilot will not be affected, helping to maintain the safety of the flight. Additionally, special attention is given to the timing of meals and the types of foods served to pilots to support their alertness and overall well-being during flights.

Here's another interesting fact about pilots. In the early days of aviation, pilots often relied on landmarks, such as rivers, roads, and mountains, for navigation. This was before the widespread use of advanced navigation systems like GPS. Pilots had to carefully plan their routes and maintain a keen sense of direction to reach their destinations safely. It's fascinating how technology has transformed the way pilots navigate the skies.

