

Advanced Air Activity



Complete the following:

1. Have acquired the Intermediate Air Activity Badge.
2. Aviation knowledge and flight safety
 - (a) Know the conditions for visual flight rules (VFR) and instrument flight rules (IFR).
 - (b) Know the aircraft navigation lights and their functions.
 - (c) Know the Quadrantal Rule and the Separation Rule.
 - (d) Understand the main parts and basic principles of the piston engine.
 - (e) Know the procedures for pre-flight inspections and understand its importance for flight safety.
 - (f) Understand the ground-to-air and air-to-ground emergency light signal and signals flares.
 - (g) Explain the impact of the following on aviation and how to prevent it:
 - (i) Thunderstorms, fog, icing
 - (ii) Wind shear
 - (iii) Birds and wild animals
3. Navigation knowledge
 - (a) Know the various types of aeronautical chart and able to read the symbols.
4. Communication knowledge
 - (a) Know the application and importance of radar in aviation.
 - (b) Demonstrate the ability to use Radiotelephony Spelling Alphabet and standard phraseology.
 - (c) Know the radio communication procedures between the pilot and the control tower.

5. Fixed-wing aircraft basics
 - (a) Know the Flight Circuit Procedure of light aircraft.

6. Aircraft Identification
 - (a) Identify the twelve types of aircraft commonly seen in the world (four civil aircraft, four helicopters, two small aircraft/business aircraft and two military aircraft) specified in the Aircraft Identification List approved by the Association.

7. Practicum
 - (a) Instruct two Scout Members to complete the “Outdoor Activity” air activity column in the Scout Pathfinder Award.
 - (b) Complete a Flight Circuit (not less than two hours) in a flight simulator recognised by the Region.
 - (c) Complete two of the items in the "Elective Air Activities" that you have never attempted.



Completion of this Badge, including a total of six months or above in lecture or practicum, would be counted as an equivalent of relevant item under Skills Section of the Hong Kong Award for Young People Bronze Award.