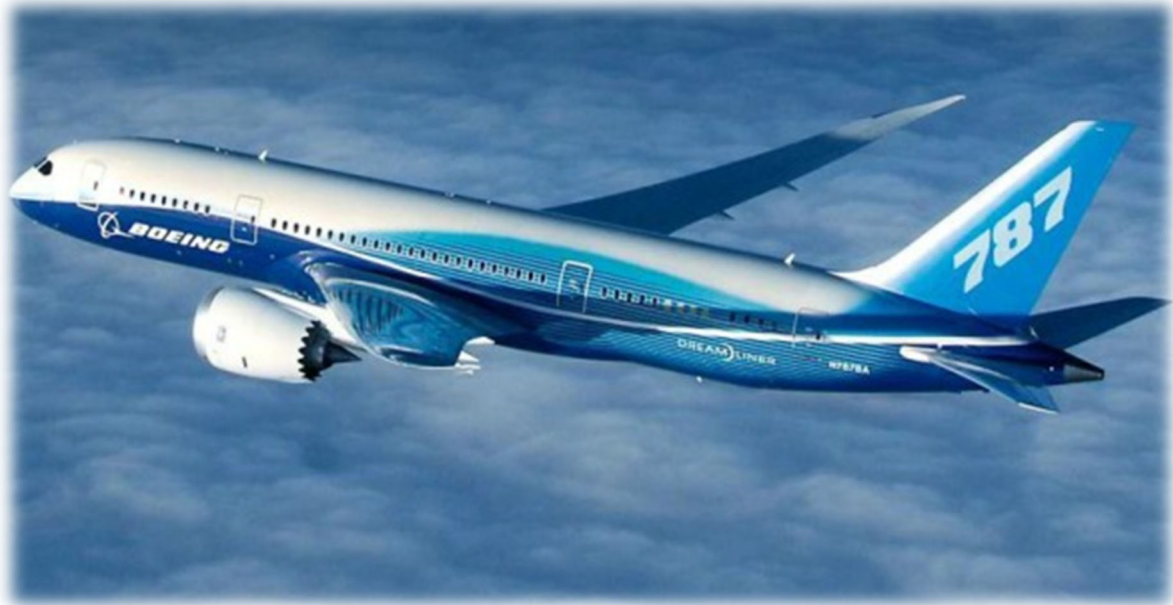


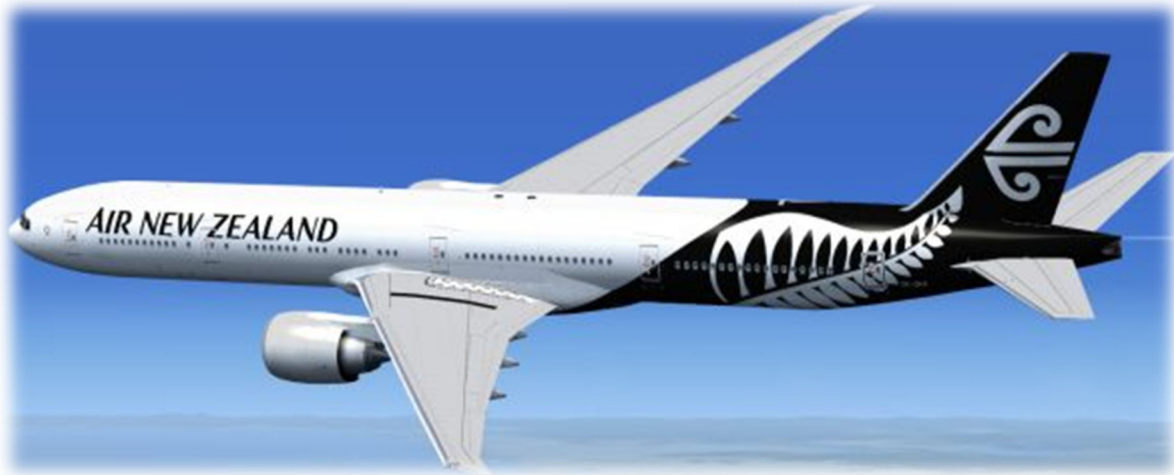
HIBS Aviation



-The revolutionary Boeing 787 Dreamliner -

I3 Computer Lab

HIBS Aviation 2020



The HIBS Aviation class is designed for students who have an interest in flying and/or perhaps see a future for themselves, working as a pilot or in the Aviation industry.

The course has been running successfully for many years at HIBS with a number of students achieving their Private Pilot Licences and going on to a careers in aviation. A number now work as commercial pilots with Air New Zealand or other national carriers while others are employed off-shore. Some are also working as Flying Instructors.

The commercial aviation industry is experiencing significant growth worldwide particularly in China – see link <http://www.iata.org/pressroom/pr/pages/2012-12-06-01.aspx>

The class is made up of students from Years 11 to 13. The course is designed to be completed in two years but, depending on circumstances, some students will take three years to complete the course. The course is made up of a mix of elective and compulsory unit standards initially related to a general knowledge of aviation structures and historical development followed by compulsory units related to PPL theory.

Theory Work: The main entry level is at Year 11. The theory aspect of the course for Year 11 students covers Level 2 Aviation industry Unit Standards as well as two papers, which are also Level 3 Unit Standards, which contribute towards a Private Pilot's Licence (PPL).

Year 12 students continue to study the four remaining papers in order to complete the theory requirement for the PPL.

Practical Flying Experience: Five months before their sixteenth birthday, students can begin flight training at Paraparaumu Airport with the Kapiti Aero Club. Students are taken flying on Wednesday afternoons, using the Period 6 Aviation class time and after school time. Students are expected to augment this flying time during school holidays and on some weekends.



Costs:

- Students need to pass a NZCAA medical - \$350 (Class Two).
- Students who are flying need to join the Kapiti Aero Club for an annual sub of \$45
- The aero club offers a package deal which incorporates: club membership; hardcover pilot's logbook; 20 flights with a qualified instructor; landing and airways fees; PPL flight training guides; Waypoints flight training manual; these features equate to a saving of \$675 with the overall cost of this package being \$4,600.
- A Cessna 152, with instructor, costs \$265 per hour and without an instructor, \$195 an hour. Landing fees are \$14.76 on top of this.
- It generally takes a student 12 to 15 hours before they can fly solo and about 50 hours of flying time for their PPL.
- To sit PPL papers costs \$93 each. However, as an incentive for the students, HIBS covers this examination fee if the student sits the examination within an acceptable time frame and is successful on their first attempt.

Please consult www.kaptiaeroclub.co.nz for further information on the above and me if you require any additional information.

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HBS Aviation

A range of **elective** unit standards which give a broad overview of the modern aviation industry: its early development to the technological wonders of the present day; the principles of flight; air law and internal structures in the civil aviation industry; common aircraft types and their operation.

- 16818- Knowledge of Aviation Industry Law, Systems and Procedures
Level One – 1 credit
- 20677- Principles of Flight
Level Two - 2 credits
- 19586- Aircraft Types and Operations
Level Two - 3 credits
- 19587- Internal Structures in civil aviation in NZ
Level Two – 3 credits
- 19585- History of Aviation
Level Two - 8 credits

A range of **compulsory** unit standards comprising the following -

- Flight Radio Telephony
Level Three - 3 credits
- Human Factors
Level Three – 5 credits
- Meteorology
Level Three – 5 credits
- Air Law
Level Three – 5 credits
- Navigation
Level Three – 5 credits
- Air Technology
Level Three – 10 credits