



KENT STREET SENIOR HIGH SCHOOL

Aviation Newsletter March 2015



Term 1, 2015

Welcome to Aviation in 2015

The Aviation staff would like to extend a warm welcome to all new and returning students and their parents into the Kent Street aviation community. This year marks the first time that Year 7 students have been able to participate in the Aviation course. We hope that all students will take advantage of the significant opportunities on offer here at Kent Street by involving themselves fully in all aspects of the Aviation program, and that your time with us will be an enjoyable and educational one.

The Aviation Support Group (ASG)

All new parents are invited to introduce themselves to the vibrant Aviation Support Group in order to play a supporting role for your child, and also to enjoy the social and information sharing aspects that the ASG offers.

The ASG plays an important role in the Kent Street Aviation course, as it assists in funding the two aircraft, the computers and simulator software and many other items that contribute to the unique learning environment that is Kent Street.

The first ASG meeting for 2015, the Annual General Meeting, was a great success with over 100 people attending the sausage sizzle and meeting. The following office bearers were elected:

Chairperson – Russell Elkins
Secretary – Lynn Pontikos
Treasurer – Amanda Keswick

It was decided at the meeting that future newsletters will be disseminated electronically to parents, however some copies will still be printed to distribute to our feeder schools and other sites as marketing and promotional material.



Some people enjoying the ASG BBQ in the Aviation Centre on a beautiful evening

Next ASG Meeting
Tuesday April 28 7.00pm

Guest Speaker: Captain Paul Alexander,
Senior Check and Training Captain with
Virgin Australia

We request as many parents and students attend to listen and learn about a career in this field of aviation.

The ASG meetings for the rest of 2015 are as follows:

Term 2: Tuesday 28 April 2015

Term 3: Tuesday 28 July 2015

Term 4: Tuesday 8 December 2015

The Term 4 final meeting is always a social occasion with sausage sizzle and drinks provided. Meetings are held in the Aviation Centre and we encourage as many parents as possible to attend. Obviously students are also very welcome for the social occasions.

Specialist Assembly

Friday, March 6th 2015 saw all of our Approved Specialist Program students in aviation, cricket and fashion and design recognised for gaining acceptance into their respective courses. Captain

Mark Davey, Head of Flight Operations at Virgin Australia, presented certificates to those aviation students new to the school in 2015. This Assembly was attended by the Honourable Peter Collier, Minister for Education, who presented the Minister's Aviation Scholarship certificate and a cheque for \$3000 to Year 12 Aviation student Alex Hazell. The cheque is to support Alex in his ambition to become a pilot and to help pay for flying lessons. Alex was selected by a panel of aviation industry experts as the best candidate from the Aviation high schools in WA.



Alex Hazell with Panel members for the Minister's Aviation Scholarship

Aviation Awards 2014

Congratulations to Alex Cullen, Dux of Aviation for 2014. At the end of each year, awards are also presented for the top students in each year of the Aviation course.

Most students always strive to be the best they can be. This good healthy competition between friends has the effect of driving overall scores higher, often resulting in only a few percentage points separating our high achievers. For 2014 the top student in Aviation for Year 11 was Taige Liu. The top students from the junior school were Thelge Nipuni- Peiris of Year 8, Harrison Elkins of Year 9, and Jayson Smith of Year 10. For their efforts, these three students were awarded a 1-hour joyflight over Rottnest and Rockingham, which they did during the last week of school. See picture below.



Virgin Australia Work Experience

Within Virgin Australia, seven ex-students are currently employed as pilots and 3 as Aircraft Maintenance Engineers. Virgin Australia offers Kent Street students who have obtained their ASIC, the unique opportunity to fly in the jump seat of their airliners in regular flights so students can experience what it is like to be an airline pilot. It also offers some Kent Street students the chance to do work experience in their hangars. This year they have accepted David Nickels of Year 12 into their maintenance hangars for work experience alongside their Licenced Aircraft Maintenance Engineers (LAMEs). David is enjoying the work and gaining invaluable experience and contacts in the aviation industry. We appreciate the opportunities Virgin Australia are offering to our students, and hope this can become a long-standing arrangement of benefit to our students and to Virgin Australia.

Avalon 2015 Tour



The Avalon 2015 tour group about to depart from Perth Airport

The Aviation tour to Avalon was a great success. Twenty two students, two staff and two parents participated in the tour and everyone enjoyed themselves. This airshow was a special one, commemorating 100 years since the ANZAC landings at Gallipoli, and as such there were eleven biplanes dating from World War 1 and many displays of equipment and re-enactments of land battles that have involved Australian troops.

Due to the unfortunate cancellation at short notice of our visit to the Airways Museum at Essendon, the group got to see a one-day international cricket match at the MCG (Sri Lanka vs Bangladesh) instead which was an enjoyable experience. We also visited the Shrine of Remembrance, did some shopping at the

Queen Victoria Markets and experienced the nightlife of Lygon Street.



3 X RAAF F18F in close formation with a KC30A MRTT Tanker

The Australian Defence Force gave a particularly interesting display of many different aircraft and ground units from the Army, Navy and Air Force acting in coordination as they would in a modern conflict. The display was fascinating, educational and ear-shattering.



An RAAF F/A-18 Hornet Classic at Avalon

The group visited Airservices Australia at Tullamarine Airport to learn about Air Traffic Control and have a play with their ATC simulators, and the RAAF Museum at Point Cook. This was a rather nostalgic part of the tour for Mr McKenzie as it was at Point Cook that he first learned to fly on RAAF CT4A training aircraft almost 30 years ago!



CT4A readying for departure at Point Cook

Proposed Europe 2016 Tour

Planning has commenced for the Aviation tour to Europe in 2016 to visit the Farnborough Airshow in Britain and many other aviation-related sites. We also intend to visit sites of cultural significance such as Auschwitz, the Eiffel Tower and the BMW factory. Tour dates are proposed to be from 2 July to 22 July 2016, and an initial list of tour sites is included below, but is subject to change.

- Berlin Luftwaffe Air Force Museum
- Checkpoint Charlie, Berlin Wall
- Holocaust Memorial
- Krakow Aviation Museum
- Auschwitz
- Warsaw Jewish History Museum, Gestapo Headquarters Museum
- Prague walking tour.
- Kbley Aviation Museum
- Munich Flugweft Scheissheim Aviation Museum
- BMW Factory.
- Paris Eiffel Tower
- French Air and Space Museum.
- Centre Pompidou? Louvre?
- Farnborough Airshow (2 Days)
- Duxford Aviation Museum
- RAF Museum.
- Greenwich Museum
- Hop On Hop Off 48 hour bus tickets in London
- “Jack the Ripper” evening walking tour.
- Imperial War Museum or British Museum.
- Possibly a night at the Theatre

Student Flights

One of the highlights of the Kent Street Aviation Course is the opportunity for students to experience the exhilaration of flight in one of the school’s own aircraft. An Air Experience Flight allows the student to become familiar with the sensation of flying as well as the controls, radio, instrumentation and operation of aircraft.



VH-ECU, the school’s Cessna C172 G1000

Students can book AEFs at mutually agreeable times throughout the term with either Kevin Bennett or John McKenzie, who are both experienced pilots and each hold a current Commercial Pilot's License. Most students find AEFs to be highly motivating and personally rewarding experiences where they see the concepts and knowledge learned in the classroom put into action.



VH-LBI, the school's Cessna C152

An AEF can be undertaken in either of the school's two aircraft; the Cessna 152 VH-LBI (two seat) or Cessna 172 VH-ECU (four seat) aircraft piloted by one of the Aviation staff. The standard introductory flight in the C152 demonstrating basic manoeuvres, effects of controls and ATC procedures, costs \$100 for a 45 minute flight (one passenger).

For those students who have turned 16 and are keen to commence pilot training, we urge students to undertake flying training in the school's VH-LBI as there are significant cost advantages in doing so.

Assessments due Week 2 Term 2

All parents of junior school Aviation students (Years 7, 8, 9 and 10) are asked to check their child's Aviation workbooks and to remind their child to work on their assignments over the Easter break. For most classes, their major project for the semester is due in Week 2 of Term 2. These projects are generally worth about 30% of the semester mark and sometimes students need a gentle reminder! They may also need some assistance with materials to build their project.

In response to several queries from parents, the junior school Aviation Course at Kent Street consists of 4 hours per week. During each semester, two modules are covered, with 2 hours per week devoted to each of these modules.

The year levels in junior school are structured as follows:

Year 7:

- Careers in Aviation
- Space
- Practical Aviation Activities
- The Cutting Edge in Aviation

Year 8:

- World of Aviation
- Mechanics of Flight
- The Aircraft and its Environment
- Structure of the Aircraft

Year 9:

- Power to Fly
- Model Making
- Robotics
- Physics of Flight

Year 10:

- Advanced Balsa Models
- Aircraft at War
- Human Factors in Flight
- Flying the Aeroplane

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