



KENT STREET SENIOR HIGH SCHOOL

Aviation Newsletter March 2016



Term 1, 2016

Welcome to Aviation in 2016

The Aviation staff would like to extend a warm welcome to all new and returning students and their parents/guardians into the Kent Street aviation community. 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 meeting for 2016, the Annual General Meeting, was a great success with about 80 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 the next ASG meeting will be at the Aviation Heritage Museum in Bullcreek, commencing at 6.00pm

on Tuesday 3 May. This museum is run by members of the RAAF Association and volunteers, and has a great collection of aircraft, engines, uniforms and other aviation artifacts. We will be divided into small groups and given guided tours by some of their very knowledgeable volunteers. Emails will be sent out prior to the date and parents are requested to reply promptly so we can gauge numbers for the meeting. We hope a good number of parents and students will be able to attend what promises to be a very interesting and educational experience. There is a small fee of \$6.50 for adults and \$4.00 for students which will be collected at the entrance. As usual there will be pizza and drinks provided after the meeting.

The museum's website is:

<http://www.raafawa.org.au/museum/>

Next ASG Meeting
Tuesday 3 May, 6.00pm

Aviation Heritage Museum
Bullcreek Drive, Bullcreek, WA 6149

The ASG meetings for the rest of 2016 are as follows:

Term 2: Tuesday 3 May
Term 3: Tuesday 26 July
Term 4: Tuesday 6 December

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 4th March 2016 saw all of our Approved Specialist Program students in aviation, cricket and fashion and design recognised for gaining acceptance into their respective courses. Captain Glenn Fuge, ex-student at Kent Street and now Manager of Flying Operations for the Fokker and Airbus fleet at Virgin Australia, presented the certificates to our new Aviation students.

Aviation Awards 2015

At the end of each year, awards are 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. Congratulations to Rohan Khanna and Taige Liu, who achieved equal top scores and equal Dux of Aviation for 2015. The top student in Aviation for Year 11 was Shivangi Sharma, and top students from the junior school were Sam Hall of Year 7, Alexander Adam of Year 8, Ayden O'Meagher of Year 9, and Harrison Elkins of Year 10. In recognition of their efforts, these three junior students will be awarded a 1-hour joyflight over Rottnest and the Perth beaches in the school's Cessna C172. Harrison will be awarded a flight in the C152, as he was awarded a Rottnest flight for achieving the top score in his class for a previous year.

Kensington Bushfire

Some of the Aviation students had the exciting experience of watching aviation in action at fairly close range on 15 February. A bushfire in the Kensington bushland which borders on Kent Street was attended by 4 Bell 214B Type 1 helitacs, each with a lifting capacity of 2,700 of water. After dropping their water on the fire the helicopters repeatedly passed low over the school and a number of Aviation students had a very good view of the action from the back of the Aviation workshop.



Helitac dropping water over Kensington bushfire

Europe 2016 Tour

Planning is almost complete for the Aviation tour to the UK and Europe in 2016 where participants will 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 will be from 2 July to 22 July 2016, and the list of tour sites is included below:

- 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.
- 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.
- A night at the Theatre "STOMP!"

Please note that only students in Years 10, 11 and 12 are eligible to participate in overseas trips to the USA or to the UK and Europe. For interstate trips to Avalon, Year 9 students are invited to attend as well.

Student Flights

A unique aspect 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. This allows students 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 is a 40 minute flight (one passenger) demonstrating basic manoeuvres, effects of controls and ATC procedures. Unfortunately it has become imperative to raise the price for the C152 Air Experience Flights from \$90 to \$100. We have delayed the price rise for as long as possible, but it is over 4 years since the last price rise and fuel, maintenance and airport charges have all risen in that time.

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 with Kevin Bennett 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 Term 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.

Lower School Aviation Course Structure

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

Student Achievements

Shivangi Sharma is currently studying Aviation in Year 12. She was recently awarded the Dux of the Senior NCO Course for the AAFC, which means that she has earned a flight in an RAAF PC9 over Perth.



RAAF PC-9 Turboprop Training Aircraft



Shivangi Sharma receiving the Dux award from her Commanding Officer

Alexi Currie graduated from Kent Street in 2013, and has since achieved her Commercial Pilots Licence through the University of South Australia. Alexi was awarded the Australian Federation of Air Pilots and Australian Air Pilots Mutual Benefit Fund Prize of \$3000 for the best overall student in the first year of the course, and she also topped the course in her second year.



Alexi Currie and the UniSA Shark Patrol Aircraft

For her work on the Shark Patrol over the summer of 2014/2015 she was awarded a Certificate of Excellence for her professionalism and commitment, and Alexi was also Student Ambassador for the UniSA Aviation course, promoting the course at open days, the Careers Expo and on school visits.



Alexi with her parents, Ross and Barbara

Alexi is currently studying for her Instrument Rating exam so she can fly day or night in any weather.

Rohan Khanna, co-Dux of Aviation 2015, is now undertaking Military training at the Australian Defence Force Academy (ADFA) in Canberra. He was 1 of only 2 people from WA to gain entrance into the pilot stream at ADFA for this year. He will be studying for 3 years to earn an Aeronautical Engineering Degree from the University of NSW then he'll commence the 18 month pilot's course.



Rohan Khanna in the cockpit of a CT4 aircraft at Tamworth in NSW



Rohan Khanna at Government House being presented with his acceptance into ADFA

Kent Street Aviation topped the state in 2015 **ATAR exams**. The top 3 students in Aviation statewide were all from Kent Street, and the cohort as a whole did very well. We congratulate all of our graduating "Avo" students and wish them well for the future.

Kevin Bennett and John McKenzie

Kevin Bennett

Email: kevin.bennett@education.wa.edu.au

John McKenzie

Email: john.mckenzie@education.wa.edu.au

Kent Street SHS
89 Kent Street
East Victoria Park 6101

Phone: 9262 0500

Fax: 9470 5082