

The Rockhampton Grammar School

Air Capricorn

Aircraft Charter ♦ Flying Training ♦ Aerial Photography



Aviation Studies 2008

31 January 2008

To Year 10 Students and Parents

This circular contains information about the Aviation Studies program offered at The Rockhampton Grammar School by Air Capricorn in 2008. The details are as follows:

- The course is designed for students who have an interest in a career as an airline pilot, military pilot, charter pilot, flight instructor or in related aviation industries. It is theory-based and does *not* include any practical flying instruction. Flying lessons/sessions, however, may be arranged and undertaken at any time with Air Capricorn directly. At the conclusion of the course, students undertake the Basic Aeronautical Knowledge Examination and successful candidates receive a Certificate of Attainment. The syllabus is covered by the Basic Aeronautical Knowledge text by Bob Tait, and includes topics such as
 - Aerodynamics
 - Engines and their systems
 - Aircraft performance
 - Air law, and
 - Meteorology

Throughout the course, students use the latest Microsoft Flight Simulator program to enable a more immediate sense of the principles of flight. The 'hands on' practice, problem solving tasks and 'multiplayer' flight games add to the experience.

In addition to the theory lessons, a number of field trips are offered each term. Past excursions have included visits to the Rockhampton Airport control tower, Capricorn Helicopter Rescue, the Aviation Fire Service Centre, the Meteorological Centre, a jet aircraft inspection at Virgin Blue Airlines and a flight briefing and inspection of Singapore Army aircraft.

- The cost is **\$60.00 per term**, payable on invoice to Air Capricorn. The address is Rockhampton Airport, PO Box 2179, Wandal 4700, telephone 49274355.
- The **Basic Aeronautical Knowledge** (BAK) examination fee and the field trips are included in the fees.
- The required textbook **Basic Aeronautical Knowledge** by Bob Tait is \$80.00 and is available from Air Capricorn.

- The 2008 program is offered *in addition to* the regular Rockhampton Grammar School Year 10 curriculum. The Aviation Studies class is scheduled as follows:
 - 1 x 1½ hour session from 3.30pm to 5.00pm on Thursdays
 - Field trips are generally scheduled during the afternoon sessions on Thursdays.
 - The program begins on **Thursday 28 February, 2008 at 3.30pm** in Room R5.

Insurance Note:

The Rockhampton Grammar School has insurance in place that covers students while they are undertaking aviation theory and excursions. Parents whose children elect to take flying lessons must deal directly with Air Capricorn and should ensure that there are appropriate insurance arrangements in place. The school does not have responsibility for students who take flying lessons.

To register, complete the following details and return the form to Ms Zantiotis, Assistant Head of Middle School, by Monday 25 February 2008.

If you require further information, telephone 4936 0627 or email azantiotis@rgs.qld.edu.au

I wish to register my son/daughter for the 2008 Year 10 Aviation Studies program as set out above.

Parent/Guardian Name: _____

Signature: _____ **Date:** _____ /02/08

Student Name: _____ **Form Class:** _____