

## Basic Search and Rescue

**Course Length:** 8 - 10 weeks (approx)

**Flight Training:** 20 to 30 hours (approx)

This course has been designed to provide the student pilot with the necessary flight and ground tuition to standardise the student pilot on the use of aircraft systems and flying techniques required for Basic Search and Rescue (SAR) operations, including;

Instruction will include the following main areas:

- Voice marshalling (patter)
- Dry, drum, wet and deck winching
- Hi-lines
- Cliff (situation) winching
- Homing
- Mountain flying
- Mission management

### **Course Input:**

The course is intended for students who are qualified helicopter pilots, with the following experience:

- Successfully completed over three hundred rotary flying hours
- Successfully completed over fifty multi engine rotary flying hours
- Successfully completed a recognised helicopter Instrument Rating Course
- Successfully completed helicopter underwater escape and short term air supply training

English language proficiency of IELTS standards 6,5 in listening and spoken English and 5,5 in written is required.

### **Course Design:**

The course is best conducted with a mix of theoretical and practical flight training on a live multi engine helicopter. Ground school and flying instruction will take place together throughout the course. Course duration will vary depending upon the student's experience. The course has been designed for two to four students. The following will be provided in support of the training discussed herein;

- Ground school instructors
- Flying training instruction on a multi-engine helicopter (i.e. Bell 412 or AW139)
- All aircrew documentation and training material

### **Course Output:**

Successful completion of the flying school phase will ensure the student is able to demonstrate competency in SAR operations and procedures.