

Basic Search and Rescue

Course Length: 8 - 10 weeks (approx)

Ground School: 20 hours (approx)

Simulation Training: 18 hours (approx)

Flight Training: Dual role 44 hours per pair/single role 39 hours per pair (approx)

This course has been designed to provide the student crewmen with the necessary flight and ground tuition to prepare them for Search and Rescue (SAR) operations in their particular role, standardising them on the use of SAR procedures and flying techniques. The syllabus contains training in accordance with the RAF training doctrine, but can be adapted for local procedures and includes:

- Voice Marshalling (patter)
- Dry, drum, wet and deck winching
- Cliff winching (situations)
- Mountain flying
- Mission management and crew cooperation

Whilst there are many ways to train SAR rear crew. Cobham have courses specifically for dedicated role as either winch operator or winchmen, or can train dual role. In addition, bespoke courses for single role can be arranged – i.e. winchmen only.

Course Input:

The course is intended for students with the following experience:

- Medically fit to fly
- Undertaken Helicopter Underwater Escape Training and Short Term Air Supply Training
- English language proficiency of IELTS standards 4.5 in listening and spoken English and 4.0 in written is required for Crewmen

Course Design:

The course is best conducted with a mix of theoretical and practical flight training on both a synthetic and live multi engine helicopter. Ground school and flying instruction will take place together throughout the course. The course has been designed for two to four students, where we provide the following in support of the training discussed herein;

- Ground school instructors
- Flying training instruction on a multi-engine helicopter (i.e. Bell 412 or AW139)
- Synthetic training instruction using a virtual reality rear crew trainer
- Synthetic training instruction using a static winch trainer
- 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.