



FIRE AND SMOKE FOR INSTRUCTORS

A two-day course designed for individuals who train fire and smoke. This is an interactive course with practical application of the training. The aim of the course is for instructors to be able to carry out fire and smoke training in a safe environment with confidence and competence

DAY ONE

Understanding Fire

With the use of video footage to show the seriousness of fire and smoke and fire progression

Human Behaviour

How does human behaviour effect the way we deal with emergency situations

Triangle of Fire

Chemistry of combustion

Classes of Fire

Classifications of fuel

Toxic Gasses

Effects on the human body

Flashover / Backdraught

Study of fire development

Review of fire incidents and lessons learned

Fire fighting Equipment

To include equipment carried on board and PBE types

DAY TWO

Role of the fire service

A look at what can be expected when making an emergency landing at a united Kingdom registered airfield

Fire prevention and Fire fighting procedures

Fire fighting drills and accepted procedures for dealing with in flight fires

Health and Safety

A look at the requirements for setting up practical fire and smoke training and the need for assessing risk

Practical Training (to include Instructor competence assessment)

Live oven fire

Use of equipment

Smoke scenarios