



## COURSE OUTLINE

### AIM

The course is aimed at fire service officers who are competent in the command of operational incidents but require an opportunity to develop their skills in dealing with incidents in this high risk environment.

### OBJECTIVE

At the end of the course the delegate will be able to:-

1. Understand the effects of wind and stack effects on the control of smoke and ventilation of a high rise compartment fire.
2. Designate attack and evacuation staircases to manage access and egress during a high rise fire and appreciate the logistical problems of moving personnel and equipment to a bridgehead via the attack staircase and lifts.
3. Conduct comprehensive risk assessments to identify the correct tactical mode required to resolve the incident.
4. Create safe highway access into a hi-rise designated lobby sector and establish inner and outer cordons.
5. Designate lobby, fire, search sectors and position and resource a fire fighting bridgehead.
6. Appreciate the logistical problems associated with resourcing sectors through an attack staircase.
7. Identify the options for adopting an evacuation of occupants or a 'remain in place' strategy.
8. Designate an appropriate search pattern strategy for the building and implement it.
9. Devise a tactical plan to resolve a high rise incident.
10. Resource the tactical plan.
11. Construct an appropriate command support structure.
12. Liaise with and co-ordinate the activities of other emergency services

### DESCRIPTION

The course will consist of two days teaching, case studies (Madrid Windsor Tower, World Trade Centre and Harrow Court), computer generated command exercises and assessments held at your training centre or a local venue.

- Learners will undertake an initial command assessment, taught input from a qualified tutor, and practical computer simulation-based scenario.
- Learners will produce a portfolio of video and hard copy evidence of competence over the two days.
- Practical scenario assessment can be conducted using your in house simulator e.g. Vector, Minerva or Digital Combustion Fire Studio 4.
- Scenarios can be constructed to test standard operating procedures (SOP's) and emergency plans against the specific high-rise risks in your service area using Digital Combustion Fire Studio 4 software as standard.
- An online community of practice with discussion forum, command exercises, case studies and chat room will be available to support learners after the course ends

## MANAGING HIGH RISE BUILDING FIRES

### DURATION

2 DAYS

### WHO SHOULD ATTEND?

Fire incident commanders seeking development training, a continuing professional development opportunity or evidence of competence.

### MAXIMUM NUMBER OF STUDENTS

8

### ACCREDITED BY:

ILM

### NATIONAL STANDARDS

WM7 & EFSM2

### COST PER COURSE

£2100

### BOOKING INFORMATION

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