

Euro Firefighter

**Firefighting Strategy & Tactics from
Fire-grounds around the World**



This book will also take you out onto the fire-grounds of London, New York, Madrid, Chicago, Paris, Germany, and Sweden. It will demonstrate how similar fires are fought using different strategic approaches and shows how US and EURO fire-fighting tactics are gradually aligning in many areas. From Tactical ventilation, to Air Management (BA Control), to Rapid Intervention Teams, to high-rise firefighting, to Limited staffing (3-person crew ops); the author brings you the best tactics from Europe & the USA in one training manual!

Special 'Link' code included in the book that enables the reader to gain access to hidden parts of the EuroFirefighter.com website for ongoing interactive updates, downloads of student materials, lesson plans, power-points and tactical solutions to various fire-ground scenarios

The 400-page Book Includes -

- * CFBT Instructor Course (90 Hours)
- * CFFT Training Concepts
- * Training Strategy in ISO Contain ers
- * European Fire Tactics v US Tactics
- * Responding with Limited Staffing
- * 3-Person Crew Operations
- * Air Management (SCBA Control)
- * Command in the first 60 seconds!
- * Command in the first five minutes
- * Deployment Strategies
- * Critical Tasking at Fires
- * Practical Risk Management at Fires
- * Risk Control Measures
- * Securing Team Safety
- * Primary Command & Control
- * Crew Resource Management
- * Ventilation Profiling
- * Venting Structures - London
- * Venting Structures - New York
- * Venting Strategy - European
- * 'Air Track' Management
- * Stabilizing the Environment
- * Fire Dynamics & Fire Behavior
- * Smoke Burns - The science
- * Rapid Fire Progress
- * FDNY Ladders 3 (Truck Ops)
- * FDNY Ladders 4 (Truck Ops)
- * Rapid Intervention Teams
- * High-rise Firefighting Tactics
- * High-rise Fire experience in Europe
- * How to achieve Firefighter Safety

Ex-London & New York Firefighter, Paul Grimwood, has responded and worked from over 100 fire stations in the USA and Europe, alongside some of the finest firefighters you could ever wish to meet. During his 36 year career he has also served as an international training officer and educator in structural firefighting techniques, working in Germany, France, Holland, Sweden, Finland, Spain, Luxembourg, USA, Canada, South Africa and Malaysia.

In this, his third book, he demonstrates how the very best strategies and tactical approaches from Europe and the USA, may be effectively combined to enhance firefighter tactics and safety at structure fires. This book also covers and exceeds the 2007 syllabus of the European (UK) EDEXCEL CFBT Instructor Qualification (90 hours) for practical Fire Behavior Training (Flashover training in ISO shipping containers and other FDS units).

Written in such a way that the training officer can immediately transfer key learning points directly into power-point training presentations. The core principles of this training package enhance firefighter safety on the fire-ground. The book also provides a LINK CODE for ongoing updates and web-based downloads. At 154,000 words it's certainly value for money! This book covers a very broad range of issues that are important to anyone who steps down off a fire truck at the scene of an emergency.

This book is also for the CFBT (Flashover) Instructor, Firefighter, Company Officer and Fire Chief. The concept of teaching about 'flashover' using ISO steel shipping containers was developed in Europe - now read how European Instructors teach fire behavior using a vast array of Fire Development Simulators (FDS).

Order this book now from
www.euro-firefighter.com
and if you order prior to April 30th 2008 expect a massive pre-publication discount!

100% of author's royalties donated to burns charities in New York and London (See website for details)

Excerpts from the 400 page book by Paul Grimwood

Madrid High-rise Fire 2005

Fire came heading directly at Milara's crew as the fire gases above their heads ignited. He took the nozzle himself and applied a series of nozzle pulsations into the flaming gases. This had no effect on the fire so he resorted to a series of long bursts of water-fog, trying to reach the entire volume of flaming combustion gases that filled the overhead. There were desperate attempts to halt the fire at this point in an effort to stop flaming gases from getting above and behind the firefighters, but the water was evaporating within three feet (one metre) of leaving the nozzle and the radiative heat levels were exhausting. With fire spreading above them in the false ceiling further attempts were made to halt the fire's progress by changing to straight stream in an effort to displace the ceiling tiles in order to get at the fire, but it was noted that the pressure from the building's hose-line was very poor and the stream reach inadequate.....

The firefighters on the nozzle, Milara and his commander all became separated (by the collapse) as heavy smoke increased, causing a dramatic reduction in visibility. Then Milara could hear a firefighter screaming 'help ... I am dying'. He quickly located this firefighter who had lost his helmet and SCBA mask during the interior structural collapse. As the firefighter reached Milara he grabbed at him, taken Milara's helmet and mask off as well.

Milara writes, 'in that instant, I felt as if something had hit me in the face. The fire must have been close and the temperature up around 300-400 deg C (570-750 deg F). As I breathed in the hot gases I felt as if I had suddenly been KO'd in a boxing ring!' The other firefighter was now unconscious on the floor and Milara was himself calling for assistance. One firefighter was able to assist Milara's collapsed colleague out towards the stairway but it was left to Milara to find his own way out. Crawling along on his hands and knees, hardly able to breathe, he suddenly realized he had become disorientated and lost. He managed to find his way inside an office but he felt weak and was fast giving up the fight to escape.

At this point all he could think of were the images of his smiling children's faces and that of his wife. He writes, 'Alone I thought everything is finished, this is my end.'

I still don't know how I managed to get out of that office in this blazing high-rise and make it along the corridor without my mask.

'Then Milara could hear a firefighter screaming, 'help ... I am dying'. He quickly located the firefighter who had lost his helmet and SCBA mask during the interior structural collapse'

London High-rise Fire 2003

Only a matter of minutes after the first two firefighters had withdrawn, the SCBA Crew entered the Fire compartment and were immediately faced with a severe fire that was rapidly consuming the 1,500 m² [16,000 sq.ft] seventh Floor open plan office space. The heat was reported as 'unbearable' and they were immediately forced onto their stomachs where vision was nil and heat was beginning to penetrate their PPE. They withdrew and requested that the aerial ladder be deployed to ventilate the Fire floor. At about 20:53 hours the fire blew a window out on the seventh floor and flames began to run up the face of the building. The fire service had been in attendance for no more than 6 Minutes. Several additional alarms were called in during the next few minutes as the fire rapidly escalated.

At this point most of the windows on the fire floor had failed and flames were licking the 8th floor when a second crew were committed into the fire floor. However, the fire was now too advanced for the hose-line in use and the limited flow-rate of around 350 litres/min [90gpm] was unable to deal with the fire's development.

London Fire Brigade Deputy Assistant Commissioner (then SDO) Terry Adams picks up the story – 'I was ordered on at 12 engines and on arrival was told that the Incident Commander had just increased the assignment to 20 engines and 4 aerals. As we were discussing the tactics being deployed I was informed that a crew of four were reported missing on the seventh floor and that the internal attack had ceased as crews were being withdrawn.'

This proved to be a critical decision as it was at this time that the fire development was at its most intense. All of the firefighters were found quite quickly but two had been overcome by heat stress and were removed to hospital (after just 15 minutes fire exposure). One was 'lucky to survive' we were told by hospital staff and this was mainly due to his level of fitness.

'At about 2053 hours the fire blew out a window on the seventh floor and flames began to run up the face of the building. This was a severe fire that was rapidly consuming the 16,000sq.ft open plan office floor space'

Reviews

'Paul Grimwood's work is so important. Through following his logic, in understanding the various phenomena and their likely consequences, will assist Fire Commanders and Firefighters to gain a greater understanding of fire-ground situations, enabling them to minimize the risks whilst operating inside fire-involved buildings'.

Deputy Assistant Commissioner Terry Adams London Fire Brigade

'Paul's work in this text is a first rate effort to integrate best practice from the world's fire services. 'Euro Firefighter' serves as an excellent source for fire service practitioners seeking a reference that will challenge their assumptions and stimulate their interest in improving mastery of their craft.'

Battalion Chief Ed Hartin, MS, EFO, MIFireE, CFO Gresham Fire and Emergency Services Gresham, Oregon USA

'Paul is a class-act firefighter, instructor and author. His knowledge and professionalism are second to none in the world's fire service. While current firefighting tactics and strategies in Europe and the United States differ greatly, this book allows firefighters from all corners of the world to exchange and share ideas, tactics and lessons'.

**Nate DeMarse
New York City Fire Department**