



2011 Fire/EMS Safety, Health and Survival Week



Fire/EMS Safety, Health and Survival Week June 19-25, 2011

**Theme: Surviving the Fire Ground – Fire Fighter,
Fire Officer & Command Preparedness**

Planning and Resource Aid for Training Deliveries

Developed by the IAFC Safety, Health and Survival Section in cooperation with the International Society of Fire Service Instructors. Christopher J. Naum, SFPE, IAFC, ISFSI Project Lead



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Coordinated by

[IAFC's Safety, Health and Survival Section](#)

and

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in partnership with more than 20 national fire service organizations

Fire/EMS Safety, Health and Survival Week

June 19-25, 2011

Theme: Surviving the Fire Ground – Fire Fighter, Fire Officer & Command Preparedness

Mayday: Not If...When

With so many changes (budget cuts, staffing reductions, reduced training, etc.) in so many fire departments, it is critical for fire fighters to focus on their own survival on the fire ground. There is no other call more challenging to fire ground operations than a Mayday call – the unthinkable moment when a fire fighter's personal safety is in imminent danger.

Fire fighter fatality data compiled by the United States Fire Administration have shown that fire fighters "becoming trapped and disoriented represent the largest portion of structural fire ground fatalities." The incidents in which fire fighters have lost their lives, or lived to tell about it, have a consistent theme – inadequate situational awareness put them at risk.

Fire fighters don't plan to be lost, disoriented, injured or trapped during a structure fire or emergency incident. But fires are unpredictable and volatile, and they will not always go according to plan. What a fire fighter knows about a fire before entering a blazing building may radically change within minutes once inside the structure. Smoke, low visibility, lack of oxygen, structural instability and an unpredictable fire ground can cause even the most seasoned fire fighter to be overwhelmed in an instant.

The [IAFF Fire Ground Survival \(FGS\) program](#) is the most comprehensive survival skills and Mayday prevention program currently available and is open to all members of the fire service. Incorporating federal regulations, proven incident management best practices and survival techniques from leaders in the field, and real case studies from experienced fire fighters, the FGS program aims to educate all fire fighters to be prepared if the unfortunate happens.

The **IAFF Fire Ground Survival Program** will provide participating fire departments with the skills they need to improve situational awareness and prevent a Mayday. Topics covered include:

- **Preventing the Mayday:** situational awareness, planning, size up, air management, fitness for survival, defensive operations.
- **Being Ready for the Mayday** personal safety equipment, communications, accountability systems.
- **Self-Survival Procedures:** avoiding panic, mnemonic learning aid "GRAB LIVES" – actions a fire fighter must take to improve survivability, emergency breathing.
- **Self-Survival Skills:** SCBA familiarization, emergency procedures, disentanglement, upper floor escape techniques.
- **Fire Fighter Expectations of Command:** command level MAYDAY training, pre-MAYDAY, MAYDAY and rescue, post-rescue, expanding the incident command system, communications.

This year's Safety Week will focus on delivering the online Fire Ground Survival awareness training course to all fire departments. Other planning tools and resources will be available on the [Safety Week website](#). **Mark your calendar – Safety Week is June 19-25 this year.**

What is Safety, Health and Survival Week?

Safety, Health and Survival Week (Safety Week) is a collaborative program sponsored by the [IAFC](#) and the [IAFF](#), coordinated by the [IAFC Safety, Health and Survival Section](#) and the [IAFF Division of Occupational Health, Safety and Medicine](#), in partnership with more than 20 national fire service organizations.

Fire departments are encouraged to suspend all non-emergency activity during Safety Week and instead focus entirely on safety, health and wellness-related training and education until all shifts and personnel have taken part. An entire week is provided to ensure each shift and duty crew can spend one day focusing on these critical issues.

FAQs

The International Association of Fire Chiefs and the International Association of Fire Fighters are pleased to sponsor the 2011 Fire/EMS Safety, Health & Survival Week (Safety Week).

This year's event will be held June 19-25, scheduled to give maximum flexibility and support to all types of departments—career, combination and volunteer—and both fire and EMS personnel.

The theme this year is "Surviving the Fire Ground: Fire Fighter, Fire Officer & Command Preparedness," which encourages all fire/EMS personnel to focus on survival training and education.

With so many changes (budget cuts, staffing reductions, reduced training, etc.) in so many fire departments, it is critical for fire fighters to focus on their own survival on the fire ground. There is no other call more challenging to fire ground operations than a Mayday call — **the unthinkable moment when a fire fighter's personal safety is in imminent danger.**

Fire fighter fatality data compiled by the United States Fire Administration have shown that **fire fighters "becoming trapped and disoriented represent the largest portion of structural fire ground fatalities."** The incidents in which fire fighters have lost their lives, or lived to tell about it, have a consistent theme — inadequate situational awareness put them at risk.

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What a fire fighter knows about a fire before entering a blazing building may radically change within minutes once inside the structure. Smoke, low visibility, lack of oxygen, structural instability and an unpredictable fire ground can cause even the most seasoned fire fighter to be overwhelmed in an instant.

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The IAFF Fire Ground Survival Program will provide participating fire departments with the skills they need to improve situational awareness and prevent a Mayday. More information can be found here: <http://www.iaff.org/hs/fgs/fgsindex.htm>.

Who is doing this?

Safety Week is sponsored by:

- International Association of Fire Chiefs
- International Association of Fire Fighters

and supported by the following partners:

- Canadian Association of Fire Chiefs
- Canadian Fallen Firefighters Foundation
- Congressional Fire Services Institute
- Fire and Emergency Manufacturers and Services Association
- Fire Apparatus Manufacturers' Association
- Fire Department Safety Officers Association
- International Association of Arson Investigators
- International Association of Black Professional Fire Fighters
- International Association of Women in Fire & Emergency Services
- International Code Council
- International Society of Fire Service Instructors
- National Association of Hispanic Firefighter
- National Association of State Fire Marshals
- National Association of State Foresters
- National Fallen Firefighters Foundation
- National Fire Protection Association
- National Society of Executive Fire Officers
- National Volunteer Fire Council
- National Wildfire Coordinating Group
- NIOSH Fire Fighter Fatality Investigation and Prevention Program
- North American Fire Training Directors
- United States Fire Administration
- Safety Week activities, resources and sample daily schedules are coordinated by:
- IAFC Safety, Health and Survival Section
- IAFF Division of Occupational Health, Safety and Medicine

We have a lot we do during the day. How are we supposed to do this too?

Easy—**don't do your normal operations outside of responding** to emergency calls. The point of Safety Week is to stop normal operations and focus on the issue of surviving on the fire ground. The focus of the day should be survival related activities, responding to emergency calls and nothing else.

Is this intended only for career fire fighters?

No, this is intended for all fire fighters and EMTs. This includes career and volunteer, airports, wildland, EMS, federal and military and industrial, to name a few. We have four platoons. Should we do this for all 4 or just pick one day?

Repeat the Safety Week activities on each shift or duty crew. Even if your drill night is not during Safety Week, still perform the activities on your regular drill night in June. It is understood that not everyone works on any given day or has a training drill during this week; find a time for department activities and take part in a Safety Week activity or two.

Use the same schedule for each platoon until everyone has **taken part**. **You don't need to move your drill night, even if it's earlier or later than the week of June 19** – take part on a schedule that makes sense for your department. And remember the most important lesson of all – fire ground survival should not be focused on for just one day or just one week. It should be a focus every day!

But the suggested schedule is for an all-day shift, and we don't work shifts.

The suggested schedule is merely a guideline to give some ideas of activities that can be accomplished in a structure of a complete work day, but there are parts that apply to everyone. In the case of EMS, wildland and airport operations, some of the standards, requirements and equipment may be very different than the ones suggested for a structural department.

For volunteers, focus on one of the "Surviving the Fire Ground: Fire Fighter, Fire Officer & Command Preparedness" drills that would fit nicely in a two- or three-hour monthly drill.

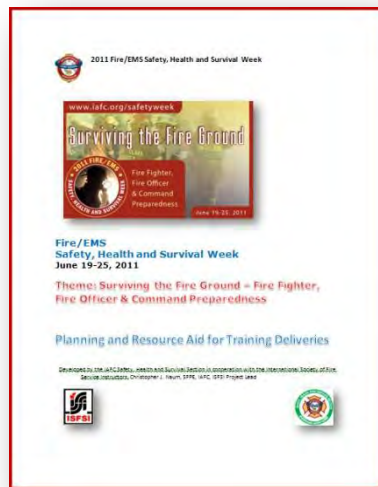
Everyone in your department should complete the online IAFF Fire Ground Survival awareness training at http://www.iaff.org/hs/fgs/FGS_CandidateGuide.htm.

There are lots of ways to make the maximum impact within the scope of your normal operations.

Also don't forget the suggested schedule and topics are just that, a suggestion. There may be something that has come up in your department or a neighboring department that you feel is more important to review than one of the suggestions, and that is what you should focus on.

OK, I'm sold; now where do I find information to help plan the day?

All of the Safety Week resources are located at www.iafc.org/safetyweek. From that page **you can sign up that you're taking part, obtain a recommended schedule of activities** and find examples of various resources and examples from fire departments around North America. They include accident reports, near-miss reports, standard operating procedures, drills and articles for you to use as you prepare for the day's activities.



Planning and Resource Aid for Training Deliveries

This Planning and Resource Aid for Training Deliveries is intended to provide insights and suggested training program topics to support the theme and focus of Safety Week 2011.

Although this document is structured in a manner to coincide with the theme and focus on Fire Ground Survivability, **it's important to note that local conditions, identified gaps or focus areas** may dictate the need to alter content and focus, the goal of Safety Week is to provide a unified and established period on a national level whereby the Fire Service can unify under a single collective initiative on fire fighter safety and survival.

This document is aligned with the objective of focus on **"Surviving the Fire Ground - Fire Fighter, Fire Officer & Command Preparedness,"** with the additional focus on delivering the online Fire Ground Survival awareness training course to all fire departments with opportunities for deliveries of selective training aids, materials and incorporating online media in a larger group (lecture) setting.

Key Elements of the Planning and Resource Aid for Training Deliveries include:

- Identified functional areas that are mission critical towards fire ground survival that provide you with a road map of suggested topical areas that are primary and functional to the operating scene that have accompanying reference and resource links to access and download supportive materials for use during Safety Week.
- Suggested Safety Week Schedules for a dedicated day delivery program, a schedule for a smaller scale evening delivery, as well as an integrated short duration lecture delivery program and hands-on field exercises.
- Blank templates to support your selection of functional areas, FGS modules and integration of department selected focus areas, incident or case study materials that support the 2011 Safety Week theme and objectives.
- References and suggested links and resources.

- Suggested case studies and reports that can be integrated into various program or format deliveries.
- Overview and insights into the new IAFF Fire Ground Survival Program supporting this year's theme of "Surviving the Fire Ground - Fire Fighter, Fire Officer & Command Preparedness."

First, here are further insights and details on the [IAFF Fire Ground Survival \(FGS\) program](#)



IAFF Fire Ground Survival Program

There is no other call more challenging to fire ground operations than a MAYDAY call — the **unthinkable moment when a fire fighter's personal safety is in imminent danger.** Fire fighter fatality data compiled by the United States Fire Administration have shown that fire fighters "becoming trapped and disoriented represent the largest portion of structural fire ground fatalities." The incidents in which fire fighters have lost their lives, or lived to tell about it, have a consistent theme — inadequate situational awareness put them at risk.

Fire fighters don't plan to be lost, disoriented, injured or trapped during a structure fire or emergency incident. But fires are unpredictable, volatile and ruthless – and they will not go according to your plans. What a fire fighter knows about a fire before entering a blazing building may radically change within minutes once inside the structure. Smoke, low visibility, lack of oxygen, structural instability and an unpredictable fire ground can cause even the most seasoned fire fighter to be overwhelmed in an instant. **It's not a matter of IF the MAYDAY happens, it's WHEN!**

Real Incidents ... Proven Survival Techniques ... IAFF Certified Instructors

The guiding fire service philosophy for decades has been training for success — we teach how to put the fire out or mitigate other hazards and hope everyone goes home. What we have failed to consistently do is drill for when failure does occur; without such training fire fighters do not have the practiced skills to rely on IF and WHEN they get into trouble.

The [IAFF Fire Ground Survival \(FGS\) program](#) is the most comprehensive survival skills and MAYDAY prevention program currently available within the fire service. Incorporating federal regulations, proven incident management best practices and survival techniques from leaders in the field, and real case studies from experienced fire fighters, the FGS program aims to educate all fire fighters to be prepared if the unfortunate happens. IAFF Fire Ground Survival instructors will provide participating fire departments with the skills they need to improve situational awareness and prevent a MAYDAY. Topics covered include:

Preventing the MAYDAY: situational awareness, planning, size up, air management, fitness for survival, defensive operations.

Being Ready for the MAYDAY: personal safety equipment, communications, accountability systems.

Self-Survival Procedures: avoiding panic, mnemonic learning aid “GRAB LIVES” — actions a fire fighter must take to improve survivability, emergency breathing.

Self-Survival Skills: SCBA familiarization, emergency procedures, disentanglement, upper floor escape techniques.

Fire Fighter Expectations of Command: command level MAYDAY training, pre-MAYDAY, MAYDAY and rescue, post-rescue, expanding the incident command system, communications.

How to Survive the MAYDAY and How to Lead the Rescue.

From the first-in recruit to the experienced commanding officer, the FGS program provides all levels of staff the step-by-step tools to use whether they are caught in the MAYDAY or leading the rescue. Through the use of mnemonics, case studies, personal experiences and real-time communications, personnel throughout the ranks will learn the life-saving techniques they need to know to facilitate a successful MAYDAY rescue.

MAYDAY training is fire fighter safety training. But without an ongoing training program, MAYDAY skills will deteriorate. A safe fire ground is maintained only when fire fighters can perform instinctively during a MAYDAY situation. From arrival at an incident to extinguishment of a fire, frequent drills are the only way fire personnel can be ready when a member needs immediate assistance. The FGS program provides the crucial review and practice fire service personnel need to improve survivability and decrease injury potential.

Fires will always be unpredictable and dangerous. Lack of situational awareness can mean disaster on the fire ground. FGS training can be the difference between life and death.

However, the program can only save lives when fire departments choose to use it.

The IAFF began developing the Fire Ground Survival training program in December 2007 to ensure that training for MAYDAY prevention and MAYDAY operations are consistent between all fire fighters, company officers and chief officers. Fire fighters must be trained to perform

potentially life-saving actions if they become lost, disoriented, injured, low on air or trapped. These training exercises must be consistent throughout the fire service.

Funded by the IAFF and assisted by a grant from the U.S. Department of Homeland Security (DHS) through the Assistance to Firefighters (FIRE Act) grant program, this comprehensive Fire Ground Survival training program applies the lessons learned from fire fighter fatality investigations conducted by the National Institute for Occupational Safety and Health (NIOSH) and was developed by a committee of subject matter experts from the IAFF, the International Association of Fire chiefs and NIOSH.

This initiative relies on the experiences that IAFF members have faced on the fire ground so fire fighters in similar situations will be able to perform standard, potentially life-saving actions if they become lost, disoriented, injured, low on air or trapped.

By February 2008, the IAFF had completed most of the program content and began working on an outline for video production to support the course materials. In May of 2008, the IAFF began video production to support this program at the Warner Brothers Studios in California. Over the next several months, video segments were edited and the student and facilitator manuals were created.

In September 2008, the FGS Committee began conducting beta classes to test and evaluate the curriculum and the delivery methods. To date, beta tests of the class have been conducted in New York, Los Angeles County, Austin, Tucson and Frederick County, Maryland. These classes included members from more than 30 IAFF affiliates.

New York, NY/IAFF Locals 94/854 Beta Class

- Bridgeport, CT/IAFF Local 834
- Hackensack, NJ/IAFF Local 2081
- Mt. Vernon, NY/IAFF Local 107
- New Rochelle, NY/IAFF Local 273
- Yonkers, NY/IAFF Local 628

Los Angeles County CA/IAFF Local 1014 Beta Class

- Avalon, CA/IAFF Local 2295
- Burbank, CA/IAFF Local 778
- Costa Mesa, CA/IAFF Local 1465
- Kern County, CA/IAFF Local 1301
- Los Angeles City, CA/IAFF Local 112
- Oxnard, CA/IAFF Local 1684

Tucson, AZ/IAFF Local 0479 Beta Class

- Drexel, AZ
- Golden Ranch, AZ
- Grass Valley, AZ
- Phoenix, AZ/IAFF Local 493
- Sierra Vista, AZ/IAFF Local 4492

Austin, TX/IAFF Local 975 Beta Class

- Cedar Park, TX/IAFF Local 4233
- Georgetown, TX/IAFF Local 3991
- Lake Travis, TX/IAFF Local 4117
- Oak Hill/TX/IAFF Local 4253
- Pflugerville, TX/IAFF Local 4137
- San Antonio, TX/IAFF Local 624
- Travis County, TX/IAFF Local 4583

Frederick County, MD/IAFF Local 3666 Beta Class

- Baltimore City, MD/IAFF Local 734
- Baltimore County, MD/IAFF Local 1311
- Burleson, TX/IAFF Local 4025
- Prince George's County, MD/IAFF Local 1619
- Seattle, WA/IAFF Local 27
- Washington, DC/IAFF Local 36

Feedback from these beta classes was used to update the curriculum and enhance the **quality of the program. The program was also highlighted at the IAFF's 2009 John P. Redmond Symposium and the 2010 Fire Department Instructors Conference (FDIC).**

The next step in the development of this program was to determine the best delivery method to provide the greatest access while maintaining the quality of instruction and, most importantly, providing the highest degree of safety. The IAFF evaluated various methods of providing the classroom portion as an online or distant learning module where members could progress through the curriculum at their own pace.

The final challenge was the hands-on or practical evolutions. To provide the proper supervision and safety requires a significant instructor-to-student ratio. Accordingly, the IAFF developed procedures and course instructions to make the program available to all members with minimal costs and without compromising quality and safety. The IAFF tested these procedures with the assistance of the Prince George's County Fire and Emergency Medical Services Department and IAFF Local 1619 in May 2010.

Program Purpose

The purpose of the Fire Ground Survival program is to ensure that training for Mayday prevention and Mayday operations are consistent between all fire fighters, company officers and chief officers. Fire fighters must be trained to perform potentially life-saving actions if they become lost, disoriented, injured, low on air or trapped.

These training exercises must be consistent throughout the fire service. Funded by the IAFF and assisted by a grant from the U.S. Department of Homeland Security (DHS) through the Assistance to Firefighters (FIRE Act) grant program, our comprehensive Fire Ground Survival training program applies the lessons learned from fire fighter fatality investigations conducted by the National Institute for Occupational Safety and Health (NIOSH) and has been developed by a committee of subject matter experts from the IAFF, the International Association of Fire Chiefs (IAFC) and NIOSH.

This program is suitable for all ranks and experience levels. The Fire Ground Survival course is a comprehensive curriculum developed using near misses, close calls and fire fighter fatalities to address the critical elements of fire ground survival.

Information from the IAFF, IAFC, National Institute of Standards and Technology (NIST), NIOSH, Underwriters Laboratories (UL), United States Fire Administration (USFA), National Fire Protection Association (NFPA) and the military was used to develop the five-part curriculum consisting of:

- 1. Mayday Prevention.**
- 2. Being Ready for the Mayday.**
- 3. Self-Survival Procedures.**
- 4. Self-Survival Skills.**
- 5. Fire Fighter Expectations of Command during a Mayday.**

Successful completion of this course requires the study of actual near misses and fatalities to reinforce the learning of each of the five parts. Students will listen to presentations, view videos of simulated Mayday incidents and read documentation supporting how best to prevent a Mayday, as well as how best to prepare for, and handle an actual Mayday. Students will learn the specific actions a fire fighter must perform to assure the highest degree of survivability when things on the fire ground go wrong.

Students will also learn the specific actions the incident commander, dispatchers and others **on the fire ground must take to assist in the fire fighter's rescue.** Mastery of the concepts will be evaluated using a post-test for each section.

Resource Link

- **IAFF Fire Ground Survival Home page, [HERE](#)**



Utilizing the IAFF Fire Ground Survival (FGS) program

Departments and agencies are encouraged to plan and schedule personnel and shifts to access, register and complete the online [Fire Ground Survival Program \(FGS\)](#) on the IAFF website.

We also recommend utilizing the FGS program resources to lead a facilitated dialog discussion and assimilating local incident history, NIOSH and Near-Miss Reporting examples and case studies.

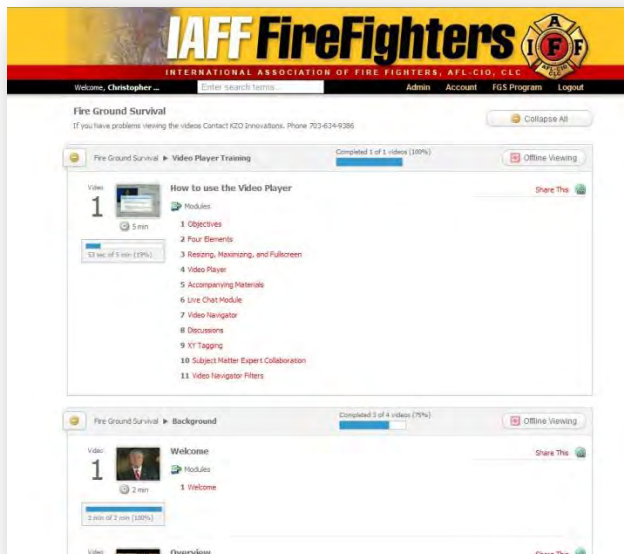


Go to the [FGS Candidate Information Guide](#)

[Click here to register and begin the IAFF Fire Ground Survival Awareness Course](#)

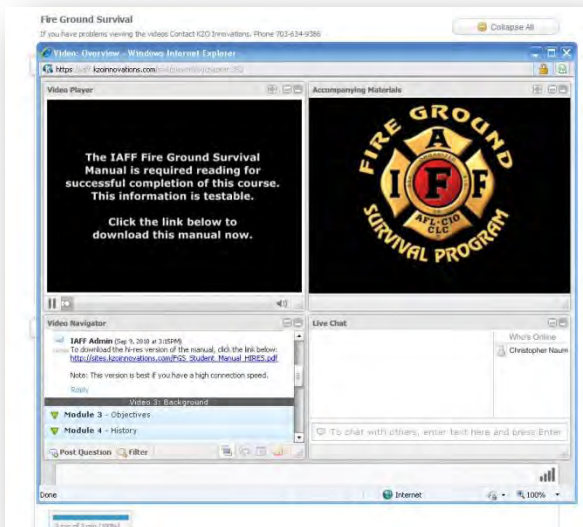
Create a user name and password for access.

You will ultimately land on the FGS program site that contains an easy to navigate and use computer based training program and modules.



There are Five (5) Chapters consisting of twenty-six (26) Modules

- **Introduction**
- **Preventing the Mayday**
- **Mayday Ready**
- **Self-Survival Procedures**
- **Self-Survival Skills**
- **Expectations of Command**



Interactive video narration

An interactive video narration provides chapter and module content delivery in a clean, easy to follow manner with rich visuals, and accompanying resource files and downloads that support module content and subject areas.

Each module is presented in a very concise and efficient manner which quickly transition from section to section.

Fire Ground Survival Program (FGS) Chapters and Modules

There are Five (5) Chapters consisting of twenty-six (26) Modules

- **Introduction** (17 minutes)
- **Preventing the Mayday** (43 minutes)
- **Mayday Ready** (38 minutes)
- **Self-Survival Procedures** (57 minutes)
- **Self-Survival Skills** (36 minutes)
- **Expectations of Command** (46 minutes)

The following screen shots provide an overview of chapters and modules



Fire Ground Survival

If you have problems viewing the videos Contact KZO Innovations. Phone 703-634-9386

Collapse All



Fire Ground Survival ▶ **Video Player Training**

Completed 1 of 1 videos (100%)

Offline Viewing

Video

1



5 min

53 sec of 5 min (19%)

How to use the Video Player


Modules

- 1 Objectives
- 2 Four Elements
- 3 Resizing, Maximizing, and Fullscreen
- 4 Video Player
- 5 Accompanying Materials
- 6 Live Chat Module
- 7 Video Navigator
- 8 Discussions
- 9 XY Tagging
- 10 Subject Matter Expert Collaboration
- 11 Video Navigator Filters

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Fire Ground Survival ► **Background** Completed 3 of 4 videos (75%) Offline Viewing

Video
1




2 min

Welcome


Modules

1 Welcome

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2 min of 2 min (100%)

Video
2





3 min

Overview

Modules


2 Overview

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3 min of 3 min (100%)

Video
3





12 min

Background

Modules


- 3 Objectives
- 4 History
- 5 Changes
- 6 Priorities
- 7 FGS Information
- 8 NIOSH Investigations
- 9 Staffing
- 10 NFPA LODD Data
- 11 Lessons Learned

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42 sec of 12 min (6%)

Video
4





30 min

Background Quiz

Modules

12 Quiz


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Fire Ground Survival ▶ Preventing the Mayday - Chapter 1 Completed 0 of 9 videos (0%) Offline Viewing

Video

1





6 min

Chapter 1-1

Modules


- 1 Objectives
- 2 Introduction
- 3 Mayday Prevention
- 4 Pre-Planning
- 5 Building Construction
- 6 UL - Structural Stability

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Video

2





5 min

Chapter 1- 2

Modules


- 7 Light-Weight Truss Systems

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Video

3





3 min

Chapter 1-3

Modules


- 8 Fuel Loads
- 9 Overhead Weight

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Video

4





1 min

Chapter 1-4

Modules


- 10 Overhead Weight
- 11 Building History
- 12 LODD Reports

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Video

5





2 min

Chapter 1-5

Modules

- 13 Derelict Buildings

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Video

6



8 min

Chapter 1-6

Modules

- 14 Size Up
- 15 Reading Smoke
- 16 Smoke vs. Propane
- 17 Reading Smoke Continued

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7



12 min

Chapter 1-7

Modules

- 18 Interior Size Up
- 19 Room Orientation
- 20 Air Management
- 21 Consider Defensive Operations
- 22 Emergency Evacuation
- 23 Hoseline Positioning
- 24 Situational Awareness
- 25 Rapid Heat Release

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8



6 min

Chapter 1-8

Modules

- 26 Iowa Fatal Fire NIST Study
- 27 NIST Fire Model
- 28 NIOSH Recommendations

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Video

9



30 min

Chapter 1 Quiz

Modules

- 29 Quiz


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Fire Ground Survival ► **Mayday Ready - Chapter 2** Completed 0 of 6 videos (0%) Offline Viewing

Video

1





4 min

Chapter 2-1

Modules


- 1 Objectives
- 2 Integrated Team
- 3 Preparation for the Mayday
- 4 Mayday Training
- 5 Pitching Deck

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2





10 min

Chapter 2-2

Modules


- 6 Are You Ready for the Mayday
- 7 Training for the Mayday
- 8 Axe Dellert

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3





7 min

Chapter 2-3

Modules


- 9 Personal Safety Equipment
- 10 Rescue Ropes
- 11 Thermal Imaging Camera
- 12 Hand Tools
- 13 Hose Lines
- 14 Search Lines
- 15 Wire Cutters
- 16 Ladders

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4





8 min



Chapter 2-4




Modules

- 17 3-Way Communications
- 18 Role of Dispatch
- 19 IAFF - IAFC Personal Radio Position Statement
- 20 Communications Training



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Video **5**  **Chapter 2-5** [Share This](#) 


 9 min  Modules [Download Presentation](#) 



- 21 Radio Discipline
- 22 Communications Order Model
- 23 Portable Radio Design
- 24 Portable Radio Location
- 25 Why "Mayday"
- 26 Accountability System
- 27 Summary




Video **6**  **Chapter 2 Quiz** [Share This](#) 

 30 min  Modules [Download Presentation](#) 



- 28 Quiz




Fire Ground Survival ► **Self-Survival Procedures - Chapter 3** Completed 0 of 6 videos (0%) [Offline Viewing](#) 

Video **1**  **Chapter 3-1** [Share This](#) 



 16 min  Modules [Download Presentation](#) 




- 1 Objectives
- 2 GRAB LIVES Video

Video **2**  **Chapter 3-2** [Share This](#) 

 4 min  Modules [Download Presentation](#) 

- 3 Mayday Situations
- 4 Who Can Call a Mayday?
- 5 Reasons FFs Don't Make the Call

Video **3**  **Chapter 3-3** [Share This](#) 

 9 min  Modules [Download Presentation](#) 

- 6 Avoid Panic
- 7 Breathe - Organize - Act
- 8 NIOSH Survival Actions
- 9 GRAB LIVES
- 10 Checking Equipment
- 11 Upon Arrival
- 12 During the Mayday

Video
4



27 min

Chapter 3-4

Modules

- 13 G-Gauge
- 14 R-Radio
- 15 Mayday Example
- 16 Who - What - Where
- 17 A-Activate PASS
- 18 B-Control Breathing
- 19 Survival Breathing
- 20 L-Stay Low
- 21 I-Illuminate
- 22 V-Volume
- 23 E-Exit
- 24 S-Shield Airway
- 25 Another Near-Miss

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Video
5



59 sec

Chapter 3-5

Modules

- 26 Self-Survival Procedures

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Video
6



30 min

Chapter 3 Quiz



Modules



- 27 Quiz

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Fire Ground Survival ► **Self-Survival Skills - Chapter 4** Completed 0 of 3 videos (0%) Offline Viewing



Video **1**  **Chapter 4-1** Share This 

 12 min  Modules


- 1 Objectives
- 2 Toronto Ladder Bail
- 3 Practical Training
- 4 Mayday Simulation



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Video **2**  **Chapter 4-2** Share This 

 15 min  Modules


- 5 SCBA Familiarization
- 6 Self-Survival Procedures
- 7 Wall Breach
- 8 Disentanglement
- 9 SCBA Confidence Maze
- 10 Upper Floor Escape Techniques
- 11 Black Sunday - FDNY

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Video **3**  **Chapter 4-3** Share This 


 9 min  Modules

- 12 Safety First
- 13 Window Hang
- 14 Personal Escape System (PES)
- 15 Rapid Ladder Escape
- 16 Low-Profile Ladder Escape
- 17 Hose Slide
- 18 Survival Props





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Fire Ground Survival ► Expectations of Command - Chapter 5 Completed 0 of 7 videos (0%) Offline Viewing

Video 1  **Chapter 5-1** Share This 
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 Modules


- 1 Objectives
- 2 Expectations of Command
- 3 Competence
- 4 Focus
- 5 Tucson Lessons Learned

Video 2  **Chapter 5-2** Share This 
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 Modules

- 6 Pre-Planning
- 7 On-Scene Size Up
- 8 Self-Survival Training
- 9 Are You Ready to Command a Mayday?
- 10 Mayday Simulation

Video 3  **Chapter 5-3** Share This 
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 Modules

- 11 NFPA Standards
- 12 NFPA 1021
- 13 NFPA 1500
- 14 Fear of Calling the Mayday
- 15 Pre-Mayday Expectations
- 16 Command Post
- 17 Staging Resources
- 18 Sides/Quadrants
- 19 Accountability System
- 20 Medical Resources
- 21 RIC Resources
- 22 RIC Group Supervisor
- 23 Additional RIC Resources
- 24 Communications Plan

Video

4



14 min

Chapter 5-4

Modules

- 25 IC Mayday Responsibilities
- 26 Receiving the Mayday
- 27 Control Communications
- 28 ID FF Calling the Mayday
- 29 Last Known Location
- 30 Deploy the RIC
- 31 Confirm the Mayday
- 32 Emergency Traffic
- 33 Notify Dispatch
- 34 Maintain Assignments
- 35 Expand the ICS
- 36 Obtain a PAR
- 37 Maintain Suppression Efforts
- 38 Expand Command Support Team
- 39 Report from RIC
- 40 Re-evaluate Action Plan
- 41 Terminate the Mayday

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Video

5



9 min

Chapter 5-5

Modules

- 42 Post-Rescue
- 43 Normal Communications
- 44 Re-define Priorities
- 45 Rehab
- 46 PIO
- 47 Investigation Team
- 48 CISM
- 49 Post-Incident Review
- 50 Expanding the ICS
- 51 Summary

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Fire Ground Survival (FGS) Training Program
Run Time for Modules

Fire Ground Survival (FGS) Training Program				
Run Time for Modules				
Chapter	Modules	Time Minutes	Total Time	Notes
Introduction				
	Overview	5		
	Background	12	17	
Chapter 1 Preventing the Mayday				
	Module 1-1	6		
	Module 1-2	5		
	Module 1-3	3		
	Module 1-4	1		
	Module 1-5	2		
	Module 1-6	8		
	Module 1-7	12		
	Module 1-8	6	43	
Chapter 2 Mayday Ready				
	Module 2-1	4		
	Module 2-2	10		
	Module 2-3	7		
	Module 2-4	8		
	Module 2-5	9	38	

Fire Ground Survival (FGS) Training Program				
Run Time for Modules				
Chapter	Modules	Time Minutes	Total Time	Notes
Chapter 3 Self-Survial Procedures				
	Module 3-1	16		
	Module 3-2	4		
	Module 3-3	9		
	Module 3-4	27		
	Module 3-5	1	57	
Chapter 4 Self-Survival Skills				
	Module 4-1	12		
	Module 4-2	15		
	Module 4-3	9	36	
Chapter 5 Expectations of Command				
	Module 5-1	5		
	Module 5-2	8		
	Module 5-3	10		
	Module 5-4	14		
	Module 5-5	9	46	

Suggested Functional Areas for Alignment

- 16 Fire Fighter Life Safety Initiatives
- Rule of Engagement
- Fire Fighter Near-**Miss Learning's**
- Procedures, Policies and Guidelines
- Pre-Fire Planning
- Building Construction
- Structural Systems
- Occupancy Risk Profiling
- Fire Dynamics & Fire Behavior
- Reading Smoke
- Survivability Profiling
- Risk Management
- Crew Resource Management
- Situational Awareness
- Disorientation Awareness
- Structural Collapse & Compromise
- Mayday & Rapid Intervention
- Fire Ground Survival
- Air Resource Management
- Tactical Patience

These functional area topics can be integrated into planned program development to support the FGS training presentations, delivery and support a comprehensive strategy for integrated Fire Ground Survival training, awareness and insights. These functional areas are supported with references and links to support program develop and deliveries.

Other Considerations in Program Planning for Safety Week

Other considerations to support the theme, objectives and initiatives of Safety Week include wide latitude of activities and interactive actions that can achieve the goals for increasing awareness and providing dialog, interaction, training while encouraging discussion and interchange.

Suggested considerations include the following, as well as encouraging fire/EMS departments to identify and integrate local issues, needs and identified gaps or enhancements that can contribute towards operational excellence and safety integration.

- Review and select a Near Miss Event Report from the National Fire Fighter Near-Miss Reporting System or the Report of the Week (ROTW) series related to functional area topics or mayday actions and discuss the event in a small group or company setting to identify similarities or difference from your our organization. Is your company or department susceptible to a similar event? What should be addressed? <http://www.firefighternearmiss.com/>
- Review and select a NIOSH LODD Report from the NIOSH Fire Fighter Fatality Investigation Program related to functional area topics or mayday actions and discuss the event in a small group or company setting to identify similarities or difference from your our organization. Is your company or department susceptible to a similar event? What should be addressed? <http://www.cdc.gov/niosh/fire/>

- Take out your Rapid Intervention Equipment and review the purpose and function of each piece of equipment. Identify and discuss alternative uses or tools that can be obtained or used in the event of unavailability, malfunction or additional resource needs. Discuss protocols, procedures, safety awareness and operational hazards, expectations and precautions. Inspection the equipment for operability and integrity.
- Identify and select a recent departmental or local/regional incident event that was either a near-miss/close-call or transitioned into a mayday event. Discuss and facilitate dialog on lessons learned, gaps, enhancements or operational successes, achievements and positive elements. Identify any factors or elements that were presented in the FGS training series that are applicable to the event, strategies, tactics or operations: can anything be improved or enhanced?
- Lead a discussion on how to call and initiate a Mayday. Discuss the factors and insights from FGS Program Chapter 3 Self-Survival Procedures and Chapter 4 Self-Survival Skills.
- Select and lead a discussion on a pertinent incident case study from either the list provided or your own selection and discuss the relevancy of the event in terms of mayday operations, fire ground survival, incident outcome and relationship to your Department or agency. What is the relevancy, similarities or differences? Can this event or circumstances occur in your jurisdiction? What can be done to prevent a history repeating event (HRE)?
- Review and discuss Roles and Responsibilities for mayday events and operations. How do they match up with your operating procedures, policies and expectations?
- Develop and facilitate a table top exercise (TTE) on a mayday event scenario utilizing a building in your first-due or response jurisdiction. Take photographs and integrate into your program. Refer to example of a simple TTE attached or go to Fire Fighternation.com for an example here:
<http://www.firefighternation.com/forum/topics/box-2752reported-fire-in-an>
- Visit a residential or commercial construction site (with pre-arrival authorization and approvals) and tour the stage of construction, looking critically at the type of construction and structural systems being implemented, materials used, workmanship and signs of deficient or adverse conditions that may affect operational integrity, safety or collapse and compromise once the building is occupied. Discuss issues such as structural integrity, collapse risk, occupancy risk versus occupancy type considerations, avenues for fire travel, effects on fire load package and rate of heat release and projected fire intensity. How would you fire a fire in the occupancy? What will define the strategy and tactics that would be or should be selected and used?
- In a controlled setting with or without PPE, Practice calling a mayday with the identified communication attributes defined in the FGS training program. Critique and practice the evolution until the group feels that it is acceptable.

References, Reports, Links and Resources

The follow are series of references, reports, links and resources that can be accessed and utilized to support Safety Week initiatives. They are not all inclusive, but do represent a

cross section of support that may provide assistance to you as you plan, develop and implement your Safety Week program and activities. Refer to the links and references provided on the Functional Areas matrix.

Links

- [International Association of Fire Chiefs](#)
- [International Association of Fire Fighters](#)
- [IAFF: Fire Ground Survival Program](#)
- [IAFC- Safety, Health and Survival Section](#)
- [NFFF/Everyone Goes Home Program](#)
- [EGH Resource Database](#)
- [Fire Engineering.com](#)
- [FireEngineering.com Fire Dynamics Page](#)
- [FireEngineering.com Survival Zone](#)
- [FireEngineering.com Training Drills](#)
- [Firehouse.com](#)
- [FirefighterClosecalls.com](#)
- [USFA Coffee Break Series](#)
- [Buildingsonfire.com](#)
- [CommandSafety.com](#)
- [American Fire Sprinkler Association](#)
- [Canadian Fallen Firefighters Foundation](#)
- [Fire Chief Magazine](#)
- [Fire Department Safety Officers Association](#)
- [Fire Engineering Magazine](#)
- [Firefighter Cancer Support Network](#)
- [Fire Fighter Cancer Foundation, Inc.](#)
- [Fireman's Fund Insurance Company](#)
- [FireRescue1](#)
- [Home Safety Council](#)
- [HonorTheirSacrifices.com](#)
- [International Code Council](#)
- [International Fire Service Training Association](#)
- [International Society of Fire Services Instructors](#)
- [National Association of State Fire Marshals](#)
- [National Board on Fire Service Professional Qualifications](#)
- [National Fire Protection Association](#)
- [National Fire Sprinkler Association](#)
- [National Institute of Standards and Technology](#)
- [National Society of Executive Fire Officers](#)
- [National Volunteer Fire Council](#)
- [North American Fire Training Directors](#)
- [Occupational Safety and Health Administration](#)
- [Society of Fire Protection Engineers](#)
- [Underwriters Laboratories](#)
- [United States Fire Administration](#)
- [Volunteer Firemen's Insurance Services](#)

Selected References

- IAFC: The Rules of Engagement for Firefighter Survival and The Incident Commanders Rules of Engagement for Firefighter Safety, [HERE](#) and [HERE](#)
- NIOSH Publication No. 2010-153: NIOSH Alert: Preventing Deaths and Injuries of Fire Fighters using Risk Management Principles at Structure Fires, [HERE](#)
- **What's on your Radar Screen;** <http://commandsafety.com/2010/07/whats-on-your-radar-screen/>
- Reflecting upon these days of June; <http://commandsafety.com/2010/06/reflecting-on-these-days-of-june/>
- NIST References [HERE](#) and [HERE](#)
- Fire Fighting Tactics Under Wind Driven Conditions Report, [HERE](#)
- Reference Data [HERE](#)
- NIST Firefighter Safety and Deployment Study; Report on Residential Fireground Field Experiments download at the NIST, [HERE](#) or Synopsis [HERE](#)
- **Report:** [Trends in Firefighter Fatalities Due to Structural Collapse 1979-2002](#)
- **Report:** [Early Warning Capabilities for Firefighters: Testing of Collapse Prediction Technologies](#)
- UL University on-line Program [HERE](#)
- **NIOSH LODD Reports**
 - Each year an average of 105 fire fighters die in the line of duty. To address this continuing national occupational fatality problem, NIOSH conducts independent investigations of fire fighter line of duty deaths. The dedicated web page provides access to NIOSH investigation reports and other fire fighter safety resources.
 - NIOSH Web Page [HERE](#)
 - Through the [Fire Fighter Fatality Investigation and Prevention Program](#), NIOSH conducts investigations of fire fighter line-of-duty deaths to formulate recommendations for preventing future deaths and injuries. The program does not seek to determine fault or place blame on fire departments or individual fire fighters, but to learn from these tragic events and prevent future similar events.
 - Fire Fighter Fatality Investigation Reports, [HERE](#)
- **NIOSH Alert: Preventing Deaths and Injuries of Fire Fighters using Risk Management Principles at Structure Fires**
 - Fire fighters are often killed or injured when fighting fires in abandoned, vacant, and unoccupied structures.
 - These structures pose additional and sometimes unique risks due to the potential for fire fighters to encounter unexpected and unsafe building conditions such as dilapidation, decay, damage from previous fires and vandals, and other factors such as uncertain occupancy status. Risk management principles must be applied at all structure fires to ensure the appropriate strategy and tactics are used based on the fireground conditions encountered.
 - Report [HERE](#)
- **NIOSH Report; Preventing Deaths and Injuries of Fire Fighters Working Above Fire Damaged Floors**
 - Fire fighters are at risk of falling through fire-damaged floors. Fire burning underneath floors can significantly degrade the floor system with little indication to fire fighters working above.
 - Floors can fail within minutes of fire exposure, and new construction technology such as engineered wood floor joists may fail sooner than traditional construction methods.

- NIOSH recommends that fire fighters use extreme caution when entering any structure that may have fire burning beneath the floor.
 - Report [HERE](#)
- **NIOSH ALERT: Preventing Injuries and Deaths of Fire Fighters due to Truss System Failures**
 - Fire fighters may be injured and killed when fire-damaged roof and floor truss systems collapse, sometimes without warning.
 - The National Institute for Occupational Safety and Health (NIOSH) requests assistance in preventing injuries and deaths of fire fighters due to roof and floor truss collapse during fire-fighting operations. Roof and floor truss system collapses in buildings that are on fire cannot be predicted and may occur without warning.
 - NIOSH recommends that fire departments review their occupational safety programs and standard operating procedures to ensure they include safe work practices in and around structures that contain trusses. Building owners should follow proper building codes and consider posting building construction information outside a building to advise fire fighters of the conditions they may encounter.
 - ALERT Report [HERE](#)
- **National Near Miss Reporting System (NNMRS) Operating Experience**
 - The National Fire Fighter Near-Miss Reporting System is a voluntary, confidential, non-punitive and secure reporting system with the goal of improving fire fighter safety.
 - Submitted reports will be reviewed by fire service professionals. Identifying descriptions are removed to protect your identity. The report is then posted on this web site for other fire fighters to use as a learning tool.
 - National Fire Fighter Near-Miss Reporting System Web Site, [HERE](#)
 - Search Reports, [HERE](#)
 - Resources, [HERE](#)
- **Prince William County (VA) Fire Rescue Kyle Wilson LODD Report- Remembrance and Learning's [HERE](#)**
 - **Resources and Report**
 - [LODD Report Fact Sheet](#) (23.9kb)
 - [LODD Investigative Report](#) (9.16 mb)
 - [LODD Report Presentation](#) (6.65 mb)
 - [LODD Report Basic House Model](#) (Section 1) (1.87 mb)
 - [LODD Report Fire Model](#) (Section 3) (5.16 mb)
 - [LODD Flashover Chart](#) (60 kb)
 - **Prince William County (VA) Fire and Rescue** Web Site, [HERE](#)
 - **NIOSH LODD REPORT:** Career fire fighter dies in wind driven residential structure fire – Virginia, [HERE](#)
 - **NIST Fire Fighting Tactics Under Wind Driven Conditions: Laboratory Experiments**
 - A series of experiments was conducted in our Large Fire Laboratory to examine the impact of wind control curtains and externally applied hose streams on a wind driven fire. The results from these experiments will allow us to better understand the fire dynamics within a structure and provide guidance as to the important measurements needed in the future experiments in a high-rise on Governor's Island in New York City.
 - Fire Fighting Tactics Under Wind Driven Conditions Report, [HERE](#)
 - Reference Data [HERE](#)
- **Colerain Township [Eleven Minutes to Mayday; What You Need to Know](#) [HERE](#)**

- Colerain Township Department of Fire and Emergency Medical Services, Web Site [HERE](#)
- Investigation Analysis of the Squirrels nest Lane Firefighter Line of Duty Deaths April, 2010 Full Report [HERE](#)
- NIOSH Fire Fighter Fatality Investigation Report F2008-09| CDC/NIOSH July, 2009, Report [HERE](#)
- WLTW.com news report Summary [HERE](#)
- **Charleston Sofa Super Store Fire; [Final NIST Report](#)**
- For a detailed summary of the Sofa Super Store study, its findings and recommendations, and links to supporting materials such as graphics and video segments from computer simulations of the fire, go to **“NIST Study on Charleston Furniture Store Fire Calls for National Safety Improvements”** at www.nist.gov/el/fire_research/charleston_102810.cfm.
- **Volume I:** http://www.nist.gov/manuscript-publication-search.cfm?pub_id=908200,
- **Volume II:** http://www.nist.gov/manuscript-publication-search.cfm?pub_id=908201.
- **Analytical Study Reveals Patterns in U.S Firefighter Fatalities [Report](#)**
 - **The entire report is available at a nominal fee, [HERE](#);**
 - **Journal Reference:**
 1. Kumar Kunadharaju, Todd D. Smith, David M. DeJoy. **Line-of-duty deaths among U.S. firefighters: An analysis of fatality investigations.** *Accident Analysis & Prevention*, 2011; 43 (3): 1171 DOI: [10.1016/j.aap.2010.12.030](https://doi.org/10.1016/j.aap.2010.12.030)
 - Science Daily Article [HERE](#)
 - University of Georgia (2011, April 14). Comprehensive study reveals patterns in firefighter fatalities. *ScienceDaily*. Retrieved April 16, 2011, from <http://www.sciencedaily.com/releases/2011/04/110412171208.htm>
- **Other Report Links of Interest**
 - Reducing Firefighter Deaths and Injuries: Changes in Concept, Policy, and Practice Contributing Factors in Firefighter Line-of-Duty Deaths in the United States. [HERE](#)
 - [Fire Fighter Fatality Investigation and Prevention Program: Leading Recommendations for Preventing Fire Fighter Fatalities, 1998–2005](#)
DHHS (NIOSH) Publication No. 2009-100
This document is a synthesis of the 1,286 individual recommendations from the 335 FFFIPP investigations conducted from 1998 to 2005.
 - [Fire Fighter Fatality Investigation and Prevention Program Evaluation](#) NIOSH report of findings from its national survey of U.S. fire departments.
 - [2011 Fatality Summary Statistics](#) (PDF, 14 Kb)
 - [2010 Fatality Summary Statistics](#) (PDF, 11 Kb)
 - [Fire-Related Firefighter Injuries Reported to NFIRS](#) (PDF, 945 Kb, Volume 11, Issue 7 – February 2011)
 - [Firefighter Fatalities in 2000](#) (PDF, 110 Kb, Volume 1, Issue 20 – December 2001)
 - [Firefighter Injuries](#) (PDF, 119 Kb, Volume 2, Issue 1 – March 2002)
 - [Firefighter Injuries in Structures](#) (PDF, 95 Kb, Volume 2, Issue 2 – March 2002)
 - [Fire-Related Firefighter Injuries in 2004](#) (PDF, 2.4 Mb – February 2008)
- **Engineered Floor I-Joists and Firefighter Safety: Basic Insights, [HERE](#)**
 - **Reference Links for Operational Insights and Operating Experience (OE)**
 - [Eleven Minutes to Mayday: What You Need to Know](#)
 - [Career Engineer Dies and Fire Fighter Injured After Falling Through Floor While Conducting a Primary Search at a Residential Structure Fire – Wisconsin](#)
 - [Volunteer deputy fire chief dies after falling through floor hole in residential structure during fire attack – Indiana](#)

- [A career captain and a part-time fire fighter die in a residential floor collapse – Ohio](#)
- [Career fire fighter dies after falling through the floor fighting a structure fire at a local residence – Ohio](#)
- [Career lieutenant dies following floor collapse into basement fire and a career fire fighter dies attempting to rescue the career lieutenant – New York](#)
- [Floor collapse at commercial structure fire claims the lives of one career lieutenant and one career fire fighter – New York](#)
- [First-floor collapse during residential basement fire claims the life of two fire fighters \(career and volunteer\) and injures a career fire fighter captain – New York](#)
- [NIOSH Alert: Preventing Injuries and Deaths of Fire Fighters due to Truss System Failures](#)
- [NIOSH Alert: Preventing Injuries and Deaths of Fire Fighters due to Structural Collapse \(1999\)](#)
- [Preventing Deaths and Injuries of Fire Fighters Working Above Fire-Damaged Floors](#)
- **CommandSafety.com:** [Operational Safety at Basement Fires: Close Call](#)
- **CommandSafety.com:** [Buffalo, NY Three Alarm Fire and Double LODD Report](#)
- **CommandSafety.com:** [Remembering Brackenridge 1991 Floor Collapse and LODD](#)
- **CommandSafety.com:** [Engineered Structural Systems- Hazards](#)
- **Chicago: Anatomy of a Collapse; [HERE](#)**
 - [Chicago: Anatomy of a Building and its Collapse-PDF Download](#)
 - **Other Links**
 - Roof of building in deadly fire called 'defective' in 2007, Link [HERE](#)
 - A fire commissioner's words on tragedy, tempered by his family history, [HERE](#)
 - Chicago Tribune Editorial: "Every fireman knows", a must read....[HERE](#)
 - Operational Safety Training Aide: [Ordinary and Heavy Timber Constructed Occupancies Training Download](#) from Commandsafety.com
 - Lessons Learned: [Buffalo, NY Three Alarm Fire and Double LODD Report](#)
 - San Francisco: [Collapse of Bowstring Truss Roof Seriously Injures Fire Fighter](#)
 - FDNY: [The Waldbaum Fire Collapse FDNY 1978 Remembrance](#)
 - Ordinary Construction Floor Collapse:
<http://www.cdc.gov/niosh/fire/reports/face200923.html>
 - Brick Parapet Wall Collapse:
<http://www.cdc.gov/niosh/fire/reports/face200821.html>
 - Partial Roof Collapse: <http://www.cdc.gov/niosh/fire/reports/face200509.html>
 - Roof Collapse during interior operations:
<http://www.cdc.gov/niosh/fire/reports/face9617.html>
 - Trapped during fire suppression operations at a millwork facility:
<http://www.cdc.gov/niosh/fire/reports/face200807.html>
 - **Don't forget** to research some of the Near Miss Reports on the NFFNMRS:
<http://www.firefighternearmiss.com/>



**Fire/EMS
Safety, Health and Survival Week
June 19-25, 2011**

**Theme: Surviving the Fire Ground – Fire Fighter,
Fire Officer & Command Preparedness**

**Suggested Functional Area Topics Matrix
Supporting Safety Week Theme and Surviving the
Fire Ground**



Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness				
Functional Areas				
Functional Areas	FFLS Initiative Number ¹	FGS Module Number ²	References and Links	Notes
16 Fire Fighter Life Safety Initiatives	1	Intro, 1	<ul style="list-style-type: none"> • http://www.everyonegoeshome.com/initiatives.html • Overview & Explanation • Initiative 1: Culture • Initiatives 1 - 4 • Initiatives 5 - 8 • Initiatives 9 - 12 • Initiatives 13 - 16 	
Rules of Engagement	2,3,4	Intro; 3-2; 5-3	<ul style="list-style-type: none"> • http://www.iafc.org/downloads/Rules_of_Engagement.pdf • http://www.iafc.org/downloads/Rules_of_Engagement.pdf • "Tactical Renaissance and the Rules of Engagement" Podcast Link, HERE 	
Fire Fighter Near-Miss Learning's	1,4,7,9	Intro;1-1 1-8	<ul style="list-style-type: none"> • http://www.firefighternearmiss.com/ • http://www.firefighternearmiss.com/index.php/main-resources • Report of the Week Archives, HERE 	
Procedures, Polices and Guides	3,5,11	Intro; 5-3	<ul style="list-style-type: none"> • Report: Contributing Factors to Firefighter Line-of-Duty Death in the United States • Are You on a Path to a LODD? ↓ • PowerPoint Presentation - Part 1 (5 MB) • PowerPoint Presentation - Part 2 (4 MB) • Instructor Guide (MS Word) • Duty & Responsibility to Act Safely • Video: Line-of-Duty Death Prevention ↓ • Download: Line-of-Duty Death Prevention ↓ • PowerPoint Presentation (5 MB) • Instructor Guide (MS Word) 	
Pre-Fire Planning	3	1-1;1-2; 1-7; 1-8 5-2	<ul style="list-style-type: none"> • Construction, Pre-Planning & Risk Assessment • Pre-Incident Planning (Powerpoint) • Firefighter Fatality Investigative Report - Sofa Super Store Fire (Charleston, SC) (PDF) • Fallen Firefighter Website References (MS Word) 	

			<ul style="list-style-type: none"> • Pre-Incident Survey Checklist (MS Word) • NIOSH LODD Report - 2006-07 (PDF) • NIOSH LODD Report - 2007-01 (PDF) • Pre-Incident Plan Instructor Guide (PDF) • EGH: http://www.everyonegoeshome.com/media/2011/S6-4/player.html 	
Building Construction	1,3	1-1; 1-3; 1-5; 1-6; 1-7; 1-8	<ul style="list-style-type: none"> • Construction, Pre-Planning & Risk Assessment • Building Construction Hazards (Powerpoint) • Facilitator Teaching Outline (MS Word) • Construction Hazards Checklist (MS Word) • NIOSH LODD Report - 2007-07 (PDF) • NIOSH LODD Report - 2007-08 (PDF) • NIOSH LODD Report - 2008-06 (PDF) • Modular Construction Hazards and Safety http://www.everyonegoeshome.com/media/2010/S6-3/player.html • Modular Construction Fires - Lessons Learned • Download Now • NFFNMRS: May 2009 Calendar Module - Structural Collapse Program Manual • NFFNMRS: May 2009 Calendar Module - Structural Collapse PowerPoint • The New Lexicon and Challenges • The Wrong Dragon.....just look over your shoulder • Combat Fire Engagement and Structural Anatomy of Buildings • Chicago: Anatomy of a Building and its Collapse • Chicago: Anatomy of a Building and its Collapse-PDF Download 	
Structural Systems	3,8	1-1; 1-3; 1-5; 1-6; 1-7; 1-8	<ul style="list-style-type: none"> • Dangers of Engineered Wood "I" Beam Floors • Power Point Presentation Lesson Plan • Construction, Pre-Planning & Risk Assessment • Underwriters Laboratories Structural Stability of Engineered Lumber in Fire Conditions 	
Occupancy Risk Profiling	1,3,4	1-1; 1-3; 1-5; 1-6; 1-7; 1-8 5-2	<p>Occupancy Risks versus Occupancy Types</p> <ul style="list-style-type: none"> • http://commandsafety.com/2010/11/occupancy-risks-versus-occupancy-types/ 	
Fire Dynamics & Fire Behavior	1,3,4,8	1-1; 1-3; 1-5; 1-6;	<ul style="list-style-type: none"> • Impact of Ventilation on Fire Behavior in Legacy and Contemporary Residential Construction • NIST Wind Driven Fires Programs 	

		1-7; 1-8	<ul style="list-style-type: none"> • NIST: http://www.fire.nist.gov/ • Simulation of the Dynamics of a Fire in a Two-Story Duplex - Iowa, December 22, 1999 • Simulation of the Dynamics of the Fire at 3146 Cherry Road NE Washington D.C., May 30, 1999 • 	
Reading Smoke	3,4,8	1-6	<ul style="list-style-type: none"> • Reading Smoke: The First Step in Safe Decisions • Download: Reading Smoke: The First Step in Safe Decisions • Reading Smoke: View Download 	
Survivability Profiling	3,4,8	1-6; 1-7; 1-8; 2-2; 3-2; 3-3 5-3;	<ul style="list-style-type: none"> • National Fire Academy, Executive Fire Officer Program: EFO Paper: • <i>Can They Be Saved? Utilizing Civilian Survivability Profiling to Enhance Size-up and Reduce Firefighter Fatalities in the Fire Department, City of New York</i> http://www.usfa.dhs.gov/pdf/efop/efo44310.pdf • USFA Announces 2009 Outstanding Research Award Winners. EFO ...Mar 18, 2010 • NYC.gov Announcement: FDNY Captain Receives USFA Outstanding Research Award http://www.nyc.gov/html/fdny/html/events/2011/040411a.shtml • Size-Up: How Do We Use It? - Fire Engineering Dec 1, 2007 ... BY STEPHEN MARSAR. • Survivability Profiling: Are the Victims Savable? - Fire Engineering Dec 1, 2009 ... • Survivability Profiling: How Long Can Victims Survive in a Fire ...Jul 1, 2010 • 	
Risk Management	1,3,4	1-1; 1-3; 1-5; 1-6; 1-7; 1-8	<ul style="list-style-type: none"> • Residential Fire Sprinklers: A Step-by-Step Approach for Communities • NIST Deployment Report on EMS Field Experiments • NIST Deployment Report on Residential Fireground Field Experiments • Construction, Pre-Planning & Risk Assessment • Report: Contributing Factors to Firefighter Line-of-Duty Death in the United States • Dynamic Risk Management - Best Practices (Powerpoint) • Dynamic Risk Management - Checklist (Powerpoint) • Risk Versus Reward (Powerpoint) • A risk assessment worksheet: a tool for commanders in determining enhanced responses • Improving Your Theory of the Situation: View Download • Avoiding Disorientation Hazard: View Download 	
Crew Resource Management	1,3,4,5	2-2;	<ul style="list-style-type: none"> • Crew Resource Management Manual 	

		2-3; 3-2; 3-3; 3-4; 5-3	<ul style="list-style-type: none"> • CRM PowerPoint Presentation • Crew Resource Management manual (PDF) • A study of tactical patterns during fire fighting operations • Live Fire Experiments Examine Impact of Changes in Firefighting Resources 	
Situational Awareness	1,3,4,5	2-2; 2-3; 3-2; 3-3; 3-4; 5-3	<ul style="list-style-type: none"> • Situational Awareness: Key to Survival • Download: Situational Awareness: Key to Survival • Situational Awareness • Download Now • Improving Your Theory of the Situation: View Download • Avoiding Disorientation Hazard: View Download • 	
Disorientation Awareness	1,3,4,5	2-2; 2-3; 3-2; 3-3; 3-4; 5-3	<ul style="list-style-type: none"> • http://www.everyonegoeshome.com/newsletter/2009/january/preplanning.html • http://everyonegoeshome.com/newsletter/2008/december/disorientation.html • http://everyonegoeshome.com/media/disorientation/player.html • Disorientation Study: http://www.sanantonio.gov/safd/PDFs/FirefighterDisorientationStudy.pdf • Improving Your Theory of the Situation: View Download • Avoiding Disorientation Hazard: View Download 	
Structural Collapse & Compromise	1,3,4,8	1-1; 1-3; 1-5; 1-6; 1-7; 1-8	<ul style="list-style-type: none"> • NIOSH Alert: Structural Collapse • NIOSH Alert: Truss System Failures • NIOSH Alert - Fire Damaged Floors (PDF) • NIOSH Structural Collapse Study (PDF) • NIOSH Truss Guide (PDF) • NFFNMRS: Report 10-163: Roof Collapses on FF • NFFNMRS: May 2009 Calendar Module - Structural Collapse Program Manual • NFFNMRS: May 2009 Calendar Module - Structural Collapse PowerPoint • Structural Collapse: The Hidden Dangers of Residential Fires 	
Mayday and Rapid Intervention	3,4	Chapter 2, 3, 4, 5	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • IAFF Fire Ground Survival Program: Developing Comprehensive Survival Skills and Mayday Prevention • The Mayday - "Are you ready?" • Download: The Mayday - "Are you ready?" • RIT: Preparing to Make a Difference • Rapid Intervention Teams (Powerpoint) • Job Aid RIT (MS Word) 	

			<ul style="list-style-type: none"> • RIT Lesson Plan (MS Word) • RIT Objectives (MS Word) • RIT SOG Example 1 (MS Word) • RIT SOG Example 2 (MS Word) • NIOSH LODD Report - 2007-16 (PDF) • NIOSH LODD Report - 2007-29 (PDF) • NIOSH LODD Report - 2008-06 (PDF) • Rapid Intervention Team Drills • Download: Rapid Intervention Team Drills • A change in attitude: maydays and rapid intervention teams in large buildings • Mayday and Rapid Intervention Teams: View Download 	
Fire Ground Survival	3,4	Chapter 2, 3, 4, 5	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • IAFF Fire Ground Survival Program: Developing Comprehensive Survival Skills and Mayday Prevention • NFFMRS: September Module: Operational Readiness PowerPoint 	
Air Resource Management	3,4,5	3-1; 3-2; 3-3; 3-4; 3-5; 4-1; 4-2; 4-3;	<ul style="list-style-type: none"> • The Rule of Air Management Q & A - Fire Engineering • AIR MANAGEMENT: KNOW YOUR AIR-CONSUMPTION RATE - Fire Engineering • Air Management Drill - Fire Engineering • AIR MANAGEMENT - Fire Engineering • R.E.A.D.Y. CHECKS AND THE RULE OF AIR MANAGEMENT - Fire Engineering • Rethinking Emergency Air Management: The Reilly Emergency ... 	
Tactical Patience	1,2,4	Chapter 1,2	<p>Tactical Patience and the New Considerations of Ventilation on Fire Behavior in Legacy and Contemporary Residential Construction</p> <ul style="list-style-type: none"> • http://commandsafety.com/2010/12/tactical-patience-and-the-new-considerations-of-ventilation-on-fire-behavior-in-legacy-and-contemporary-residential-construction/ • In Search of Tactical Patience 	



**Fire/EMS
Safety, Health and Survival Week
June 19-25, 2011**

Theme: Surviving the Fire Ground – Fire Fighter, Fire Officer & Command Preparedness

Suggested Schedule for 8 Hour Initiatives with Integrated Fire Ground Survival Program Modules



This Schedule Template utilizes an Eight (8) Hour Format integrating Suggested Functional Area Topics that can be interchanged based on local needs and incorporates three (3) modules of the IAFF Fire Ground Survival Program (FGS). Please note you can select any modules determined to be of local need or interests.

Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness						
Functional Area Eight Hour Schedule with FGS Modules						
Time	Hour	Functional Area	Key Issues and Considerations	Reference and Links	Dept./Agency Specific Considerations Add Specific Issues HERE	Assignments, Planning or Logistics Notes
00:30	1	Fire Fighter Life Safety Initiatives	<ul style="list-style-type: none"> Discuss and facilitate discussion on organizational culture and safety 	<ul style="list-style-type: none"> Agency Mission Statement http://www.everyonegoeshome.com/initiatives.html Overview & Explanation Initiative 1: Culture Initiatives 1 - 4 Initiatives 5 - 8 Initiatives 9 - 12 Initiatives 13 - 16 		
00:30		Procedures, Policies and Guides	<ul style="list-style-type: none"> Review key SOPs & SOGs related to Fire Ground Operations 	<ul style="list-style-type: none"> Agency SOPs, SOGs, Policies Agency Expectations Company Expectations or Gaps What defines your level of preparedness? 		
00:30	2	Building Construction	<ul style="list-style-type: none"> Discuss pertinent issues relate to Building Construction that is present in your area Review a Near Miss Report or NIOSH report 	<ul style="list-style-type: none"> Construction, Pre-Planning & Risk Assessment Building Construction Hazards (Powerpoint) Facilitator Teaching Outline (MS Word) Construction Hazards Checklist (MS Word) NIOSH LODD Report - 2007-07 (PDF) NIOSH LODD Report - 2007-08 (PDF) NIOSH LODD Report - 2008-06 (PDF) Modular Construction Hazards and Safety http://www.everyonegoeshome.com/media/2010/S6-3/player.html Modular Construction Fires - Lessons Learned Download Now NFFNMRS: May 2009 Calendar Module - Structural Collapse Program Manual 		

				<ul style="list-style-type: none"> • NFFMRS: May 2009 Calendar Module - Structural Collapse PowerPoint • The New Lexicon and Challenges • The Wrong Dragon.....just look over your shoulder • Chicago: Anatomy of a Building and its Collapse • Chicago: Anatomy of a Building and its Collapse-PDF Download • Combat Fire Engagement and Structural Anatomy of Buildings 		
00:30		Structural Stability	<ul style="list-style-type: none"> • What about the degree of structural stability in various occupancies? 	<ul style="list-style-type: none"> • Dangers of Engineered Wood "I" Beam Floors • Power Point Presentation Lesson Plan • Construction, Pre-Planning & Risk Assessment • Underwriters Laboratories Structural Stability of Engineered Lumber in Fire Conditions 		
00:30	3	Preventing the Mayday	<ul style="list-style-type: none"> • How well do you know your response area? • What about greater alarm or mutual aid areas? • What past incident or operational experiences have resulted in less than desired results? Close-calls or Near-Misses • What are the hazards, risks, past performance? • Discuss past RIT or Maydays 	<ul style="list-style-type: none"> • Select Functional Areas (Choice) for discussion and dialog • Utilize References, Links and Resource as selected from the Reference matrix 		
00:30		Review FGS Chapter 1; Preventing the Mayday Modules 1-1 thru 1-4	<ul style="list-style-type: none"> • Mayday Prevention • Pre-Planning • Building Construction • UL Structural Stability • LT Wt. Truss Systems • Overhead Hazards 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 1 Preventing the Mayday Modules 1-1 thru 1-4 Student Manual 		
00:30	4	Review FGS Chapter 1; Preventing the Mayday Modules	<ul style="list-style-type: none"> • Mayday Prevention • Pre-Planning • Building Construction 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 1 Preventing the Mayday Modules 1-5 thru 1-8 Student Manual 		

		1-5 thru 1-8 Continued	<ul style="list-style-type: none"> UL Structural Stability LODD Reports Interior Size up Reading Smoke Air Management Defensive Operations Situational Awareness Rapid Heat Release Fire Suppression OPS NIST Fire Modeling 			
00:30		Open Discussion	<ul style="list-style-type: none"> Agency Specific Risks and Hazards 	<ul style="list-style-type: none"> Take photos of target hazards, high risk buildings and discuss Discuss recent incident, building and outcome Select an Identifiable NIOSH LODD report and discuss 		
00:30	5	Review FGS Chapter 2; Mayday Ready Modules 2-1 thru 2-3	<ul style="list-style-type: none"> Preparing for the Mayday Are You Ready? Mayday Training Personal safety Equipment Tools & Equipment Mission Critical Resources 	<ul style="list-style-type: none"> IAFF Fire Ground Survival Program FGS Chapter 2 Mayday Ready Modules 2-1 thru 2-3 Student Manual 		
00:30		Review FGS Chapter 2; Mayday Ready Modules 2-4 thru 2-5 Continued	<ul style="list-style-type: none"> Three Point Communications Role of Dispatch Personal Radio Position Communications Training Radio Discipline Comm Order Model Portable Radios Why "Mayday?" Accountability 	<ul style="list-style-type: none"> IAFF Fire Ground Survival Program FGS Chapter 2 Mayday Ready Modules 2-4 thru 2-5 Student Manual 		
00:30	6	Rules of Engagement (ROE)	<ul style="list-style-type: none"> Discuss the new Rules of Engagement How do they fit into your organization? 	<ul style="list-style-type: none"> http://www.iafcsafety.org/downloads/Rules_of_Engagement.pdf http://www.iafcsafety.org/downloads/Rules_of_Engagement.pdf "Tactical Renaissance and the Rules of Engagement" Podcast Link, HERE 		
00:30		Roles of Fire Fighters Roles of Commanders in	<ul style="list-style-type: none"> Discuss the ROE related to Fire Fighters and Commanders 	<ul style="list-style-type: none"> Same as above 		

		the ROE	<ul style="list-style-type: none"> • How does this affect your organization or company? • Is there by-in? or are there gaps 			
00:30	7	Review FGS Chapter 3 Self-Survival Procedures Modules 3-1 thru 3-3	<ul style="list-style-type: none"> • Mayday Situations • Who can call a Mayday? • Reasons why FFs Don't make the Mayday call • Avoiding Panic • Breathe-Organize-Act • NIOSH Survival Actions • GRAB LIVES • Check Equipment Upon Arrival • During the Mayday 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • Chapter 3 Self-Survival Procedures Modules 3-1 thru 3-3 		Optional FGS Chapter 5 Expectations of Command Module 5-1 thru 5-3 (30 min.)
00:30	7	Review FGS Chapter 3 Self-Survival Procedures Modules 3-4 thru 3-5	<ul style="list-style-type: none"> • G-Gauge • R-Radio • Mayday Example • Who-What-Where • A-Activate PASS • B-Control breathing • Survival Breathing • L-stay Low • I-Illuminate • V-Volume • E-Exit • S-Shield Airway • Another Near-Miss • Self –Survival Procedures 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • Chapter 3 Self-Survival Procedures Modules 3-4 thru 3-5 • Student Manual 		Optional FGS Chapter 5 Expectations of Command Module 5-4 thru 5-5 (30 min.)
00:30	8	Survivability Profiling and Risk Management	<ul style="list-style-type: none"> • How is your agency implementing refined size-up, dynamic risk assessment, utilizing the 360 approach? • How effective is your current size-up process? • How does this align with current fire ground theories of operations, risk, 	<ul style="list-style-type: none"> • National Fire Academy, Executive Fire Officer: EFO Paper: • <i>Can They Be Saved? Utilizing Civilian Survivability Profiling to Enhance Size-up and Reduce Firefighter Fatalities in the Fire Department, City of New York</i> http://www.usfa.dhs.gov/pdf/efop/efo44310.pdf • USFA Announces 2009 Outstanding Research Award Winners, EFO ...Mar 18, 2010 • NYC.gov Announcement: FDNY Captain Receives USFA Outstanding Research Award http://www.nyc.gov/html/fdny/html/events/2011/040411a.shtml • Size-Up: How Do We Use It? - Fire Engineering Dec 1, 2007 ... BY 		

			<p>profiling and safety conscious work practices?</p>	<ul style="list-style-type: none"> • Survivability Profiling: Are the Victims Savable? - Fire Engineering Dec 1, 2009 ... BY STEPHEN MARSAR. • Survivability Profiling: How Long Can Victims Survive in a Fire ...Jul 1, 2010 ... • Residential Fire Sprinklers: A Step-by-Step Approach for Communities • NIST Deployment Report on EMS Field Experiments • NIST Deployment Report on Residential Fireground Field Experiments • Construction, Pre-Planning & Risk Assessment • Report: Contributing Factors to Firefighter Line-of-Duty Death in the United States • Dynamic Risk Management - Best Practices (Powerpoint) • Dynamic Risk Management - Checklist (Powerpoint) • Risk Versus Reward (Powerpoint) • A risk assessment worksheet: a tool for commanders in determining enhanced responses • Improving Your Theory of the Situation: View Download • Avoiding Disorientation Hazard: View Download 		
00:30		Wrap-up and Closing Discussions	<ul style="list-style-type: none"> • Facilitate discussion on the presentations • Are there any identified gaps or identified areas for improvement? • How will the information presented be implemented during future shifts or operations? • What level of individual and/or company level accountability can be implemented? • How can the organization become safer and effective to minimize and reduce risk to mayday events to improve fire ground survivability? 	<ul style="list-style-type: none"> • Agency Specific and/or developed or; • Utilize resources from the Functional Matrix 		

Production and Planning Notes



Use this template to identify and plan your topics and schedule of activities for Safety Week. Utilize the Functional Areas Chart, focus on the IAFF Fire Ground Survival training and look to your own department's special considerations, gaps and needs.

Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness						
Functional Area Eight Hour Schedule						
Time	Hour	Functional Area	Key Issues and Considerations	Reference and Links	Dept./Agency Specific Considerations Add Specific Issues HERE	Assignments, Planning or Logistics Notes
00:00	1		•	•		
00:00			•	•		
00:00	2		•	•		
00:00			•	•		
00:00	3		•	•		
00:00			•	•		
00:00	4		•	•		
00:00			•	•		
00:00	5		•	•		
00:00			•	•		
00:00	6		•	•		
00:00			•	•		
00:00	7		•	•		
00:00			•	•		
00:00	8		•	•		
00:00			•	•		

Planning Notes:



**Fire/EMS
Safety, Health and Survival Week
June 19-25, 2011**

Theme: Surviving the Fire Ground – Fire Fighter, Fire Officer & Command Preparedness

Suggested Schedule for 3.5 Hour Initiatives with Options



Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness						
Functional Area 3.5 Hour Schedule with FGS Modules						
Time	Hour	Functional Area	Key Issues and Considerations	Reference and Links	Dept./Agency Specific Considerations Add Specific Issues HERE	Assignments, Planning or Logistics Notes
00:30	1	Fire Fighter Life Safety Initiatives Procedures, Policies and Guides	<ul style="list-style-type: none"> Discuss and facilitate discussion on organizational Review key SOPs & SOGs related to Fire Ground Operations culture and safety How does Safety Week 2011 fit into your operational environment? 	<ul style="list-style-type: none"> Agency Mission Statement http://www.everyonegoeshome.com/initiatives.html Overview & Explanation Initiative 1: Culture Initiatives 1 - 4 Initiatives 5 - 8 Initiatives 9 - 12 Initiatives 13 - 16 Agency SOPs, SOGs, Policies Agency Expectations Company Expectations or Gaps What defines your level of preparedness? 		
00:30		Building Construction	<ul style="list-style-type: none"> Discuss pertinent issues relate to Building Construction that is present in your area 	<ul style="list-style-type: none"> Construction, Pre-Planning & Risk Assessment Building Construction Hazards (Powerpoint) Facilitator Teaching Outline (MS Word) Construction Hazards Checklist (MS Word) NIOSH LODD Report - 2007-07 (PDF) NIOSH LODD Report - 2007-08 (PDF) NIOSH LODD Report - 2008-06 (PDF) Modular Construction Hazards and Safety http://www.everyonegoeshome.com/media/2010/S6-3/player.html Modular Construction Fires - Lessons Learned Download Now 		

00:30	2	Review FGS Chapter 1; Preventing the Mayday Modules 1-1 thru 1-4	<ul style="list-style-type: none"> • Mayday Prevention • Pre-Planning • Building Construction • UL Structural Stability • LT Wt. Truss Systems • Overhead Hazards 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 1 Preventing the Mayday Modules 1-1 thru 1-4 • Student Manual 			
00:30		Review FGS Chapter 1; Preventing the Mayday Modules 1-5 thru 1-8 Continued	<ul style="list-style-type: none"> • Mayday Prevention • Pre-Planning • Building Construction • UL Structural Stability • LODD Reports • Interior Size up • Reading Smoke • Air Management • Defensive Operations • Situational Awareness • Rapid Heat Release • Fire Suppression OPS • NIST Fire Modeling 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 1 Preventing the Mayday Modules 1-5 thru 1-8 • Student Manual 			
00:30		3	Review FGS Chapter 2; Mayday Ready Modules 2-1 thru 2-3	<ul style="list-style-type: none"> • Preparing for the Mayday • Are You Ready? • Mayday Training • Personal safety Equipment • Tools & Equipment • Mission Critical Resources 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 2 Mayday Ready Modules 2-1 thru 2-3 • Student Manual 		
00:30			Review FGS Chapter 2; Mayday Ready Modules 2-4 thru 2-5 Continued	<ul style="list-style-type: none"> • Three Point Communications • Role of Dispatch • Personal Radio Position • Communications Training • Radio Discipline • Comm Order Model 	<ul style="list-style-type: none"> • IAFF Fire Ground Survival Program • FGS Chapter 2 Mayday Ready Modules 2-4 thru 2-5 • Student Manual 		

			<ul style="list-style-type: none"> • Portable Radios • Why "Mayday?" • Accountability 			
00:30	4	Wrap-up and Closing Discussions	<ul style="list-style-type: none"> • Facilitate discussion on the presentations • Are there any identified gaps or identified areas for improvement? • How will the information presented be implemented during future shifts or operations? • What level of individual and/or company level accountability can be implemented? • How can the organization become safer and effective to minimize and reduce risk to mayday events to improve fire ground survivability? 	<ul style="list-style-type: none"> • Agency Specific and/or developed or; • Utilize resources from the Functional Matrix 		
00:00			<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 		

Production and Planning Notes



Optional Weekend Session

- The incorporation of a hands-on component can provide a transition from classroom to field training for curriculum reinforcement, skill development, and demonstrations.
- Refer to the Training Template for planning.

Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness						
3.5 Hour Schedule with FGS Modules and Optional Weekend Session						
Time	Hour	Week Day Sessions	Assignments, Planning or Logistics Notes	Weekend Session	Hands-on Field Exercises	Assignments, Planning or Logistics Notes
00:30	1	Fire Fighter Life Safety Initiatives Procedures, Policies and Guides		Review FGS Chapter 3; Self-Survival Procedure Modules 3-1 thru 3-3 00:30		
00:30		Building Construction		Review FGS Chapter 3; Self-Survival Procedure Modules 3-4 thru 3-5 Continued 00:30		
00:40	2	Review FGS Chapter 1; Preventing the Mayday Modules 1-1 thru 1-4		Review FGS Chapter 4; Preventing the Mayday Modules 4-1 thru 1-3 00:40		
00:30		Review FGS Chapter 1; Preventing the Mayday Modules 1-5 thru 1-8 Continued			Over View and transition to Field Practical Exercise 00:20	
00:30	3	Review FGS Chapter 2; Mayday Ready Modules 2-1			<ul style="list-style-type: none"> • Practical Field Exercises on 	

		thru 2-3			<ul style="list-style-type: none"> • Mayday Activities 00:30 	
00:30		Review FGS Chapter 2; Mayday Ready Modules 2-4 thru 2-5 Continued			<ul style="list-style-type: none"> • Practical Field Exercises on Mayday Activities 00:30 	
00:30	4	Wrap-up and Closing Discussions			<ul style="list-style-type: none"> • Practical Field Exercises on Mayday Activities 00:30 	
00:00					<ul style="list-style-type: none"> • Practical Field Exercises on Mayday Activities 00:30 	

Production and Planning Notes



Use this template to identify and plan your topics and schedule of activities for Safety Week. Utilize the Functional Areas Chart, focus on the IAFF Fire Ground Survival training and look to your own department's special considerations, gaps and needs.

Safety Week 2011: Surviving the Fire Ground-Fire Fighter, Fire Officer & Command Preparedness						
Functional Area Four Hour Schedule						
Time	Hour	Functional Area	Key Issues and Considerations	Reference and Links	Dept./Agency Specific Considerations Add Specific Issues HERE	Assignments, Planning or Logistics Notes
00:00	1		•	•		
00:00			•	•		
00:00	2		•	•		
00:00			•	•		
00:00	3		•	•		
00:00			•	•		
00:00	4		•	•		
00:00			•	•		

Planning Notes:

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IAFC's Safety, Health and Survival Section

And

IAFF's Division of Occupational Health, Safety and Medicine.

In partnership with more than 20 national fire service organizations

2011 Safety Week

Planning and Resource Guide

Developed and Produced by

Christopher J. Naum, SFPE

ISFSI Liaison, SH&S Board of Directors

IAFC Safety, Health & Survival Section