

# LEARNING FROM THE EXPERIENCE OF OTHERS

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November 10, 2013 - August 3, 2018



# CENTRAL WHIDBEY ISLAND FIRE & RESCUE



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# WHAT IS BLUE CARD?



Blue Card is a training and certification program for Type V & IV Incident Commanders.

Blue Card is fully compatible with NIMS ICS, but provides a simple and effective framework for managing local level incidents.



# TRAINING AND CERTIFICATION



## 50-Hour On-Line Training Program 3-Day Simulation Laboratory

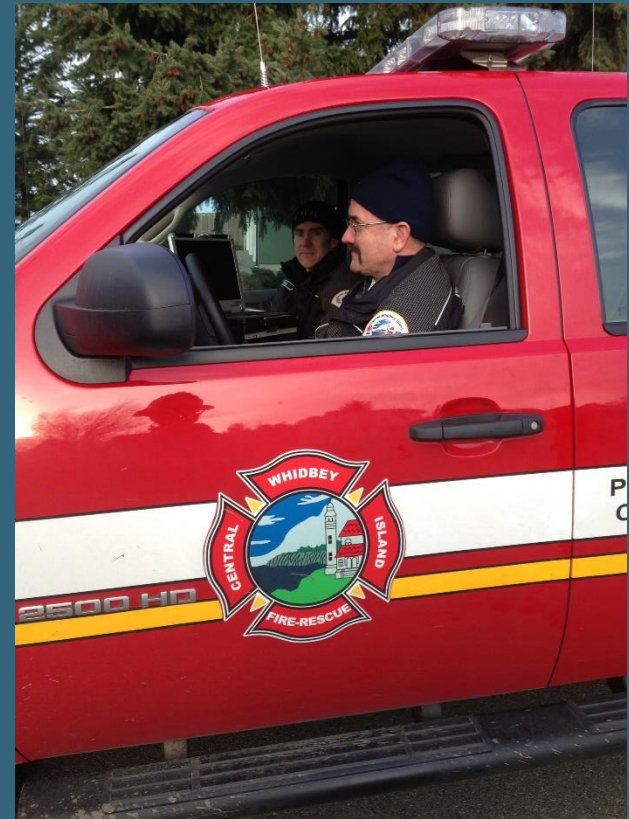


## Quarterly Online & Simulation Training 3-Year Recertification Cycle

# INCIDENT COMMANDER



IC #1



IC #2

# INCREASING COMPETENCE



Garage Fire in Broadalbin 9 18 17

Firefighters often watch video of incidents.  
To what end?

How can incident video be used to increase depth of  
knowledge and competence in decision-making?

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# “10-MINUTE” TRAINING



Provide a consistent framework to develop the decision-making skills of company officers and firefighters who may serve as the initial incident commander.

- Pre-Arrival
- Crew Instructions
- Initial Radio Report
- 360° Reconnaissance & Follow Up Radio Report
- Orders to the Second Arriving Company
- Other Learning Opportunities

# PROVIDING CONTEXT



## In-Station Training TM 18-06 Strip Mall Fire



Authors: Chief Ed Hartin  
Validated by:

Training Code: TBD  
Training Hours: 0.2

### Purpose

The first will be a standard 10-Minute Training addressing the actions of the first two companies. Subsequent 10-Minute Trainings in the series will examine commercial building forcible entry and strategic shift.

### Learning Outcomes

Firefighters and The incident video used in this week's 10-Minute Training will serve as the basis for a series of training sessions. Officers make effective tactical decisions based on current and potential fire behavior and structural stability.

### Conducting the Drill

This incident involved a fire in a small, 1-story commercial at 4031 147th Street, Midlothian, Illinois on November 25, 2017 at 23:30. Review the map and photos (Figures 1-8) to gain an understanding of area and building involved.

Figure 1. Map of the Incident Area



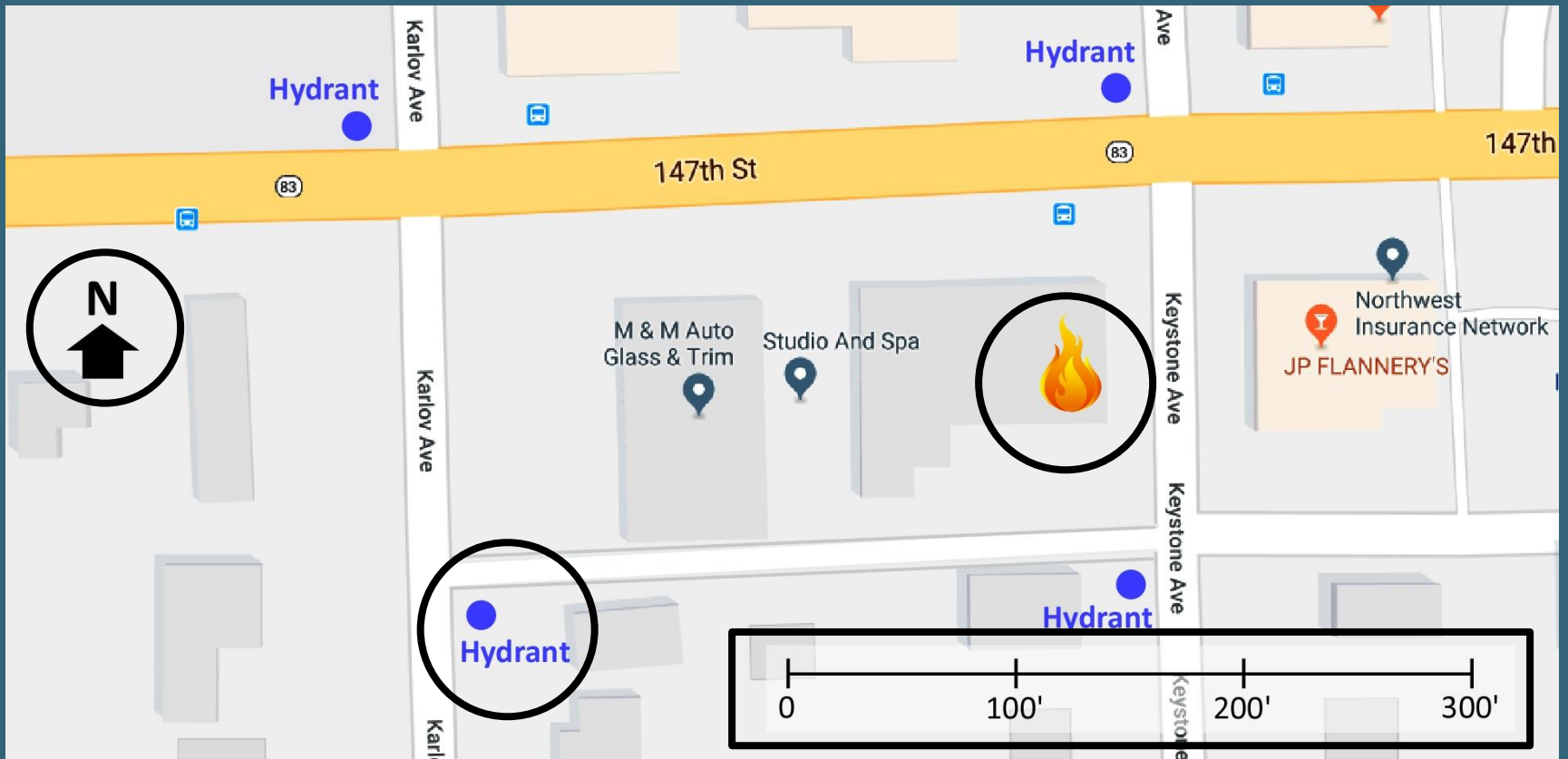
Note: Adapted from [Google map 4031 147th Street, Midlothian, IL] <https://goo.gl/0U5uJM>

As illustrated in Figure 1, there are hydrants on 147<sup>th</sup> Street at Karlov Avenue and Keystone Avenue and on Karlov and Keystone Avenues at the alley running behind the fire building.

Video provides only one view of the incident and frequently does not provide context...

- Map (including water supply)
- Aerial Photographs
- View of the Building (all sides) Prior to the Incident
- Video Capture (arrival)
- Other Incident Photos
- Post Incident Photos

# MAP



# AERIAL PHOTO



# STREET VIEW (ALPHA)



# STREET VIEW (ALPHA/BRAVO)



# STREET VIEW (CHARLIE)



Unnamed  
Alley

# 3D AERIAL VIEW (CHARLIE)

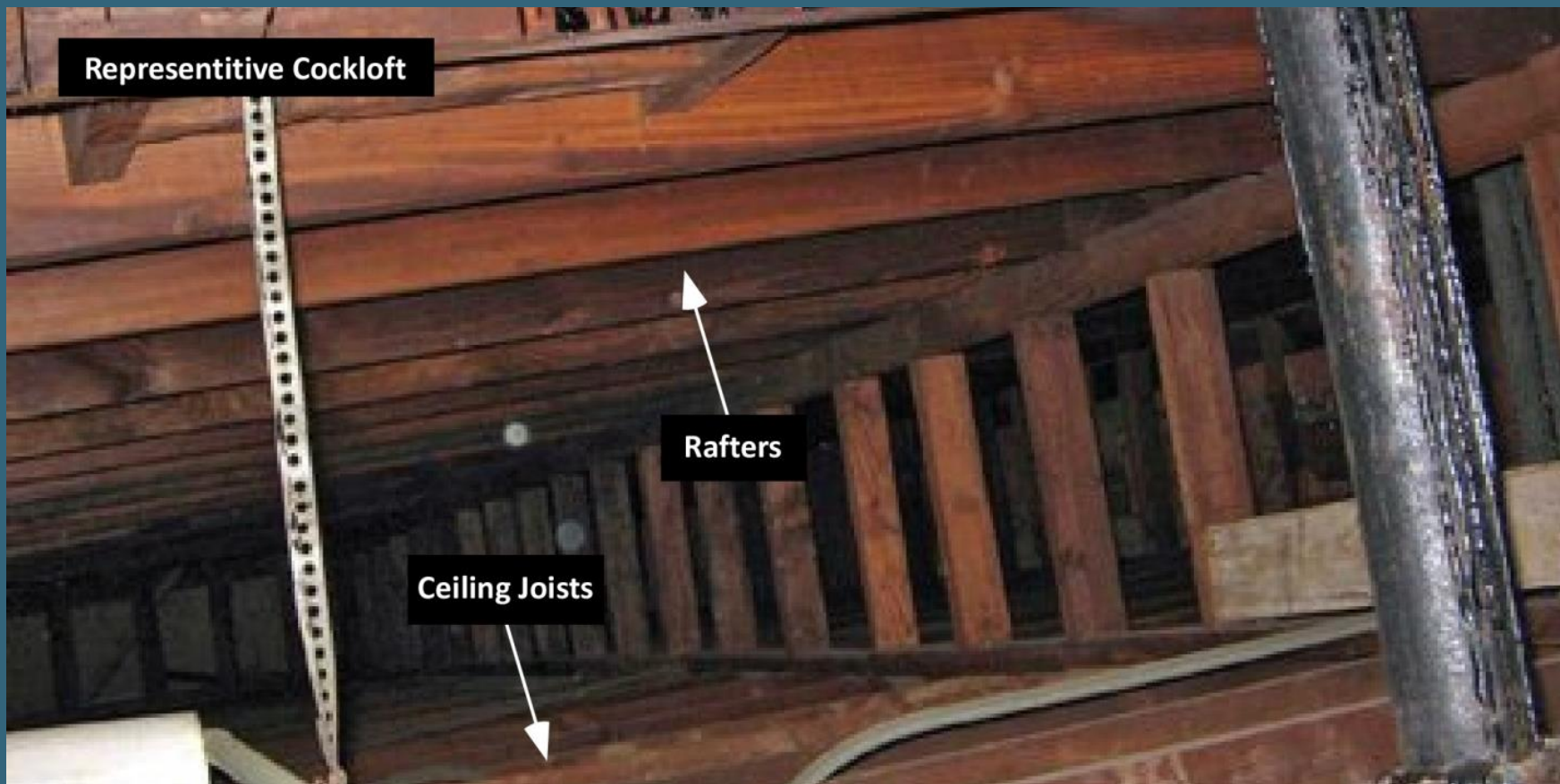




# STREET VIEW (DELTA)



# IMPORTANT DETAILS



# SETTING THE CONTEXT



You are responding to this incident as the company officer or AIC of the first arriving engine and have a crew of three. Your dispatch information indicates a residential fire at 4031 147th Street at the Midlothian Midwest Meat Market. You are responding from the east on 147<sup>th</sup> Street. A second engine with a staffing level of two will arrive within four minutes after you. A command officer will arrive approximately two minutes later.

# THE INITIAL QUESTIONS



What critical factors would you consider when dispatched and during response? What conversation would you have with your crew while responding?

What assignments would you give your crew before arrival?

# ARRIVAL CONDITIONS



Simulation Photo



If pre-arrival or arrival video is not available simulation is used

# ARRIVAL QUESTIONS



State your initial radio report.

What specific actions would you take (as the company officer) immediately upon arrival and exiting the apparatus?

# UPDATE, TASK, & TACTICAL ORDERS



State your update report

Would you modify the assignments given to your crew? If so, state the task orders.

What tactical assignment would you give the next company? Provide the TLO Order.

# ADDITIONAL LEARNING



Watch the first 2:35 of the [video](#) of firefighting operations at this incident. What potential challenges would you anticipate in gaining access and establishing fire control in this incident?

After getting a line into the main fire occupancy, what would be the second most critical attack position that needs to be covered (don't forget the common cockloft)?



# ADDITIONAL LEARNING



At 3:28 in the video an attack line is deployed on Side Bravo and begins an eave attack directly above the doorway where flames are visible from the overhand. Do you anticipate that this tactic will be effective? Why or why not?

# ADDITIONAL LEARNING



How do the B-SAHF fire behavior indicators change from the start of the video until 4:00? What does this indicate regarding fire the location, extent, stage(s) and burning regime (fuel or ventilation limited) and the effect of tactical operations to this point?

# DEVELOPING 10-MINUTE TRAINING



YouTube Video

Google Maps

Google Aerial Photos (2D & 3D)

Google Street View

City/County Tax Assessors Data Bases

City/County GIS

On-Line News

Facebook

Incident Reports (usually completed later)

# WORKING IN REAL TIME



House fire in craig



Video

Map & Aerial

▶ ⏪ 🔊 1:19 / 7:47

