



In-Station Training

TM 24-30 Outside Fire with Extension



Author

Chief Ed Hartin

Purpose

Fires that start on the outside of a building have the potential to quickly extend into the attic or trussloft. It is essential to consider how the fire can extend to the interior and potential paths of fire spread within the building.

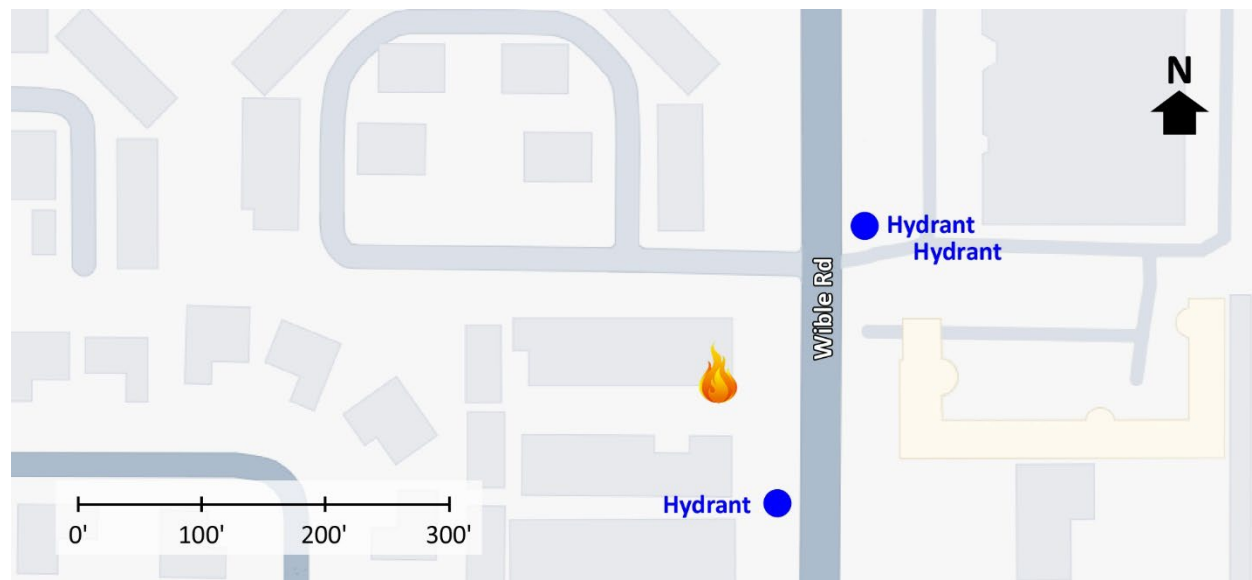
Learning Outcomes

Firefighters and officers perform an effective size-up, select an appropriate strategy, and implement tactics based on the strategic decision-making model.

Conducting the Drill

This incident involved an apartment fire at 3701 Wible Road, Bakersfield, California on June 12, 2024, at 01:40 (Key News Network, 2024). Review the map and photos (Figures 1-6) to gain an understanding of the area and building involved.

Figure 1. Map of the Incident Area



Note: Adapted from Google. (2024a). [Map, 3701 Wible Road, Bakersfield, CA]. <https://bit.ly/45KpszX>.

Figure 2. Aerial View



Note: Adapted from Google. (2024b). [Aerial view 3701 Wible Road, Bakersfield, CA].
<https://bit.ly/4brNnW2>.

Hydrants are located to the north and south of the incident location on Wible Road as illustrated in Figures 1 and 2.

Figure 3. Alpha/Bravo Corner



Note: Adapted from Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA].
<https://bit.ly/3VJeF4r>.

Figure 4. Side Alpha



Note: Adapted from Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA].
<https://bit.ly/3xtXDIX>.

Figure 5. Alpha/Delta Corner



Note: Adapted from Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA]
<https://bit.ly/4cEXat5>.

Figure 6. 3D Aerial View Bravo/Charlie Corner



Note: Adapted from Google. (2024c). [3d aerial view 3701 Wible Road, Bakersfield, CA].
<https://bit.ly/4blfc2h>.

The temperature is currently 84° F with wind from the east at 3 mph (Weather Underground, 2024). You have been dispatched to 3701 Wible Road for an apartment fire. You are the company officer or AIC of the first arriving engine and have your company's typical staffing.

1. What critical factors would you consider when dispatched and during response and what conversations would you have with your crew while responding?

You hear a command officer, three other engines, and an advanced life support ambulance with typical staffing for your agency go enroute. You will arrive from the south on Wible Road. The second engine will arrive from the same direction three minutes after you. The command officer will arrive shortly after the second engine. All other units dispatched on the first alarm will arrive after the command officer.

Dispatch provides an update reporting that there are still people inside the building.

Watch the first 20 seconds of the [incident video](#) (Key News Network, 2024a) and examine Figure 6 illustrating conditions on arrival.

Figure 7. Conditions on Arrival



Note: Adapted from Key News Network. (2024). *Flames engulf structure in Bakersfield* [video]. <https://bit.ly/3RNZbeg>.

2. State your initial radio report (IRR) exactly as you would transmit it to dispatch.

3. What specific actions would you take (as the company officer) immediately upon arrival and exiting the apparatus and what task orders you would give your crew?

Watch the [incident video](#) (Key News Network, 2024a) from 0:36 to 01:22 and examine Figure 8. You do not see any smoke from the Charlie Exposures.

Figure 8. Conditions on the Bravo/Charlie Corner



Note: Adapted from Key News Network. (2024). *Flames engulf structure in Bakersfield* [video]. <https://bit.ly/3RNZbeg>.

4. Would you change the action you are taking or modify the assignments given to your crew? If so, what task orders would you provide?

5. State your update report exactly as you would transmit it to dispatch.

Watch the [incident video](#) (Key News Network, 2024a) from 1:30 to 02:30.

6. Engine 2 arrives and reports that they are Level 1 on a hydrant south of the complex on Wible Road. State the tactical assignment you would give them exactly as you would transmit it.

7. Based on the anticipated effectiveness of your tactical operations, state your conditions, actions, and needs (CAN) report that you would provide to the first arriving command officer as part of command transfer to IC #2.

Reflect on your strategic decision-making and responses to questions 1 through 7 before answering the next six questions.

8. What was the problem?

9. What was getting in the way of achieving your tactical priorities?

10. Was there anything in this incident that could have hurt or killed you (right now)?

11. Was it reasonable to believe that the Main Fire Occupancy was occupied?

12. Was there searchable space?

13. If you believed it was reasonable that the building was occupied and there was searchable space, what could you do about it?

Watch the [incident video](#) (Key News Network, 2024a) from 2:30 to 3:30 before answering the next several questions.

14. Based on the building, smoke, air track, heat, and flame (B-SAHF) fire behavior indicators, do you think that the fire has extended to the attic or interior of the building? Why or why not?

15. The company tasked with checking for extension in this incident did not take a hoseline to the interior. If you assigned the second company to check for extension on the interior, did you have them take a hoseline? Why or why not?

16. What actions did you take to address the potential civilian life hazard in the building? Based on fire conditions did you believe that the occupants of the Charlie Exposures were at risk? What observations or changes in conditions would change your perspective?

Additional Learning: Review the *Fire Service Summary Report: Study of Residential Attic Fire Mitigation Tactics and Exterior Fire Spread Hazards on Firefighter Safety* (UL FSRI, 2015) and if you have not previously completed the [Residential Attic and Exterior Fires](#) (UL FSRI, 2024) on-line course, take the time to do so (estimated time to complete the course is 42 minutes).

Get out in your response area and identify locations where you could encounter a similar incident with extension from an exterior fire (dumpster, vehicle, shed) and discuss how fire could extend to the attic, trussloft, or interior of the building with the members of your crew. Get down to the task level detail of apparatus positioning, attack line deployment and positioning, water application, and sequence of operations. Also consider the next steps if the fire has in fact extended into the truss loft or attic.

References

- Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA] Retrieved June 30, 2024, from <https://bit.ly/4cEXat5>.
- Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA]. Retrieved June 30, 2024, from <https://bit.ly/3VJeF4r>.
- Google. (2022). [Street view 3701 Wible Road, Bakersfield, CA]. Retrieved June 30, 2024, from <https://bit.ly/3xtXDIX>.
- Google. (2024a). [Map, 3701 Wible Road, Bakersfield, CA]. Retrieved June 30, 2024, from <https://bit.ly/45KpszX>.
- Google. (2024b). [Aerial view 3701 Wible Road, Bakersfield, CA]. Retrieved June 30, 2024, from <https://bit.ly/4brNnW2>.
- Google. (2024c). [3d aerial view 3701 Wible Road, Bakersfield, CA]. Retrieved June 30, 2024, from <https://bit.ly/4blfc2h>.
- Key News Network. (2024). *Flames engulf structure in Bakersfield* [video]. Retrieved June 30, 2024, from <https://bit.ly/3RNZbeg>.
- Underwriters Laboratories Fire Safety Research Institute (UL FSRI). (2015). *Fire service summary report: study of residential attic fire mitigation tactics and exterior fire spread hazards on firefighter safety*. Retrieved June 30, 2024, from <https://bit.ly/4eVsg1A>.

Underwriters Laboratories Fire Safety Research Institute (UL FSRI). (2024). *Residential attic and exterior fires* [on-line course]. Retrieved June 30, 2024, from <https://bit.ly/4czJ4cA>.

Weather Underground (2024). *Bakersfield, CA weather history* [historical weather June 12, 2024]. Retrieved June 30, 2024, from <https://bit.ly/3XQvg9r>.