



Standard Operating Guideline

High Rise Operations



STANDARD OPERATING GUIDELINES FOR FIRE OPERATIONS IN A HIGH RISE BUILDING

The following provides an outline of basic roles for Engine Company members, Truck Company members, Medics, Battalion Chiefs, and Staff Officers during fire operations in a High-Rise building. Additionally, this policy should provide for a safer operation with more accountability in a Commercial occupancy.

- General Policy
- Response Policy
- Operational Policy
- First Arriving Engine on First-Alarm
- Second Arriving Engine on First-Alarm
- Third Arriving Engine on First-Alarm
- Fourth Arriving Engine on First-Alarm
- Fifth Arriving Engine on First-Alarm
- First Arriving Truck on First-Alarm
- Second Arriving Truck on First-Alarm
- Third Arriving Truck on First-Alarm
- First Arriving Medic on First-Alarm
- Second Arriving Medic on First-Alarm
- First Arriving Battalion Chief on First-Alarm
- Second Arriving Battalion Chief on First-Alarm
- Third Arriving Battalion Chief on First-Alarm
- EMS Officer Arriving on First-Alarm
- Second-Alarm Assignment
- Third-Alarm Assignment
- Template for Battalion Chief Assignments
- Elevator Policy for High-Rise Operations
- Tool Assignment for Engine Company Members
- Tool Assignment for Truck Company Members



Standard Operating Guideline

High Rise Operations



GENERAL POLICY – HIGH RISE OPERATIONS

Standard Operating Guidelines for emergency incident operations in High-Rise buildings. This document is intended to establish **basic** guidelines and procedures. They are designed to be applied generally. They may be modified as situations dictate.

I. GENERAL POLICY:

- A. A High-Rise is defined as any building 7 floors and above.
- B. A Low-Rise is defined as any building 4 to 6 floors.
- C. Any building 1 to 3 floors is defined as a Commercial.
- D. Alarm bells and/or internal alarms for all High-Rise fire-related incidents will receive a partial first-alarm assignment.
- E. If smoke and/or flame are showing on arrival, request a **balance** to a first-alarm High-Rise assignment, and request a second-alarm assignment if appropriate.
- F. If a full first-alarm assignment is responding, and smoke and/or fire are showing on arrival, request a second-alarm assignment if appropriate.
- G. "Command" will be established by the first arriving Engine, or the first arriving Battalion Chief, whichever occurs first.
- H. Establish a single point of entry and exit and maintain an accurate accountability of all companies entering the building.
- I. **The use of the elevators for fire operations will be authorized for reported fires from the 7th floor and above.**
- J. Establish a stairwell for fire attack, and a stairwell for evacuation.
- K. The first-alarm companies will address standpipe and sprinkler systems.
- L. The first-alarm companies will address positive pressure ventilation of the fire attack stairwell.
- M. "**Staging**" and a Level II RIC will be established with the second-alarm assignment.
- N. "**Base**" will be established with the third-alarm assignment.
- O. Upon arrival, all actions by companies must be communicated by radio.
- P. Crew integrity is to be maintained at all times, Truck Companies do not "split" once interior on a High-Rise assignment.
- Q. When a company has completed an assigned task, the Company Officer shall contact his supervisor to request a new assignment. If a critical task comes up that requires immediate action, the Company Officer should deal with the new task, and contact his supervisor as soon as possible to report on the Conditions, Actions, and Needs (CAN) for the new task. **Under no circumstances is the company to initiate a new task without contacting their supervisor.**



Standard Operating Guideline

High Rise Operations



- R. Numerical Divisions should be established as needed with the designation based on the floor you are operating. Responsibilities shall include:
 - 1. **Numerical Divisions**- All interior operations, including fire attack, forcible entry, search and rescue, evacuation, salvage and overhaul.
- S. Group Supervisors should be established as needed. Responsibilities may include:
 - 1. Rescue Group
 - 2. Evacuation Group
 - 3. RIC Group
 - 4. Medical Group
- T. Chapter 19 of the Field Operations Guide (FOG Manual) will be the template for Command and Control issues related to High-Rise operations.



Standard Operating Guideline

High Rise Operations



RESPONSE POLICY – HIGH-RISE OPERATIONS

Due to the labor intensive and time sensitive nature of High-Rise operations, the following goals were used in developing the resources needed to accomplish the initial command and control objectives.

- A. Safety
- B. Accountability
- C. Deploy at least one effective hoseline for fire attack on the fire floor with appropriate back-up.
- D. Establish initial Fire Attack stairwell search and evacuation
- E. Establish a minimum number of companies to accomplish initial operations and command structure.
- F. Support fire operations for a prolonged event.

Taking the above elements into consideration, the following assignment resources will be dispatched:

- A. Partial first-alarm assignment for all High-Rise fire-related incidents are as follows:
 - 1. 3 Engines
 - 2. 1 Truck
 - 3. 1 Battalion Chief
- B. Full first-alarm assignment for all High-Rise fire-related incidents are as follows:
 - 1. 5 Engines
 - 2. 3 Trucks
 - 3. 2 Medics
 - 4. 3 Battalion Chiefs
 - 5. EMS Officer
- C. Additional-alarm assignments for all High-Rise fire-related incidents are as follows:
 - 1. All additional alarms are to duplicate the first alarm, with the exception of EMS Officer
 - 2. 1 Air Unit will be added to the second and third alarms.



Standard Operating Guideline

High Rise Operations



OPERATIONAL POLICY – HIGH-RISE OPERATIONS

Due to the nature of High-Rise fires, there is a need to modify the Departments' standard Operational Modes for fireground operations (Section III, Subject 1.08) for High-Rise incidents.

- A. The first arriving Engine will establish Lobby Control which will include a single point of entry, "OTIS 1", and "OTIS 2". Additionally, the first arriving Engine will take "Command" if arrived before a Battalion Chief.
- B. **The elevators will be used for fires reported on or above the 7th floor. For reported fires from the 6th floor and below, the appropriate stairwell will be used.**
- C. The second and third arriving Engines along with the first arriving Truck will implement Investigation/Fire Attack Mode.

NOTE: Level I Staging will not be used for High-Rise buildings.

The fourth and fifth arriving Engines and the second arriving Truck will assist with operations on the fire floor which could include fire attack or Two Out.

NOTE: The fourth arriving Engine will assume the fire floor Division until relieved by second arriving Battalion Chief.

- D. The third arriving Truck will be assigned as Rapid Ascent Team 1 (RAT 1).
- E. The first arriving Battalion Chief will assume "Command".
- F. The second arriving Battalion Chief will relieve the fourth Engine Captain as the fire floor Division. The Captain will return to their crew.
- G. The third arriving Battalion Chief will report to the Command Post and establish the Evacuation Group. RAT 1 and RAT 2 will report to Evacuation Group.
- H. EMS Officer will report to the Command Post and establish the Medical Group.
- I. The first arriving Medic will be assigned Triage Unit in the Lobby.
- J. The second arriving Medic will be assigned Transport Unit in the Lobby.
- K. Even in the Investigation Mode, all of the above assignments shall be initiated.
- L. If the investigation finds smoke or fire, then the High-Rise SOGs should be implemented in full.
- M. The second-alarm assignment will establish "Staging" a minimum of two floors below the fire.
- N. The second-alarm assignment will establish a Level II RIC.
- O. The third-alarm assignment will establish "Base" outside the "fall zone" in the street at a safe distance from the fire building, but appropriate for moving companies and equipment into the building when needed. A separate TAC Channel other than "Staging" will be assigned as the "Base" channel. All additional alarms will respond on the "Base" channel.



Standard Operating Guideline

High Rise Operations



FIRST ARRIVING ENGINE – FIRST-ALARM

I. First arriving Engine on first-alarm

- A. The Captain will establish Lobby Control while addressing the following
 1. Establish single point of entry, and voice the location on the radio.
 2. The Captain should take “Command”, along with Lobby Control until the first arriving Battalion Chief is on-scene.
 3. During the early stages of the incident, Lobby Control monitors Systems Control until the building Engineer and/or the Systems Control Unit has been established.
 4. Confirm and label the stairwell to be used for “Fire Attack” operations.
 5. Identify and label the stairwell to be used for “Evacuation”.
 6. The Captain is responsible to assign building access keys.
 7. Establish “OTIS 1” and “OTIS 2”.
- B. The Engineer should establish the initial standpipe system connection.
 1. After dropping off the crew at the single point of entry, the Engineer should proceed to the standpipe connection.
- C. The Back-up Firefighter will establish the “OTIS 1” position and follow the Elevator Policy.
 1. Equipment should include:
 - a) Full PPE with SCBA and radio
 - b) Phone
 - c) Spare SCBA Bottle
 - d) Halligan
 - e) Elevator keys

NOTE: If the fire is reported from the 6th floor and below, the Back-up Firefighter will secure and maintain the entry point for the Fire Attack stairwell.

- D. The Nozzle Firefighter’s **first priority** is to secure the doorway at the single point of entry to the building. The door shall be blocked in the open position so that it will not shut on arriving crews. Once this is accomplished, the Nozzle Firefighter will establish the “OTIS 2” position and follow the Elevator Policy.
 1. Equipment should include:
 - a) Full PPE with SCBA and radio
 - b) Phone
 - c) Spare SCBA Bottle
 - d) Halligan



Standard Operating Guideline

High Rise Operations



e) Elevator keys

NOTE: If the fire is reported from the 6th floor and below, the Nozzle Firefighter will assist their Captain as needed in Lobby.

NOTE: If the first arriving Engine is running with 3 personnel, the "OTIS 2" position will be filled by the Engineer from the first arriving Truck after they have spotted a corner of the building.



Standard Operating Guideline

High Rise Operations



SECOND ARRIVING ENGINE – FIRST-ALARM

- I. **Second arriving Engine on first-alarm**
 - A. The Captain should establish Investigation/Fire Attack Mode.
 1. This should be accomplished with the third Engine and first Truck.
 2. For fires on or above the 7th floor, use “OTIS 1” or “OTIS 2”, a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
 3. The Captain is responsible to establish and announce “Fire Attack” stairwell.
 4. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) Keys
 - b) Halligan
 - c) 1 Length of 2 ½” Hose
 - B. The Engineer should lay a supply line for the first Engine.
 1. After dropping off the crew at the point of entry, the Engineer should proceed to lay a supply line for the first Engine to a hydrant.
 - C. The Back-up Firefighter should assist the Captain.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) High-Rise Bag
 - b) Pig Tail
 - D. The Nozzle Firefighter should assist the Captain.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) 2 Lengths of 2 ½” Hose with Nozzle



Standard Operating Guideline

High Rise Operations



THIRD ARRIVING ENGINE ON FIRST-ALARM

I. Third arriving Engine on first-alarm

- A. The Captain will assist the second arriving Engine and first arriving Truck with Investigation/Fire Attack Mode.
 1. For fires on or above the 7th floor, use "OTIS 1" or "OTIS 2", a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
 2. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) Halligan
 - b) 1 Length of 2 ½" Hose
- B. The Engineer shall establish the initial sprinkler system and/or support a combination system with additional connections.
 1. After dropping off the crew at the point of entry, the Engineer should proceed to the sprinkler connection and/or combination system, and follow the Standpipe System Policy found in Section III, Subject 1.02.
- C. The Back-up Firefighter shall assist the Captain.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) High-Rise Bag
 - b) Pig Tail
- D. The Nozzle Firefighter shall assist the Captain.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) 2 Lengths of 2 ½" Hose with Nozzle

NOTE: ALL EQUIPMENT FROM THIS COMPANY SHOULD BE PLACED OUTSIDE THE STAIRWELL ON THE FLOOR BELOW THE FIRE WHERE "OTIS" TRANSPORTED FIRST-ALARM COMPANIES. THEN, COMPANY SHOULD PROCEED TO ASSIST THE FIRST ENGINE WITH STRETCHING THE FIRST LINE.



Standard Operating Guideline

High Rise Operations



FOURTH ARRIVING ENGINE ON FIRST-ALARM

I. Fourth arriving Engine on first-alarm

- A. The Captain will assist the fifth arriving Engine and second arriving Truck with operations on the fire floor that could include fire attack or Two Out, and establish the Division Supervisor position on the fire floor.
 1. For fires on or above the 7th floor, use "OTIS 1" or "OTIS 2", a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
 2. Once arriving on the fire floor, the Captain will establish a Numerical Division based on the fire floor as the Division designator.
 3. Once relieved of the Division Supervisor position by the second arriving Battalion Chief, they will return to their crew.
 4. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) Keys
 - b) Halligan
 - c) 1 Length of 2 ½" Hose
- B. The Engineer should lay a supply line for the third Engine.
 1. After dropping off the crew at the point of entry, the Engineer should proceed to lay a supply line for the third Engine to a hydrant.
 2. Consideration should be made to use a **hydrant** that is on a **different grid** than the second arriving Engine who is supplying the first arriving Engine.
- C. The Back-up Firefighter should assist the Captain as directed, and may report to another Captain on the fire floor for a short time.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) High-Rise Bag
 - b) Pig Tail
- D. The Nozzle Firefighter should assist the Captain as directed, and may report to another Captain on the fire floor for a short time.
 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) 2 Lengths of 2 ½" Hose with Nozzle



**Standard Operating
Guideline**

High Rise Operations



NOTE: ALL EQUIPMENT FROM THIS COMPANY SHOULD BE PLACED OUTSIDE THE STAIRWELL ON THE FLOOR BELOW THE FIRE WHERE "OTIS" TRANSPORTED FIRST-ALARM COMPANIES. THEN, COMPANY SHOULD PROCEED TO ASSIST FIRE ATTACK BY REPLACING THE FIRE ATTACK TEAM, STRETCHING ANOTHER LINE FOR FIRE ATTACK, OR DEPLOYING A TWO OUT LINE.



Standard Operating Guideline

High Rise Operations



FIFTH ARRIVING ENGINE ON FIRST-ALARM

I. Fifth arriving Engine on first-alarm

- A. The Captain will assist the fourth arriving Engine and second arriving Truck with operations on the fire floor that could include fire attack or Two Out.
 - 1. For fires on or above the 7th floor, use “Otis 1” or “Otis 2”, a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
 - 2. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) Halligan
 - b) 2 Spare Bottles
- B. The Engineer will park the Engine at the single point of entry, if appropriate.
 - 1. The Engineer will leave the Engine at the single point of entry to mark the entry point, and maintain the doorway that has been secured open by the Nozzle Firefighter from the first arriving Engine until relieved.
 - 2. Will use whiteboard to track companies entering and exiting the building.
 - 3. All second-alarm companies will enter at the single point of entry, and take their Passports to “Staging”.
- C. The Nozzle Firefighter should assist their Captain.
 - 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) 2 Spare Bottles
- D. The Back-up Firefighter should assist their Captain.
 - 1. Additional equipment (Tool Assignment for Engine Company Members) should include:
 - a) 2 Spare Bottles

NOTE: ALL EQUIPMENT FROM THIS COMPANY SHOULD BE PLACED OUTSIDE THE STAIRWELL ON THE FLOOR BELOW THE FIRE WHERE “OTIS” TRANSPORTED FIRST-ALARM COMPANIES. THEN, COMPANY SHOULD PROCEED TO ASSIST THE FOURTH ARRIVING ENGINE AND SECOND ARRIVING TRUCK WITH FIRE ATTACK BY REPLACING THE FIRE ATTACK TEAM, STRETCHING ANOTHER LINE FOR FIRE ATTACK, OR DEPLOYING A TWO OUT LINE.



Standard Operating Guideline

High Rise Operations



FIRST ARRIVING TRUCK ON FIRST-ALARM

I. First arriving Truck on first-alarm

- A. The Captain will assist the second and third arriving Engine with Investigation/Fire Attack Mode.
 1. For fires on or above the 7th floor, use “OTIS 1” or “OTIS 2”, a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
 2. The Captain needs to determine the safe location to place “Staging” below the fire, and notify “Command” of that location. “Staging” should be located a minimum of two floors below the fire floor, but could be located more than two floor due to fire conditions.
 3. Consideration should be made whether to spot a corner of the building, or take the Engineer with the entire crew.
- B. The Engineer will follow the direction given by the Captain.
 1. If directed to spot a corner of the building, the Engineer will drop the crew at the single point of entry; then, the Engineer should stage their apparatus at the most appropriate corner of the building, and prepare for aerial operations.
 2. The corners include the A/B corner, the B/C corner, the C/D corner, and the A/D corner.
 3. Their position needs to be announced on the radio.
 4. Ensure a gas blower is delivered to the lobby.
 5. The Engineer will stay with their apparatus, and can assist with exterior operations. At no time are they to enter the building without their company.

NOTE: If the first arriving Engine is running with 3 personnel, the “OTIS 2” position will be filled by the Engineer from the first arriving Truck. In this case, the Truck will spot a corner of the building, then proceed to the Lobby and fill the “OTIS 2” position.

6. If the Engineer fills the “OTIS 2” position, they will follow the Elevator Policy.
7. Equipment should include:
 - a) Full PPE with SCBA and radio
 - b) Spare SCBA Bottle
 - c) Halligan
 - d) Elevator Keys
- C. The Tools Firefighter should assist the Captain.



Standard Operating Guideline

High Rise Operations



1. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Search Rope
- D. The Saw Firefighter should assist the Captain.
 1. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Circular Saw with combination blade



Standard Operating Guideline

High Rise Operations



SECOND ARRIVING TRUCK ON FIRST-ALARM

I. Second arriving Truck on first-alarm

A. Upon designation of the fire attack stairwell, initiate PPV with a minimum of two gas blowers.

B. The Captain will assist the fourth and fifth arriving Engine with operations on the fire floor that could include fire attack or Two Out.

1. For fires on or above the 7th floor, use "OTIS 1" or "OTIS 2", a minimum of two companies should be transported a minimum of two floors below the reported fire floor.
2. Consideration should be made whether to spot a corner of the building, or take the Engineer with the entire crew.
3. Additional equipment (Tool Assignment for Truck Company Members) should include:

b) 1 Spare Bottle

C. The Engineer will follow the direction given by the Captain.

1. If directed to spot a corner of the building, the Engineer will drop the crew at the single point of entry; then, the Engineer should stage their apparatus at the most appropriate corner of the building, and prepare for aerial operations.
2. The corners include the A/B corner, the B/C corner, the C/D corner, and the A/D corner.
3. Their position needs to be announced on the radio.
4. Ensure a second gas blower is delivered to the lobby.
5. The Engineer will stay with their apparatus, and can assist with exterior operations. At no time are they to enter the building without their company.

D. The Tools Firefighter should assist the Captain.

1. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Search Rope
 - b) 1 Spare Bottle

E. The Saw Firefighter should assist the Captain.

1. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Circular Saw with combination blade
 - b) 1 Spare Bottle



Standard Operating Guideline

High Rise Operations



THIRD ARRIVING TRUCK ON FIRST-ALARM

I. Third arriving Truck on first-alarm

- A. The Captain will establish the first Rapid Ascent Team (RAT 1).
 1. Park apparatus away from the building, and enter the single point of entry.
 2. For fires on or above the 7th floor, establish "Otis 3" with the Engineer, use for RAT 1 and RAT 2 (first Truck on second-alarm) until RAT operations are completed.
 3. Once RAT operations are completed, "Otis 3" will report to Lobby Control.
 4. For fires on or below the 6th floor, the Engineer will assist RAT 1.
 5. RAT 1 and RAT 2 will report to Evacuation Group which will be established by the third arriving Battalion Chief.
 6. **Using "OTIS 3", RAT 1 should be transported a minimum of three floors below the reported fire floor. RAT 1 should use the fire attack stairwell to access the top of the stairwell. RAT 1 should consider leaving their cache of extra equipment in the fire attack stairwell on the floor above the staging floor.**
 7. **Initiate PPV two or three floors below the fire.**
 8. Initiate a search of the fire attack stairwell. Request resources as needed to complete this task.
 9. Escort building occupants out of the fire attack stairwell and relocate them to a safe location, and notify Evacuation Group of their location.
 10. Once an initial search is completed consideration should be made as whether to ventilate the stairwell at the top.
 11. Maintain control of the fire attack stairwell until relieved by Evacuation Group Supervisor.
 12. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - c) Forcible Entry Tools
 - d) 1 Spare Bottle
- B. The Engineer will establish "Otis 3", and support RAT 1 and RAT 2 operations.
 - a) Once RAT operations are completed, "Otis 3" will be maintained by the Engineer and report to Lobby Control.
 - b) Equipment should include:
 - 1) Full PPE with SCBA and radio
 - 2) Phone



Standard Operating Guideline

High Rise Operations



- 3) Spare SCBA Bottle
 - 4) Halligan
- C. The Tool Firefighter should assist their Captain with RAT operations
1. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Large Area Search Rope
 - b) 1 Spare Bottle
- D. The Saw Firefighter should assist their Captain with RAT operations.
2. Additional equipment (Tool Assignment for Truck Company Members) should include:
 - a) Circular Saw
 - b) 1 Spare Bottle



Standard Operating Guideline

High Rise Operations



FIRST ARRIVING MEDIC ON FIRST-ALARM

I. First arriving Medic on first-alarm

- A. The Medic shall report to the Lobby with their medical equipment, and gurney, and establish the Triage Unit unless an MCI should be declared.
 1. If an MCI needs to be declared, the Sacramento County Office of Emergency Medical Services Disaster Medical Services Plan should be implemented as needed.
- B. The Medic Unit itself should be parked away from the building in a position so as not to block other companies.
- C. If transportation is needed, an additional medic should be requested through the Medical Group, and patient care should be transferred based on protocols.
- D. The first on-scene Medic should remain in the Lobby to continue medical support of the incident.



Standard Operating Guideline

High Rise Operations



SECOND ARRIVING MEDIC ON FIRST-ALARM

- I. **Second arriving Medic on first-alarm**
 - A. The second arriving Medic shall report to the Lobby with their medical equipment, and gurney to establish the Transport Unit unless an MCI should be declared.
 1. If an MCI needs to be declared, the Sacramento County Office of Emergency Medical Services Disaster Medical Services Plan should be implemented as needed.
 - B. The Medic Unit itself should be parked away from the building in a position so as not to block other companies.
 - C. If transportation is needed, an additional medic should be requested through the Medical Group, and patient care should be transferred based on protocols.
 - D. The second arriving Medic should remain in the lobby to continue medical support of the incident.



Standard Operating Guideline

High Rise Operations



FIRST ARRIVING BATTALION CHIEF ON FIRST-ALARM

I. First arriving Battalion Chief on first-alarm

- A. The first arriving Battalion Chief will take "Command" by transferring "Command" from the first on-scene Engine Captain if they have taken "Command".
 1. The "Command" vehicle location should be set-up a minimum one block away from the fire building, and in a location where a Command Area can be established.
 2. Obtain a status report on conditions and/or operations.
 3. Confirmation of the first-alarm company assignments per the High-Rise SOGs should be obtained.
 4. Assess the situation.
 5. Call a second-alarm if appropriate, and identify a location away from the building where the entire second-alarm assignment can park their apparatus. Consideration should be made to accommodate a full "Base" operation due to the potential of more alarms.
 6. Implement the COMM Plan if appropriate.
 7. Prepare for a third-alarm, and the establishment of "Base".
 8. Set-up the proper Command structure using Chapter 19 of the Field Operations Guide (FOG Manual) as a template.



Standard Operating Guideline

High Rise Operations



SECOND ARRIVING BATTALION CHIEF ON FIRST-ALARM

I. Second arriving Battalion Chief on first-alarm

- A. The Battalion Chief (BC) will report to the Command Post location, and be assigned the Division Supervisor position established by the fourth arriving Engine Captain on the fire floor.
 1. The BC will report to the Command Post ready to enter IDLH with full PPE, two radios, and whiteboard.
 2. The BC will be assigned the Command TAC, and operate on the original TAC channel assigned for the Division, and will be given a list of the companies working on the fire floor assigned to them.
 3. The BC will proceed to the single point of entry; get a **phone** from Lobby and proceed to the fire floor using "OTIS" if the fire is on or above the 7th floor. Once they have arrived at the Fire Attack Division, they will announce, via the radio, that they are assuming the Division Supervisor position using the designation already established by the fourth arriving Captain.



**Standard Operating
Guideline**

High Rise Operations



THIRD ARRIVING BATTALION CHIEF ON FIRST-ALARM

I. Third arriving Battalion Chief on first-alarm

- A. The third arriving Battalion Chief shall report to the Command Post location and establish the Evacuation Group Supervisor position in the Command Area.
 - 1. The BC will be assigned the Command TAC and a TAC channel for the Division, and given a list of the companies working in their Group.
 - 2. RAT1 and RAT 2 will report to the Evacuation Group.
 - 3. Consideration needs to be made as to the additional resources needed to assist with the evacuation of people in the building that might or might not be found by RAT
 - 4. The Evacuation Group Supervisor will remain near the Command Post in the Command Area.



**Standard Operating
Guideline**

High Rise Operations



EMS OFFICER ON FIRST ALARM

- I. EMS OFFICER on first-alarm**
 - B. EMS Officer shall report to the Command Post location and establish the Medical Group Supervisor position in the Command Area.
 - 1. EMS Officer will be assigned the Command TAC and a TAC channel for the Group, and given a list of the companies working in their Group.
 - 2. The first arriving Medic and second arriving Medic will report to the Medical Group.
 - 3. The Medical Group Supervisor will remain near the Command Post in the Command Area.



Standard Operating Guideline

High Rise Operations



SECOND ALARM ASSIGNMENT

I. Second-alarm assignment

- A. The entire (all personnel) second-alarm assignment will establish "Staging" a minimum of two floors below the fire.
 1. The "Staging" location will depend on fire conditions in the building, and could be located more than 2 floors below the fire floor.
- B. The entire second-alarm assignment will park their apparatus away from the building in a pre-designated location identified by "Command".
- C. The entire second-alarm assignment will bring the following equipment unless re-directed by "Command":
 1. Additional equipment (Tool Assignment for Engine Company or Truck Members) should include:
 - c) 2 Spare Bottles per Person
 2. Level II RIC equipment should be addressed by the appropriate companies.
 3. Companies from the second-alarm assignment will take their Passports to "Staging" where they will be collected.
- D. The second-alarm assignment will establish Level II RIC one floor below the fire floor.
- E. The first arriving Truck in "Staging" will fill the RAT 2 position.
 1. The Staging Manager will provide RAT 2 with the TAC channel they will operate on.
 2. RAT 2 will report to the Evacuation Group.
 3. RAT 2 should follow the equipment guide used by RAT 1.
 4. **Using "OTIS 3", RAT 2 should be transported a minimum of two floors below the reported fire floor. RAT 2 should use the evacuation stairwell to access the top of the stairwell. RAT 2 should consider leaving their cache of extra equipment in the evacuation stairwell on the floor above the staging floor.**
 5. Initiate a search of the evacuation stairwell. Request resources as needed to complete this task.
 6. Escort building occupants out of the evacuation stairwell and relocate them to a safe location, and notify Evacuation Group of their location.
 7. Maintain control of the evacuation stairwell until relieved by Evacuation Group Supervisor.



Standard Operating Guideline

High Rise Operations



THIRD ALARM ASSIGNMENT

I. Third-alarm assignment

- A. The third-alarm assignment will establish "Base."
 - 1. An additional TAC channel will need to be assigned for roll call and "Base" due to the separation of "Staging" and "Base" in a High-Rise operation.
- B. The entire third-alarm assignment will park their apparatus away from the building in a pre-designated location identified by "Command" in the same area designated for the second-alarm assignment.



**Standard Operating
Guideline**

High Rise Operations



**TEMPLATE FOR BATTALION CHIEF ASSIGNMENTS FOR FIRST,
SECOND & THIRD ALARM HIGH-RISE FIRES**

- I.** In order to establish a standard for assignment of Command and Control functions, the following guideline should be considered at High-Rise fire related incidents:
- A. 1st Arriving Battalion Chief = "Command"
 - B. 2nd Arriving Battalion Chief = Division = Fire Floor
 - C. 3rd Arriving Battalion Chief = Group = Evacuation = Includes R.A.T.
 - D. 4th Arriving Battalion Chief = RIC Group
 - E. 5th Arriving Battalion Chief = Deputy Incident Commander
 - F. 6th Arriving Battalion Chief = Division/Group/Safety Officer
 - G. 1st Arriving Assistant Chief = "Command" = 1st Arriving Battalion Chief to "Operations" with 5th Arriving Battalion Chief as Deputy "Operations"
 - H. 7th Arriving Battalion Chief = "Logistics" = Lobby/Systems/Base
 - I. 8th Arriving Battalion Chief = Division/Group/Safety Officer (based on 6th Arriving Battalion Chief above)
 - J. 9th Arriving Battalion Chief = Division/Group



Standard Operating Guideline

High Rise Operations



ELEVATOR POLICY FOR HIGH-RISE OPERATIONS

If the fire is reported on or above the 7th floor, immediately upon arrival the first Engine will assign the Back-up Firefighter and Nozzle Firefighter as the elevator operators for the incident, hereafter to be known as “**OTIS 1**”, and “**OTIS 2**”

The **OTIS** firefighters will recall all of the elevators to the ground floor and lock them out. **OTIS 1 and OTIS 2** will take control of two of the elevator cars and operate them in the “**Manual**” mode. **OTIS 1 and OTIS 2** will transport firefighters from the main floor lobby, **drop them off two (2) floors below the fire floor**, and return to the main floor lobby immediately.

1. At no time shall fire personnel utilize the elevator, unless it is in Fire Department Mode.
2. If the elevators in the building are not equipped with emergency elevator recall, all elevators must be taken off the **automatic** control and switched to **manual** control.
3. All personnel entering an elevator car will be equipped with self-contained breathing apparatus.
4. The operation of elevator cars in the Fire Department Mode will be performed exclusively by fire department personnel.
5. A minimum a two companies should be transport per elevator at all times if appropriate.
6. **The elevator operator should check at five (5) floor intervals to ensure that the elevator is still under Fire Department control, as well as checking for smoke and water.**
7. **All companies will exit elevators a minimum of two (2) floors, below the reported fire-floor.**
8. The operator of every elevator car must have a halligan, SCBA, portable radio, fire phone and one (1) extra air bottle.
9. A third “OTIS” will be established by the Rapid Ascent Team (RAT 1). This will identified by “OTIS 3”, and the same policy will apply for their use of the elevator.
10. Once RAT operations are completed, “OTIS 3” will report to Lobby Control and assist with the movement of personnel and equipment for the duration of the operation.



**Standard Operating
Guideline**

High Rise Operations



TOOL ASSIGNMENT FOR ENGINE COMPANY MEMBERS

This guideline is to establish a standardized tool selection for Engine Company members.

Captain

1. PPE
2. Flashlight
3. Radio
4. SCBA
5. Officer's halligan
6. Cell phone

Engineer

1. PPE
2. Radio

Back-up Firefighter

1. PPE
2. Flashlight
3. Radio
4. SCBA
5. Halligan/Flat Head Axe
6. 6' All Purpose Hook or 6' Pike Pole
7. Small Bolt cutters (if appropriate)
8. Service line (if appropriate)

Nozzle Firefighter

1. PPE
2. Flashlight
3. Radio
4. SCBA
5. Can (Investigative Mode)



**Standard Operating
Guideline**

High Rise Operations



TOOL ASSIGNMENT FOR TRUCK COMPANY MEMBERS

This guideline is to establish a standardized tool selection for Truck Company members.

Captain

1. PPE
2. Flashlight
3. Radio
4. TIC
5. Axe
6. SCBA
7. Can (if appropriate)
8. Search rope
9. Cell phone

Engineer

1. PPE
2. Flashlight
3. Radio
4. Axe
5. SCBA
6. Debris hook/Pike Pole
7. Gas blower

Tool Firefighter

1. PPE
2. Flashlight
3. Axe
4. SCBA
5. Sledge hammer
6. Halligan
7. 6' Pike pole
8. Large bolt cutters (if appropriate)

Saw Firefighter

1. PPE
2. Flashlight
3. Axe
4. SCBA
5. Circular saw with combination blade
6. Adjustable Wrench