

# Handout 7-1

## Pre-exercise Information Forms

## Primary Factors Chart

Primary Factor - Situation Awareness - Chart		Column #1	Column #2	Column #3	Column #4
Primary Factors	Pertinent Sub-Factors (P)	Incident Objectives Attainable/ Measurable/ Flexible	Incident Objectives Attainable/ Measurable/ Flexible	Activities (Strategies)	Evaluate Effect of Activities (Strategies) Every 10 Minutes Effective
Life Hazard	Occupants	<u>Examples of Incident Objectives:</u> <ul style="list-style-type: none"> <li>Safe Removal of All Occupants within 10 minutes.</li> <li>Contain and Control Fire to Room/Building of Origin within 10 minutes</li> <li>Contain, Control and Limit Fire in Exposures within 10 minutes</li> <li>Other.</li> </ul>	<u>Examples of Incident Objectives:</u>	[R] Rescue Interior/Exterior/Both	
	Firefighters			[E] Exposure Protection Exposure Examination	
Location/Fire	Fire Building on Arrival - Burn Time	<u>List Incident Objectives:</u>		[C/E] Confinement/Extinguishment Hose Line Placement	
	Exposures On Arrival - Burn Time				
Construction	Fire Spread Considerations Radiation/Conduction/Convection Fire Building - Type 1-2-3-4-5 (Lightweight Awareness)			[O] Overhaul Expose Hidden Fire	
	Exposures - Type 1-2-3-4-5 (Lightweight Awareness)				
Occupancy (Contents)	Fire Building - (Fuel Load)			[V] Ventilation Removal of Occupants Fire Control	
	Exposures (Fuel Load)				
Height	Fire Building (Front-Rear)			[S] Salvage Water - Run-Off Apply Covers	
	Exposures (Front-Rear)				
Area	Fire Building/Configuration			Forcible Entry Location Method	
	Proximity of Exposures /Configuration After Arrival				
Structural Collapse	Fire Building - Burn Clock After Arrival			Special Equipment Imaging Cameras	
	Exposures - Burn Clock After Arrival				
	Collapse Zone - Safe Corridors				
	Apparatus Placement				
Weather	Visibility			<u>List Incident Strategies</u>	Identify alternative strategies for firefighter safety when occupant safety has been determined not to be a Primary Factor.
	Temperature/Humidity				
Resource Requirement	Wind - Direction/Velocity			For Objective # 1:	
	Apparatus/Personnel/Equipment - RIT				
Auxiliary Appliances	Water Supply/Suppression Agent			For Objective # 2:	
	Fire Building Supplied				
Topography	Exposures Supplied			For Objective # 3:	
	Front-Rear				
Explosions/ Back Draft	Proper Ventilation Flash-Over Time Awareness			For Objective # 4:	
	Time of Day Time of Year				
Time	Duration of Incident			For Objective # 5:	



### Primary Factors Exercise Chart

Pertinent Primary Factor	Pertinent Subfactor	Pertinent Precautions To Be Taken
1.	1. 2.	1. 2.
2.	1. 2. 3.	1. 2. 3.
3.	1. 2.	1. 2.
4.	1. 2.	1. 2.
5.	1. 2.	1. 2.
6.	1. 2.	1. 2.
7.	1. 2. 3. 4.	1. 2. 3. 4.
8.	1. 2. 3.	1. 2. 3.
9.	1. 2.	1. 2.
10.	1. 2.	1. 2.
11.	1.	1.
12.	1. 2.	1. 2.
13.	1. 2.	1. 2.

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### Objectives-Strategy-Tactics Chart

Objectives	Strategy(ies)	Tactics	Assigned to:
Objective #1	1.	1.	1.
		2.	2.
		3.	3.
	2.	1.	1.
		2.	2.
		3.	3.
	3.	1.	1.
		2.	2.
		3.	3.
Objective #2	1.	1.	1.
		2.	2.
		3.	3.
	2.	1.	1.
		2.	2.
		3.	3.
	3.	1.	1.
		2.	2.
		3.	3.
Objective #3	1.	1.	1.
		2.	2.
		3.	3.
	2.	1.	1.
		2.	2.
		3.	3.
	3.	1.	1.
		2.	2.
		3.	3.

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## ICS Form 214, *Unit Log*

<b>UNIT LOG</b>		1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period
7. Personnel Roster Assigned				
Name		ICS Position		Home Base
8. Activity Log				
Time		Major Events		
9. Prepared by (Name and Position)				





**ICS Form 201, *Incident Debriefing***

<b>INCIDENT BRIEFING</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
4. MAP SKETCH			
<b>ICS 201 PAGE 1 OF 4</b>	5. PREPARED BY (NAME AND POSITION)		

6. SUMMARY OF CURRENT ACTIONS	

7. CURRENT ORGANIZATION

## 8. RESOURCES SUMMARY

[illegible]

## Handout 7-2

### Exercise #1: Townhouse Messages

Time: 0730 hours

#### Message #1

Slide Iteration #1

First alarm assignment dispatched at 0727 hours.

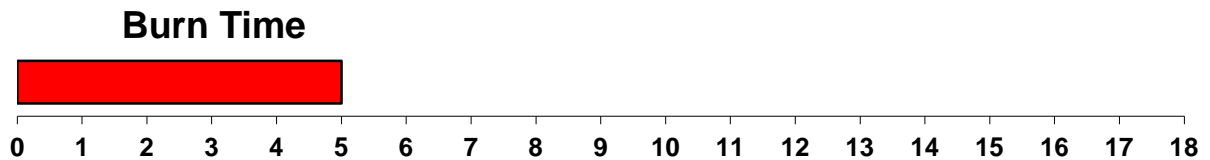
Engine 1 has arrived on location at 0730 hours. Upon arrival, four adults and two children are outside of the townhouses. Occupants report two adults and one child are unaccounted for from Unit #3, and two occupants each from Units #2 and #4 are unaccountable.

#### 1st alarm assignment:

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on the Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 0732 hours

**Message #2**

Slide Iteration #2

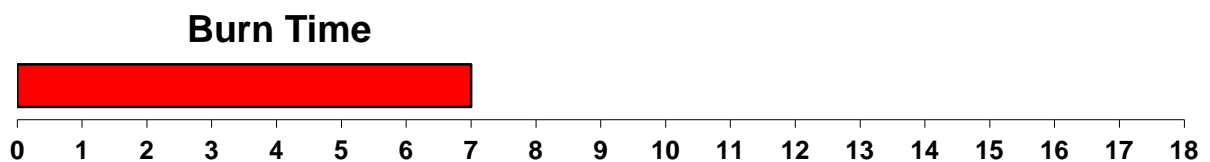
Establish the Incident Objectives-Strategies-Tactics for the first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics Chart for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 0735 hours

**Message #3**

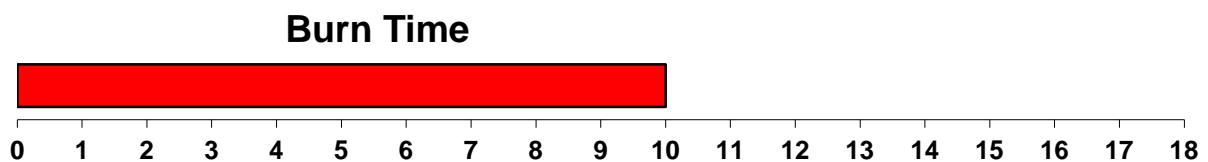
Slide Iteration #2

Engine 1 reports heavy fire in second floor middle bedroom. Request another company to support firefighting operations.

Ladder company reports primary search and rescue operations underway in Unit #3.

One male and one female, both occupants from Unit #4 have been located and they are exiting the building. Both are suffering from moderate smoke inhalation. Light to medium smoke conditions in Unit #4 on second floor, no visible fire at this time.

**Estimated burn time = 10 minutes**



Time: 0737 hours

**Message #4**

Slide Iteration #3

Missing occupants from Unit #3 have been located. All unconscious in second floor master bedroom. Need medical support.

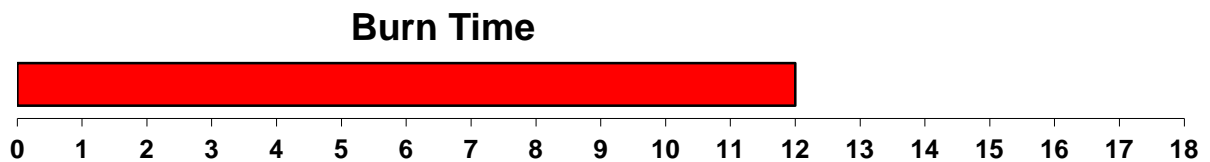
Engine 1 reports fire knocked down in second floor middle bedroom. Still have medium to heavy smoke conditions on second floor and attic space. Need to check for attic extension.

Unit #2 has light to medium smoke conditions on second floor and attic. No visible fire. Still conducting primary search for reported missing occupants.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 0739 hours

**Message #5**

Slide Iteration #3

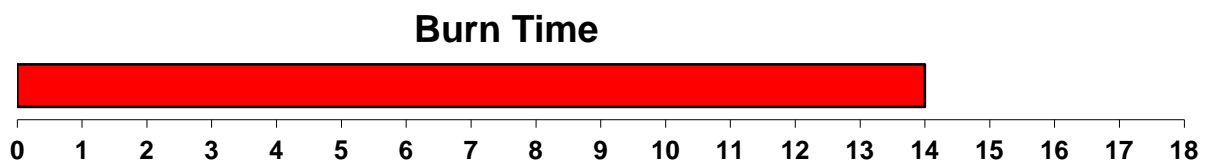
Attic space inspection in Unit #4 reveals no fire extension.

Engine 1 reports minor extension into attic space in Unit #3. There has been some minor fire extension into second floor hallway sidewall.

Part of the ceiling has collapsed in middle bedroom in Unit #3. One firefighter has suffered a minor back injury.

Emergency medical services (EMS) is requesting additional Medical Units for transportation for evacuated occupants. One is a 4-year-old boy.

**Estimated burn time = 14 minutes**



Time: 0741 hours

**Message #6**

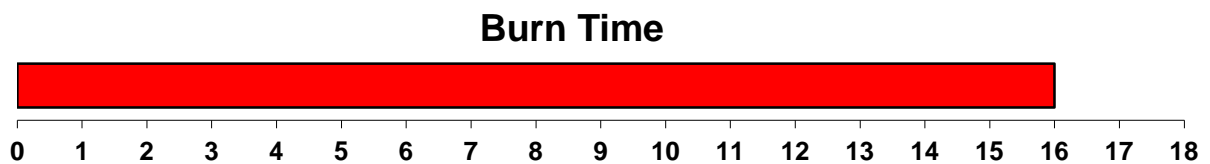
Slide Iteration #4

Primary search in Unit #2 has been completed. Still have light smoke conditions on second floor and attic space, no fire extension.

Engine 1 reports small fire extension into Unit #3 attic space. Fire has been knocked down in attic space. Still have light to medium smoke conditions on second floor and attic space. Building structural support conditions appear to be good.

Continuing to check for further extension.

**Estimated burn time = 16 minutes**



Time: 0742 hours

**Message #7**

Slide Iteration #4

Engine 1 reports second floor hallway sidewall fire has been extinguished. Still have light smoke conditions on second floor and attic space.

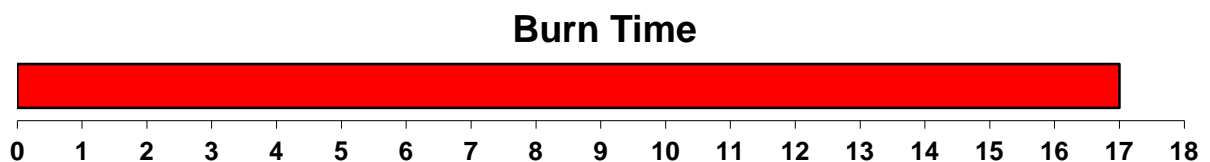
Continuing to check for any further extension.

**Units #1 and #2 and #4 and #5 have been fully ventilated and primary search completed.**

**No spread of fire into Units #1 and 2 or #4 and #5.**

Battalion Chief has arrived on scene.

**Estimated burn time = 17 minutes**



Time: 0743 hours

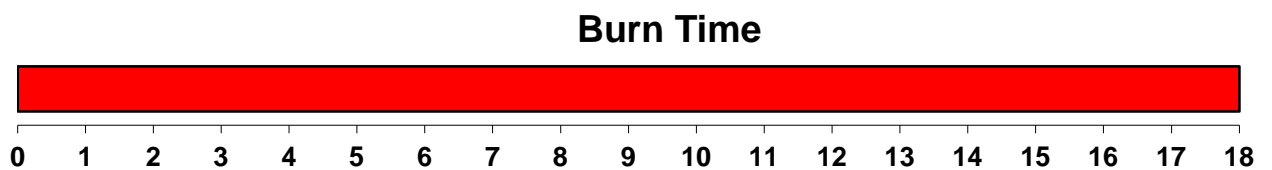
**Message #8**

Slide Iteration #4

Engine 1 reports no further extension of fire in Unit #3.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



## Handout 7-3

### Exercise #2: Office Complex Messages

Time: 1030 hours

#### Message #1

Slide Iteration #1

First alarm assignment dispatched at 1027 hours.

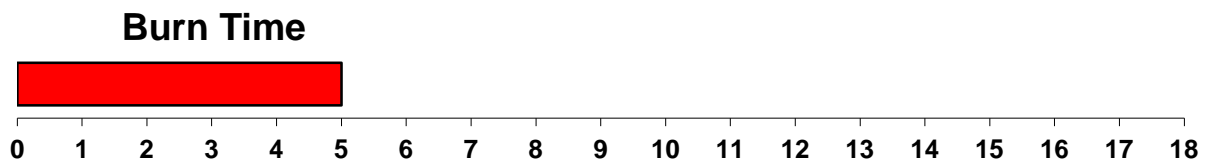
Engine 1 has arrived on location at 1030 Hours. Upon arrival, several employees are outside the office complex on Sides A and C. Occupants from Offices 3 and 4 report that they are not sure everyone is accounted for. The daycare center is evacuating children from Offices 11 and 12.

#### 1st alarm assignment:

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on the Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 1032 hours

**Message #2**

Slide Iteration #2

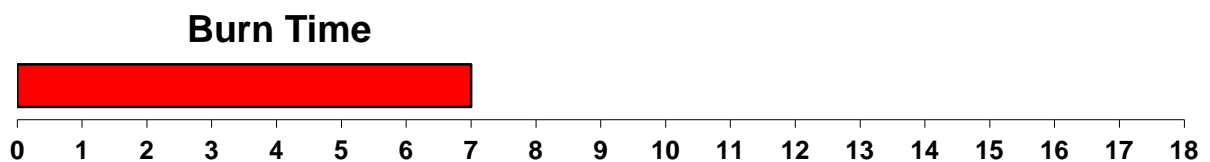
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics Chart for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1035 hours

**Message #3**

Slide Iteration #2

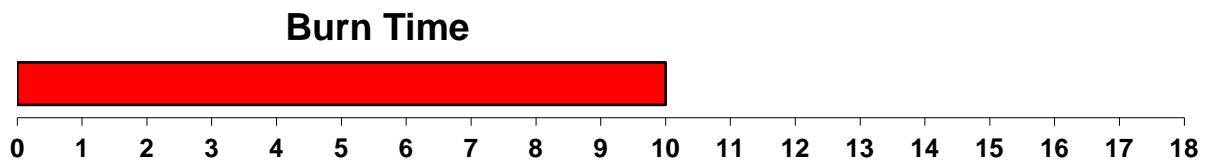
Engine 1 reports heavy fire in Office 3. Request another company to support firefighting operations.

Ladder company reports that primary search-and-rescue operations are underway in Offices 2 and 4. Heavy smoke conditions are reported in Offices 2 to 8.

Methadone clinic manager reports that 10 people, including employees, were in Offices 3 and 4 when the fire broke out.

Occupants from all other offices in the complex are evacuating.

**Estimated burn time = 10 minutes**



Time: 1037 hours

**Message #4**

Slide Iteration #3

Daycare Center manager reports that they had 15 children in Offices 11 and 12. They have evacuated them, but many children inhaled smoke which spread very quickly into their area.

Engine 1 reports fire knocked down in Office 3, but still encountering heavy smoke and heat conditions. Need to check for extension.

Primary search has been completed for Offices 1 and 2 and 5 and 6; light to medium smoke conditions remain.

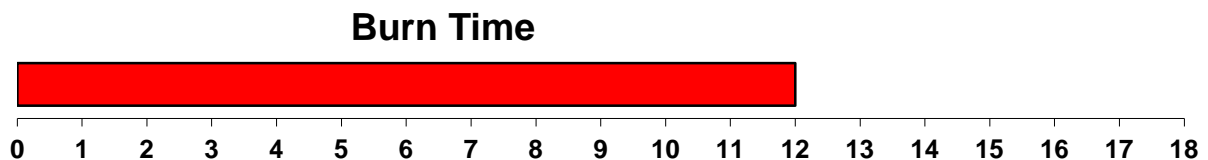
Offices 7 and 8 have been evacuated, but three occupants are suffering from smoke inhalation. Need medical support.

There are moderate heat conditions in Offices 7 and 8. Need to check for extension.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1039 hours

**Message #5**

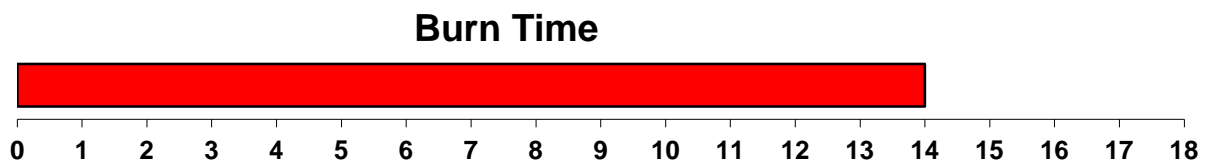
Slide Iteration #3

Attic space inspection in Office 4 reveals no visible fire extension.

Engine 1 reports minor fire extension into attic space in Office 3. There has also been fire extension into the Office 4 adjoining sidewall.

Emergency medical services (EMS) is requesting additional Medical Units for transportation. They now have 10 daycare children who require further treatment and evaluation and 7 adults.

**Estimated burn time = 14 minutes**



Time: 1041 hours

**Message #6**

Slide Iteration #4

Primary search in Office 3 has been completed. One unconscious occupant has been found, in the Office 3 bathroom, suffering from severe burns.

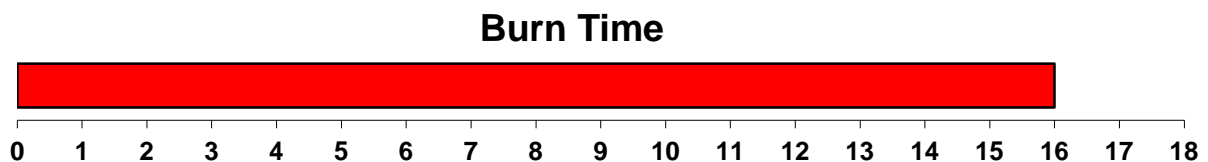
Engine 1 reports small fire extension into Office 3 attic space, but fire has been knocked down in attic space. Still have some hidden fire in Office 4 sidewall.

One firefighter from Engine 1 was accessing the attic space and has fallen off a 12-foot ladder in Office 3. Need assistance.

Building structural support conditions appear to be in good condition. Continuing to check for further extension.

Primary search has been completed in Offices 7 to 12.

**Estimated burn time = 16 minutes**



Time: 1042 hours

**Message #7**

Slide Iteration #4

Engine 1 reports all fire extension into Office 4 has been extinguished. Still have light to medium smoke conditions in Offices 3 and 4.

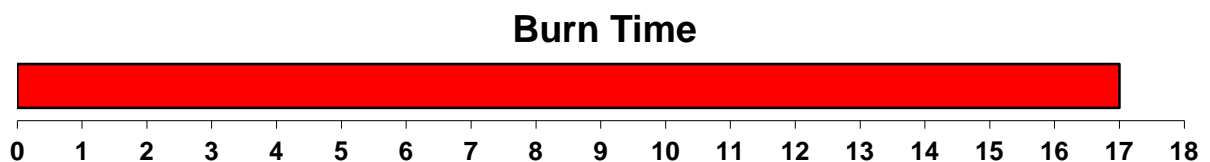
Continuing to check for any further extension.

Offices 1 and 2 and 5 and 6 have been fully ventilated and primary search completed

No spread of fire into Offices 1 and 2 and 5 and 6

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



Time: 1043 hours

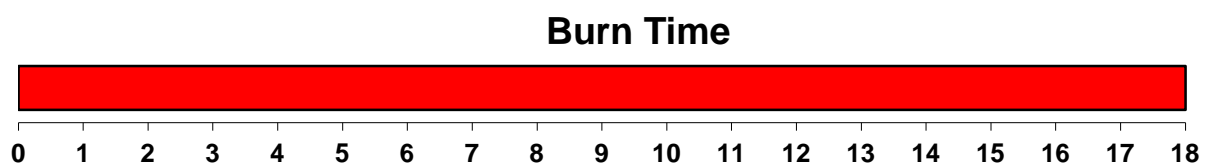
**Message #8**

Slide Iteration #4

Engine 1 reports no further extension of fire in Office 3 and 4 and all occupants have been accounted for.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



**Handout 7-4**

**Exercise #3: Highrise Messages**

Time: 1430 hours

**Message #1**

Slide Iteration #1

First alarm assignment dispatched at 1427 hours.

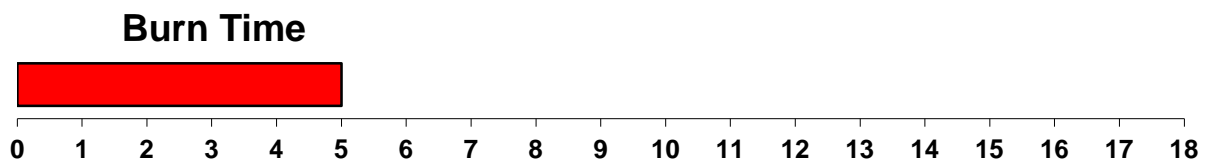
Engine 1 has arrived on location at 1430 hours. Upon arrival, several people are outside the highrise on Side C and more are evacuating down the rear stairwell. The alarm system is sounding. Status of occupants in Apartment 801 is unknown.

**1st alarm assignment:**

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on the Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 1432 hours

**Message #2**

Slide Iteration #2

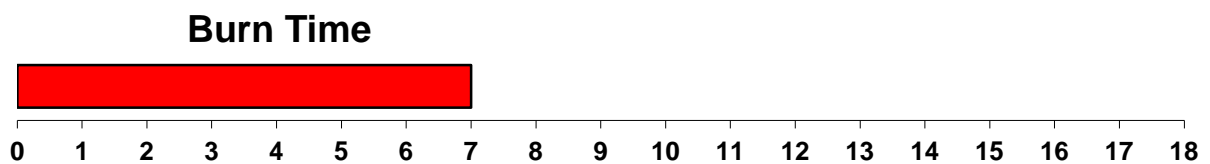
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1435 hours

**Message #3**

Slide Iteration #2

Engine 1 is stretching a hoseline from the rear core standpipe in stairwell.

Engine 1 reports heavy fire in Apartment 801. Need additional firefighting support.

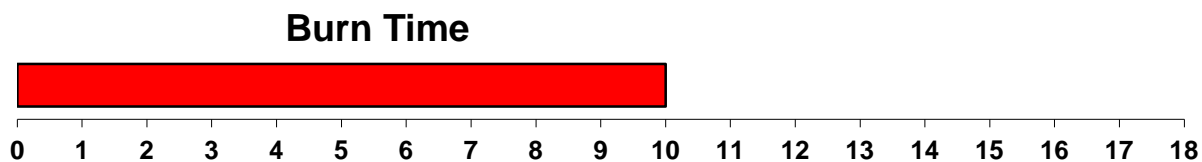
Ladder company reports that primary search-and-rescue operations are underway on eighth floor. All occupants have not yet evacuated from the eighth floor.

Occupants from the upper floors are evacuating down the rear stairway, many are showing signs of smoke inhalation.

This building is rear core construction.

Building manager reports building occupancy is senior citizens. There are six apartments on each floor. Most apartments have two residents.

**Estimated burn time = 10 minutes**



Time: 1437 hours

**Message #4**

Slide Iteration #3

Engine 1 reports all visible fire knocked down, but still have heavy smoke and heat conditions in Apartment 801. Status of occupants unknown.

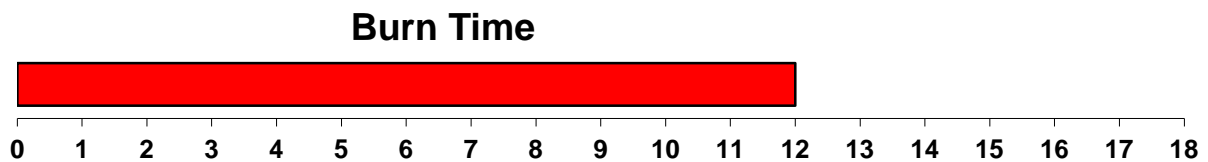
Ladder company reports six occupants from Apartments 801, 805, and 806 are suffering from smoke inhalation. They need medical attention. They have been taken to sixth floor for further treatment.

The ninth floor needs to be checked for occupants and spread of fire.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1439 hours

**Message #5**

Slide Iteration #3

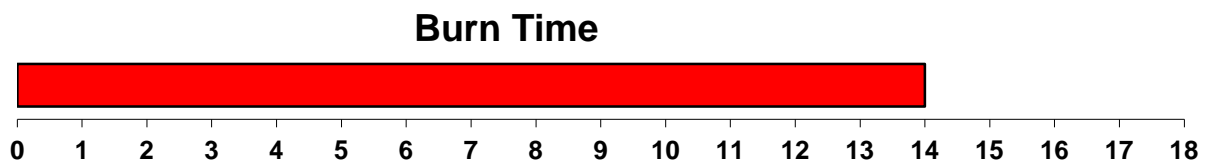
Engine 1 reports fire confined to Apartment 801, but it appears some fire has spread up the curtain wall to Apartment 901.

Engine 1 is also reporting an odor of gas in Apartment 801.

Emergency medical services (EMS) is requesting additional Medical Units for treatment and transportation for the sixth floor. They now have 12 occupants that require further smoke inhalation treatment and evaluation. Most occupants are from floors 8 to 10.

Occupants continue to evacuate down rear stairwell.

**Estimated burn time = 14 minutes**



Time: 1441 hours

**Message #6**

Slide Iteration #4

Engine 1 reports limited fire spread to Apartment 901 via curtain wall.

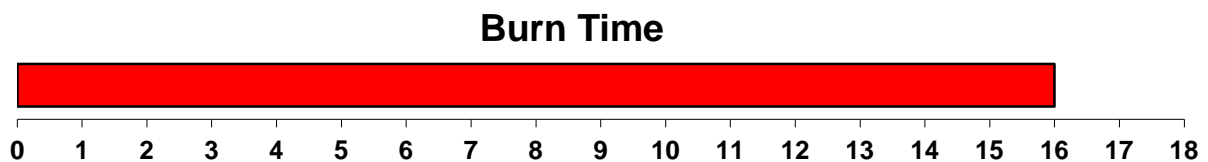
Engine 1 has found one occupant of Apartment 801 in rear bedroom, unconscious and not breathing.

One firefighter from Engine has fainted in Apartment 801. Need assistance. Firefighter appears to be suffering from heat exhaustion.

Primary search is still continuing on upper floors. Smoke conditions above the 10th floor are light to very light.

Evacuated residents are complaining about the heat conditions outside the building.

**Estimated burn time = 16 minutes**



Time: 1442 hours

**Message #7**

Slide Iteration #4

Further inspection shows no fire extension above the ninth floor.

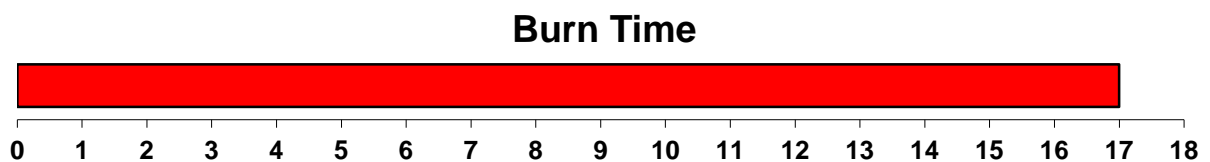
Smoke conditions are now light on the eighth and ninth floors.

Odor of gas is beginning to dissipate.

Approximately 250 residents occupy the building.

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



Time: 1443 hours

**Message #8**

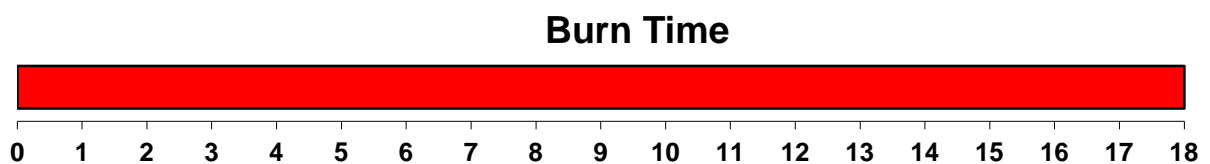
Slide Iteration #4

EMS confirms reports that the injured firefighter from Engine 1 is suffering from heat exhaustion.

Many other firefighters are suffering from some heat issues.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



## Handout 7-5

### Exercise #4: Mill Building Messages

Time: 1330 hours

#### Message #1

Slide Iteration #1

First alarm assignment dispatched at 1327 hours.

Engine 1 has arrived on location at 1330 hours. Upon arrival, several customers and employees are outside the building on Side A. Store manager reports that plumbers were working in the basement repairing a broken water pipe when the fire broke out. The plumbing foreman reported the sprinkler system was shut down for the repairs. One plumber is unaccounted last seen in basement and for and one employee working on the second floor is missing.

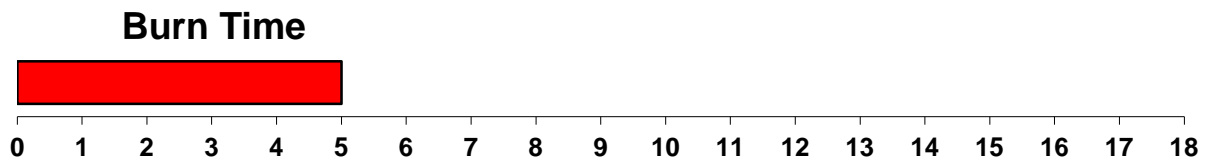
Engine 1 has arrived on location at 1330 hours.

#### 1st alarm assignment:

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 1332 hours

**Message #2**

Slide Iteration #2

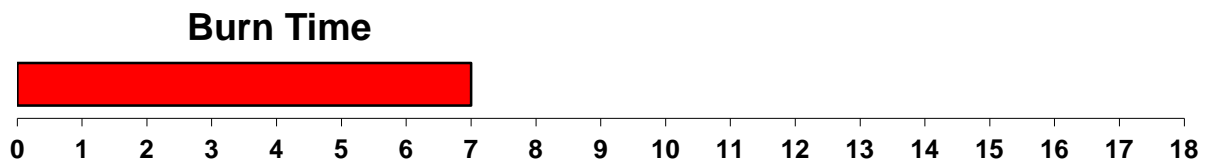
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1335 hours

**Message #3**

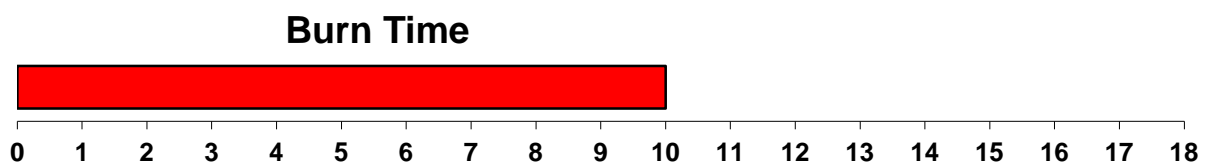
Slide Iteration #2

Engine 1 reports heavy fire showing from two windows, front part of basement.

Ladder company reports primary search and rescue operations are underway on second floor for missing employee.

Medium smoke conditions are reported on second floor.

**Estimated burn time = 10 minutes**



Time: 1337 hours

**Message #4**

Slide Iteration #2

Engine 1 reports the need for large waterlines. Fuel load is heavy in basement.

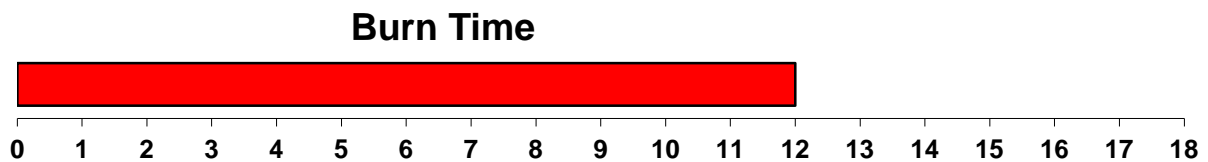
Ladder company still conducting primary search on second floor and attic area searching for missing employee. Light to medium smoke reported in attic area.

Store manager reports that he just received a cell call from the plumber and he said he is located in the basement furnace room Side D. He needs help fast, cannot breath.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1339 hours

**Message #5**

Slide Iteration #3

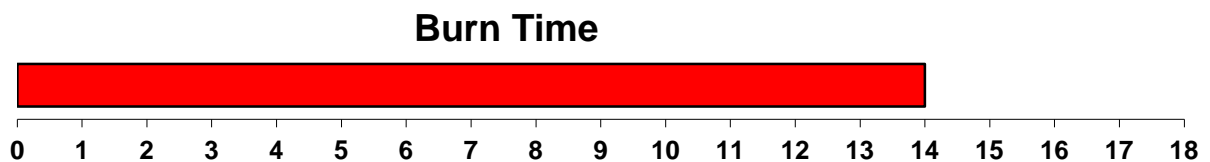
Engine 1 reports fire knocked down in basement.

They are now attempting to enter basement from interior steps.

Ladder company has located the missing employee in rear attic area. He is semiconscious and needs medical support.

One firefighter slipped on second floor stairs and hurt his knee very badly. Needs assistance.

**Estimated burn time = 14 minutes**



Time: 1341 hours

**Message #6**

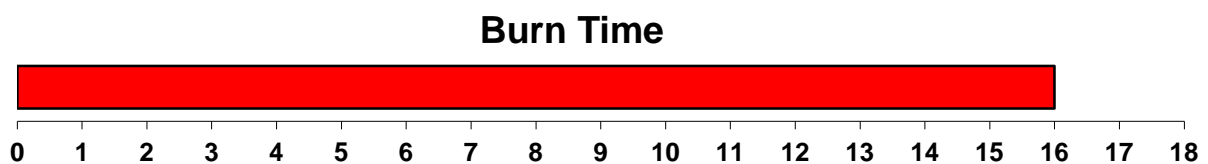
Slide Iteration #4

Engine 1 reports it has entered the basement and all visible fire has been knocked down. Medium smoke conditions are present in basement.

Missing plumber has been located in basement furnace room. He is suffering from extreme smoke inhalation. Need medical support.

First floor reports no extension of fire into first floor. Light to medium smoke conditions bow present on first floor.

**Estimated burn time = 16 minutes**



Time: 1342 hours

**Message #7**

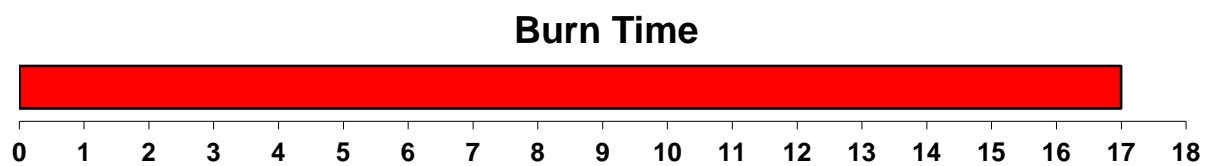
Slide Iteration #4

Engine 1 reports no further extension of fire in basement.

Primary search of building is now complete.

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



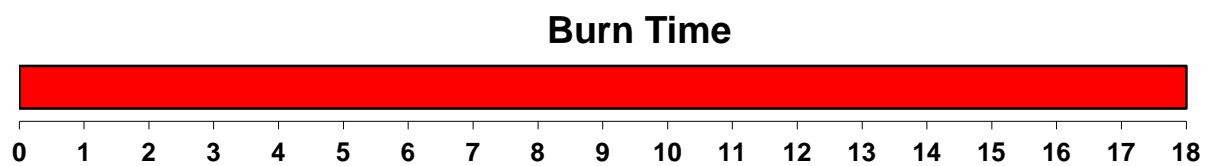
Time: 1343 hours

**Message #8**

Slide Iteration #4

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



**Handout 7-6**

**Exercise #5: Shopping Center Messages**

Time: 1230 hours

**Message #1**

Slide Iteration #1

First alarm assignment dispatched at 1227 hours.

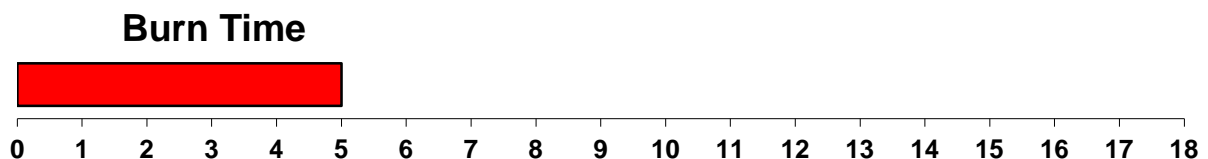
Engine 1 has arrived on location at 1230 hours. Upon arrival, several people are outside the building on Side A. The manager of Quizno's reports an explosion occurred in Quizno's. The manager is suffering from severe burns of his arms, neck, and back. He said just before the explosion he smelled gas. One employee is missing. Four Quizno's customers are outside suffering from smoke inhalation. Occupants of Powell Insurance and Chris's Steak House are exiting.

**1st alarm assignment:**

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 1232 hours

**Message #2**

Slide Iteration #2

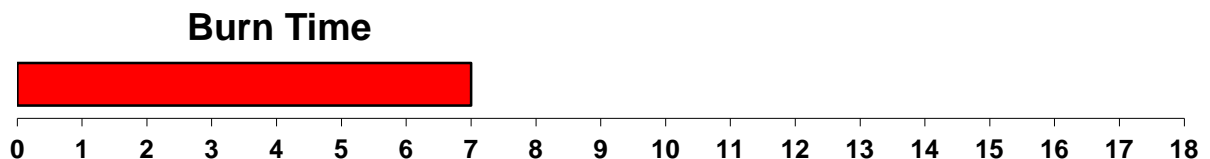
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics Chart for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1235 hours

**Message #3**

Slide Iteration #2

Engine 1 reports heavy fire in Quizno's Restaurant. Request another company to support firefighting operations.

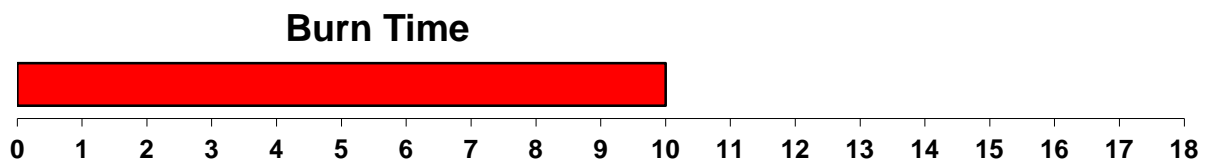
Ladder company reports primary search-and-rescue operations are underway in Powell Insurance and Chris's Steak House. Heavy smoke conditions are reported in all occupancies.

Powell Insurance office manager reports all employees accounted for, but three have suffered smoke inhalation and need further evaluation.

Chris's Steak House manager reports 25 customers and 7 employees were in the restaurant when the fire broke out. He also reports that there was a strong smell of gas in the restaurant kitchen right before the fire broke out.

Several customers and employees are outside Chris's Steak House. He does not have full accountability.

**Estimated burn time = 10 minutes**



Time: 1237 hours

**Message #4**

Slide Iteration #3

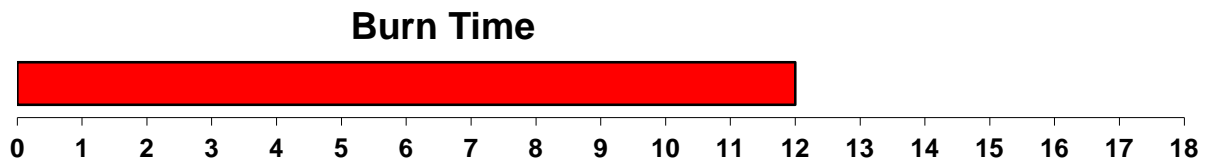
Engine 1 reports all visible fire knocked down, but still smelling the presence of gas. Fire appears to have some upward extension.

Primary search has been completed for Powell Insurance, but medium heat and smoke conditions remain. All employees are now accounted for.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1239 hours

**Message #5**

Slide Iteration #3

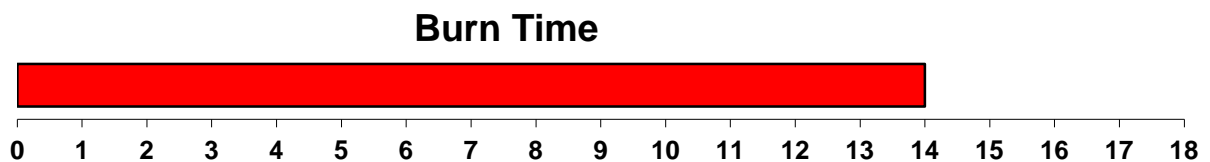
Engine 1 reports attic space inspection in Quizno's indicates some fire extension into attic space. One firefighter is complaining of chest pains. Need assistance.

Attic inspection in Powell Insurance and Chris's Steak House reveal medium smoke, but no visible fire at this time.

Strong odor of gas also detected in attic space.

Emergency medical services (EMS) is requesting additional Medical Units for transportation. They now have eight employees and customers that require further treatment and evaluation.

**Estimated burn time = 14 minutes**



Time: 1241 hours

**Message #6**

Slide Iteration #4

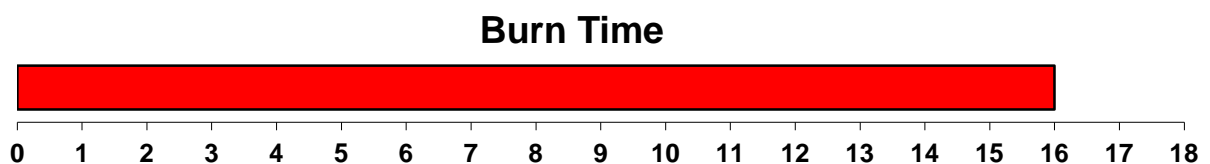
Engine 1 reports fire in attic space has been extinguished. One unconscious employee has been found in Quizno's suffering from severe burns. Need medical assistance.

Primary search in has been completed in Chris's Steak House. All employees and customers now accounted for.

Building structural support conditions appear to be in fair condition in Quizno's. They have suffered some fire damage.

Continuing to check for further extension.

**Estimated burn time = 16 minutes**



Time: 1242 hours

**Message #7**

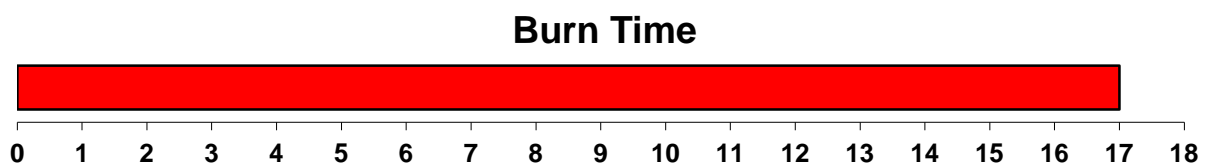
Slide Iteration #4

Further inspection into Powell Insurance and Chris's Steak House attic reveal no fire or structural damage.

Odor of gas is dissipating.

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



Time: 1243 hours

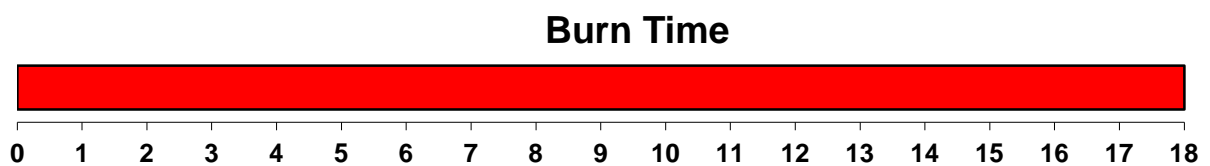
**Message #8**

Slide Iteration #4

Engine 1 reports no further extension of fire.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



**Handout 7-7**

**Exercise #6: Bank Mansard Roof Messages**

Time: 1230 hours

**Message #1**

Slide Iteration #1

First alarm assignment dispatched at 1227 hours.

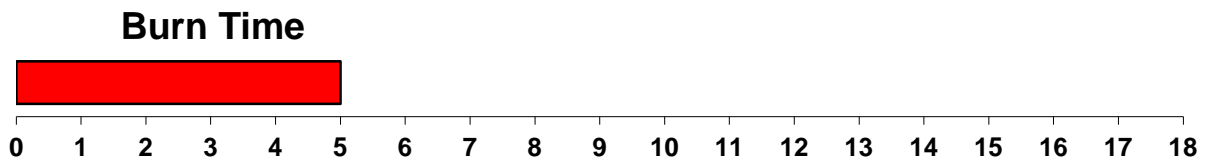
Engine 1 has arrived on location at 1230 hours. Upon arrival, several employees and customers are outside the bank building. Three employees who attempted to fight the fire are suffering from minor burns and smoke inhalation. The bank manager reports that a few employees were eating lunch in the third floor break/lunch room and they are unaccounted for. He thinks everyone else has left the building. He reports that the fire is in the second floor copy/printing room on the second floor.

**1st alarm assignment:**

- Engine 1;
  - Engine 2;
  - Engine 3;
  - Ladder 1; and
  - BLS 1.
1. Identify the pertinent primary factors and subfactors.
  2. Enter factors on Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**



Time: 1232 hours

**Message #2**

Slide Iteration #2

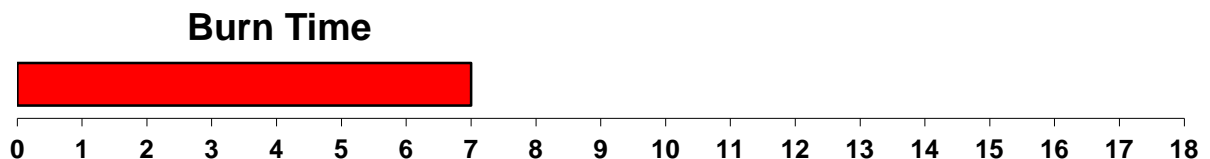
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics Chart for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1235 hours

**Message #3**

Slide Iteration #2

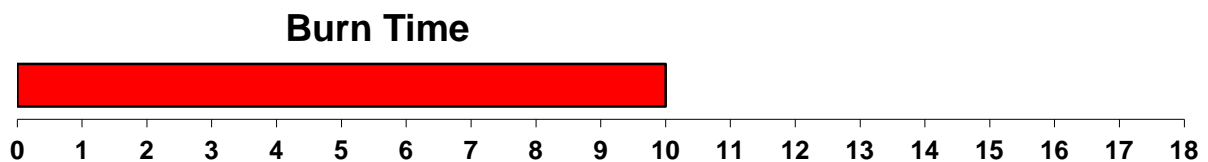
Engine 1 reports heavy fire from one window second floor Side B of building.

Ladder company reports primary search-and-rescue operations are underway on second and third floors. Reports heavy smoke conditions on second and third floors.

Bank manager reports 25 customers and 7 employees were in building when fire broke out and 3 employees are unaccounted for.

Several customers and employees are outside the bank. The bank manager does not have full accountability.

**Estimated burn time = 10 minutes**



Time: 1237 hours

**Message #4**

Slide Iteration #3

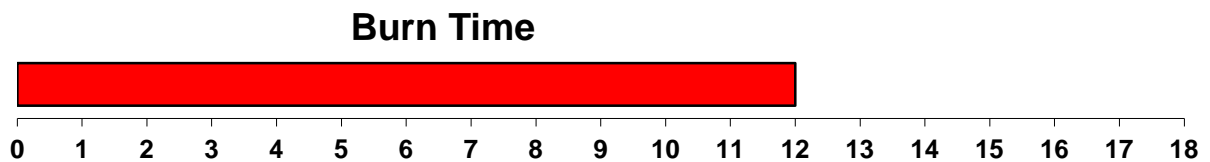
Engine 1 reports all visible fire knocked down in second floor copying room, but still experiencing heavy heat conditions. Fire appears to have some upward extension to third floor in wall space.

Primary search has not been completed. Two semi-unconscious employees have been found in second conference room. They are being removed from the building.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1239 hours

**Message #5**

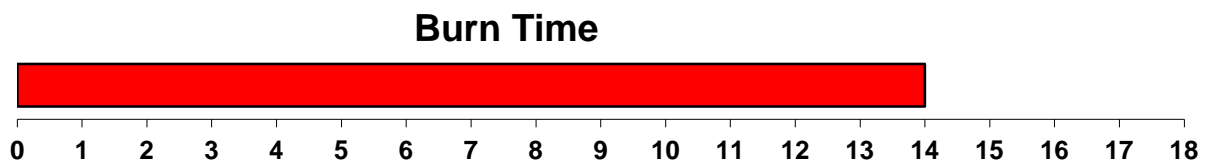
Slide Iteration #3

Engine 1 reports possible extension to third floor via exterior wall. Need to check mansard roof sidewall for extension.

One firefighter from Engine 1 has collapsed. Need assistance.

Emergency medical services (EMS) is requesting additional Medical Units for transportation. They now have 12 employees and customers that require further treatment and evaluation.

**Estimated burn time = 14 minutes**



Time: 1241 hours

**Message #6**

Slide Iteration #4

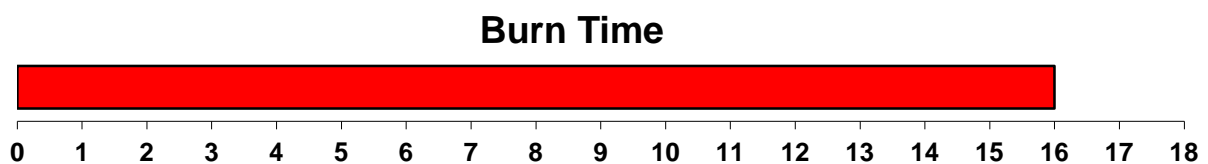
Engine 1 reports fire in second floor wall space has been extinguished.

Ladder 1 reports another unconscious employee has been found in second floor Loan Office. Need medical assistance.

Building structural support conditions in third mansard roof appear to be in fair condition, but they have suffered some light fire damage.

Continuing to check for further extension.

**Estimated burn time = 16 minutes**



Time: 1242 hours

**Message #7**

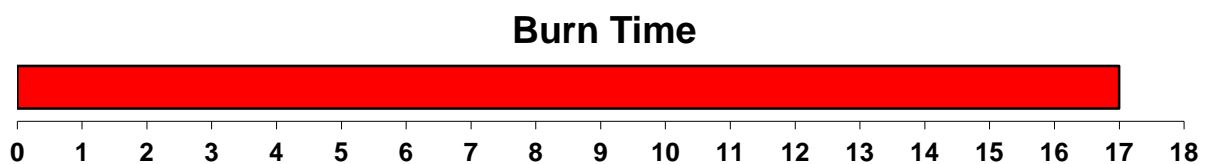
Slide Iteration #4

Further inspection into mansard roof area indicates no major fire or structural damage.

Primary search of second and third floors has been completed. No further casualties identified.

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



Time: 1243 hours

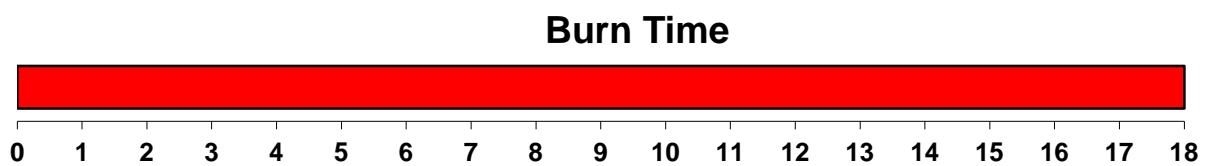
**Message #8**

Slide Iteration #4

Engine 1 reports no further extension of fire.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**



## Handout 7-8

### Exercise #7: Noncombustible Warehouse Messages

Time: 1530 hours

#### Message #1

Slide Iteration #1

First alarm assignment dispatched at 1527 hours.

Engine 1 has arrived on location at 1530 hours. Upon arrival, several employees are outside the building on Side A. Plant foreman reports a small explosion occurred near the paint finishing room and fire broke out after the explosion.

Two employees are suffering from arm and neck burns and need further treatment. Three employees are unaccounted for. They worked in the manufacturing finishing area. Four office employees are complaining of smoke inhalation. However, all office employees are accounted for.

#### 1st alarm assignment:

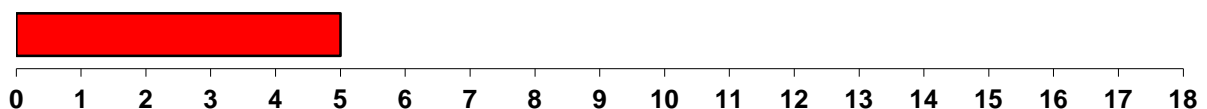
- Engine 1;
- Engine 2;
- Engine 3;
- Ladder 1; and
- BLS 1.

1. Identify the pertinent primary factors and subfactors.
2. Enter factors on Primary Factors Chart and identify pertinent precautions.

**Response time = 3 minutes**

**Estimated burn time = 5 minutes**

#### Burn Time



Time: 1532 hours

**Message #2**

Slide Iteration #2

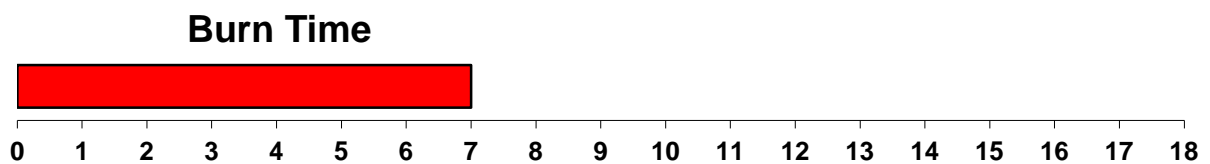
Establish the Incident Objectives-Strategies-Tactics for first operational period.

Enter on the Objectives-Strategy-Tactics Chart.

Tactics must be designated on the Objectives-Strategy-Tactics Chart for deployed resources.

When all first alarm resources are deployed, then a **working fire** will be declared and additional companies will be deployed.

**Estimated burn time = 7 minutes**



Time: 1535 hours

**Message #3**

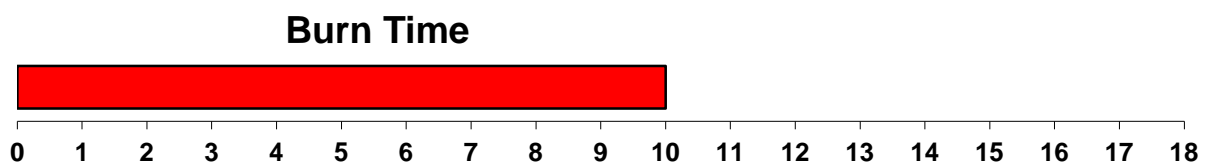
Slide Iteration #2

Engine 1 reports heavy fire Side C of building from overhead doors and one window.

Ladder company reports primary search and rescue operations are underway. Reports encountering heavy smoke and heat conditions.

Plant manager reports all employees accounted for except for three whom were working in the refinishing area.

**Estimated burn time = 10 minutes**



Time: 1537 hours

**Message #4**

Slide Iteration #3

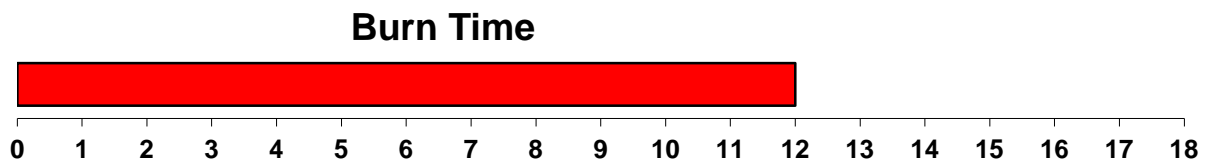
Engine 1 reports all visible fire knocked down, but still experiencing heavy heat conditions. Fire may have some upward extension into ceiling area.

Primary search has not been completed. Two semi-unconscious employees have been found in the lavatory on first floor. They are being removed from the building. Need emergency medical services (EMS) support. Both are suffering from severe smoke inhalation.

**Working fire companies have arrived on scene:**

- Engine 5;
- Engine 6 (RIC);
- Squad 1;
- Air Cascade;
- Safety Officer; and
- **Battalion Chief still responding and has not yet arrived on scene.**

**Estimated burn time = 12 minutes**





Time: 1539 hours

**Message #5**

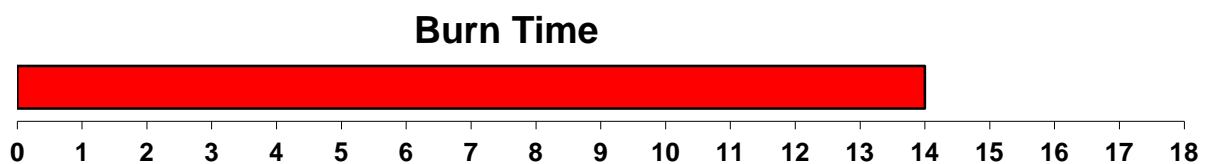
Slide Iteration #3

Engine 1 reports fire extension has been controlled in refinishing area. Need to check roof area for extension.

One firefighter from Engine 1 has slipped on garage floor surface. Appears to have suffered be a serious back injury. Need assistance.

EMS is requesting additional Medical Units for transportation. They now have 10 employees that require further medical treatment and evaluation.

**Estimated burn time = 14 minutes**



Time: 1541 hours

**Message #6**

Slide Iteration #4

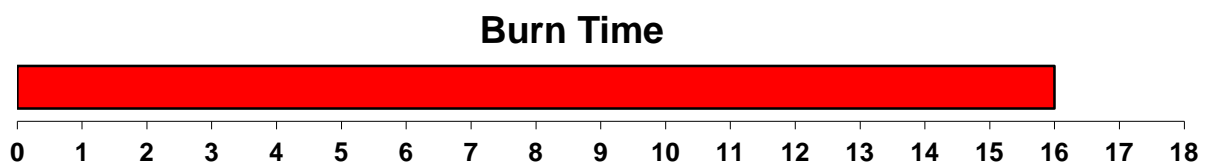
Engine 1 reports no further extension of fire. Need to check structural integrity of roof.

Ladder 1 reports unconscious employee has been found in fabrication area. Suffering from severe burns. Need medical assistance.

Fire appears to have involved several acetylene and oxygen bottles used for cutting purposes. They are 100-pound cylinders.

Continuing to check for further extension.

**Estimated burn time = 16 minutes**



Time: 1542 hours

**Message #7**

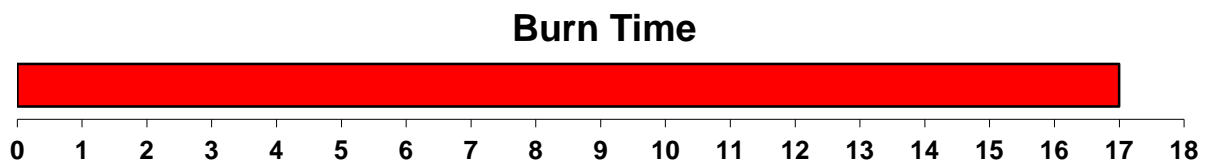
Slide Iteration #4

Further inspection into roof area indicates no major fire or structural damage.

Primary search of first floor has been completed. No further casualties identified.

**Battalion Chief has arrived on scene.**

**Estimated burn time = 17 minutes**



Time: 1543 hours

**Message #8**

Slide Iteration #4

Engine 1 reports no further extension of fire.

Prepare for transfer of Command on ICS Form 201.

**Estimated burn time = 18 minutes**

