



Survival Factors- Crashworthiness Investigation Attachment

Ridley Park Fire Department Incident Report

Ridley Park, PA

RRD25FR006

(7 pages)



Ridley Park Fire Company #1

102 E. Ward Street
Ridley Park, PA 19078

INCIDENT

Incident Number: 250206-144807-RPFC1 Incident Date: 02/06/2025 NFIRS Number: 0000054 Incident Type: (133) - Rail vehicle fire

FDID: 23007 Station: _____ Shift: _____ District: _____

Initial Dispatch Code: _____

Alarms: _____ Working Fire?: _____ COVID-19 was a factor: _____ Critical Incident Team: _____

Temporary Resident Involvement: _____

Hazardous Materials Released: _____

Action Taken 1: (11) - Extinguishment by fire service personnel

Action Taken 2: (53) - Evacuate area

Action Taken 3: (12) - Salvage & overhaul

AID

Aid Given/Received: (1) - Mutual aid received

Aided Agency: _____ Their Incident Number: _____

Aiding Agencies: Prospect Park Fire Co, Tinicum Township Fire Co, Eddystone Fire Company, Holmes Fire Company, Ridley Twp. Fire Co, Norwood EMS, Woodlyn Fire Co, Springfield Fire Co, Aston Township Fire Co, Crozer EMS

LOCATION

Location Type: (4) - Rear of

Address: 440 West Chester Pike, Ridley Park, Pennsylvania, 19078

Cross Street, USNG, or Directions: _____ Latitude: _____ Longitude: _____ Census Tract: _____

Detector Alerted Occupant: _____

Property Use: (951) - Railroad right-of-way Mixed Use: _____

TIMES

PSAP Received	Dispatch Notified Time	Alarm Time 18:01:00, 02/06/2025
Arrival Time 18:05:00, 02/06/2025	Water on Fire Time	At Patient Time
Loss Stop Time	Controlled Time	Last Unit Cleared Time 21:15:00, 02/06/2025
Total On Scene Time 3 hrs 10 mins 0 sec	Total Incident Time 3 hrs 14 mins 0 sec	

COUNTS

Counts Include Aid Received?

No

Suppression:		EMS:		Other:	
Apparatus	Personnel	Apparatus	Personnel	Apparatus	Personnel
2	4	0	0	4	5

LOSS

Property:	Content:
Estimated Property Losses \$0	Estimated Content Losses \$0
Estimated Property Value \$	Estimated Content Value \$

PERSON/OWNER

AUTHORIZATION

Report Writer:

Name	Employee Number	Assignment	Authorization Date
Eckenrode, Michael	9037		

Officer in Charge:

Name	Employee Number	Assignment	Authorization Date
Eckenrode, Michael	9037		

Quality Control:

Name	Authorization Date

INCIDENT NARRATIVE

Arrived on location to find (6) unit Septa passenger train with heavy fire showing from roof area and undercarriage of head unit #132. Train was southbound on track #4. Engineer advised me that pantograph was lowered, and passengers were evacuating toward rear of train. Additional fire and EMS units were summoned to assist with evacuation. Assistance requested from Septa and Amtrak to secure power and stop rail traffic while evacuations were completed. Police and firefighters from Engine 48 cut the fence near rear of train to assist with evacuation.

Crew from Engine 8, Engine 7 and Ladder 48 initiated fire suppression to undercarriage of #132. Crews were able to make access to the interior of #132 and begin interior fire attack. Crews from Engine 12 and RIT 44 provided primary and secondary searches of units #131, 407, 278, 287 and 288.

INCIDENT NARRATIVE

Amtrak officials arrived and initiated shutdown of all lines while evacuation was completed. Power to line #4 was cut and grounded by Amtrak. Once secured, the roof fire on #132 was extinguished. Fire declared under control at 19:19. Command terminated at 20:52.

Notes:

- 1) Officials from Septa and Amtrak were on location.
- 2) Robert Lawton, Road Foreman from Amtrak was in charge of rail operations.
- 3) RPPD coordinated with Septa to have buses dispatched to transport displaced passengers.
- 4) No passenger/crew injuries were reported
- 5) No firefighter injuries reported
- 6) Second train was stopped at Crum Lynne station. Passengers were evacuated to buses. No injuries reported.
- 7) Train consisted of (6) cars: Head unit - #132 followed by 131, 407, 278, 287 and 288.
- 8) Unable to estimate value of loss. Will defer to Septa officials

Addendums:

- 1) Captain Joe Carver had a fall from a ladder during the incident. No injury immediately reported.
- 2) Received notification on 2/7/25 that rail car contained asbestos which caused all firefighters on scene to be exposed. All responding departments were notified. Awaiting official notification of exposure from Septa.

Created By: Eckenrode, Michael

 **Unit Reports**

CHIEF 7

Use (0) - Other	Responding From	Priority
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Response Delays

Dispatch Time 18:01:00, 02/06/2025	Enroute Time 18:03:00, 02/06/2025	Arrival Time 18:05:00, 02/06/2025
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At Patient Time	Clear Time 21:15:00, 02/06/2025	In District Time
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Actions Taken:

Personnel

Michael Eckenrode

ENGINE 7

Use (1) - Suppression	Responding From	Priority
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Response Delays

Dispatch Time 18:01:00, 02/06/2025	Enroute Time 18:08:00, 02/06/2025	Arrival Time 18:11:00, 02/06/2025
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ENGINE 7

At Patient Time	Clear Time	In District Time
_____	21:15:00, 02/06/2025	_____

Actions Taken:

Personnel

Luigi Lazzaro, Evan Markley, Madison Murray

LADDER 7

Use	Responding From	Priority
(1) - Suppression	_____	_____

Response Delays

Dispatch Time	Enroute Time	Arrival Time
18:01:00, 02/06/2025	18:12:00, 02/06/2025	18:18:00, 02/06/2025

At Patient Time	Clear Time	In District Time
_____	21:15:00, 02/06/2025	_____

Actions Taken:

Personnel

Jim Eckenrode

STATION 7

Use	Responding From	Priority
(0) - Other	_____	_____

Response Delays

Dispatch Time	Enroute Time	Arrival Time
18:01:00, 02/06/2025	_____	_____

At Patient Time	Clear Time	In District Time
_____	21:15:00, 02/06/2025	_____

Actions Taken:

Cancelled en route

Personnel

Ryan Eckenrode, Mike King

07-9C

Use	Responding From	Priority
(0) - Other	_____	_____

Response Delays

Dispatch Time	Enroute Time	Arrival Time
18:01:00, 02/06/2025	18:12:00, 02/06/2025	18:16:00, 02/06/2025

07-9C

At Patient Time _____ Clear Time 21:15:00, 02/06/2025 In District Time _____

Actions Taken:

Personnel

Karen Donkin

07-12

Use (0) - Other Responding From _____ Priority _____

Response Delays

Dispatch Time 18:01:00, 02/06/2025 Enroute Time 18:04:00, 02/06/2025 Arrival Time 18:24:00, 02/06/2025

At Patient Time _____ Clear Time 21:15:00, 02/06/2025 In District Time _____

Actions Taken:

Personnel

Joseph Carver

 **Fire Module**

① SITE INFO

Alarms _____ Acres Burned _____ Resident Units In Bldg _____ Buildings Involved _____

Hydrant Identifier _____ Estimated Water Usage _____

🔥 IGNITION

Area of Origin (83) - Engine area, running gear, wheel area

Heat Source (UU) - Undetermined

Item First Ignited (UU) - Undetermined Fire Confined to Item? _____

Type of Material First Ignited _____

Cause of Ignition (5) - Cause under investigation

Factors Contributing to Ignition 1 (UU) - Undetermined

🔥 IGNITION

Human Factors Contributing to Ignition
(N) - None

Est. Age of Person Involved

Gender of Person Involved

🚗 MOBILE PROPERTY

Mobile Property Involved
(3) - Involved in ignition and burned

Type
(31) - Diner car, passenger car

Make
(OO) - Other Make

Model

Year

License Plate Number

State

VIN

Car Stolen?

🏠 STRUCTURE

Structure Type

Stories Above Grade

Stories Below Grade

Building Status

Length

Width

Total Square Feet

Story of Fire Origin

Fire Spread

Item Contributing Most to Flame Spread

Type of Material

Number of Stories with Damage

Minor Damage

Significant Damage

Heavy Damage

Extreme Damage

Total Stories

🛡️ PROTECTIVE SYSTEMS

Presence of Detector

Detector Type

Power Supply

Detector Operations

Effectiveness (/Failure Reason)

Presence of Auto Extinguishing System

System Type

System Operation

of Sprinklers

Reason for System Failure
