



REPLY TO  
ATTENTION OF:

**DEPARTMENT OF THE ARMY  
DIRECTORATE OF EMERGENCY SERVICES  
1060 GAFFNEY ROAD #3800  
FORT WAINWRIGHT, ALASKA 99703-3800**

IMPC-FWA-ES

February 17, 2011

**SUBJECT:** Structure Fire

**LOCATION:** Building 3008

**DATE/TIME:** 17 February / 1147 Hours.

**RESPONDING UNITS:** (901, 902, 903, 905, E-91, E-92, E-93, T-94, M-95,C-97)

**INCIDENT NUMBER:** 11-00495

**SUMMARY:**

- 11:47 - RECEIVED AN AUTOMATIC ALARM AND MULTIPLE 911 CALLS FOR A STRUCTURE FIRE AT BLDG 3008 MONTGOMERY RD, HANGAR 2.
- 1147 - DISPATCHED DELTA RESPONSE
- 1150 - E-91, E-92, T-94, M-95, C-96, 906, 905 ARE ENROUTE TO BLDG 3008
- 1151 - E-91, T-94 ARE ON SCENE AT BLDG 3008
- 1151 - E-91 SMOKE COMING FROM THE WEST END OF HANGAR
- 1152 - C-96, M-95, E-92, 906, 905 ARE ON SCENE AT BLDG 3008
- 1152 - 901, 902, E-93, 903 ARE ENROUTE TO BLDG 3008
- 1154 - 901 - REQUEST MUTUAL AID ENGINE AND PLATFORM FROM CITY FD
- 1155 - 901, 902, 903, E-93 ARE ON SCENE AT BLDG 3008; 901 HAS COMMAND
- 1156 - 905 - REQUEST ENGINE FROM NSVFD
- Crews arrived on scene with heavy smoke and fire showing from the roof line on the West end of building 3008.
- The fire was contained to the center portion of the roof extending approximately 15 feet from center line to the North and South.
- Engine 91 pulled a 2 ½ inch line and entered the building on the North side entry door to the hanger floor and started applying water to the ceiling area where the fire was visible.
- Crash 96 was directed to start applying water from the outside, using their roof turret in order to limit the spread of the fire along the roof.

**INVESTIGATION:**

- During the investigation it was found that the conduit running under the edge of the catwalk floor was pulled apart at a coupling which exposed the wiring inside.
- Without knowing the time frame in which the coupling was pulled apart, it is suggested that during the removal of the dormer which was located above the hanger doors and in close proximity of the conduit, the conduit came apart and damaged the wiring which cause the wires to arch.

The insulation material which has over the years fallen from the walls would have been piled up over the conduit; the insulation material is very dry and would have ignited very easily.

#### **CONTRIBUTING FACTORS AND SAFETY CONCERNS:**

1. The area in which the fire started is in a very unsafe area of the building, the only access to this area is via a catwalk which runs the entire length of the building, the catwalk is unsafe to traverse, due to the danger of getting on the catwalk, the broken conduit would have never been noticed by anyone working in the building nor would the contractors have known that the conduit was damaged and the potential danger was there.
2. Building was constructed in 1942.
3. Wood and insulation materials are very dry.
4. Humidity levels during winter months are very low
5. Contractors doing work on the outside of the building in close proximity to where the fire started.
6. Area of building where fire started is very dangerous and is not inspected due to hazard and potential of catwalk collapse.

#### **FINDINGS/RECOMMENDATIONS:**

#### **ESTIMATED FIRE LOSS COST:**

Government Facility: \$0.00  
Government Contents: \$0.00  
Non-Government Facility: \$25,000  
Non-Government Contents: \$2500

End of Report

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