



**Survival Factors- Crashworthiness Investigation Attachment**

**SEPTA Investigation Photographs**

**Ridley Park, PA**

**RRD25FR006**

**(10 pages)**



Photo 1 Exterior of the undamaged Silver Liner IV car 288 at the maintenance yard.  
(Source: NTSB)



Photo 2 Photograph of the damage to the interior of the Silver Liner IV Car 132 showing the extensive damage to the ceiling and sidewall of the rail car. (Source: NTSB)



Photo 3 Interior of Car 132 and the extensive damage to the ceiling and seats caused by the fire. (Source: NTSB)



Photo 4 Interior of Car 132 showing the extensive damage caused by direct flame impingement and heat during the fire. (Source: NTSB)



Photo 5 Closeup of the damage to one of the rail car windows caused by the intense heat. (Source: NTSB)



Photo 6 Closeup of the damage to the car windows still in their frames caused by the intense heat of the fire. (Source: NTSB)



Photo 7 Photograph of the interior end car door in Car 132 and the damage caused by the fire. (Source: NTSB)



Photo 8 Image of the electronic recorder modules, seen here in Car 131, that are located underneath the mid-car seat in each of the rail cars. (Source: NTSB)



Photo 9 A closeup of one of the electronic modules still bolted to the frame in Car 132 prior to removal by investigators. (Source: NTSB)



Photo 10 A photograph of the electronic recorder module after it was removed from its location underneath the mid-car seat. (Source: NTSB)



Photo 11 A closeup of the second electronic recorder module, in the position found, that was located underneath what remained of the mid-car seat in Car 132. (Source: NTSB)



Photo 12 A closeup of the second recorder module after it was removed from underneath the seat by investigators. (Source: NTSB)



Photo 13 A closeup of the area beneath the mid-car seat where the modules were originally located after both modules were removed. (Source: NTSB)



Photo 14 A Closeup of the electronic equipment located within the mid-car partitions after the exterior structure of the partition was burned away. (Source: NTSB)



Photo 15 A closeup of the mid-car partition that was burned away during the fire exposing the frame of the interior electronic component compartment. (Source: NTSB)



Photo 16 A closeup of the burned partition located the mid-car and adjacent to the seats that was burned completely through the interior of the compartment. (Source: NTSB)



Photo 17 A photograph of the partitions in front and behind the mid-car seats which houses the rail car electronics in the interior space. (Source: NTSB)