



Piecing It All Together

On September 2, 1998, Swissair Flight 111 crashed into the Atlantic Ocean near Halifax, Nova Scotia, killing all 229 passengers. For the next four and a half years, investigators searched through the wreckage seeking answers to what happened. Follow the investigation with this chart. As you watch, fill in the blank areas.

Investigation Chart

Steps Taken	Information Learned	Conclusion Drawn
1 Listened to communications during the emergency.	<i>Smoke was in the cockpit.</i>	<i>Fire may have been the cause of the crash.</i>
2 Analyzed flight data recorder.		
3 Heated paint samples identical to those on Swissair Flight 111.		
4 Studied remnants of kitchen galley.		
5 Noticed melted plastic drip marks on carpet in flight cabin.		
6 Sorted through 240 kilometers of wire.		
7 Retrofitted an MD-11 for smoke and air flow tests.		
8 Conducted flame tests on metallized Mylar.		
9 Conducted flame tests on ventilation end caps.		
10 Studied wiring in computer image of plane.		
11 Found entertainment wire with arc and brackets near wire.		
12 Surveyed all wires near newly found arc wires.		
13 Retraced flight path of Swissair Flight 111.		