

Location

There were 100 passengers

**ThinkReliability** 

Investigate Problems, Prevent Problem

Houston, Texas 281-412-7766 ThinkReliability.com

What Problem(s) When Date, Time

Where

Concorde crash, loss of life, ruptured tire

July 25, 2000, 16:45

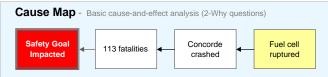
Paris, France, Charles de Gaulle Airport, runway 26R

Crashed into hotel near airport (Gonesse)

Impact to the Goals

113 Fatalities; all 100 passengers, all 9 crew, 4 people on ground Property \$125,000,000

Frequency 1st Concorde lost in 40,000 flights (900,000 hrs) CONCORDE CAUSE MAP



On July 25th, 2000 one of the Concorde supersonic jets crashed near Paris, France killing all 109 people onboard in addition to 4 on the ground. One of the aircraft tires disintegrated during take-off, rupturing a fuel cell. Fuel spilled into the intakes of engines 1 & 2, choking the air flow and shutting them down. The pilot was attempting to circle around and land, but the aircraft could not stay alof with only two of four engines funtioning

Debris, titanium

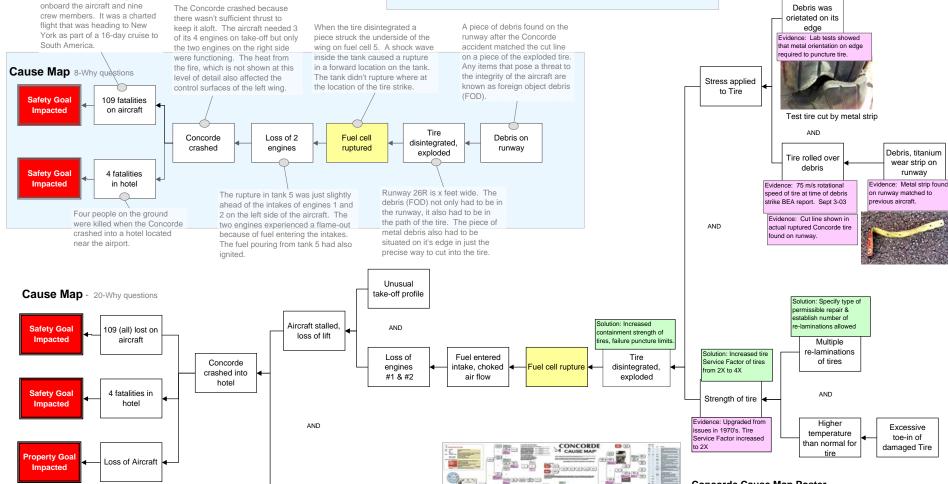
wear strip on

runway

Excessive

toe-in of

damaged Tire



**(49)** 

---8.

Unable to abort

take-off

Concorde

airborne

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## Concorde Cause Map Poster

A detailed analysis of the Concorde accident with 120-Why questions and the recommended solutions from the BEA report. A valuable case study for reviewing risks within your group. Order a poster at www.thinkreliability.com (20" x 36")