

1 Problem

What	Problem(s)	Boeing 747 "Dreamlifter" cargo jet landed at wrong airport
When	Date	November 21, 2013
	Time	Evening
Where	Different, unusual, unique	Dreamlifter is a large aircraft design
	Facility, site	Col. James Jabara, a small commercial airport in Wichita, Kansas
	Task being performed	Landing plane

Impact to the Goals	
Safety	Potential for fatalities
Environmental	N/A
Customer Service	Negative publicity
Regulatory	FAA regulations violated?
Production/ Schedule	Significant delay in plane's schedule
Property/ Equipment	Potential for damage to cargo jet
Labor/ Time	Work required to get plane to correct airport

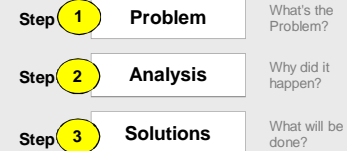
Boeing 747 "Dreamlifter" cargo jet Lands At Wrong Airport

On November 21, 2013, a massive Boeing 747 Dreamlifter cargo jet made national headlines after it landed at the wrong airport near Wichita, Kansas. For a time, the Dreamlifter looked to be stuck at the small airport with a relatively short runway, but it was able to take off safely the next day after some quick calculations and a little help turning around.

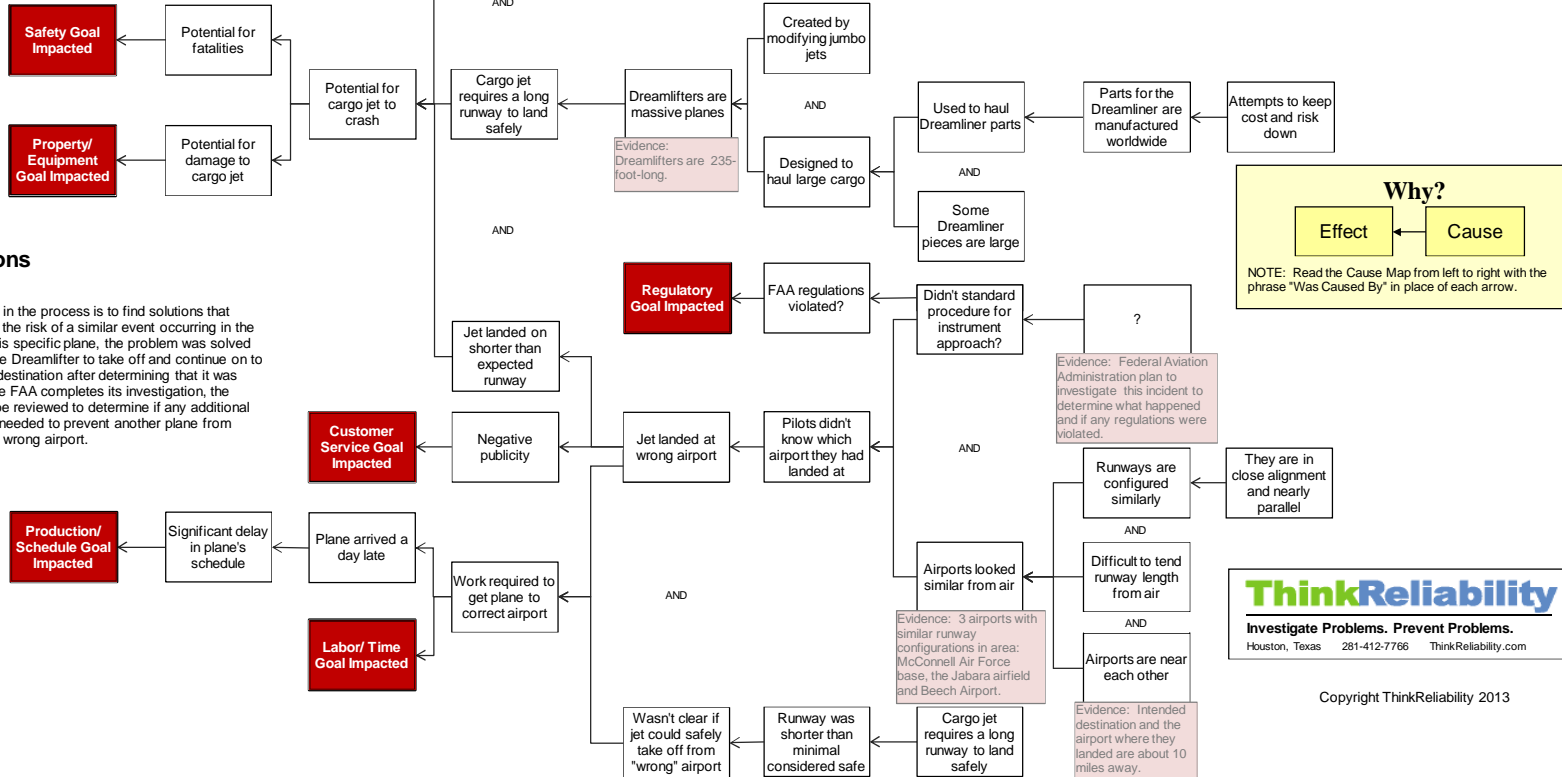
Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

CAUSE MAPPING

Problem Solving • Incident Investigation • Root Cause Analysis



2 Analysis



3 Solutions

The final step in the process is to find solutions that would reduce the risk of a similar event occurring in the future. For this specific plane, the problem was solved by allowing the Dreamlifter to take off and continue on to the intended destination after determining that it was safe. After the FAA completes its investigation, the findings can be reviewed to determine if any additional solutions are needed to prevent another plane from landing at the wrong airport.