



# National Transportation Safety Board Aviation Accident Data Summary

|                                |                                   |                         |            |
|--------------------------------|-----------------------------------|-------------------------|------------|
| <b>Location:</b>               | San Francisco, CA                 | <b>Accident Number:</b> | DCA12CA035 |
| <b>Date &amp; Time:</b>        | 02/03/2012, 1705 PDT              | <b>Registration:</b>    | N912SW     |
| <b>Aircraft:</b>               | BOMBARDIER CL600 2B19             | <b>Injuries:</b>        | 52 None    |
| <b>Flight Conducted Under:</b> | Part 121: Air Carrier - Scheduled |                         |            |

## Analysis

On February 3, 2012, about 1717 Pacific daylight time, SkyWest Airlines flight 6261, a Bombardier CL600-2B19, N912SW, was impacted by a belt loader at San Francisco International Airport, San Francisco, California, while parked at the gate and ready for pushback. There were no injuries to the passengers or crew members onboard and the airplane sustained substantial damage. The flight was operating under the provisions of 14 CFR Part 121 as a scheduled domestic passenger flight to Mahlon Sweet Field Airport, Eugene, Oregon.

After the boarding process was complete, the flight crew was informed that a belt loader had struck the airplane. According to the operator, the driver of the belt loader that had been parked at the rear cargo door believed there was sufficient room between the loader and the airplane to make a forward right turn instead of backing up. However, the front left corner of the loader impacted the airplane during the turn and caused substantial damage to the skin, stringers and a frame.

## Flight Events

Standing - Aircraft servicing event

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the driver's failure to ensure that the belt loader was clear of the airplane before turning.

## Findings

Personnel issues-Action/decision-Action-Incorrect action performance-Ground crew - C

## Pilot Information

|                                  |  |                              |          |
|----------------------------------|--|------------------------------|----------|
| <b>Certificate:</b>              | Airline Transport  | <b>Age:</b>                  | 37       |
| <b>Airplane Rating(s):</b>       | Multi-engine Land; Single-engine Land                                      | <b>Instrument Rating(s):</b> | Airplane |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Instructor Rating(s):</b> | None     |
| <b>Flight Time:</b>              | 12548 hours (Total, all aircraft), 4233 hours (Total, this make and model) |                              |          |

## Co-Pilot Information

|                                  |   |                              |          |
|----------------------------------|---|------------------------------|----------|
| <b>Certificate:</b>              | Airline Transport   | <b>Age:</b>                  | 34       |
| <b>Airplane Rating(s):</b>       | Multi-engine Land; Single-engine Land                                     | <b>Instrument Rating(s):</b> | Airplane |
| <b>Other Aircraft Rating(s):</b> | None  | <b>Instructor Rating(s):</b> | None     |
| <b>Flight Time:</b>              | 6034 hours (Total, all aircraft), 1739 hours (Total, this make and model) |                              |          |

## Aircraft and Owner/Operator Information

|   |                                   |                             |                  |
|---|-----------------------------------|-----------------------------|------------------|
| <b>Aircraft Manufacturer:</b>             | BOMBARDIER                        | <b>Registration:</b>        | N912SW           |
| <b>Model/Series:</b>                      | CL600 2B19                        | <b>Engines:</b>             | 2 Turbo Fan      |
| <b>Operator:</b>                          | SkyWest Airlines                  | <b>Engine Manufacturer:</b> | General Electric |
| <b>Air Carrier Operating Certificate:</b> | Commuter Air Carrier (135)        | <b>Engine Model/Series:</b> | CF34-3B1         |
| <b>Flight Conducted Under:</b>            | Part 121: Air Carrier - Scheduled |                             |                  |

## Meteorological Information and Flight Plan

|   |                          |                                     |                              |
|---|--------------------------|-------------------------------------|------------------------------|
| <b>Observation Facility, Elevation:</b> | SFO, 13 ft msl           | <b>Weather Information Source:</b>  | Weather Observation Facility |
| <b>Conditions at Accident Site:</b>     | Visual Conditions        | <b>Lowest Ceiling:</b>              | Unknown                      |
| <b>Condition of Light:</b>              | Night                    | <b>Wind Speed/Gusts, Direction:</b> | 4 knots, 340°                |
| <b>Temperature:</b>                     | 16° C                    | <b>Visibility</b>                   | 9 Miles                      |
| <b>Precipitation and Obscuration:</b>   |                          |                                     |                              |
| <b>Departure Point:</b>                 | San Francisco, CA (KSFO) | <b>Destination:</b>                 | Eugene, OR (KEUG)            |

## Airport Information

|                             |                                    |                                  |  |
|-----------------------------|------------------------------------|----------------------------------|--|
| <b>Airport:</b>             | San Francisco International (KSFO) | <b>Runway Surface Type:</b>      |  |
| <b>Runway Used:</b>         | N/A                                | <b>Runway Surface Condition:</b> |  |
| <b>Runway Length/Width:</b> |                                    |                                  |  |

## Wreckage and Impact Information

|                            |         |                            |             |
|----------------------------|---------|----------------------------|-------------|
| <b>Crew Injuries:</b>      | 3 None  | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b> | 49 None | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>    | N/A     | <b>Aircraft Explosion:</b> | None        |

## Administrative Information

|                                      |   |                      |            |
|--------------------------------------|---|----------------------|------------|
| <b>Investigator In Charge (IIC):</b> | John W Lovell   | <b>Adopted Date:</b> | 11/19/2015 |
| <b>Note:</b>                         | This accident report documents the factual circumstances of this accident as described to the NTSB.                             |                      |            |
| <b>Investigation Docket:</b>         | <a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82833">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82833</a> |                      |            |

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