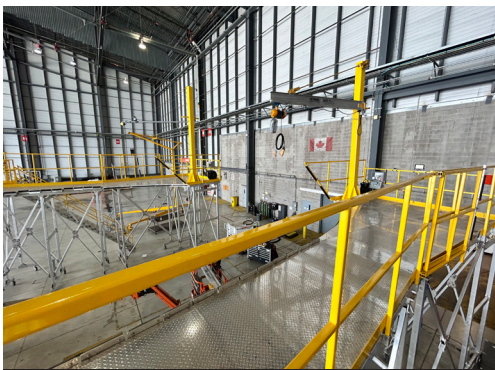




Due to the COVID pandemic, there are fewer personnel that work in maintaining aircraft, which leads to longer repair times, more delays and lost revenue for the airline.

# CASE STUDY



## CHALLENGES

- Slow Repair Times
- Lack of Personnel
- Lifting Heavy Materials
- Employee Safety

## SOLUTION

By incorporated jib cranes to each side of a custom engineered nose dock platform, our team was able to provide a safe and efficient lifting apparatus for windshield changes.

## OVERVIEW

Due to the pandemic, the aviation industry has faced many complications that have made recovery in a post-COVID world difficult.

Because of this, there are much fewer personnel that work in maintaining aircraft, which leads to longer repair times, more delays and lost revenue for the airline.

Needing to boost productivity while also keeping the workspace

Liftsafe Fall Protection engineered nose docks, one for each side of the aircraft, with jib cranes positioned on the end of each. These cranes make the task of replacing aircraft windshields much safer and much more efficient. Typically, this would

**“THE REAL BENEFIT HERE IS SAFETY. THE RISK OF INJURY IS MUCH HIGHER ON LADDERS AND THERE IS A HUGE POTENTIAL TO LOSE STAFFING HOURS TO INJURIES.”**

safe, a major Canadian airline teamed up with Liftsafe Fall Protection to craft a solution for safely performing windshield changes on large aircraft.

require multiple ladders, using poor body mechanics to lift and position, causing injury or damage to the aircraft. On top of that, it would require moving the ladders to adjust to the work environment, which would cause repairs to take a greater amount of time. With the custom nose dock, designed and built by Liftsafe Fall Protection, repair time is significantly cut, allowing for fewer delays and significant revenue recovery for the airline.

“The minimum savings you get from one of these stands is a 20% to 30% reduction in labour costs to change a windshield. Not to mention the cost of damaged equipment or possible injuries.”

—  
**SCOTT LYMAN - DIRECTOR OF AVIATION SALES**