

Problem Statement

Problem Statement

At Alaska Airlines one of the main safety concerns at the moment is that safety issues have been more prevalent when flying to or from small cities in Alaska than when flying in the lower 48 states in the US. Currently, there are 1,600 pilots based in Seattle and 300 pilots based in Anchorage Alaska that are allowed to fly to these remote airports in Alaska. It would be safer to only have pilots from Anchorage fly to these airports in Alaska because there is a smaller group of them which would allow them to have more experience and be more comfortable flying to those airports. This would likely reduce the safety issues that are occurring when flying to and from airports in Alaska. The reason this solution has not been implemented is that pilot scheduling would cost more, and it would be hard to properly allocate a smaller group of pilots to these flights.

Assumptions

Having only pilots based in Alaska fly to and from airports in Alaska would be safer than both pilots based in Seattle and Alaska.

The safety issues are occurring due to pilots not flying to these airports frequently and a lack of experience.