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Northwestern Engineering

The Transportation Center Icarus Society presents.....

“Domestic Airline Pilot Needs for the Next 10 to 20 Years”

Speaker:

Brant Harrison

**First Officer, Skywest Airlines
Owner, Audries Aircraft Analysis, LLC**

Tuesday - May 21, 2013

5:00 pm

Location:

**The Transportation Center
Chambers Hall _ Lower Level
600 Foster, Evanston**

Currently there is great uncertainty and speculation regarding the demand for airline pilots in the United States. Multiple pilot shortages that have been predicted over the last forty years have rarely come to fruition. This research builds a model to identify an alternative probability of pilot supply over the next ten to twenty years.

The two-decade projections for pilot demand, this research finds, is based upon aircraft order information for individual airlines, and expected pilot retirements. This model is applied among mainline and regional carriers. The model forecasts pilot seniority progression and yearly pilot demand among each individual carrier to create an industry overview. It also compares multiple forecasts regarding pilot demand to increase accuracy.

The research has found the need for airline pilots to not be as dramatic as many other reports have indicated. Ultimately, the research questions the industry-wide belief and projection of a "pilot shortage."

Speaker Bio:

A pilot with 5000 hours of flight experience and 6 years in the airlines with a premier regional carrier. Brant is a graduate from BYU in Electrical Engineering with minors in Mathematics and Business Management. He is also the owner of Audries Aircraft Analysis LLC and chief author of Pilot Demand Projections/Analysis for the Next 10 Years which analyzes pilot demand among the United States Part 121 carriers. Currently resides with his family in Houston TX.