

June 2017 Seattle SFTE Chapter Meeting Summary

By Dan Hrehov

On the evening of June 7, 2017, members of the Seattle Chapter met at Raisbeck Aviation High School to conduct a dinner meeting. The purpose of the meeting was twofold, one to view the 9th grade students flight test project results and to allow them to network with flight test professionals. In addition, we all heard a talk about B767 RTO testing highlights from senior flight test engineer Dave Talbot. This is an annual event held at the school as part of the Seattle Chapters STEM Outreach.

Approximately 60 students, faculty, parents and members were on hand to view the twenty plus teams of students presenting their takeoff testing results to SFTE members prior to dinner. Students were set up along the hallway with their poster boards of test results, eager to share with our members. Many members were impressed with the students' knowledge of takeoff testing, the factors that affect the lift equation and how to calculate takeoff distances. Most of the students results fell in line with predictions for changes to flaps, thrust and weight etc. Other variables had interesting results that weren't quite as expected, not an uncommon occurrence that happens in real life flight testing!

After a fine buffet dinner of excellent Chinese food, Seattle Chapter President Ryan Crompton opened the meeting by introducing a student presenting test results of a B52. This was followed by Dave Talbot's interesting presentation on Carbon Brake and RTO testing on the B767. He included a bit of historical context as well as some of the small details to watch out for in doing this type of testing. This was recently presented at the Safety Workshop.

After the presentations, the students asked a series of observant and thoughtful questions to both Dave and the rest of the members ranging from more details on RTO testing to how to become a flight test engineer.

After the event, students, faculty and members enjoyed the technical exchange along with the opportunity to network with professionals. Their ninth-grade teacher was very much appreciative of the chapters willingness to provide this opportunity to his students. Below are some pictures of the event.





