



BIG World *Flyer* Spring 2002

New Goals Achieved

Our May trip to Brookings, Oregon resulted in achieving two goals: introduce a new curriculum and have the local pilot community participate in the instructing. The new curriculum for High School students was a success. We had the opportunity to test the curriculum on two groups of Sophomores and one group of Middle School Students. The major change to our Flight Planning segment was developed by John Dobson. The Brookings Flying Club joined us with display aircraft for all three sessions. The pilots observed and participated in the first two sessions. On Tuesday evening, after the second session, we attended a potluck dinner hosted by Warren and Dee Glaze. This gave us an opportunity to debrief with our new assistants. The support and enthusiasm was incredible. By the end of the debriefing we had a club member assigned to instruct at each station, and a timer to keep everything running smoothly. Wednesday brought us students from the Azalea Middle School. Our new instructors were ready. Working side by side with the club members, we put on one of the best programs I have seen. Thank you Brookings Flying Club.



Our next trip took us back to Eastern Washington. We had received a Grant, thanks to Nona Atwood, to provide an 'Afterschool Program'. Monday afternoon the students arrived at Omak. Even though it was not well attended, the students were enthusiastic. Since the group was small, we did not split them into groups. This gave us the opportunity to have our instructors observe all the stations (a very valuable training session). Tuesday took us to Okanogan Regional Airport. Last year we did not have enough funds or volunteers to provide the program for Okanogan resulting in a promise to Daryl Jacobsen that I would put their school first on the list for this season. We were pleasantly surprised to find a newly paved and extended ramp, new hangars and an updated pilot lounge. The pilots had joined together to make this happen. Their enthusiasm for their airport continued with their assistance with our program. Special thanks go out to Les, Roy and Bix

(the airport manager) for sharing their time and aircraft with the students. Our last program brought us back to Omak. Again we were greeted with enthusiastic students. Thanks to all for another successful season.

Stephanie Allen

Hi Stephanie, Rich, Hal, John & Dan:

Hope you had a pleasant journey home. We all enjoyed working with you while you were here. People in Brookings are talking about the success of your program. If there is a report in today's paper, we'll send it to you. I'm composing a letter of recommendation for you, and have given your address to the school people. Would be interested to hear what you get in written reaction from them. At our club meeting Wed. p.m., they expressed great interest in doing it again next year with much less work on your part. Also, we are considering sending a Brookings' teacher to an aviation course so that aerospace science could be taught here.

Thanks again for all your good work showing us what to do and how to do it.

As ever, Warren & Dee



Thanks to the Brookings Flying Club
May, 2002



Hello my name is Caroline. I loved the field trip to the airport. In my opinion, this was an eye-opening experience for all students. I think that it was a great idea to open up this program. The way you taught us really made a difference. Im sure lots more people will want to be pilots or work anround and airport now.

Thank you so much,
Caroline A.K.A. Charley
Bravo
(unedited, one of many from
Azalea Middle School)

Synopsis of the New Flight Planning Curriculum

The new Flight Planning Module is a combination of two classes with the primary goal of demonstrating the practical application of basic math skills. The first part of the class looks at the relationship between speed, time, distance and fuel burn (gallons per hour) to answer the requirements of a cross country flight plan. The lesson plan is enhanced through the use of the actual FAA Flight Plan Form.



The second part of the class looks at the world in the light of the ancient mariners. Depending on the level of student knowledge we look at the challenges faced by 15th century explorers and how their knowledge of basic math allowed them to navigate the globe. We then translate that knowledge to the navigation / "sectional" charts we use today and how that forms the basic principles of today's Global Positioning Systems (GPS). As part of the interactive teaching, we ask the students to compute the Longitude and Latitude of specific reference points.

John F. Dobson

Letters received from Omak students (unedited)

Dear Big World of Flight,

Thank you very much for letting the fourth grade classes of East Omak Elementary come and see your planes. I'm very sorry that you had to pay for your own gas. I was told that it was not cheap. A couple things I learned and was most impressed with was how they airplanes worked. I also learned that not all airplanes put their wheels down. I thought they all putted their wheels up. I also learned where the gas was stored. I think mabee, only mabee, I might be a pilot when I get older. I learned how to make a plan before take off and how an airplane comes in use. That was the closest I've ever been to an airplane before. What I liked best of all was when the two planes raced. I also learned why there was a controll tower.

Sincerely Shannon

Dear Shannon;

Just to let you know one of the pilots from Okanogan purchased some gas for us.

Stephanie

Dear Big World of Flight

Thank you for letting us come there to Big World of Flight. I learned a lot, like you have to fill out that be piece of paper that asks you what color your plane is and lots of other stuff. All of the planes looked really cool. The one with the parachute looked really fun to ride in. I had lots of fun there. I also learned a whole lot. Have you guys ever had a bird in your plane? That would be scary if you started your plane and there was a bird in there.

Sincerely Brianna

Dear Brianna,

I have never had a bird in my plane. However, a friend of mine had a bird's nest in his horizontal stabilizer. He went flying several times with the young birds in the nest. The parents were very upset each time he went flying. In the end the birds grew up and left the nest. They are probably the only birds I know whose first flight was in an airplane.

Stephanie

Cost of Big World Programs : Help Wanted

In the past we have taken different approaches to funding Big World Flight programs. The original thinking by the founders of the organization was to provide this educational experience at no cost. The funding was to be provided by various supporters including the Boeing Employees Community Fund. We have not always had enough funding to achieve this original thought. We have in the past charged some school districts (who could afford it) a portion of the cost of putting on the programs. Some of our programs in the past have been funded in part by the generosity of the Blue Tarp Foundation. This has never covered the true cost of the programs. Our programs would not be possible without the wonderful volunteer staff that we have been truly blessed to have.

Help us acquire funds! We need an individual that can follow up on several contacts made this year.

Richard P. Jones
V. P. BWF

WWW.BigWorldFlight.org is updated

**Thanks to our Web Master, Margarite Hargrave, our Web Page has a new look.
Thank you Margarite.**

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