

Description of the Product:

For my internship I have made a product consisting of three major parts. I have a short video clip of me flying with my mentor, Kevin Rimel. I am sitting in the co-pilot seat, but I have full control over the yoke controller when we do the maneuvers such as stalls, turns about a point, and gliding. The second section is a PowerPoint consisting of the preflight inspection process, along with facts on becoming a pilot. The third major part of my product is the poster displaying the order of the preflight inspection, which corresponds with the PowerPoint.

Description of Effort:

I spent approximately nine and a half hours working on my final product. I made an outline of everything I wanted my product to display, and the order in which I wanted to present it. The outline was not realistic, because it would have taken me hours to present. I cut it down a bit and put it into the three sections which are outlined in the product description above. A major setback I encountered was during the first time I went to film myself doing a stall. It was a very cloudy day therefore my footage looked as if I was driving in a car the whole time, as opposed to flying a plane. The second try was difficult too because the video camera was switched to camera mode by the “camera man.” I used a webcam for back up and it came in handy. The editing took a lot longer than I thought it would due to the poor quality of the footage. This process was more extensive than I had anticipated, but it was worth the experience.

Product Plan and Production Hours:

- Initial Brain Storm: 1 hour
- Preflight Inspection Power Point: 30 minutes

- Designing Preflight Inspection Poster: 15 minutes
- Videotaping Myself Flying (First Try): 2 hours
- Videotaping Myself Flying (Second Try): 2 hours
- Watching the Video Footage: 45 minutes
- Getting Screen Captures (including editing and printing pictures): 1 hour
- Editing the Video Footage: 2 hours

Product Materials

- Video Camera: I borrowed my dad's video camera but it was not compatible with the audio plug-in in the plane
- Video Camera: I borrowed Mr. Rimel's video camera, but it was switched to picture mode so it only took pictures
- Webcam: I borrowed Mr. Rimel's webcam and it worked to produce my final video clip
- Poster: I had a preflight inspection paper given to me from the Orange County Flight Center, so I took it to Kinko's and had it blown up, mounted on poster board, and laminated (\$57.00 for blowing up the image, mounting the diagram, and thermal lamination of the poster from Kinko's)
- Power Point: I used my laptop and Microsoft PowerPoint. I also borrowed my mom's camera for the pictures in the PowerPoint (\$65.22 for black and color ink cartridges and 24 Lb. paper from Staples)

Learning Stretch:

Throughout my internship I have learned an amazing amount of information that I would have never acquired without the push of the CIBACS program. I learned how to complete a preflight inspection, including each part of the plane I inspect such as the fuselage, static button, ailerons, flaps, and more. I learned different maneuvers such as departure and arrival stalls, one hundred and eighty degree turns, turning about a point (which is a three hundred and sixty degree turn); not only did I learn what these maneuvers are, but I learned how to execute them in the plane. I learned the steps it takes to become a pilot, including the different licenses: Private Pilot's License, Instrument Pilot's License, and Commercial Pilot's License. All the Pilot License Certificates are distributed by the Federal Aviation Administration, also known as the FAA. These facts are just a few things I learned during my internship with my mentor Kevin Rimel.