

Test 3 Reflection

For the first problem I saved it for last because I knew it was going to take the longest because of the spreadsheet set up and iteration. I couldn't complete it before the due date so I should of started with it first. But my assumptions for the flow in the branches were close to the correct answer. I just wish I had more time to prepare the spreadsheet. For the second question I got the right answer I did the iteration by hand, if I used a spreadsheet I could of done it quicker. For three I got the right summary and analysis but solved for it differently. I still said we can use the same manometer range but the h and d will still be lower. For five I didn't get the same velocity as the solution but almost the same R_y with some sig figs off. For number 6 I got the same C_l but read the angle of attack 1 degree off. It was 13 degrees and I read 12 degrees. The table is hard to read off of and only has increments of 5 so we have to eyeball it.

Overall I would grade myself a B. If I were to go back I would of course start with the hardest question which was number 1 and then take care of the easier ones.