The script **Cryo\_Feed\_Line\_Sim.m** will generate the time history plots and the pressure ladder plots for 10 seconds. The code takes an awful lot of time. So, feel free to play around with the time step. The function **Downstream\_P** has the info about the valve Cv, orifice Cv, Area etc, which can be adjusted. The function **mass\_flow\_rate** does just that: calculates mdot for a given set of inputs. **Atomization\_Test** generates the property plots downstream of the injector. If you need more detailed info, send me an email.