**Plan for week of 3/27-4/2**

-Modify CAD to include altered flat end cap (need additional hole for release valve)

-After CAD finalized, send off models to be machined (both designs)

-Test coupons for thermal cycling? (PTFE + Al + CF + Nomex?) (Wed?)

-Liquid Nitrogen for thermal cycling

-Research Masterbond adhesive as a potential substitute/replacement for METLBOND

<http://www.masterbond.com/properties/list-cryogenically-serviceable-epoxy-systems>

(look at both one component and 2 component epoxy systems)

([List of all Cryogenically Servicable Masterbond adhesives](http://www.masterbond.com/properties/list-cryogenically-serviceable-epoxy-systems))

-Get nomex ordered (Alex is calling monday 3/27)

-Get some sort of release valve ordered/purchased

-Acquire ‘gasket theory book’ Russell found to determine preload pressure etc for our gasket (ASME boiler/pressure vessel code 1959)

-PTFE ordered

-Al tube for machining rings:

-acquire fitting for hydro test

-researching release valves (how small can one be feasible? How’s it going to work?)