MEETING MINUTES

# Topic: Meeting with Chuck to discuss design

## Date: April 24, 2018

## Time: 6:00 pm

**Minutes recorded by: Lexie**

**Meeting called by**: All

Attendees: Lexie, Shanna, Israel, Aziz, Chuck

Please bring: Laptops, Notebooks

Table . Record of meeting.

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| TIME BREAKDOWN | **TOPIC / NOTES** | **LOCATION** |
| 6:00 pm – 7:00 ? | Initial Thoughts on Design   * Big and beautiful * 6” centers for plates that bolt to floor * 5/8 bolts * Plate itself is weakest link – make sure to do stress and deflection analysis | EGR 235 |
|  | Heat flux – 200 W/cm^2   * Can come way down * Heat flux about 3-6 inches along running length is what is important * Nose cone heating is important for very small radomes * 1st 2 inches are less important |  |
|  | Benchmarking   * Look at aerospace fixtures only * Wing tests, launch vehicles, aircraft, missiles * AIAA might be helpful |  |
|  | Scheduling   * It’s for us! * Little stuff can go on schedule – try to break things into chunks and estimate how long thigs will take * Feel free to put things on the schedule you’ve already completed to remind you where you’ve been |  |