Challenge 1

Task 1 – Find the 13

* Text analysis – Clare and Matt
  + Mentions of wire / wiring semantic what not
* Tableau/Bi whatever software that breaks out by plane, inspection, and series – Alicia, Nate,
* Clustering based on MAF data – James, Zach,
* Floating/ As needed –Avery
* Refiring of MSP codes over a chunk of time

Task 1a – Get all data in the same time

* Logan

Task 2 – Find the time of resolution in the 13

* Plot Error Code v Time v Aircraft – Zach, James
* Textual Analysis – Clare

Task 2a – plot each aircraft with MSP over time – Alicia

* Overlay/Add in an actions versus time
* Filter by the 13 specifically as well
* Line graph

Task 2b – plot number of MAFs over time per plane

Task 3 – Similarity of Maintenance Actions across the 13

Task 3a – Distinguish 13 to 32

* TF-IDF to distinguish differences between the 13 and the other 32

Task 4 – Distinguish Codes form before and after fix

* TF-IDF
* Discrete analysis

Task 5 – Relate MAF to MSP

Challenge 2

Notes

* PCA
* Take into account that navy data is sometimes flawed

Pick up laptops and chargers

James add github repo

Zach add time code to github

Clare normalize action taken codes

Grab craidl books