

NASA HUNCH Design and Prototype CQ Exhaust Diverter Finalists 2020

Congratulations to the following teams who are invited for the Final Design Review in Houston at Rocket Park on Johnson Space Center April 15, 2020. These pictures are not placed in any type of order and do not reflect any kind of scale or ranking. If you see any mistakes in names or other information, please send me your corrections and I will update each of the lists accordingly. Teams that are listed here should make updates their designs and presentations. Improvements to the prototypes and presentation boards should reflect comments made by the mentors and evaluators at the CDR. I intend for all of the lists to be posted to the HUNCH Design web page and will remain there so students can reference it when applying to schools and universities.

I am very proud of the work everyone has done and wish all of you the best of luck.

Pointers for CQ Exhaust Diverter:

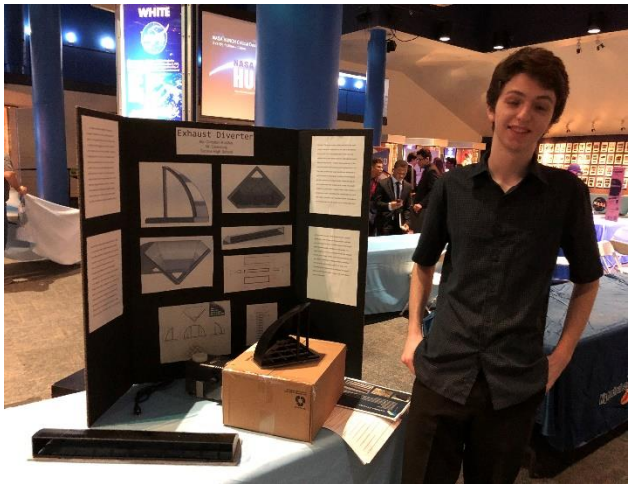
I do not expect this prototype to be made of flight materials but it should be as fully functional as possible. There should not be any cardboard. 3D prints are good but you should move beyond any wood components. Show how you want your diverter to be attached to the existing grill. Make sure there are no sharp edges that could hurt a crew member if the diverter is kicked. Show testing data of the airflow before and after installation of your diverter.



Students: Jonathan Sarasohn
Project: CQ Exhaust Diverter
Teacher: Travis Merritt
Mentor: Flo Gold
School: The Frisch School—New Jersey



Students: James Drye, Jakub Jackson
Project: Exhaust Diverter
Teacher: Nate Olsen
Mentor: Alli Westover, David Schlichting
School: Warren Tech Central—Colorado



Students: Christian Krutilek
Project: Exhaust Diverter
Teacher: Eric Canistorp
Mentor: Glenn Johnson
School: Conroe--Texas