

By: Vasut

H.C.R. No. 57

CONCURRENT RESOLUTION

1           WHEREAS, The Brazoswood High School Goddard Rocket Team  
2 achieved great distinction by setting the world record for flight  
3 altitude achieved by a high school student-researched and designed  
4 hybrid-motor propelled rocket on June 26, 2022, at White Sands  
5 Missile Range in New Mexico; and

6           WHEREAS, Under the able leadership of engineering teacher  
7 Chris McLeod, Goddard 2022 joined top high school competitors from  
8 across the Lone Star State; the team launched its rocket,  
9 HORIZON 1, which measured 18 feet long and weighed 230 pounds, from  
10 ground level, and it reached a peak altitude of 45,482 feet; the  
11 U.S. Army confirmed that the rocket set the high school record,  
12 shattering the previous mark by 9,382 feet to capture the SystemsGo  
13 Kepler Award; and

14           WHEREAS, Established in 2018, the Brazoswood rocket program  
15 is composed of members of the school's Rocketry III class;  
16 throughout the year, students research and test the rocket's design  
17 and construction, taking into consideration such concerns as fuel  
18 type and the size and shape of the rocket; before the competition,  
19 team members developed a comprehensive flight profile using  
20 mathematical and engineering skills to present to NASA flight  
21 engineers; after receiving feedback, they spent a day setting up  
22 their rocket, running tests, and covering protocols to prepare for  
23 the launch; Goddard 2022 was able to watch the record-setting  
24 launch from a location three miles away; and

1           WHEREAS, The Brazoswood rocket team benefited from the  
2 valuable contributions made by each member of the roster: Karim  
3 Elyoussef, Riley Kuhlman, Jase Sandefur, Saylor Sherrodd, Jacob  
4 Markham, Ella Mulholland, Kade Sullivan, Josh Warren, Sarah Laurel,  
5 Tanner Ross, Isaac Deavenport, Kyle Evangelista, Josh Watson,  
6 Cristian Finley, Rory Duncanson, Evan Andress, Ian Humphrey, Noah  
7 Alexander, Austin Morrow, JD Pyle, and Maggie Harr; and

8           WHEREAS, The talented members of the Goddard 2022 rocket team  
9 have distinguished themselves through their hard work and  
10 commitment to excellence, and their accomplishments are a source of  
11 tremendous pride for their school and community; now, therefore, be  
12 it

13           RESOLVED, That the 88th Legislature of the State of Texas  
14 hereby congratulate the 2022 Goddard Rocket Team from Brazoswood  
15 High School on setting the world record for flight altitude by a  
16 student-researched and designed hybrid-motor propelled rocket and  
17 extend to all those involved sincere best wishes for continued  
18 success; and, be it further

19           RESOLVED, That an official copy of this resolution be  
20 prepared for the team as an expression of high regard by the Texas  
21 House of Representatives and Senate.