

By: Sanford

H.R. No. 1618

R E S O L U T I O N

1           WHEREAS, The McKinney High School Flying Lions Rocketry Team  
2 was a preliminary winner at the 2016-2017 NASA Student Launch  
3 challenge in Huntsville, Alabama, which was held from April 5 to 9,  
4 2017; and

5           WHEREAS, Hosted by NASA's Marshall Space Flight Center, the  
6 17th annual NASA Student Launch represented the culmination of  
7 eight months of teamwork by 60 middle school, high school, and  
8 college-level rocketry squads from 23 states; the middle and high  
9 school teams qualified for the competition by finishing among the  
10 top 25 at the Team America Rocketry Challenge in Washington, D.C.,  
11 and their acceptance was based on a proposal detailing their  
12 rocket's design, recovery system, payload, safety measures, and  
13 educational engagement plans; the Flying Lions were one of only  
14 three middle and high school teams selected from Texas, and the  
15 group was named the preliminary winner of the Rocket Fair Display  
16 Award in its division at the Student Launch challenge; and

17           WHEREAS, With advice from engineers at Raytheon and Emerson  
18 Electric, the team completed several technical design reviews via  
19 videoconference with NASA engineers during the school year as the  
20 students progressed through the design and build stages of their  
21 project; the end result was a 10-foot-tall 50-pound rocket that can  
22 reach a speed of 370 miles per hour and an altitude of one mile and  
23 can land safely by parachute for reuse; and

24           WHEREAS, By creating a functional rocket in the NASA Student

1 Launch, the members of the Flying Lions have broadened their  
2 knowledge in the vital areas of science, technology, engineering,  
3 and math while also experiencing the rewards of meeting a  
4 challenging goal, and they may indeed take pride in their  
5 impressive achievement; now, therefore, be it

6         RESOLVED, That the House of Representatives of the 85th Texas  
7 Legislature hereby congratulate the McKinney High School Flying  
8 Lions Rocketry Team on becoming the preliminary winner of the  
9 Rocket Fair Display Award at the 2017 NASA Student Launch and extend  
10 to the team's members sincere best wishes for the future; and, be it  
11 further

12         RESOLVED, That an official copy of this resolution be  
13 prepared for the Flying Lions as an expression of high regard by the  
14 Texas House of Representatives.