



HR0473

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HOUSE RESOLUTION

2 WHEREAS, The members of the Illinois House of
3 Representatives wish to congratulate Grace Christian Academy
4 (GCA) of Kankakee as they travel to Washington, D.C. to compete
5 in the national finals of the 13th annual Team America Rocketry
6 Challenge (TARC) on May 9, 2015; and

7 WHEREAS, The GCA Rocket Team will compete against 99 other
8 qualifying teams, out of 700 from across the United States; and

9 WHEREAS, TARC is the United States aerospace and defense
10 industry's flagship program designed to encourage students to
11 pursue careers in science, technology, engineering, and math
12 (STEM); the competition challenges middle and high school age
13 students to design, build, and fly a rocket to meet specific
14 altitude and flight duration parameters; this year's rules
15 require a rocket carrying a raw egg to reach 800 feet and
16 return it to Earth uncracked within 46 to 48 seconds; and

17 WHEREAS, GCA's Rocket Club is a 100% student led team, in
18 conjunction with Grace Christian Academy's Science Department,
19 which designs and launches rockets; students use a professional
20 design software called Solid Works to engineer rockets and
21 simulate the field readiness before any build session; students
22 are constantly acquiring STEM related experience as they

1 overcome many of the design challenges; and

2 WHEREAS, GCA's Rocket Team will be competing for more than
3 \$60,000 in prizes and scholarships and the opportunity to
4 represent the United States at the International Rocketry
5 Challenge taking place at the Paris International Air Show in
6 June of 2015; therefore, be it

7 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE
8 NINETY-NINTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that we
9 congratulate Grace Christian Academy as they compete in the
10 13th annual Team Rocketry Challenge finals on May 9, 2015; and
11 be it further

12 RESOLVED, That a suitable copy of this resolution be
13 presented to GCA as an expression of our esteem and respect.