

## Team America Rocketry Challenge 2007

### Final Results

| Place | Team # | Team Name                                 | Location            | Motor(s)     | Avg               | Weight<br>(grams) | Length<br>(cm) | Altitude<br>(feet) | Score |
|-------|--------|---|---------------------|--------------|-------------------|-------------------|----------------|--------------------|-------|
|       |        |   |                     |              | Duration<br>(sec) |                   |                |                    |       |
|       |        |   |                     |              | <b>Goal:45</b>    |                   |                |                    |       |
|       |        |   |                     |              | <b>Goal:850</b>   |                   |                |                    |       |
| 1     | 5556   | Newark Memorial High School               | Newark, CA          | 3xD12-7      | 44.14             | 530               | 70             | 851                | 1.86  |
| 2     | 5050   | Madison West High School (Team 2)         | Madison, WI         | G64-10       | 47.42             | 1160              | 101            | 849                | 3.42  |
| 3     | 5666   | W.G. Enloe High School                    | Raleigh, NC         | F20-4        | 42.45             | 516               | 73             | 849                | 3.55  |
| 4     | 5282   | Millington High School                    | Millington, MI      | F39-6        | 45.31             | 420               | 91             | 846                | 4.31  |
| 5     | 5485   | Booker T. Washington High School (Team 2) | Houston, TX         | F24-7        | 42.61             | 450               | 79             | 848                | 4.39  |
| 6     | 5287   | Plantation High School (Team 2)           | Plantation, FL      | 3xD12-7      | 47.14             | 450               | 91             | 845                | 7.14  |
| 7     | 5055   | Mulberry Grove High School                | Mulberry Grove, IL  | F42-8        | 49.15             | 568               | 99             | 853                | 7.15  |
| 8     | 5156   | Lime Kiln Middle School                   | Fulton, MD          | F39-6        | 47.77             | 462               | 97             | 844                | 8.77  |
| 9     | 5088   | Federation of Galaxy Explorers            | Chantilly, VA       | F50-6        | 45.46             | 780               | 114            | 841                | 9.46  |
| 10    | 5438   | Charles W. Flanagan High School           | Pembroke Pines, FL  | F23-4        | 34.78             | 445               | 57             | 850                | 10.22 |
| 11    | 5430   | Middletown High School                    | Middletown, MD      | D12-5,2xB6-6 | 49.34             | 250               | 67             | 856                | 10.34 |
| 12    | 5093   | Frenship High School (Team 1)             | Wolfforth, TX       | F42-4        | 52.19             | 570               | 76             | 854                | 11.19 |
| 13    | 5167   | Los Gatos High School                     | Los Gatos, CA       | F39-7        | 45.54             | 450               | 93             | 861                | 11.54 |
| 14    | 5545   | Longfellow Middle School                  | Falls Church, VA    | E30-4        | 45.28             | 370               | 75             | 862                | 12.28 |
| 15    | 5068   | Washington County 4-H                     | Slinger, WI         | F39-6        | 46.26             | 481               | 62             | 862                | 13.26 |
| 16    | 5286   | Plantation High School (Team 1)           | Plantation, FL      | 3xD12-7      | 46.88             | 500               | 97             | 836                | 15.88 |
| 17    | 5141   | Logan Elm High School                     | Circleville, OH     | G80-7        | 54.66             | 940               | 126            | 843                | 16.66 |
| 18    | 5148   | Seabrook Intermediate School              | Seabrook, TX        | 2xE9-6       | 36.07             | 500               | 87             | 858                | 16.93 |
| 19    | 5371   | Krueger Middle School                     | San Antonio, TX     | F60-4        | 57.14             | 835               | 93             | 845                | 17.14 |
| 20    | 5133   | Flying Tigers 4-H Aerospace Club          | Germantown, MD      | E30-4        | 50.89             | 382               | 78             | 838                | 17.89 |
| 21    | 5374   | Spanish River High School                 | Boca Raton, FL      | F40-4        | 52.33             | 570               | 126            | 861                | 18.33 |
| 22    | 5272   | Harlingen High School South               | Harlingen, TX       | F24-4        | 43.25             | 365               | 81             | 831                | 20.75 |
| 23    | 5126   | North Canton Middle School                | North Canton, OH    | G40-4        | 51.39             | 960               | 90             | 866                | 22.39 |
| 24    | 5119   | Explorer Post 1010 (Team 2)               | Gaithersburg, MD    | F24-4        | 48.53             | 386               | 50             | 831                | 22.53 |
| 25    | 5118   | Explorer Post 1010 (Team 1)               | Gaithersburg, MD    | E18-4        | 41.63             | 354               | 66             | 871                | 24.37 |
| 26    | 5576   | Denton High School JROTC                  | Denton, TX          | G40-4        | 33.33             | 974               | 100            | 837                | 24.67 |
| 27    | 5467   | Shelby Jr. High (Team 3)                  | Shelby Township, MI | G77-7        | 39.50             | 1157              | 97             | 870                | 25.50 |
| 28    | 5244   | Washington Technology Middle School       | Saint Paul, MN      | E30-7        | 57.53             | 310               | 65             | 832                | 30.53 |
| 29    | 5304   | Turner High School                        | Kansas City, KS     | F25-6        | 49.01             | 715               | 103            | 820                | 34.01 |
| 30    | 5178   | Shippensburg High School                  | Shippensburg, PA    | G64-7        | 45.61             | 1190              | 148            | 887                | 37.61 |
| 31    | 5466   | Shelby Jr. High (Team 2)                  | Shelby Township, MI | G54-8        | 43.20             | 882               | 89             | 812                | 39.80 |
| 32    | 5479   | Trinity Preparatory School                | Winter Park, FL     | F25-4        | 74.14             | 720               | 99             | 861                | 40.14 |
| 33    | 5023   | Venture Crew 153                          | Middlesex, NC       | F52-8        | 41.83             | 765               | 91             | 887                | 40.17 |
| 34    | 5456   | Explorer Post 1010 (Team 3)               | Gaithersburg, MD    | E9-6         | 60.86             | 260               | 39             | 825                | 40.86 |

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| 35    | 5183   | Great Commission Academy (Team 1)          | Indianapolis, IN  | F12-5    | 47.42          | 330            | 94          | 889             | 41.42  |
| 36    | 5103   | Dakota County 4-H Federation               | Farmington, MN    | F39-6    | 41.28          | 463            | 64          | 811             | 42.72  |
| 37    | 5559   | Dublin-Scioto High School                  | Dublin, OH        | F50-6    | 42.78          | 776            | 114         | 807             | 45.22  |
| 38    | 5192   | Madison High School (Team 2)               | Madison, OH       | E18-7    | 72.63          | 340            | 54          | 868             | 45.63  |
| 39    | 5288   | Plantation High School (Team 3)            | Plantation, FL    | 2xD12-7  | 50.40          | 332            | 62          | 891             | 46.40  |
| 40    | 5162   | Century High School                        | Bismarck, ND      | F24-7    | 36.17          | 391            | 58          | 889             | 47.83  |
| 41    | 5227   | Francis W. Parker Charter Essential School | Devens, MA        | 2xD12-7  | 56.85          | 340            | 78          | 887             | 48.85  |
| 42    | 5336   | Lloyd C. Bird High School                  | Chesterfield, VA  | 2xD12-7  | 46.33          | 290            | 45          | 801             | 50.33  |
| 43    | 5587   | Boy Scout Troop 143                        | Giddings, TX      | E15-4    | 48.47          | 261            | 59          | 897             | 50.47  |
| 44    | 5114   | Hinsdale Central High School               | Hinsdale, IL      | G77-7    | 48.66          | 1070           | 118         | 899             | 52.66  |
| 45    | 5425   | Booker T. Washington High School (Team 1)  | Houston, TX       | E15-7    | 46.90          | 287            | 66          | 799             | 52.90  |
| 46    | 5234   | California Academy of Math and Science     | Carson, CA        | E18-4    | 52.45          | 370            | 67          | 804             | 53.45  |
| 47    | 5459   | Robert E. Lee High School                  | Staunton, VA      | 2xD12-7  | 43.78          | 410            | 66          | 796             | 55.22  |
| 48    | 5426   | Penn Manor High School (Team 3)            | Millersville, PA  | G64-7    | 24.12          | 1229           | 99          | 885             | 55.88  |
| 49    | 5076   | Madison High School (Team 1)               | Madison, OH       | E18-7    | 65.34          | 360            | 58          | 887             | 57.34  |
| 50    | 5302   | Weare Middle School                        | Weare, NH         | G54-6    | 44.39          | 920            | 95          | 793             | 57.61  |
| 51    | 5018   | Thomas Jefferson High School               | Rockford, IL      | F52-6    | 49.24          | 794            | 97          | 795             | 59.24  |
| 52    | 5001   | Boy Scout Troop 566                        | Warner Robins, GA | F42-8    | 45.55          | 588            | 89          | 909             | 59.55  |
| 53    | 5450   | Marticville Middle School (Team 2)         | Pequea, PA        | G64-7    | 38.52          | 1195           | 99          | 792             | 64.48  |
| 54    | 5014   | Hearty Homers 4-H                          | Cottage Grove, MN | F52-8    | 46.05          | 750            | 111         | 786             | 65.05  |
| 55    | 5306   | Utica High School                          | Utica, MI         | G38-7    | 47.63          | 880            | 115         | 787             | 65.63  |
| 56    | 5373   | Manor Middle School                        | Lancaster, PA     | G64-7    | 38.68          | 1280           | 95          | 790             | 66.32  |
| 57    | 5009   | Long Reach High School                     | Columbia, MD      | 3xD12-3  | 41.98          | 471            | 58          | 784             | 69.02  |
| 58    | 5579   | East Central High School                   | San Antonio, TX   | G80-4    | 55.47          | 860            | 88          | 914             | 74.47  |
| 59    | 5049   | Madison West High School (Team 1)          | Madison, WI       | G64-10   | 38.13          | 1224           | 99          | 780             | 76.87  |
| 60    | 5032   | St. Andrews                                | Park Ridge, IL    | G80-7    | 39.96          | 995            | 113         | 922             | 77.04  |
| 61    | 5322   | N. Mahaska Jr. Sr. High School             | New Sharon, IA    | F52-11   | 38.58          | 699            | 102         | 778             | 78.42  |
| 62    | 5323   | Penn Manor High School (Team 2)            | Millersville, PA  | G64-7    | 39.78          | 1261           | 81          | 773             | 82.22  |
| 63    | 5647   | Harlingen High School                      | Harlingen, TX     | F24-7    | 50.19          | 410            | 69          | 929             | 84.19  |
| 64    | 5091   | The Buckley School                         | Sherman Oaks, CA  | F52-5    | 46.74          | 685            | 100         | 933             | 84.74  |
| 65    | 5040   | Forest Academy                             | Wheaton, IL       | F42-8    | 33.99          | 584            | 70          | 775             | 86.01  |
| 66    | 5171   | Penn Manor High School (Team 1)            | Millersville, PA  | G64-7    | 28.21          | 1199           | 90          | 778             | 88.79  |
| 67    | 5066   | Templeton Middle School                    | Templeton, CA     | G77-7    | 50.23          | 1035           | 147         | 763             | 92.23  |
| 68    | 5574   | Heuvelton Central School                   | Heuvelton, NY     | D12-5    | 40.81          | 167            | 55          | 757             | 97.19  |
| 69    | 5433   | Clear Lake High School                     | Houston, TX       | F39-6    | 44.20          | 437            | 97          | 751             | 99.80  |
| 70    | 5137   | Andover High School                        | Andover, MN       | F42-8    | 43.05          | 500            | 118         | 751             | 100.95 |

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| 71    | 5580   | Medford Area Senior High School (Team 1)       | Medford, WI       | D12-5       | 42.95          | 185            | 58          | 739             | 113.05   |
| 72    | 5620   | Park Vista Community High                      | Lake Worth, FL    | F20-4       | 47.22          | 655            | 82          | 729             | 123.22   |
| 73    | 5369   | Boy Scout Troop 38                             | Hamilton, NJ      | F25-6       | 92.29          | 735            | 81          | 930             | 127.29   |
| 74    | 5569   | Cave Area Rocket Scientist/Munfordville School | Munfordville, KY  | E9-4,2xE9-6 | 33.33          | 895            | 112         | 732             | 129.67   |
| 75    | 5410   | Lloyd C. Bird High School                      | Chesterfield, VA  | 2xD12-7     | 33.51          | 365            | 58          | 722             | 139.49   |
| 76    | 5042   | South Atlanta High School                      | Atlanta, GA       | F25-4       | 50.71          | 586            | 107         | 984             | 139.71   |
| 77    | 5350   | Samson High School                             | Samson, AL        | 3xD12-5     | 44.43          | 575            | 86          | 709             | 141.57   |
| 78    | 5108   | Pete Knight High School                        | Palmdale, CA      | E30-7       | 63.61          | 323            | 93          | 977             | 145.61   |
| 79    | 5308   | James River High School                        | Midlothian, VA    | 2xD12-7     | 39.19          | 345            | 64          | 685             | 170.81   |
| 80    | 5185   | Sacred Heart Model School                      | Louisville, KY    | F42-4       | 51.55          | 390            | 73          | 1049            | 205.55   |
| 81    | 5582   | Medford Area Senior High School (Team 3)       | Medford, WI       | D12-5       | 36.20          | 185            | 53          | 644             | 214.80   |
| 82    | 5184   | Great Commission Academy (Team 2)              | Indianapolis, IN  | E9-6        | 34.41          | 280            | 60          | 643             | 217.59   |
| 83    | 5520   | Boynton Beach Community High School            | Boynton Beach, FL | 2xE9-6      | 29.03          | 516            | 76          | 610             | 255.97   |
| 84    | 5168   | Yough High School (Team 1)                     | Herminie, PA      | F20-7       | 51.99          | 401            | 61          | 1099            | 255.99   |
| 85    | 5368   | Leesville Road High School                     | Raleigh, NC       | D12-0/E9-4  | 21.55          | 363            | 70          | 485             | 388.45   |
| 86    | 5605   | George Washington Carver Academy               | Highland Park, MI | E15-4       | 20.81          | 407            | 68          | 378             | 496.19   |
| 87    | 5083   | Covenant Christian High School                 | Indianapolis, IN  | F42-8       | 49.37          | 455            | 58          | 0               | 854.37   |
| 88    | 5197   | Marticville Middle School (Team 1)             | Pequea, PA        | G64-7       | 38.46          | 1175           | 110         | 0               | 856.54   |
| 88    | 5169   | Yough High School (Team 2)                     | Herminie, PA      | F20-7       | 33.04          | 445            | 72          | 808             | DQ       |
| 88    | 5481   | Lake Braddock Secondary School                 | Burke, VA         | E28-7       | 48.54          | 395            | 47          | 845             | DQ       |
| 90    | 5013   | St. James Catholic School                      | Falls Church, VA  | 3xD12-5     | 28.21          | 470            | 52          | 911             | DQ (Egg) |
| 90    | 5044   | Classical Cottage School                       | White Post, VA    | G64-7       | 25.66          | 1208           | 142         | 880             | DQ (Egg) |
| 90    | 5175   | Wicomico Composite Squadron Civil Air Patrol   | Salisbury, MD     | E9-8        | 19.83          | 360            | 103         | 12              | DQ (Egg) |
| 90    | 5181   | Zion Lutheran Youth Group                      | Fort Wayne, IN    | F60-7       | 42.82          | 830            | 100         | 767             | DQ (Egg) |
| 90    | 5203   | St. Andrew's Academy                           | Lake Almanor, CA  | E9-6        | 26.01          | 275            | 67          | 836             | DQ (Egg) |
| 90    | 5216   | Apple Valley High School                       | Apple Valley, MN  | E9-6        | 54.32          | 261            | 49          | 796             | DQ (Egg) |
| 90    | 5271   | Liberty High School                            | Bealton, VA       | F39-6       | 14.97          | 392            | 66          | 363             | DQ (Egg) |
| 90    | 5395   | Stone Middle School                            | Huntsville, AL    | E9-6        | 0.00           | 246            | 57          | 8               | DQ (Egg) |
| 90    | 5443   | Frenship High School (Team 2)                  | Wolfforth, TX     | F42-4       | 22.80          | 535            | 64          | 829             | DQ (Egg) |
| 90    | 5668   | West Boca Raton High School                    | Boca Raton, FL    | E30-7       | 52.54          | 295            | 61          | 0               | DQ (Egg) |