

# November, 2024

## Superstition Spacemodeling Society Launch Report

By Daniel RJ Rooke

Nice launch with a good crowd and large Scout Troop. Saturday was great weather but it got a bit breezy in the afternoon. Winds rolled in pretty early on Sunday. Not as many flights this year as usual, but there was a good turnout of spectators from the AZ State Fair.

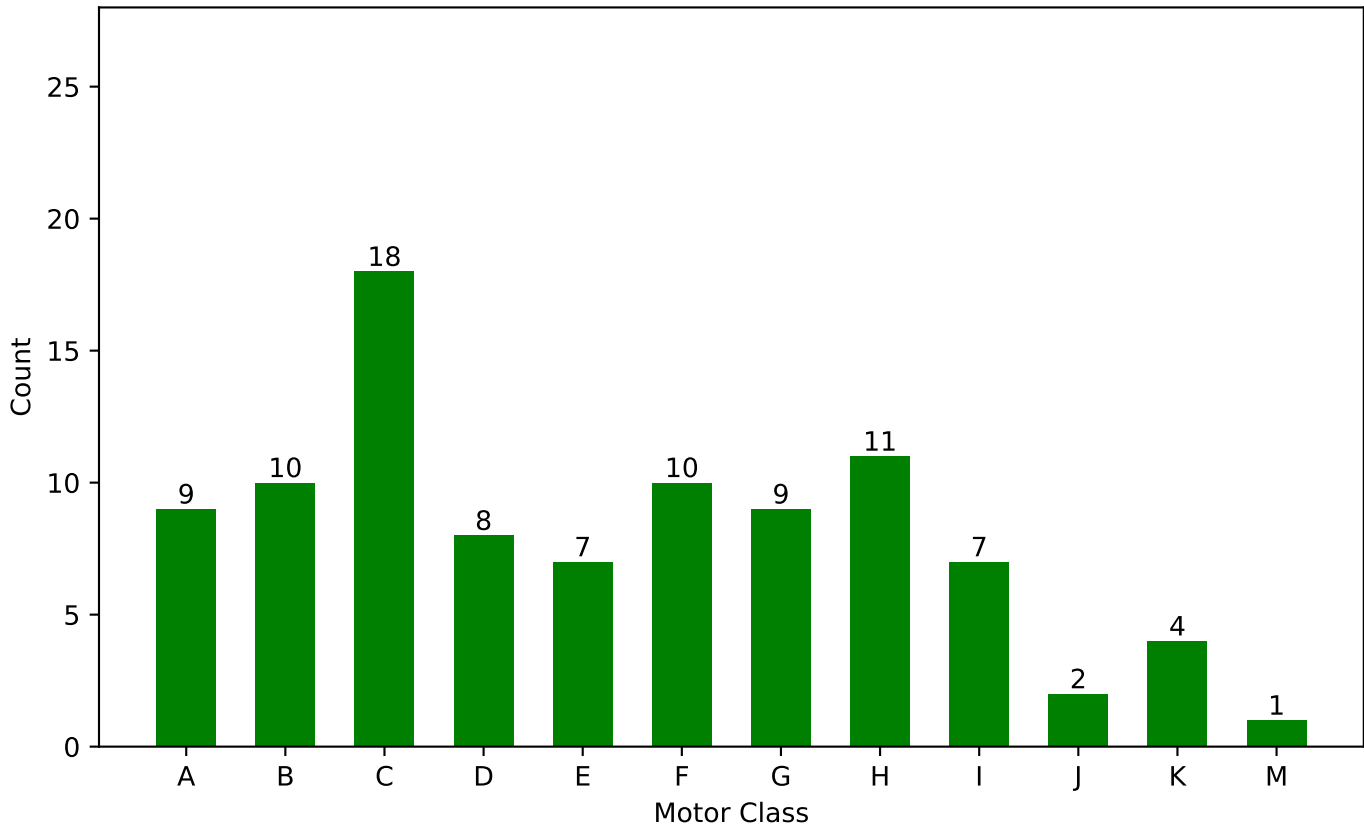
At this launch on 11/01/24, the Superstition SpaceModeling Society had a total of 28 flyers and launched a total of 62 rockets on 89 flights consuming 96 motors. The success rate was 84%. These 89 flights burned up 21,417 Newton-seconds of impulse, which is equivalent to an N class motor.



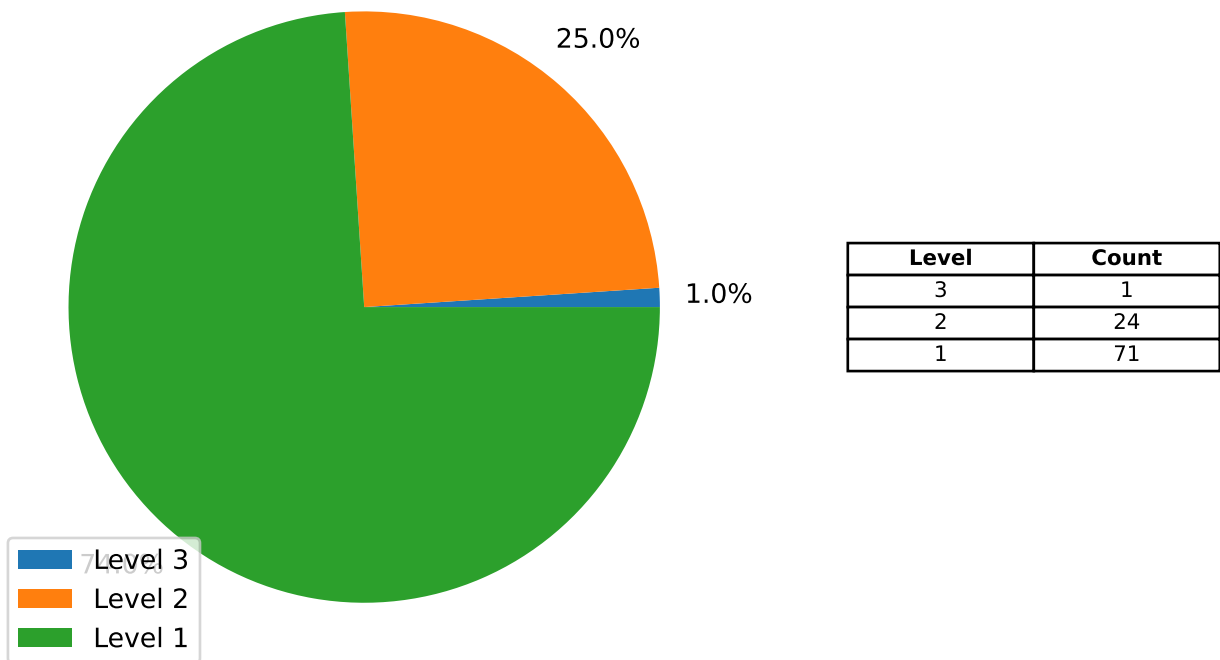
## SSS Board

|                     |                    |
|---------------------|--------------------|
| President           | Guy Smith          |
| Vice President      | David Molinar      |
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| Secretary           | RJ Rooke           |
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| NAR Section Advisor | Nick Estes         |
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| Trustee             | Marc Casanova      |
| Media               | Sophia Smith       |

### Motor Spread



### Flight Certification Level Distribution



A complete list of flyers showing each rocket flown is shown below. If your handwriting sucks, the club is not responsible for the emotional trauma caused by misspelled names:

| Last Name | First Name | Rocket Name       | Cert Flight? | Result | Motor Count | Total Impulse |
|-----------|------------|-------------------|--------------|--------|-------------|---------------|
| Anand     | Aaryan     | Zoomer            | False        | Good   | 1           | 774           |
| Atherton  | Margi      | Puffs Breath      | False        | Good   | 1           | 159           |
| Atherton  | Margi      | Puffs Breath      | False        | Good   | 1           | 119           |
| Bell      | Wyatt      | Athena            | False        | Good   | 1           | 411           |
| Bell      | Wyatt      | Warlock           | False        | Good   | 1           | 806           |
| Bodzin    | Corey      | Jade Iris         | False        | Good   | 1           | 5,417         |
| Bodzin    | Corey      | Silver Streak     | False        | Good   | 1           | 1,874         |
| Bulwer    | Jackson    | Alpha Thunderbird | False        | Good   | 1           | 3             |
| Burnham   | Brad       | Der Big Red Max   | False        | Good   | 1           | 50            |
| Burnham   | Brad       | Der Red Max       | False        | Good   | 1           | 9             |
| Burnham   | Brad       | Goblin            | False        | Good   | 1           | 218           |
| Burnham   | Brad       | initiator         | False        | Good   | 1           | 128           |
| Burnham   | Brad       | Mini AZ           | False        | Good   | 1           | 233           |
| Burnham   | Brad       | Quad Goblin       | False        | Good   | 1           | 17            |
| Burnham   | Brad       | The Arizona       | False        | Good   | 1           | 226           |
| Cannon    | Clark      | 49er              | False        | Good   | 1           | 9             |
| Cannon    | Clark      | 49er              | False        | Good   | 1           | 9             |
| Capra     | John       | Alpha             | False        | Good   | 1           | 9             |
| Capra     | John       | Alpha             | False        | Good   | 1           | 4             |
| Capra     | John       | Mach 1 or Bust    | False        | Good   | 1           | 108           |
| Forbis    | Janeé      | Catalyst          | False        | Good   | 1           | 70            |
| Forbis    | Janeé      | Full Moon         | False        | Good   | 1           | 4             |
| Forbis    | Steve      | Door Knob         | False        | Good   | 1           | 50            |
| Hardy     | Liam       | Atom              | False        | Good   | 1           | 4             |
| Hardy     | Liam       | Hijinks           | False        | Good   | 1           | 5             |
| Hardy     | Liam       | No Name Jane      | False        | Good   | 1           | 3             |
| Hardy     | Liam       | No Name Jane      | False        | Good   | 1           | 3             |
| Hardy     | Liam       | Rascal            | False        | Good   | 1           | 4             |
| Hardy     | Liam       | Rascal But        | False        | Good   | 1           | 4             |
| Hardy     | Liam       | Sky Angel         | False        | Good   | 1           | 3             |
| Kister    | Kitty      | Bandit #1         | False        | Good   | 1           | 1             |
| Kuck      | Kurt       | Kurts Special     | False        | Good   | 2           | 17            |
| Kuck      | Kurt       | Mr Pringles       | False        | Good   | 1           | 17            |
| McAssey   | Jerry      | Deimos            | False        | Bad    | 1           | 42            |
| McAssey   | Jerry      | Dual Glider       | False        | Bad    | 1           | 5             |
| McAssey   | Jerry      | Hornet            | False        | Bad    | 1           | 10            |
| McAssey   | Jerry      | Magnum            | False        | Bad    | 1           | 137           |
| McAssey   | Jerry      | Pylon             | False        | Good   | 1           | 27            |
| McAssey   | Jerry      | Russian Rocket    | False        | Good   | 1           | 42            |
| McAssey   | Jerry      | Space Shuttle     | False        | Good   | 1           | 43            |
| McAssey   | Jerry      | Spire             | False        | Good   | 1           | 26            |
| McAssey   | Jerry      | Spire             | False        | Good   | 1           | 73            |
| McAssey   | Jerry      | Super Chief       | False        | Good   | 2           | 36            |
| McAssey   | Jerry      | Super Chief       | False        | Bad    | 2           | 36            |
| Moore     | Robert     | Mega Mosquito     | False        | Good   | 1           | 42            |
| Moore     | Robert     | Mega Mosquito     | False        | Good   | 1           | 47            |
| Moore     | Robert     | Mega Mosquito     | False        | Good   | 1           | 57            |
| Moore     | Robert     | Mega Mosquito     | False        | Good   | 1           | 34            |
| Moore     | Robert     | Mega Mosquito     | False        | Good   | 1           | 34            |
| Moore     | Robert     | Mega Mosquito     | False        | Bad    | 1           | 17            |

| Last Name  | First Name | Rocket Name          | Cert Flight? | Result | Motor Count | Total Impulse |
|------------|------------|----------------------|--------------|--------|-------------|---------------|
| Moore      | Robert     | T-LOC 2.6            | False        | Good   | 1           | 105           |
| Pelletier  | Bill       | Nike Smoke           | False        | Good   | 1           | 9             |
| Powers     | Rick       | Boyce V2             | False        | Good   | 1           | 17            |
| Powers     | Rick       | Estes Sat-5          | False        | Bad    | 1           | 27            |
| Powers     | Rick       | Gemini/Titan         | False        | Good   | 1           | 17            |
| Powers     | Rick       | V-2                  | False        | Bad    | 1           | 17            |
| Ricketts   | Tyler      | Crimson Dawn         | False        | Good   | 1           | 345           |
| Ricketts   | Tyler      | Crimson Dawn         | True         | Good   | 1           | 217           |
| Ringenberg | Jared      | Oh What a Lovely Day | False        | Good   | 1           | 411           |
| Ringenberg | Jared      | Oh What a Lovely Day | False        | Bad    | 1           | 227           |
| Ringenberg | Jared      | Oh What a Lovely Day | True         | Good   | 1           | 227           |
| Rooke      | Jaxson     | Bandit 1             | False        | Bad    | 1           | 1             |
| Rooke      | Jaxson     | Derecho              | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Derecho              | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Derecho              | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Hijinks              | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Mosquito             | False        | Good   | 1           | 1             |
| Rooke      | Jaxson     | Mosquito             | False        | Good   | 1           | 1             |
| Rooke      | Jaxson     | Sky Writer           | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Sky Writer           | False        | Good   | 1           | 9             |
| Rooke      | Jaxson     | Sky Writer           | False        | Good   | 1           | 9             |
| Rooke      | RJ         | Der Big Red Max      | False        | Good   | 1           | 119           |
| Rooke      | RJ         | Max Pershing         | False        | Good   | 1           | 221           |
| Rooke      | RJ         | Nike Smoke           | False        | Good   | 1           | 312           |
| Shanyfelt  | Randy      | Chainfall            | False        | Good   | 5           | 2,717         |
| Shanyfelt  | Randy      | F-It, Send It        | False        | Good   | 1           | 1,434         |
| Shanyfelt  | Randy      | F-It, Send It        | False        | Good   | 1           | 1,434         |
| Smith      | Guy        | Cherokee D Mini      | False        | Good   | 1           | 3             |
| Smith      | Guy        | Cherokee D Mini      | False        | Good   | 1           | 5             |
| Somebody   | William    | Hijinks              | False        | Good   | 1           | 5             |
| Somebody   | William    | Hijinks              | False        | Good   | 1           | 5             |
| South      | Noah       | Eisenstein           | True         | Good   | 1           | 227           |
| Tasby      | Pyris      | The Midnight Eagle   | False        | Bad    | 1           | 10            |
| Tasby      | Pyris      | The Midnight Eagle   | False        | Good   | 1           | 9             |
| Tasby      | Pyris      | We Bring the Boom    | False        | Bad    | 1           | 10            |
| Wyatt      | Lenny      | Black Bryant II      | False        | Bad    | 1           | 83            |
| Wyatt      | Lenny      | LOC Forte            | False        | Good   | 1           | 286           |
| Ybarra     | Jeff       | Arcas                | False        | Bad    | 1           | 108           |
| Ybarra     | Jeff       | Yellow Jacket        | False        | Good   | 1           | 227           |

## Year-to-date Report

| Last Name        | First Name | Flights | Successful Launches | Attendance | Success Rate | Total Impulse |
|------------------|------------|---------|---------------------|------------|--------------|---------------|
| Chaltraw         | Ben        | 4       | 4                   | 2          | 100.0%       | 20,746        |
| Wise             | Kevin      | 1       | 1                   | 1          | 100.0%       | 14,041        |
| Bodzin           | Corey      | 6       | 5                   | 4          | 83.3%        | 12,641        |
| Weidhaas         | Mark       | 32      | 31                  | 3          | 96.9%        | 6,882         |
| Stafford         | Mike       | 11      | 11                  | 3          | 100.0%       | 5,844         |
| Shanyfelt        | Randy      | 3       | 4                   | 1          | 133.3%       | 5,585         |
| Becker           | Chrisopher | 4       | 3                   | 2          | 75.0%        | 4,894         |
| Smith            | Guy        | 6       | 5                   | 4          | 83.3%        | 4,349         |
| Dorough          | Gary       | 4       | 3                   | 2          | 75.0%        | 3,924         |
| Rooke            | RJ         | 13      | 11                  | 5          | 84.6%        | 3,903         |
| Casanova         | Marc       | 18      | 15                  | 4          | 83.3%        | 3,845         |
| Moore            | Robert     | 18      | 16                  | 4          | 88.9%        | 2,721         |
| Copeland         | Jared      | 30      | 30                  | 4          | 100.0%       | 2,435         |
| Greiner          | Dylan      | 9       | 8                   | 3          | 88.9%        | 2,397         |
| Burnham          | Brad       | 16      | 15                  | 3          | 93.8%        | 2,373         |
| Anand            | Aaryan     | 5       | 4                   | 4          | 80.0%        | 2,255         |
| Becker           | Lyndsey    | 3       | 2                   | 1          | 66.7%        | 2,030         |
| McAssey          | Jerry      | 30      | 27                  | 3          | 90.0%        | 2,006         |
| Team             | ASU        | 1       | 1                   | 1          | 100.0%       | 1,869         |
| Kelley           | Shaun      | 2       | 1                   | 1          | 50.0%        | 1,664         |
| Loman            | Mike       | 5       | 4                   | 3          | 80.0%        | 1,646         |
| Twiss            | Abigail    | 4       | 2                   | 3          | 50.0%        | 1,397         |
| Capra            | John       | 6       | 5                   | 4          | 83.3%        | 1,378         |
| Chou             | William    | 2       | 2                   | 2          | 100.0%       | 1,353         |
| Trafton          | Terry      | 2       | 2                   | 1          | 100.0%       | 1,323         |
| Bell             | Wyatt      | 2       | 2                   | 1          | 100.0%       | 1,217         |
| Shrivastava      | Devyansh   | 2       | 2                   | 2          | 100.0%       | 1,017         |
| Garcia           | Seneca     | 2       | 0                   | 1          | 0.0%         | 1,004         |
| Gavette          | Ryan       | 2       | 2                   | 2          | 100.0%       | 949           |
| Kovalcik         | Robert     | 8       | 8                   | 2          | 100.0%       | 937           |
| Ringenberg       | Jared      | 3       | 2                   | 1          | 66.7%        | 865           |
| Wyatt            | Lenny      | 17      | 11                  | 4          | 64.7%        | 843           |
| Ybarra           | Jeff       | 6       | 5                   | 2          | 83.3%        | 826           |
| Holybetskyi      | Mykyta     | 1       | 1                   | 1          | 100.0%       | 703           |
| Smith            | Sophia     | 1       | 0                   | 1          | 0.0%         | 700           |
| Dorough          | Lyndsey    | 1       | 1                   | 1          | 100.0%       | 607           |
| Copeland         | Caius      | 19      | 21                  | 3          | 110.5%       | 571           |
| Ricketts         | Tyler      | 2       | 2                   | 1          | 100.0%       | 562           |
| Talsani          | Shehzad    | 2       | 2                   | 1          | 100.0%       | 552           |
| Bodyk            | Stephen    | 1       | 1                   | 1          | 100.0%       | 538           |
| Young            | Ed         | 2       | 2                   | 1          | 100.0%       | 497           |
| Rooke            | Jaxson     | 37      | 33                  | 3          | 89.2%        | 496           |
| Cooper           | Guy        | 14      | 14                  | 2          | 100.0%       | 460           |
| Gastaneda-Marque | Luis       | 2       | 0                   | 1          | 0.0%         | 454           |
| Gonzalez         | Ricardo    | 1       | 1                   | 1          | 100.0%       | 408           |
| Forbis           | Steve      | 11      | 11                  | 3          | 100.0%       | 396           |
| O'Rourke         | Sean       | 1       | 1                   | 1          | 100.0%       | 369           |
| Somebody         | Taz        | 2       | 2                   | 1          | 100.0%       | 356           |
| Atherton         | Margi      | 2       | 2                   | 1          | 100.0%       | 278           |
| Schumacher       | Jason      | 3       | 3                   | 1          | 100.0%       | 244           |

| <b>Last Name</b> | <b>First Name</b> | <b>Flights</b> | <b>Successful Launches</b> | <b>Attendance</b> | <b>Success Rate</b> | <b>Total Impulse</b> |
|------------------|-------------------|----------------|----------------------------|-------------------|---------------------|----------------------|
| Chaudhary        | Vineet            | 1              | 1                          | 1                 | 100.0%              | 227                  |
| Hengst           | Anthony           | 1              | 1                          | 1                 | 100.0%              | 227                  |
| South            | Noah              | 1              | 1                          | 1                 | 100.0%              | 227                  |
| Bass             | Paul              | 7              | 6                          | 2                 | 85.7%               | 191                  |
| Jenkins          | Dennis            | 4              | 5                          | 1                 | 125.0%              | 188                  |
| Molinar          | David             | 2              | 1                          | 1                 | 50.0%               | 184                  |
| Cooper           | Linda             | 16             | 16                         | 2                 | 100.0%              | 105                  |
| Copeland         | Aurelia           | 11             | 11                         | 3                 | 100.0%              | 102                  |
| Forbis           | Janeé             | 4              | 4                          | 2                 | 100.0%              | 87                   |
| Page             | Tom               | 7              | 5                          | 1                 | 71.4%               | 87                   |
| Powers           | Rick              | 4              | 2                          | 1                 | 50.0%               | 78                   |
| Kelly            | Liam              | 7              | 7                          | 1                 | 100.0%              | 66                   |
| Fillmore         | Jeffrey           | 1              | 1                          | 1                 | 100.0%              | 41                   |
| Fillmore         | Sam               | 7              | 7                          | 1                 | 100.0%              | 35                   |
| Kuck             | Kurt              | 2              | 2                          | 1                 | 100.0%              | 34                   |
| Copeland         | Sabina            | 5              | 5                          | 1                 | 100.0%              | 31                   |
| Tasby            | Pyris             | 3              | 1                          | 1                 | 33.3%               | 28                   |
| Hardy            | Liam              | 7              | 7                          | 1                 | 100.0%              | 25                   |
| Cannon           | Clark             | 2              | 2                          | 1                 | 100.0%              | 18                   |
| Fillmore         | Steve             | 3              | 3                          | 1                 | 100.0%              | 16                   |
| Copeland         | Perpetua          | 2              | 2                          | 1                 | 100.0%              | 13                   |
| Forbis           | Hailey            | 2              | 2                          | 1                 | 100.0%              | 13                   |
| Somebody         | William           | 2              | 2                          | 1                 | 100.0%              | 10                   |
| Pelletier        | Bill              | 1              | 1                          | 1                 | 100.0%              | 9                    |
| Somebody         | Johnathon         | 1              | 1                          | 1                 | 100.0%              | 4                    |
| Bulwer           | Jackson           | 1              | 1                          | 1                 | 100.0%              | 3                    |
| Kister           | Kitty             | 1              | 1                          | 1                 | 100.0%              | 1                    |