



# Phoenix Model Airplane Club

HAVING FUN WITH MODEL AIRPLANES SINCE 1934 Vol-27 No 1 Jan 2022



**SWR**  
**Jan 15-17, 2022**  
**Eloy, AZ**

**COVER:** John Riese launching a rubber model with perfect form.



Time for the PMAC Big One. Yes it is time for the PMAC biggest contest of our flying season. We may be missing a few regular flyers due to covid related restrictions but I am sure that most will make their best effort to be here and enjoy the flying and comraderie. I will be doing my best to capture some meaningful images of the event for publication in the February PMAC newsletter. Lets hope that you get the cover photo on that issue, but remember you have to be here. See you at the SouthWest Regionals. The editor

Contributing photographers, TG - Tom Gaylor, BB - Brigitte Brocks, unlabeled - the editor

### 2021 Phoenix Model Airplane Club Officers

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## Next Eloy Contest — Jan 15-17 2022

Contest Start Time: 8:00 am

### Map to Webster West Field



# Prez Speaks



Another year for PMAC! I thought it would be nice to list the accomplishments of our club in both recent and past years. Our club members hold several national records in outdoor free flight, here is a list:

2021, Robert Donnelly, F1S

2019, George Morris, Electric A

2019. George Morris, Electric B

1990, Jean Andrews, Autogyro, Cat II

1989, Jean Andrews, Autogyro, Cat I

Several other Andrews family members hold junior records for Autogyro and Ornithopter.

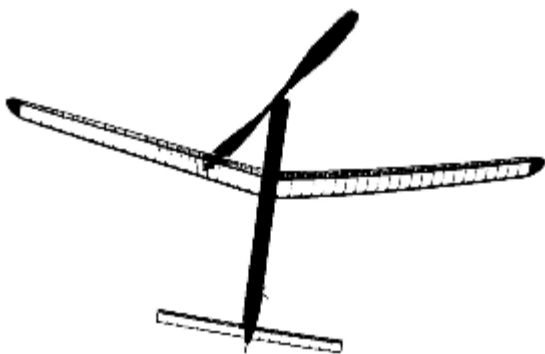
There are presently no record holders for Cat II Moffett, so club members should get busy and capture junior, senior and adult. It costs only \$25 to do this, and the financial rewards are not measureable!

There have been several rule changes for 2022. In E-36, the motor run for flight four has been reduced to five seconds. There are rule clarifications for the electric events. The max for hand launched gliders is now 90 seconds. These rules will be in effect for the 2022 SWR. There will also be a new rule book for FAI. Be sure to read up on these.

The PMAC 2022 flying schedule is out. We need CDs to volunteer for the club monthly contests, first ones to sign up will get their pick of dates. Email me with you choices.

The Southwest Regionals is coming up, please visit [swregionals.org](http://swregionals.org) and pre-register, it helps us with the planning. See you there!

Tom



## The 2021 FAI Arizona FF Championships

The last America's Cup contest of 2021, the FAI AZ Champs, was held on December 4 and 5 at Eloy, Arizona. The COVID-19 pandemic caused the number of contestants to be smaller. Pre-entries by mail had been requested, which helped with getting the registration and fee payments out of the way. In the FAI events we had fliers from 7 states (AZ, CA, CO, NV, OK, TX, UT).



The weather was perfect with cloudless blue skies on both days. The temperature in the mornings on both days was 45°F (7°C) but then warmed up to about 76°F (24°C). The wind speed was 0mph to 7mph (3m/s). Early in the morning we had wind and then again in the afternoon for the fly-offs. But in rounds 3 and 4 it was mostly calm with slight puffs of air in all directions caused by small thermals which made it especially difficult for the glider flyers. It was almost heartbreaking when in round 4 in F1A Mike McKeever covered a lot area circle-towing to find a piece of air. Towards the end of the round he made attempts to launch but could not get enough tension in the line to get the flight started. This resulted in a zero score when the horn blew indicating the end of the round.

In F1A Jasminka and Enes Pecenkovic were the two fliers to max-out. The fly-offs were exciting as both achieved the 6 and 8 minute max. In the 3rd fly-off round Jasminka achieved 526 seconds for 2nd place and Enes making the 10 minutes to win F1A. Jim Farmer placed 3rd in F1A. Congratulations to our Junior Skylar Donnelly who flew very well in F1B and was the winner. Jack Murphy came close to maxing out in F1Q and won, Rich Wegener placed 2nd. In F1C/P we had 2 fliers flying F1P models, Mike Fedor and Bob Hanford. Mike won the event and Bob was 2nd.

Peter Brocks won F1G as he was the only one flying Coupe. In F1H Mike Fedor came out ahead of Jim Farmer who then was 2nd. Mike McKeever was the only entry in F1J - he maxed-out and was 1st in this small FAI power class. We had 6 entries in F1S with 3 fliers being clean after 5 rounds. There were 5 exciting fly-off rounds with the reduced 5 second motor run where Robert Donnelly bested the present F1S National Record. Jack Murphy placed 2nd and George Morris was in 3rd place.

We are all looking forward to having you back in Eloy next year for the Southwest Regionals on January 15, 16, 17.

Peter Brocks, CD

## The 2021 AMA Arizona FF Championships

It appears that many flyers are anxious to get out and fly so our southern Arizona weather has attracted many friends from seven states. Our attendance was down some from pre-covid years but is building back up. The weather for the contest was excellent. There was a slight breeze from the southeast both days, typical for the Webster West Field, but as the air temperature increased the surface inversion broke up; resulting in light and variable conditions and small thermals. We were two hours into the contest on Saturday before the first non-max flight was logged. The main competition was between the power flyers, both gas and electric. Many different events were also flown in glider and rubber. For the first time we had a FAC event flown at this contest. In Embryo, Mike Bower, a long-time PMAC member and FAC enthusiast placed first, Richard Adams placed second, and Kevin McCue placed third. We look forward to adding more FAC events at our contests. Kevin and Richard also placed first and second respectively in P-30 and OT Small Fuselage Rubber. Our biggest contest of the year is coming up in January. Go to [swregionals.org](http://swregionals.org) for information and pre-registration forms. See you there!



.Tom Gaylor, CD

# Arizona Free Flight Championships

## Results

max

\* TopGun score may show zero if the event was not among the first four events flown of the applicable discipline. Club FAI scores are at 60% for first five flights.

| December 2021 contest results    |                       | Flight Time (seconds) |       |       |      |      |      |      |      |      |       | Club Category Score | Club Topgun Score |
|----------------------------------|-----------------------|-----------------------|-------|-------|------|------|------|------|------|------|-------|---------------------|-------------------|
| Contestant Name                  | Event                 | Flt 1                 | Flt 2 | Flt 3 | FO 1 | FO 2 | FO 3 | FO 4 | FO 5 | FO 6 | Total |                     |                   |
| <b>2 minute combo</b>            |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Mike McKeever                    | F1J                   | 120                   | 120   | 120   | 120  | 120  |      |      |      |      | 600   |                     |                   |
| Peter Brocks                     | F1G                   | 120                   | 120   | 105   | 120  | 120  |      |      |      |      | 585   | 4.88                | 4.88              |
| Mike Fedor                       | F1H                   | 111                   | 80    | 120   | 120  | 120  |      |      |      |      | 551   |                     |                   |
| Jim Farmer                       | F1H                   |                       |       | 117   | 120  | 120  |      |      |      |      | 357   | 2.98                | 2.98              |
| Kevin McCue                      | P-30                  | 120                   | 113   | 120   |      |      |      |      |      |      | 353   | 2.94                | 2.94              |
| Rich Adams                       | P-30                  | 120                   | 94    | 120   |      |      |      |      |      |      | 334   | 2.78                | 2.78              |
| Jerry Murphy                     | P-30                  | 120                   | 77    | 120   |      |      |      |      |      |      | 317   |                     |                   |
| Charlie Morris                   | P-30                  | 120                   | 86    | 110   |      |      |      |      |      |      | 316   | 2.63                | 2.63              |
| Bob Hanford                      | P-30                  | 105                   | 120   | 84    |      |      |      |      |      |      | 309   |                     |                   |
| Mike Bower                       | Embyro                | 66                    | 94    | 116   |      |      |      |      |      |      | 276   | 2.30                | 2.30              |
| Jim Kruse                        | P-30                  | 93                    | 72    | 79    |      |      |      |      |      |      | 244   | 2.03                | 2.03              |
| Rich Adams                       | Embyro                | 68                    | 78    | 72    |      |      |      |      |      |      | 218   | 1.82                | 1.82              |
| Shig Saimo                       | P-30                  | 41                    | 51    | 47    |      |      |      |      |      |      | 139   | 1.16                | 1.16              |
| Bruce Grawburg                   | P-30                  | 35                    | 35    | 59    |      |      |      |      |      |      | 129   | 1.08                | 1.08              |
| Kevin McCue                      | Embyro                | 95                    |       |       |      |      |      |      |      |      | 95    | 0.79                | 0.79              |
| <b>3 min FAI combo</b>           |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Enes Pecenkovic                  | F1A                   | 180                   | 180   | 180   | 180  | 180  | 360  | 480  | 600  |      | 2340  | 8.00                | 8.00              |
| Jasminka Pecenkovic              | F1A                   | 180                   | 180   | 180   | 180  | 180  | 360  | 480  | 526  |      | 2266  | 7.88                | 7.88              |
| Jim Farmer                       | F1A                   | 180                   | 180   | 180   | 150  | 180  |      |      |      |      | 870   | 4.83                | 4.83              |
| Skylar Donnelly-Junior           | F1B                   | 180                   | 180   | 180   | 133  | 180  |      |      |      |      | 853   |                     |                   |
| Peter Brocks                     | F1A                   | 180                   | 180   | 180   | 94   | 180  |      |      |      |      | 814   | 4.52                | 4.52              |
| Mike Fedor                       | F1P                   | 132                   | 177   | 172   | 127  | 180  |      |      |      |      | 788   |                     |                   |
| Mike McKeever                    | F1A                   | 180                   | 151   | 180   |      | 180  |      |      |      |      | 691   |                     |                   |
| Bob Hanford                      | F1P                   | 39                    | 160   | 180   | 34   |      |      |      |      |      | 413   |                     |                   |
| Mike Fedor                       | F1A                   |                       |       | 105   |      |      |      |      |      |      | 105   |                     |                   |
| <b>3 min Rubber/Glider Combo</b> |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Bob Hanford                      | Moffett               | 180                   | 240   | 6     |      |      |      |      |      |      | 426   |                     |                   |
| Bob Hanford                      | Large Nos Rubber      | 118                   | 99    | 130   |      |      |      |      |      |      | 347   |                     |                   |
| Kevin McCue                      | Small Nos Rubber      | 122                   | 132   | 69    |      |      |      |      |      |      | 323   | 2.02                | 2.02              |
| Kevin McCue                      | OT Small Fus Rubber   | 97                    | 114   | 99    |      |      |      |      |      |      | 310   | 1.72                | 1.72              |
| Bob Hanford                      | Small Nos Rubber      | 85                    | 76    | 132   |      |      |      |      |      |      | 293   |                     |                   |
| John Riese                       | OT Large Stick Rubber | 110                   | 72    | 65    |      |      |      |      |      |      | 247   | 1.37                | 1.37              |
| Shig Saimo                       | OT Large Stick Rubber | 94                    | 68    | 72    |      |      |      |      |      |      | 234   | 1.30                | 1.30              |
| Rich Adams                       | OT Small Fus Rubber   | 103                   | 129   |       |      |      |      |      |      |      | 232   | 1.29                | 1.29              |

# Arizona Free Flight Championships Results

max

\* TopGun score may show zero if the event was not among the first four events flown of the applicable discipline. Club FAI scores are at 60% for first five flights.

| December 2021 contest results    |                       | Flight Time (seconds) |       |       |      |      |      |      |      |      |       | Club Category Score | Club Topgun Score |
|----------------------------------|-----------------------|-----------------------|-------|-------|------|------|------|------|------|------|-------|---------------------|-------------------|
| Contestant Name                  | Event                 | Flt 1                 | Flt 2 | Flt 3 | FO 1 | FO 2 | FO 3 | FO 4 | FO 5 | FO 6 | Total |                     |                   |
| <b>3 min Rubber/Glider Combo</b> |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Bob Hanford                      | Moffett               | 180                   | 240   | 6     |      |      |      |      |      |      | 426   |                     |                   |
| Bob Hanford                      | Large Nos Rubber      | 118                   | 99    | 130   |      |      |      |      |      |      | 347   |                     |                   |
| Kevin McCue                      | Small Nos Rubber      | 122                   | 132   | 69    |      |      |      |      |      |      | 323   | 2.02                | 2.02              |
| Kevin McCue                      | OT Small Fus Rubber   | 97                    | 114   | 99    |      |      |      |      |      |      | 310   | 1.72                | 1.72              |
| Bob Hanford                      | Small Nos Rubber      | 85                    | 76    | 132   |      |      |      |      |      |      | 293   |                     |                   |
| John Riese                       | OT Large Stick Rubber | 110                   | 72    | 65    |      |      |      |      |      |      | 247   | 1.37                | 1.37              |
| Shig Saimo                       | OT Large Stick Rubber | 94                    | 68    | 72    |      |      |      |      |      |      | 234   | 1.30                | 1.30              |
| Rich Adams                       | OT Small Fus Rubber   | 103                   | 129   |       |      |      |      |      |      |      | 232   | 1.29                | 1.29              |
| John Riese                       | OT Small Fus Rubber   | 39                    | 68    | 72    |      |      |      |      |      |      | 179   | 0.99                | 0.99              |
| <b>AMA/classic Gas</b>           |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Bob Hanford                      | C/D Classic           | 180                   | 180   | 180   | 180  | 180  | 167  |      |      |      | 1067  |                     |                   |
| Ken Kear                         | C/D Classic           | 180                   | 180   | 180   | 180  | 178  |      |      |      |      | 898   | 4.99                | 4.99              |
| George Morris                    | AMA C Pwr             | 180                   | 180   | 180   | 180  | 156  |      |      |      |      | 876   | 4.87                | 4.87              |
| Ken Kear                         | AMA C Pwr             | 180                   | 180   | 180   | 180  | 151  |      |      |      |      | 871   | 4.84                | 4.84              |
| George Morris                    | A/B Classic           | 180                   | 180   | 180   | 180  |      |      |      |      |      | 720   | 4.00                | 4.00              |
| Bob Hanford                      | A/B Classic           | 180                   | 180   | 180   | 104  |      |      |      |      |      | 644   |                     |                   |
| George Morris                    | AMA B Pwr             | 180                   | 180   | 180   |      |      |      |      |      |      | 540   | 3.00                | 3.00              |
| Jim Kruse                        | A/B Classic           | 180                   | 180   | 176   |      |      |      |      |      |      | 536   | 2.98                | 2.98              |
| George Morris                    | C/D Classic           | 180                   | 150   | 180   |      |      |      |      |      |      | 510   | 2.83                | 2.83              |
| Lee Ulinger                      | AMA C Pwr             | 155                   | 163   | 180   |      |      |      |      |      |      | 498   | 2.77                | 2.77              |
| Bob Hanford                      | 1/2A Classic Pwr      | 180                   | 137   | 180   |      |      |      |      |      |      | 497   |                     |                   |
| Jim Kruse                        | AMA B Pwr             | 123                   | 180   | 180   |      |      |      |      |      |      | 483   | 2.68                | 2.68              |
| John Riese                       | A/B Classic           | 180                   | 120   | 150   |      |      |      |      |      |      | 450   | 2.50                | 2.50              |
| Lee Ulinger                      | C/D Classic           | 180                   | 175   | 62    |      |      |      |      |      |      | 417   | 2.32                | 2.32              |
| Robert Donnelly                  | A/B Classic           | 142                   | 103   | 85    |      |      |      |      |      |      | 330   | 1.83                | 1.83              |
| Robert Donnelly                  | C/D Classic           | 120                   | 72    | 83    |      |      |      |      |      |      | 275   | 1.53                | 1.53              |
| Ken Kear                         | A/B Classic           | 108                   |       |       |      |      |      |      |      |      | 108   | 0.60                | 0.60              |
| George Morris                    | AMA 1/2 A Pwr         | 91                    |       |       |      |      |      |      |      |      | 91    | 0.51                | 0.51              |
| <b>Catapult/ HL Glider Combo</b> |                       |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| George Morris                    | CLG                   | 120                   | 120   | 120   | 72   |      |      |      |      |      | 432   | 3.60                | 3.60              |
| George Morris                    | HLG                   | 120                   | 111   | 120   |      |      |      |      |      |      | 351   | 2.93                | 2.93              |
| Charlie Morris                   | CLG                   | 120                   | 120   | 89    |      |      |      |      |      |      | 329   | 2.74                | 2.74              |
| Robert Donnelly                  | HLG                   | 67                    | 120   | 120   |      |      |      |      |      |      | 307   | 2.56                | 2.56              |
| Tim Batiuk                       | HLG                   | 75                    | 120   | 110   |      |      |      |      |      |      | 305   |                     |                   |

# Arizona Free Flight Championships Results

max

\* TopGun score may show zero if the event was not among the first four events flown of the applicable discipline. Club FAI scores are at 60% for first five flights.

| December 2021 contest results       |                 | Flight Time (seconds) |       |       |      |      |      |      |      |      |       | Club Category Score | Club Topgun Score |
|-------------------------------------|-----------------|-----------------------|-------|-------|------|------|------|------|------|------|-------|---------------------|-------------------|
| Contestant Name                     | Event           | Flt 1                 | Flt 2 | Flt 3 | FO 1 | FO 2 | FO 3 | FO 4 | FO 5 | FO 6 | Total |                     |                   |
| <b>Electric</b>                     |                 |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Charlie Morris                      | Electric B      | 120                   | 120   | 120   | 120  | 120  | 120  | 120  | 120  | 14   | 2054  | 17.12               | 17.12             |
| George Morris                       | E-36            | 120                   | 120   | 120   | 120  | 120  | 120  | 120  | 120  | 120  | 1560  | 13.00               | 13.00             |
| Robert Donnelly                     | F1S             | 120                   | 120   | 120   | 120  | 120  | 120  | 180  | 240  | 322  | 1462  | 9.00                | 9.00              |
| Jack Murphy                         | F1S             | 120                   | 120   | 120   | 120  | 120  | 120  | 180  | 240  | 136  | 1276  | 8.45                | 8.45              |
| George Morris                       | F1S             | 120                   | 120   | 120   | 120  | 120  | 120  | 180  | 213  |      | 1113  | 7.89                |                   |
| Jack Murphy                         | F1Q             | 180                   | 180   | 178   | 180  | 180  |      |      |      |      | 898   | 4.99                | 4.99              |
| Jack Murphy                         | E-36            | 120                   | 120   | 120   | 120  | 120  | 120  | 94   |      |      | 814   | 6.78                | 6.78              |
| Jack Murphy                         | Electric A      | 120                   | 120   | 120   | 120  | 120  | 97   |      |      |      | 697   | 5.81                | 5.81              |
| Rich Wegener                        | F1Q             | 104                   | 97    | 180   | 180  | 81   |      |      |      |      | 642   | 3.57                | 3.57              |
| Jerry Murphy                        | F1S             | 120                   | 110   | 120   | 120  | 120  |      |      |      |      | 590   |                     |                   |
| Charlie Morris                      | Electric A      | 120                   | 120   | 120   | 120  | 109  |      |      |      |      | 589   | 4.91                | 4.91              |
| Jack Murphy                         | Electric B      | 120                   | 120   | 120   | 120  | 77   |      |      |      |      | 557   | 4.64                | 4.64              |
| Charlie Morris                      | F1S             | 120                   | 120   | 120   | 111  |      |      |      |      |      | 471   | 3.93                | 3.93              |
| Rich Wegener                        | Electric A      | 120                   | 120   | 120   | 67   |      |      |      |      |      | 427   | 3.56                | 3.56              |
| George Morris                       | Electric A      | 120                   | 120   | 120   |      |      |      |      |      |      | 360   | 3.00                | 3.00              |
| Jerry Murphy                        | E-36            | 116                   | 120   | 120   |      |      |      |      |      |      | 356   |                     |                   |
| Charlie Morris                      | E-36            | 120                   | 120   | 110   |      |      |      |      |      |      | 350   | 2.92                | 2.92              |
| Jerry Murphy                        | Electric A      | 120                   | 116   | 100   |      |      |      |      |      |      | 336   |                     |                   |
| Rich Wegener                        | Electric B      | 110                   | 92    | 120   |      |      |      |      |      |      | 322   | 2.68                | 2.68              |
| George Morris                       | E-20            | 90                    | 90    | 90    |      |      |      |      |      |      | 270   | 3.00                |                   |
| Charlie Morris                      | E-20            | 90                    | 80    | 90    |      |      |      |      |      |      | 260   | 2.89                | 2.89              |
| Jennifer Donnelly                   | E-20            | 90                    | 70    | 90    |      |      |      |      |      |      | 250   |                     |                   |
| <b>Nostalgia Gas / OT Gas Combo</b> |                 |                       |       |       |      |      |      |      |      |      |       |                     |                   |
| Jim Kruse                           | A Nos           | 180                   | 164   | 180   |      |      |      |      |      |      | 524   | 2.91                | 2.91              |
| Mike Fedor                          | FAI Vintage Pwr | 175                   | 168   | 180   |      |      |      |      |      |      | 523   |                     |                   |
| George Morris                       | A Nos           | 180                   | 180   | 145   |      |      |      |      |      |      | 505   | 2.81                | 2.81              |
| Robert Donnelly                     | A Nos           | 180                   | 141   | 63    |      |      |      |      |      |      | 384   | 2.13                | 2.13              |
| Robert Donnelly                     | B Nos           | 83                    | 72    | 180   |      |      |      |      |      |      | 335   | 1.86                | 1.86              |
| John Riese                          | A Nos           | 180                   | 96    |       |      |      |      |      |      |      | 276   | 1.53                | 1.53              |
| John Riese                          | OT A Gas        | 78                    | 106   | 68    |      |      |      |      |      |      | 252   | 1.40                | 1.40              |
| Shig Saimo                          | 020 Replica     | 42                    | 32    | 39    |      |      |      |      |      |      | 113   | 0.63                | 0.63              |
| Shig Saimo                          | A Nos           | 102                   |       |       |      |      |      |      |      |      | 102   | 0.57                | 0.57              |
| Shig Saimo                          | Early 1/2A Nos  | 28                    |       |       |      |      |      |      |      |      | 28    | 0.16                | 0.16              |

## 2021 PMAC Category Champion Standings

| 1 dropped contest                  | Feb  | Mar   | Apr   | May   | Sep  | Oct   | Nov   | Dec   | Total |
|------------------------------------|------|-------|-------|-------|------|-------|-------|-------|-------|
| <b>2 minute Combo</b>              |      |       |       |       |      |       |       |       |       |
| Rich Adams                         |      |       | 2.33  |       | 2.53 | 2.00  | 1.00  | 4.60  | 12.46 |
| Kevin McCue                        |      |       |       |       |      | 2.53  | 5.23  | 3.73  | 11.49 |
| Jim Kruse                          |      |       | 2.79  |       |      | 2.38  | 2.37  | 2.03  | 9.57  |
| Peter Brocks                       |      |       |       |       | 1.15 |       | 0.60  | 4.88  | 6.63  |
| Shig Saimo                         | 1.00 |       |       |       | 0.75 |       | 1.94  | 1.16  | 4.85  |
| Jim Farmer                         |      |       |       |       |      |       |       | 2.98  | 2.98  |
| Charlie Morris                     |      |       |       |       |      |       |       | 2.63  | 2.63  |
| Mike Bower                         |      |       |       |       |      |       |       | 2.30  | 2.30  |
| Tom Gaylor                         |      |       |       |       |      | 1.12  |       |       | 1.12  |
| Bruce Grawburg                     |      |       |       |       |      |       |       | 1.08  | 1.08  |
| Jean Andrews                       |      |       |       |       |      | 0.93  |       |       | 0.93  |
| <b>3 min FAI Combo</b>             |      |       |       |       |      |       |       |       |       |
| Peter Brocks                       | 1.58 |       | 2.57  | 2.59  | 1.63 |       | 2.34  | 4.52  | 15.23 |
| Enes Pecenkovic                    |      |       |       |       |      |       |       | 8.00  | 8.00  |
| Jasminka Pecenkovic                |      |       |       |       |      |       |       | 7.88  | 7.88  |
| Jim Farmer                         |      |       |       |       |      |       | 1.80  | 4.83  | 6.63  |
| Skylar Donnelly                    |      |       |       | 3.00  |      |       | 2.70  |       | 5.70  |
| <b>3 min Rubber/Glider Combo</b>   |      |       |       |       |      |       |       |       |       |
| Kevin McCue                        |      |       |       |       | 4.36 | 5.59  | 2.26  | 3.74  | 15.95 |
| Rich Adams                         |      |       |       |       | 1.98 | 1.18  | 1.93  | 1.29  | 6.38  |
| Shig Saimo                         | 1.91 |       |       | 1.88  | 1.25 |       |       | 1.30  | 6.34  |
| Tom Gaylor                         |      |       | 1.45  |       |      | 1.22  | 0.77  |       | 3.44  |
| John Riese                         |      |       |       |       |      |       | 0.28  | 2.37  | 2.65  |
| Bruce Grawburg                     |      |       | 0.49  |       |      | 0.86  | 1.11  |       | 2.46  |
| Jim Farmer                         |      |       |       |       |      |       | 2.40  |       | 2.40  |
| Jean Andrews                       | 1.73 |       | 0.61  |       |      |       |       |       | 2.34  |
| George Morris                      |      |       |       |       |      | 1.56  |       |       | 1.56  |
| Kent Prescott                      | 0.93 |       |       |       |      |       |       |       | 0.93  |
| <b>AMA/classic Gas</b>             |      |       |       |       |      |       |       |       |       |
| George Morris                      | 3.00 |       |       |       | 3.00 | 6.96  | 11.84 | 15.21 | 40.01 |
| Lee Ulinger                        |      |       |       | 5.00  | 6.94 |       |       | 5.08  | 17.02 |
| Ken Kear                           |      |       |       |       |      |       |       | 10.43 | 10.43 |
| Robert Donnelly                    | 4.68 |       |       |       |      |       |       | 3.36  | 8.04  |
| Jim Kruse                          |      |       |       |       |      |       |       | 5.66  | 5.66  |
| John Riese                         |      |       |       |       | 2.50 |       |       | 2.50  | 5.00  |
| <b>Catapult/ HL Glider Combo</b>   |      |       |       |       |      |       |       |       |       |
| George Morris                      | 4.31 |       | 3.29  | 2.37  | 1.64 | 2.62  | 4.43  | 6.53  | 25.19 |
| Robert Donnelly                    | 4.74 | 1.88  | 1.60  |       | 1.16 |       | 4.09  | 4.35  | 17.82 |
| Charlie Morris                     |      |       |       |       |      | 2.09  |       | 2.74  | 4.83  |
| Lee Ulinger                        |      |       |       |       | 1.29 |       |       | 2.27  | 3.56  |
| Ray Kostuk                         |      |       |       |       | 1.46 |       | 0.79  | 0.85  | 3.10  |
| Skylar Donnelly                    |      |       |       |       |      |       | 1.52  | 1.04  | 2.56  |
| Kevin McCue                        |      |       |       |       |      |       | 1.84  |       | 1.84  |
| Bruce Grawburg                     |      |       |       |       |      |       |       | 1.00  | 1.00  |
| Tom Gaylor                         |      |       |       |       | 0.93 |       |       |       | 0.93  |
| Myra Morris                        |      | 0.88  |       |       |      |       |       |       | 0.88  |
| Allan Mecham                       | 0.80 |       |       |       |      |       |       |       | 0.80  |
| <b>Electric</b>                    |      |       |       |       |      |       |       |       |       |
| George Morris                      | 9.00 | 10.07 | 20.30 | 14.00 | 9.68 |       |       | 26.89 | 89.94 |
| Charlie Morris                     |      | 4.78  |       |       |      | 30.13 |       | 31.76 | 66.67 |
| Robert Donnelly                    |      |       | 25.14 |       | 8.29 |       |       | 9.00  | 42.43 |
| Jack Murphy                        |      |       |       |       |      |       |       | 30.68 | 30.68 |
| Rich Wegener                       |      |       | 10.05 | 2.78  |      |       |       | 9.81  | 22.64 |
| Allan Mecham                       | 7.24 |       | 13.83 |       |      |       |       |       | 21.07 |
| <b>Nostalgia Gas/ OT Gas Combo</b> |      |       |       |       |      |       |       |       |       |
| Robert Donnelly                    |      |       |       |       | 2.17 |       | 3.61  | 3.99  | 9.77  |
| George Morris                      |      |       |       |       |      | 3.86  |       | 2.81  | 6.67  |
| John Riese                         |      |       |       | 0.28  | 4.39 |       |       | 1.53  | 6.20  |
| Jim Kruse                          |      |       |       |       |      |       |       | 2.91  | 2.91  |
| Shig Saimo                         |      |       |       |       |      |       |       | 1.35  | 1.35  |





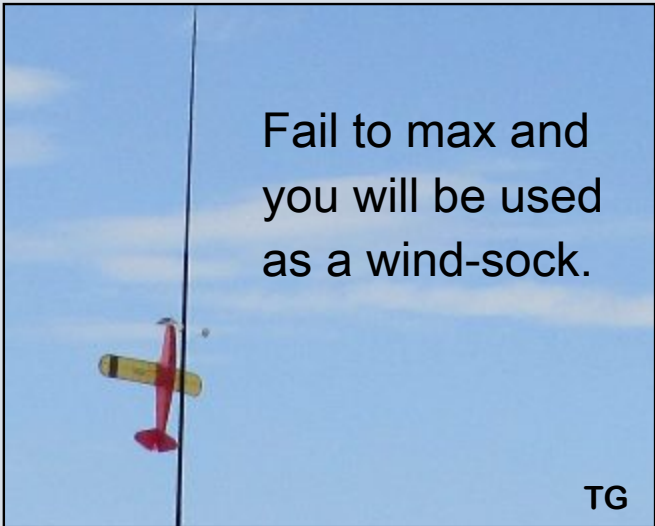
# Arizona Free Flight Championships Photos



# Arizona Free Flight Championships Photos



# Arizona Free Flight Championships Photos



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# Arizona Free Flight Championships Photos

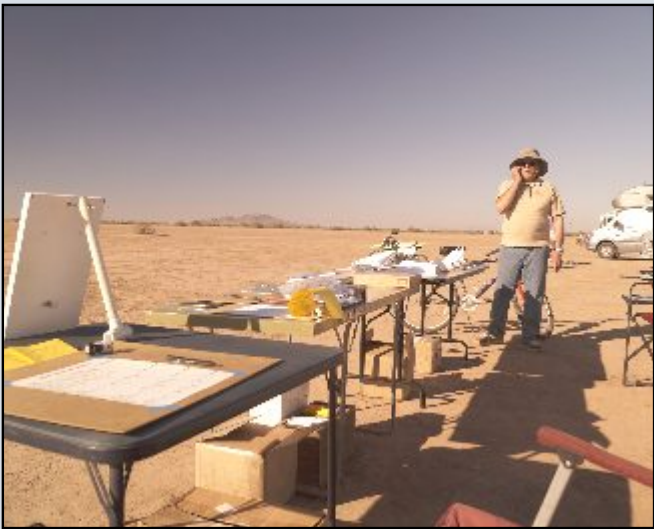


# Arizona Free Flight Championships Photos





# Arizona Free Flight Championships Photos



# Arizona Free Flight Championships Photos





# Arizona Free Flight Championships Results



| Total flight time ranking for AMA / NFFS / FAC events in the December 2021 contest |                  |                  |                  |                 |                  |                |                 |
|--|------------------|------------------|------------------|-----------------|------------------|----------------|-----------------|
| Event  | First Place      | Second Place     | Third Place      | Fourth Place    | Fifth Place      | Sixth Place    | 7th Place       |
| 020 Replica (1)  | Sh. Saimo 113    |                  |                  |                 |                  |                |                 |
| 1/2A Classic Pwr (1)   | Bo. Hanford 497  |                  |                  |                 |                  |                |                 |
| A Nos (5)  | Ji. Kruse 524    | Ge. Morris 505   | Ro. Donnelly 384 | Jo. Riese 276   | Sh. Saimo 102    |                |                 |
| A/B Classic (6)  | Ge. Morris 720   | Bo. Hanford 644  | Ji. Kruse 536    | Jo. Riese 450   | Ro. Donnelly 330 | Ke. Kear 108   |                 |
| AMA 1/2 A Pwr (1)  | Ge. Morris 91    |                  |                  |                 |                  |                |                 |
| AMA B Pwr (2)  | Ge. Morris 540   | Ji. Kruse 483    |                  |                 |                  |                |                 |
| AMA C Pwr (3)  | Ge. Morris 876   | Ke. Kear 871     | Le. Ulinger 498  |                 |                  |                |                 |
| B Nos (1)  | Ro. Donnelly 335 |                  |                  |                 |                  |                |                 |
| C/D Classic (5)  | Bo. Hanford 1067 | Ke. Kear 898     | Ge. Morris 510   | Le. Ulinger 417 | Ro. Donnelly 275 |                |                 |
| CLG (7)  | Ge. Morris 432   | Ch. Morris 329   | Ti. Batiuk 278   | Le. Ulinger 272 | Ro. Donnelly 215 | Ra. Kostuk 102 | Br. Grawburg 73 |
| E-20 (3)   | Ge. Morris 270   | Ch. Morris 260   | Je. Donnelly 250 |                 |                  |                |                 |
| E-36 (4)   | Ge. Morris 1560  | Ja. Murphy 814   | Je. Murphy 356   | Ch. Morris 350  |                  |                |                 |
| Early 1/2A Nos (1)   | Sh. Saimo 28     |                  |                  |                 |                  |                |                 |
| Electric A (5)   | Ja. Murphy 697   | Ch. Morris 589   | Ri. Wegener 427  | Ge. Morris 360  | Je. Murphy 336   |                |                 |
| Electric B (3)   | Ch. Morris 2054  | Ja. Murphy 557   | Ri. Wegener 322  |                 |                  |                |                 |
| Embyro (3)   | Mi. Bower 276    | Ri. Adams 218    | Ke. McCue 95     |                 |                  |                |                 |
| FAI Vintage Pwr (1)  | Mi. Fedor 523    |                  |                  |                 |                  |                |                 |
| HLG (4)  | Ge. Morris 351   | Ro. Donnelly 307 | Ti. Batiuk 305   | Br. Grawburg 47 |                  |                |                 |
| HLG (jr) (1)   | Sk. Donnelly 125 |                  |                  |                 |                  |                |                 |
| Large Nos Rubber (1)   | Bo. Hanford 347  |                  |                  |                 |                  |                |                 |
| Moffett (1)  | Bo. Hanford 426  |                  |                  |                 |                  |                |                 |
| OT A Gas (1)   | Jo. Riese 252    |                  |                  |                 |                  |                |                 |
| OT Large Stick Rubber (2)  | Jo. Riese 247    | Sh. Saimo 234    |                  |                 |                  |                |                 |
| OT Small Fus Rubber (3)  | Ke. McCue 310    | Ri. Adams 232    | Jo. Riese 179    |                 |                  |                |                 |
| P-30 (8)   | Ke. McCue 353    | Ri. Adams 334    | Je. Murphy 317   | Ch. Morris 316  | Bo. Hanford 309  | Ji. Kruse 244  | Sh. Saimo 139   |
| Small Nos Rubber (2)   | Ke. McCue 323    | Bo. Hanford 293  |                  |                 |                  |                |                 |

| Total flight time ranking for FAI events in the December 2021 contest |                        |                    |                |               |                 |              |
|---|------------------------|--------------------|----------------|---------------|-----------------|--------------|
| Event   | First Place            | Second Place       | Third Place    | Fourth Place  | Fifth Place     | Sixth Place  |
| F1A   | E. Pecenkovic 2340     | J. Pecenkovic 2266 | J. Farmer 870  | P. Brocks 814 | M. McKeever 691 | M. Fedor 105 |
| F1B   | S. Donnelly-Junior 853 |                    |                |               |                 |              |
| F1G   | P. Brocks 585          |                    |                |               |                 |              |
| F1H   | M. Fedor 551           | J. Farmer 357      |                |               |                 |              |
| F1J   | M. McKeever 600        |                    |                |               |                 |              |
| F1P   | M. Fedor 788           | B. Hanford 413     |                |               |                 |              |
| F1Q   | J. Murphy 898          | R. Wegener 642     |                |               |                 |              |
| F1S   | R. Donnelly 1462       | J. Murphy 1276     | G. Morris 1113 | J. Murphy 590 | C. Morris 471   |              |



# South West Regional Championships



**Jan 15-17, 2022**  
**Eloy AZ**

visit the web site  
[www.swregionals.org](http://www.swregionals.org) for  
full details & registration

# 2022 Contest Schedules

## South West Regionals January 15-17 2022 Eloy, Arizona

rev draft-A 10/6/2022

### 2022 PMAC / TFFC Outdoor Contest Schedule Eloy AZ

**Start Time**

May, Sept: 7:30 am  
All others: 8:00 am

|                               | Nat'l Cup       | Nat'l Cup       | Nat'l Cup      | Nat'l Cup        | Nat'l Cup     | Nat'l Cup    | Nat'l Cup             | Nat'l Cup                         | America & National Cup |
|-------------------------------|-----------------|-----------------|----------------|------------------|---------------|--------------|-----------------------|-----------------------------------|------------------------|
|                               | President's Cup | St Patty's Bash | I-10 Challenge | Armed Forces Day | Fall Kick-off | Ghost Riders | Armed Forces Memorial | Arizona Free Flight Championships |                        |
|                               | Sun             | Sat             | Sun            | Sat              | Sun           | Sat          | Sun                   | Sat                               | Sun                    |
|                               | Feb 20          | Mar 19          | Apr 24         | May 21           | Sep 18        | Oct 15       | Nov 13                | Dec 3                             | Dec 4                  |
| <b>GAS/ELECTRIC EVENTS</b>    |                 |                 |                |                  |               |              |                       |                                   |                        |
| AMA 1/2 A GAS                 | (Jr) (SO)       | (Jr) (SO)       | (Jr) (SO)      | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             | (Jr) (SO)*                        |                        |
| AMA A/B GAS                   | X               | X               | X              | X                | X             | X            | X                     | A                                 | B                      |
| AMA C/D GAS                   | X               | X               | X              | X                | X             | X            | X                     | D                                 | C                      |
| AMA Classic 1/2A Gas          | (Jr) (SO)       | (Jr) (SO)       | (Jr) (SO)      | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             |                                   | (Jr) (SO)*             |
| AMA Classic AB Combo          | X               | X               | X              | X                | X             | X            | X                     | AB                                |                        |
| AMA Classic CD Combo          | X               | X               | X              | X                | X             | X            | X                     |                                   | CD                     |
| NOS 1/4 A                     | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| NOS 1/2 A GAS                 | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| NOS A GAS                     | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| NOS B/C GAS Combo             | X               | X               | X              | X                | X             | X            | X                     | C                                 | B                      |
| NOS Early 1/2 A Gas           | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| OT .020 REPLICA               | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| OT GAS COMBO                  | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| ELECTRIC COMBO                | X               | X               | X              | X                | X             | X            | X                     | E-36                              | Elect A & B            |
| <b>Rubber Events</b>          |                 |                 |                |                  |               |              |                       |                                   |                        |
| P-30                          | (Jr) (SO)       | (Jr) (SO)       | (Jr) (SO)      | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             | X                                 |                        |
| NOS RUB, Lg & Sm Combo        | X               | X               | X              | X                | X             | X            | X                     | Nos Rub Sm                        | Nos Rub Lg             |
| OT Fus Combo Rubber           | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| OT Stick Combo Rubber         | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| MULVIHILL                     | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| MOFFETT                       | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| <b>FAI Events</b>             |                 |                 |                |                  |               |              |                       |                                   |                        |
| F1A/F1B/F1C/F1P/F1Q Combo     | X               | X               | X              | X                | X             | X            | X                     | F1A,B,C,P,Q                       |                        |
| F1G/F1H/F1J/F1S Combo         | X               | X               | X              | X                | X             | X            | X                     |                                   | F1G,H,J,S              |
| Vintage FAI Power             | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| <b>GLIDER EVENTS</b>          |                 |                 |                |                  |               |              |                       |                                   |                        |
| H. L. GLIDER                  | (Jr) (SO)       | (Jr) (SO)       | (Jr) (SO)      | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             | (Jr) (SO)                         |                        |
| CAT GLIDER                    | (Jr) (SO)       | (Jr) (SO)       | (JR)(SO)       | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             |                                   | (Jr) (SO)              |
| CLASSIC GLIDER                | (Jr) (SO)       | (Jr) (SO)       | (Jr) (SO)      | (Jr) (SO)        | (Jr) (SO)     | (Jr) (SO)    | (Jr) (SO)             |                                   | (Jr) (SO)              |
| <b>FAC Events</b>             |                 |                 |                |                  |               |              |                       |                                   |                        |
| Embryo                        | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| Jimmy Allen/2 Bit + 1 combo   | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| FAC OT rubber stick           | X               | X               | X              | X                | X             | X            | X                     | X                                 |                        |
| FAC OT rubber fuselage        | X               | X               | X              | X                | X             | X            | X                     |                                   | X                      |
| <b>Contest Directors</b>      |                 |                 |                |                  |               |              |                       |                                   |                        |
|                               |                 |                 |                |                  |               |              |                       | Brocks & Gaylor                   |                        |
| <b>Contest Classification</b> |                 |                 |                |                  |               |              |                       |                                   |                        |
|                               | A               | A               | A              | A                | A             | A            | A                     | AA                                | AA                     |

Note: All one day contests will be flown in combined categories. Anything you bring to the field can be flown in one of 7 categories

\*For national cup points, junior AMA & Classic 1/2A Gas are combined

Contest End times May & Sept = 2:00 pm

# KEARSKUSTOMHOBBY

## "TEAM SATELLITE"

Ken & Mary Kear



Email: kearskustomhobby@yahoo.com

Phone: (H) 480-854-3163 MST

As you probably know we are manufacturing the Satellite free flight model in all sizes.

We are also in the process of stocking balsa, aircraft plywood, some specialty hard woods and exclusively Satellite City CA glue products.

We consider ourselves a specialty mail-order shop.



## January 2022

| S               | M               | T  | W  | T  | F  | S               |
|-----------------|-----------------|----|----|----|----|-----------------|
|                 |                 |    |    |    |    | 1               |
| 2               | 3               | 4  | 5  | 6  | 7  | 8               |
| 9               | 10              | 11 | 12 | 13 | 14 | 15 Eloy Contest |
| 16 Eloy Contest | 17 Eloy Contest | 18 | 19 | 20 | 21 | 22              |
| 23              | 24              | 25 | 26 | 27 | 28 | 29              |
| 30              | 31              |    |    |    |    |                 |