



NATIONAL MINIATURE PYLON
RACING ASSOCIATION

The Pylon Racer's Official Voice

NMPRA HIGH PERFORMANCE

NATIONAL MINIATURE PYLON RACING ASSOCIATION • SINCE 1965 • AMA AFFILIATED • February 2019

President's Corner

by Trey Witte

It is a new year!!! The racing season has begun with Winterfest in AZ. While some areas in the nation are still freezing, the South's racing season is under way. The Q40 Classic is upcoming and looking to be great contest. Wrap up those projects and scope out the calendar below and get to a race!!! The calendar is the fullest I have seen in many years.

NMPRA Secretary/Treasurer

It is with regret to inform everyone that Scott Hartman will be stepping down as the Secretary/Treasurer of the NMPRA. Scott has done a great job keeping me on track and pointing in the right direction. Please take time when you see Scott to thank him for all his hard work keeping the NMPRA afloat!

We will be taking nominations for the Secretary/Treasurer position until September this year. If you have the time and

desire to step up and support the NMPRA, let me know.

District 8 VP

District 8 has a new Vice President! Gordon McWilliams has taken the position. See below to get Gordon's contact information. Thank you, Gordon, for stepping up!!

424 Points Coordinator

I am still on the lookout for a volunteer to take over keeping the 424 points. If you have a few lonely hours that are free, I have a great opportunity for you. Contact me if you are interested.

Racing Calendar

As we begin this year, Contest Directors are getting their plans together for their races. I urge all CD's to consult with Mike Helsel to make sure that we do not have conflicts in the schedule. Some things are going to happen. That's inevitable. But Mike will do his best to keep those issues to a minimum.

2018 National season points & awards

The numbers have been crunched!!! Congratulations to the following guys for placing 1st in their respective classes. The final standings are below in the points section. The awards will be made and sent out in March.

AMA 424 – Jim Nikodem

NMPRA EF1 – Jim Nikodem

AMA 426 – Dub Jett

AMA 422 – Matthew Fehling

2019 Team USA F3D & F5D

The FAI has decided to group the two pylon classes together this year. Both teams will be traveling to Australia in August. Show your support for the 2019 Teams by making a donation from the button on the NMPRA main website. Your support is appreciated.

Hall of Fame Nominations

The open nomination period for 2019 has begun. The NMPRA will accept nominations for 5 more months. The forms are on the main website. If you need any help with this, please contact me at any time.



2019 AMA Nationals

Plans are well underway for a great contest in Muncie, IN. The AMA will be sending out entry forms soon. The dates are different from last year. Make sure you look it up when making reservations. See the Forum for the daily schedule of the events. I will be starting a list for the tent soon. BOOK YOUR HOTEL NOW!!!!!! Do not wait. Muncie is a bustling city in

July. Hotels are filling up fast. If all fails, you can come set a tent up next to me!!

2019 NMPRA Q40 Championship race

This year's Champ Race will be held at the Old Julian Airport. The flyer and other information will be posted on the forum soon. Keep a look out. I am looking forward to this being a great race.

Final Thoughts

If the last 30 days are any indication of how my year will go... It has already been a busy year. I am looking forward to the coming months.

Until next time....
Pull Harder!!

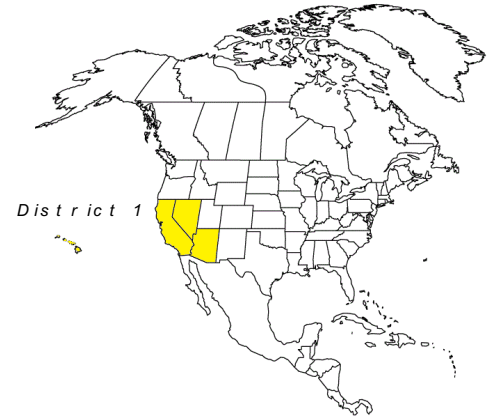
Trey



DISTRICT NEWS

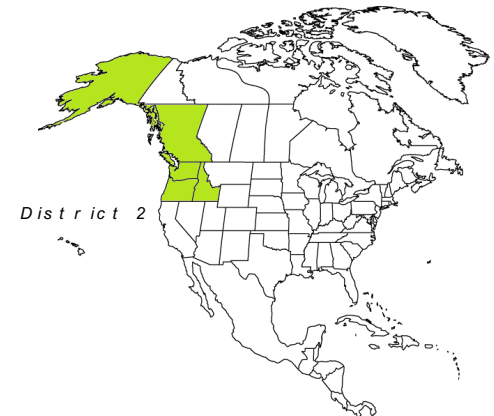
District 1: Tom Hegland

No article submitted for publication.



District 2: Matt Russell

No article submitted for publication.



High Performance Information

Information Submittal

High Performance is published 6 times per year. Information for publication can be forwarded to:

Newsletter Editor
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 5251 Hermitage Drive
 Powder Springs, GA 30127
 770-421-8838
 brogdonlh@comcast.net

If possible, please submit information in Microsoft Word format

Race Announcement Policy

High Performance will publish announcements of upcoming races free of charge, on first come, and space available basis. Also, camera ready copy no larger than 7.5" wide by 2.5" high (border dimension). Copy must be received by the Editor no later than the 25th of the month preceding newsletter publication.

Advertising Rates

Rates are for camera ready artwork. Artwork, composition and typesetting will be charged at cost. Printable are 7.5"x10", lpi=133, halftone permitted. Ads for upcoming issues must be received by no later than the 25th of the month preceding newsletter publication.

Description	Size	Single	Annual
Full Page	7.5" x 10"	\$50	\$275
1/2 Page	7.5" x 5"	\$35	\$180
1/4 Page	7.5" x 2.5"	\$20	\$95
Business Card	3.625"x 2.375"	\$10	\$45



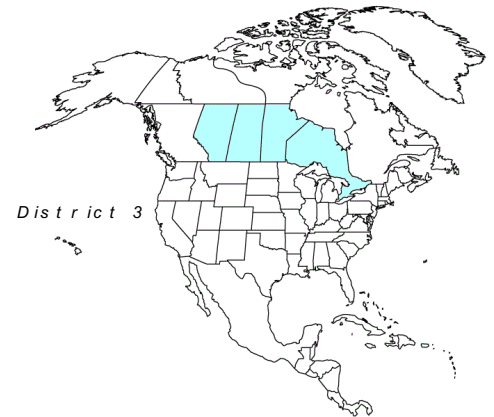
DISTRICT NEWS

District 3: Randy Smith

Nothing to report. Snow here!

Randy Smith

Pylon.guy@shaw.ca





DISTRICT NEWS

District 4: Travis Elbert

Hello fellow NMPRA members,

I see that there is a heated discussion going on about rules (or lack of rules) again. Sadly this occurs on a regular basis within any competitive sport.

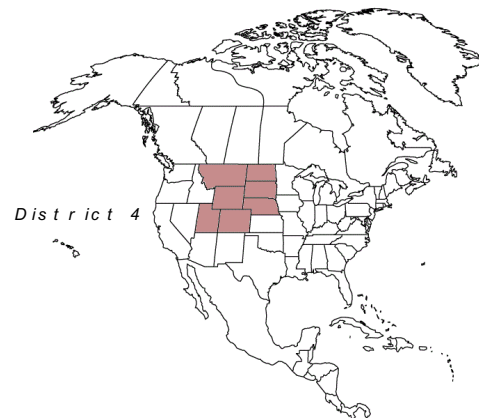
There is no reason to dredge up decisions made in the past on classes or rules; that being said, we can and should reflect on how those mistakes were made and the best possible way to prevent the unintended consequences from happening again.

First, when an issue appears, it needs to be addressed and discussed and a proposal to fix it put forth. The fact that the light/cut issue still surfaces all the time is ridiculous; it should have been addressed in the rules by now.

Second, as technology advances, it will have to be addressed through rules rather than omission; not addressing new technology leads to ambiguity within the rules and creates the issues we are seeing now.

Third, the rule-making body should make every effort to get a general consensus on rule and class changes. You cannot please everyone, but our members have a right to be heard and to get a reasonable explanation for the choices that are made.

All competitors bring their own skill set; some have natural talent for flying, some for plane set up, some for building skills, some with their pocketbook, and some with tenacity. All pilots meld their skill sets to their advantage; that's competition. Having set rules allows the racers to maximize their skill set and focus on competition. Ambiguous rules or rules by omission reduce our focus and our enjoyment (unless you're a pure bureaucrat).



I usually make it a point not to interject my opinions in classes I don't compete in, but some issues we have are not class based but affect racing as a whole.

District 4 VP
TRAVIS A ELBERT



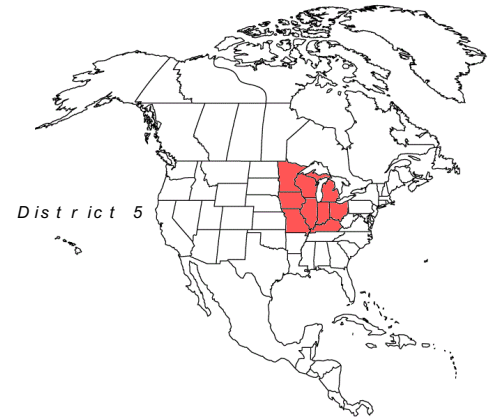
DISTRICT NEWS

District 5: Jim Nikodem

Pylon Racing School is back on again this year thanks to Tom Melsheimer. This is geared to attracting new racers. We would like to buddy up new racers with experienced racers and give them a chance to learn without the hectic pace of a race weekend. It will be in Muncie at the same place we race (site 3). Help get the word out among local club members. It is also an opportunity to get some laps on that new airplane around real pylons. Stay tuned to the District 5 page on the NMPRA website under events, then participating clubs. Should be 26-27 April. This is a Friday/Saturday three weeks before the first Muncie race.

Bloomington Illinois has held two pylon races a year since 2009. The property they lease had a change of ownership requiring them to no longer hold events. The club enjoyed putting on the races and did a great job. We appreciate all the great racing we had there. Taking their prime NATS warmup date is the Baldwin Michigan club. They have already had two races there on their 4000-foot long full scale runway. That date will be June 22-23 with EF1, 424, and 426 Saturday, and 424 and 422 Sunday. Great location, nice wide-open flying site, great nearby hotels. Camping on site. It is well worth the trip to attend this race!!

Many thanks to Jim Allen for once again for running the Phoenix Winterfest Race. A great time was had by all. Great weather, great competition, great facilities. Enclosed is a picture of the District 5 participants.





West Michigan
Pylon Race Competition
June 21-23, 2019



NMPRA EF1 – Entry Fee \$25 – Saturday Only
 AMA424 Q500–Entry Fee \$25 Each Day–Saturday & Sunday (Engine:TT-40 Pro or Evo 46)
 AMA 426 Q500 – Entry Fee \$35 – Saturday Only
 AMA 422 Q40 – Entry Fee \$35 – Sunday Only
 Field will be open for practice Friday 12:00 PM – 6:00 PM
 Saturday – Short Course for EF1, 424 & 426
 Sunday – Long Course for 424 & 422
 Registration: 7:30 – 8:30 AM Each Day
 Pilots Meeting: 8:30 – 8:45 AM
 First Heat: 9:00 AM
 Fuel Provided

For further information contact: CD Len Todd – (231)-745 9241 E-mail: LenTodd@att.net
 or check www.LCMFA.com.

Directions to RC Park:

From Grand Rapids, MI

Take US 131 north to US-10 (exit 153, Ludington/Clare), go west on US-10 16.5 miles to M-37.
 Head south on M-37 through Baldwin approximately 2 miles, airport entrance is on the left off of M-37.

From Traverse City, MI

Take M-37 south to Baldwin, continue through Baldwin approximately 2 miles, airport entrance is on the left off of M-37.

Lodging:

Outdoor Inn

7176 South M-37
 Baldwin, MI 49034
 231-745-3137

www.OutdoorInnBaldwin.com

Batcke's Baldwin Creek Lodge

7038 South M-37
 Baldwin, MI 49304

www.baldwincreeklodge.com

Camping:

Whispering Oaks Campground
 8586 South M-37
 Baldwin, MI 49304
 231-745-7152

www.MichiganCampground.com



West Michigan Pylon Race Competition June 21 - 23, 2019 at the Baldwin RC Park Baldwin, Michigan



The Lake County Modelers and Flyers is hosting the West Michigan Pylon Race Competition on June 21, 22 and 23, 2019.

- June 21 - Field will be open for practice from 12:00 A.M.– 6:00 P.M.
- June 22 - 23 - Pilots Briefings at 8:30 A.M. First race 9:00 A.M. Typically things wind up by 4:00 P.M.
- June 22 = Short Course
- June 23 = Long Course
- Race Classes include, NMPRA EFI, AMA 424 Q500, AMA 426 Q500 & AMA 422 Q40
- Motels, camping and restaurants within 1 mile of RC Park.
- See page 2 of this flier for race and lodging details.
- For more racing information contact Len at LenTodd@att.net
- The Baldwin RC Park is located 1 mile south of Baldwin, Michigan on M-37 . The south side of the Airport
- Onsite camping is allowed
- Cash prizes and/or trophies
- Spectators are welcome



For more information visit our website.

WWW.LCMFA.COM

Lake County Modelers and Flyers Association is a non-profit 501(c)3 organization.

www.LCMFA.com

LenTodd@att.net



Pylon Racing School (PRS)

April 26 (Friday) and 27 (Saturday), 2019
AMA site 3-Muncie Indiana

Time to get you and your airplane race-ready. Veteran pilots available to help. Fly the course with timing and feedback. Finish up the event with practice races against others in your event. Pilots new to R/C Pylon Racing are welcome. Bring your racer or sport aircraft and fly the AMA 3-pylon course. We will have several experienced racers on hand to help you. Warbird racers, Club 40, EF1, 424, 426, Q40 (422) pilots, this is a great time to test, tune, and practice before the season starts.

This is a free event.

For more details and specifics, please contact:

Contest Director-Tom Melsheimer

tommelsh@gmail.com

(440) 488-4743 (voice and text)

Notes:

You must have AMA membership.

CAPS & NMPRA membership applications will be available.

Helmet required, a few loaners will be available.

What: Preseason warm up and introduction to 3-pole pylon racing

When: Friday April 26, 2019 10AM to Sunset

Saturday April 27, 9AM to 3PM

Absolutely no flying before 8AM!

Where: AMA site 3, Muncie IN

<http://www.modelaircraft.org/aboutama/aboutiac.aspx>

Who: Anyone who is interested in learning about R/C pylon racing

Anyone wanting to experience 3 pole pylon racing

Existing (novice to expert) pylon racers

Cost: Free

Logistics: Where to stay, camping, restaurants, etc:

<http://www.modelaircraft.org/maphotel.aspx>

Setup: AMA Short and Long courses

Manned turn 1 light, lap times, etc.

Will have the Gator and trailer for moving people and equipment

Aircraft: Warbird racers, Club 40, EF1, 424, 426 and Q40 (422).

Newcomers may fly their sport planes, call Tom to discuss.

Misc: Participants will be asked to help man a few work stations.

Plan your own food, no catering on site for this event.

Information and membership applications for CAPS and NMPRA will be available.

Contact: Contest Director-Tom Melsheimer, tommelsh@gmail.com,

(440) 488-4743 (voice and text)

Rules: Must show AMA membership

Must conform to all AMA aircraft and flight rules

Absolutely no flying before 8AM!

Must wear helmet (hard hat, bicycle), a few loaners available

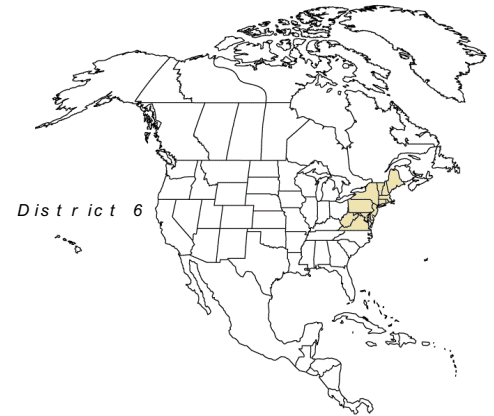


DISTRICT NEWS

District 6: Peter Tani

Hello all,

In years past our year-end awards banquet and our annual business meeting were held as two separate events. The first event, our banquet, occurred one week before Thanksgiving and the second, our business meeting, occurred the third week of January. In 2019, we have combined these two occasions into one event currently planned for February 9, 2019.



As such I cannot write with the benefit of our either of these occurrences and so a slow news period this time around. Alas. It is at our awards banquet dinner that we honor and congratulate top race finishers for the season and where hijinks and great fun is had and some worthy of reporting in past years. It is at our business meeting that we plan our next racing season schedule and discuss any other issues that might need to be addressed by our group. I understand that this year is no different, and NEPRO president Joseph Tropea in his event invitation noted that some important discussions and decisions will be addressed in advance of our upcoming 2019 season.

I congratulated the top five pilots in "expert" AMA 424 and the top five pilots in our AMA 426 race classes in our November newsletter, leaving our "standard" pilot champion unannounced at that time. Congratulations to Leo Nordell, our 2018 standard class champion. While I look forward to all awards, I think our standard class champion is held in special regard as it is this individual who is up-and-coming and might soon qualify for competition in our expert 424 class. It is always good to see folks advancing and improving their skills. Good job Leo.

What is a standard pilot? In short, our standard class, or "nine-lap flyers," per Arizona Pylon Rules (APRA) race with experts in a "combined" matrix.

Experts are required to "lap" standard pilots for a victory. This helps to produce a single race-day matrix with members from both classes. In addition it makes for good racing as a seasoned standard pilot is hard to beat most days. Three times under 1:20.00 are required to qualify and advance from standard to expert.



NEPRO president Joseph Tropea being thanked by "rocket" Ray Brown at our 2018 Pete Reed Barefoot Showdown. Thank you Joe for being our president in 2019.

This year marks the first that it has ever come to my attention that both a father and son have earned year-end championships in district 6. Congratulations father-son team Ola and Leo Nordell for a first, by my measure, father-son champion team. Some may recall this team from the July 9th 2018 Nat's News cover. Thank you Leo for calling for me at the Nats and thanks Ola for your continued good work at our race hosting club in Wintonbury, CT.



RC PYLON | CL COMBAT | CL SCALE | CL NAVY CARRIER JULY 9

Father and son team Ola and Leo Nordell. Now both have earned standard class championships.

No doubt that we are all aware of current engine availability concerns for our AMA 424 race class. On occasion and at certain times, these circumstances make for funny and, I believe, possibly entertaining stories in the face of great odds. In our hope to keep, draw, and maintain the interest of newcomers, we as a group in district 6 try our best to help in any way possible anyone who is looking to join our ranks. This includes racing gear.

Craig Korsen contacted me in mid-October 2018 as he correctly recalled I had a new and "extra" Evolution 0.46 NX race engine complete with the proper race muffler new in the box. Craig noted that he in turn was contacted by contest director Mario Salazar. Believe Tom Scott assisted with communiqué along the line. Mario was looking for an AMA 424 engine to reward the 2018 West Coast Series Champion and hoped to present it at the Whittier Race that took place on October 27 and 28, 2018.

I met with Craig here in Connecticut and gave him the EVO 0.46 engine and Craig in turn sent it across-country to Mario. I learned from Lloyd Burnham that my 2018 part-time Nats caller Danny Coe was the West Coast Series Champion and recipient of the engine. Congratulations Danny!

In late December/early January Mario contacted me asking my best preference for the return of an engine or for its reimbursement as I believe common understanding is that they would once again become available this summer.

I let Mario know that I thought it best to wait until their availability from the manufacturer. I also thought that Danny being a racer of the highest caliber and in the fastest classes might not have an immediate place in his racing fleet waiting for this current slowest class "spec" engine. I suggested to Mario, half in fun, that if this were indeed the case and I found myself in true need of another engine before the summer and for a member of our junior ranks, that I knew the details surrounding the location of at least one viable 424 engine in 2019.

I am not sure of the exact details but just thinking Craig, knowing both Danny and Mario and the back story from the beginning, with he himself being the initial instigator, Craig may have worked some magic.



The other day by USPS a second-day package arrived at my Connecticut home. It was addressed from Danny Coe in California. It contained my EVO engine complete with bow!



Thank you Danny, Mario, Tom, and Craig, for your great support of pylon racing.

I am currently in the possession of one very well-traveled engine.

Peter Tani 23J



DISTRICT NEWS

District 7: Scotty Smithwick

It's really COLD again in Florida!!!!!!

I was just starting to start getting ready, to get ready, for our Tavares January race when Gary Freeman Sr. announced RCACF was no longer interested in hosting the Tangerine! And I was asked to move our January race to December!!!

My response was, "Outstanding"! Last January it was really really really cold in Tavares; we froze everything off, Ev-ree-thing!!! :-) :-) :-)



During the summer, the LARKS Club constructed a launch pad which enabled us to reconfigure the race course location which gave us back the use of our new pavilion, improved parking and pit areas, and closer to porta-potty's!

Very BIG COOL Improvement! The Goertextile material launch pad was still loose for the Team Trials event but much improved

for the December race! By the time next December roles back around, it should be nice and tight!!!

While we were "fussing" over the launch pad for the race, one of the club officers said, "maybe we'll just pour concrete!" I became quite excited :-) :-)

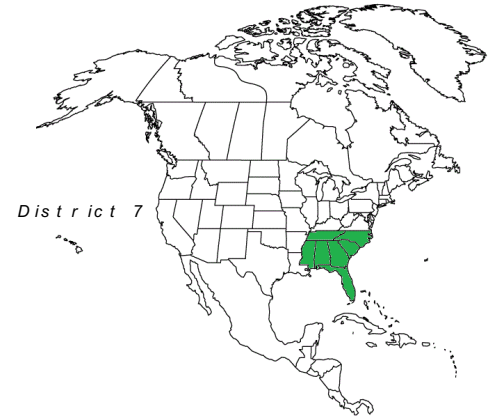
Scotty & "M" are SoCal kids and there the winds are 280 @ 8 to 12 knots daily! I did not learn X-Wind General Aviation landing techniques until I was flying my "V-Tail" bonanza in Kansas!!!!

So Florida is a major problem in the wind department!!! Our winds come from wherever they want, whenever they want!!

The guys were busy with a right quartering tail wind on Sunday. Even Scotty was able to get off the ground on Sunday, so the rest of the guys did just fine!!!

We had an excellent turn-out and enjoyed our typical Florida World Class competitions.

The really really really cool part of the race is we got two LARKS members interested in electric Pylon! Mike Helsel and Trey Witte paired up with the guys as instructors/callers and totally did a great job! At the end of the day, these two guys were excited! They had their mishaps but made the necessary repairs in time for the next heat, just like us veterans, and they were out practicing last Sunday. How



cool is that! Great job, Trey & Mike!

The other Really Really Really cool thing was, Bob and Linda Brogdon were celebrating their 50th wedding anniversary ~ ~ Ahhhhhhhh Take a moment and try to comprehend how much ongoing effort it would take to put up with another person's idiosyncrasies for 50 years..... HUGE EFFORT,,, HUGE !!! :-)

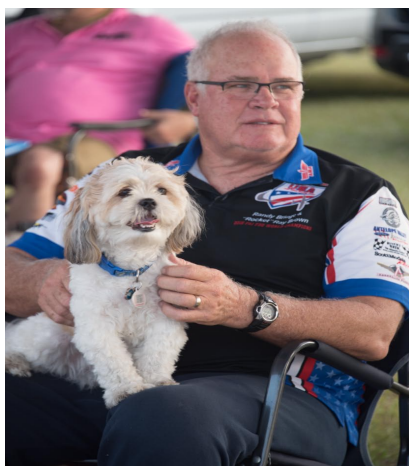


The 426 & 422 flying was excellent! On Saturday Randy took first place and Matt fast time; then on Sunday they switched, Matt First Place and Randy fast time!

Matt Fehling is currently working for Alaska Airlines in San Francisco, so he had to hop a flight back home to compete! Great Job "Dad" for having the planes ready! For 2018, Matt placed first in 422 at all SEMPRA races! A clean sweep - great Job Matt!

Scotty is very much NOT Happy with Rocket! Scotty made new "Nats" style pylons for the race! Then he yelled at Terry and Gary Jr. to "Not Even Think About Molesting Scotty's New Pylons!" So what happens??? Rocket put Pylon 2 on the ground. We stop the race, install a new mast, hoist the poor thing back on its feet and continued!

Terry & Gary, thank you gentlemen. Rocket, Not so Much!!!!!!!



By now everyone knows Rocket had an accident at work, fell 20' from a ladder and broke his arm & lower back and is very very busy healing! Everyone keep him in your prayers so he can enjoy a speedy and complete recovery! I told his doctor to just give him a "High Colonic" and he'll be fine; his doctor agreed!! :-)

On another sad note we have lost DeLand! We decided to move the race course to the north end of their field, as far away from the Active Airport runway for safety reasons. This relocation placed the race course directly over the Snack Shack, and the DeLand GoldenHawks remained insistent to NOT abandon the facility for our event! AMA Safety Code clearly dictates that a pilot will not knowingly fly his plane over unprotected people and/or occupied structures. After a month of discussions Scotty and his Co-CD Greg Cardillo were unable to reach an acceptable compromise and Scotty cancelled the race! Very Very Sad!!!!

The good news is Scotty & "M" have lots of time to practice for Julian in May. The bad news is they also have an open month in our race schedule! To finding an alternate venue for an April race, they are very busy :-)

XXOO

Scotty & "M"

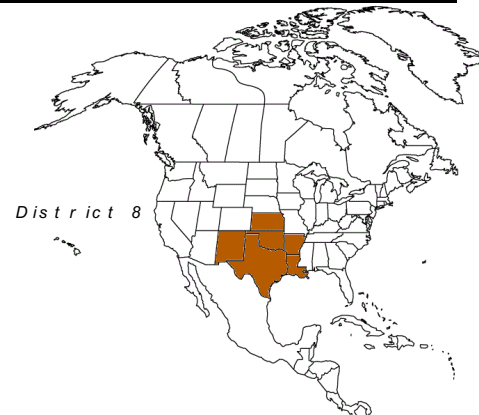


DISTRICT NEWS

District 8: Gordon McWilliams

Greetings from District 8.

I'd like to introduce myself, Gordon McWilliams. As you might have noticed, this is my first newsletter submission for the NMPRA. First, I'd like to thank Ben Hobbs for his efforts as the VP for this district in recent past. Ben has taken a temporary hiatus from some of his racing and flying activities to concentrate on raising his charming new daughter!



Some of you already know me, some may not. I've been flying RC off and on since 1973, when I started with a Sterling Fledgling that was given to me in pieces after a friend had crashed it and a Heathkit radio that I built from a kit. The Fledgling was mostly two halves of a wing, and a box of plywood and balsa sheets with the plans. We had a club that was mostly control line, things like 1/2A mouse racing, and some of the guys were gravitating into RC, and with a lot of help, I was able to get started, too.

My dad was a radio operator in WWII, had his own radio & TV repair shop when I was born, and ended up working for the FAA as an air traffic control radar site manager. He was also an active Ham radio enthusiast, and some of that rubbed off on me, I guess. I built my first radio when I was in the 4th grade or so, with his help, and ended up with a degree in electrical engineering, primarily RF engineering. For the last 29 years I've been in the aircraft navigation & landing business, in the ground-based side of things like Instrument Landing Systems, VOR's, DME's.

In the NMPRA forums, my user name is fizzwater2. My e-mail contact info should be in the newsletter now, so if you've got anything that you think might be of interest to the other racers in the district, please feel free to send it to me, and I'll do my best to spread the word.

Not a lot of racing going on this time of year in our district, at least nothing that has been reported to me. I know the guys down in Texas do quite a bit of regional racing during the spring, summer, and fall, so I'm sure Gary James will be letting me know what's going on there, so that we can include it in the NMPRA newsletter.

One race that does have a scheduled date for our district is the Mike Tallman Legacy Q40 race, put on by the Heartland Speed Freakz Race Club, with a large part of the effort shared between Lonnie Finch and Roger Burrig. The race is in Goddard, KS, which is just west of Wichita KS. The dates this year are September 20 and 21, a two-day Q40 race. The field will be open for practice on the 19th (Friday),

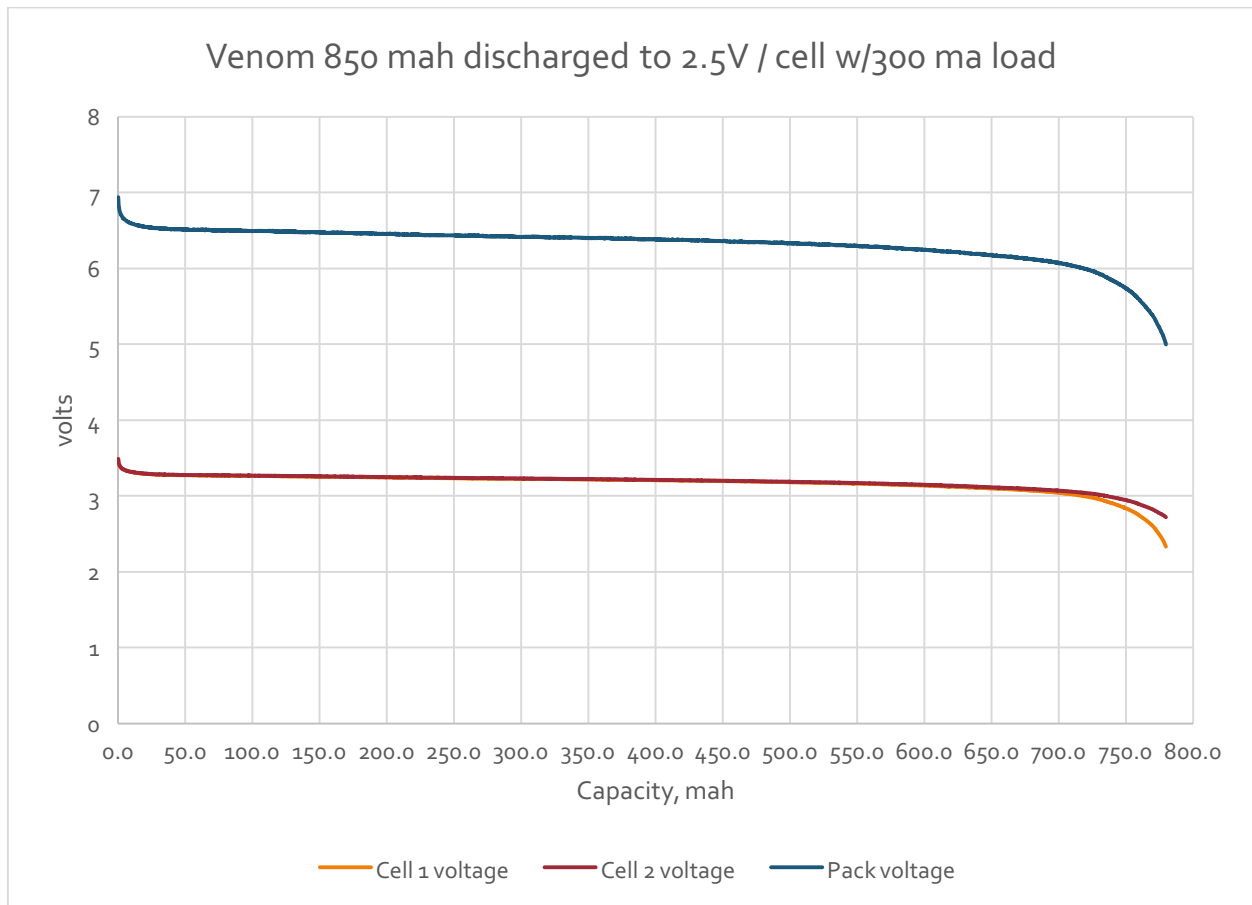
and we'd love to see you all there. The race has been very well attended since its inception a few years back, and it offers some great competition! Lonnie will be posting information in the NMPRA forums about it and most likely compiling an entry list, so let him know that you'll be there!

I can't mention the Tallman Legacy race without saying thanks again to Mike, whom we lost too soon. Mike was a HUGE influence on racing in the central part of the country, and because of him there are quite a few people around here that enjoy racing. I remember being soundly beaten by Mike in races back in the 80's, (and the 90's, and the 2000's, etc.), and I also remember all the help and education he was so quick to share when it came to getting someone into racing, and guidance & comments to help you improve along the way. Mike also never flew much at races in Wichita, choosing instead to work as starter, pylon judge, CD, whatever it took to promote racing. Mike, thanks for everything, and we miss you, my friend.

Mike's wife Vernelle still comes out to the field during the race and fixes the lunches that we enjoy, along with her famous homemade desserts like cookies and brownies. It's worth the trip to Wichita just for those!

The RC Barnstormers in Hillsdale KS (just southwest of KC a ways) have been hosting a 424/426 race in the June time frame which has been getting some decent turnout. That's my home club, and we hope to have another one this year, but no dates have been firmed up with the club. That's a busy time of year for us with a float fly, a pattern contest (jointly with the KCRC club in KC, MO), and other things going on that tax our small club when it comes time to find help. I plan on trying again and would like to say thanks here for the folks from Wichita like Roger Burrigh's wife Kelly, Eddie Jump's wife Carla, and others I'm sure I'm forgetting (hey, I'm old, what can I say) who have pitched in at the last minute to help out as lap counters and such. More here – and I'll post something in the NMPRA forums, and likely on RC Groups (same user name) when more info is available.

Even though there isn't much racing going on right now, it's not too early to be doing maintenance on airplanes, radios, batteries, etc. Lately I've been cycling and testing airborne receiver batteries. Mostly I fly 2S LiFe batteries – some of those inexpensive 700 mah Zippy ones from Hobby King, a couple of the 850's from Venom, and one of those little "stick" 500 mah batteries by ProTek, from Amain hobbies. I'm using my i-charger 206B charger from progressiveRC.com, and normally do two or three cycles with its automatic cycle function, discharging to 3.0V per cell, charging to 3.6V per cell. I know some folks go below 3.0V when cycling or discharging, but I figure I don't like to take them that far down – you don't gain a lot of capacity by going below 3v per cell. The discharge curve gets fairly steep by then, so why risk things like unbalanced cells, etc.? With my test setup and the zippy batteries, I normally see 530-550 mah, closer to 700 on the 850 Venom, and ~300 ish (don't recall for sure, haven't done that one yet this year) on that little 500 mah pack. As long as they're not too far below those numbers, I'm ok with it. It's the change or degradation that I'd be watching for, and if they don't look up to snuff, out they go. Airplanes and the people who fly them and their friends & loved ones around the race course, deserve good batteries in our planes. It's not worth risking an iffy battery to save a few bucks. Here's a graph of a test discharge on a Venom 850 mah 2S Life, down to 5V (2.5v/cell). Note that you see about 720mah of capacity at 6 volts (3v/cell) and only 780 at 5v (2.5/cell). The top line is the pack voltage, the bottom curves are the two cell voltages. At 6V, the cell voltages are still pretty well balanced; at 5V you can see them starting to get unbalanced. This is why I stop my discharge tests at 3v/cell normally – you don't gain much by going lower, and you run a greater risk of cell imbalance. If they get very far imbalanced, you might even damage one cell by over discharge – the charger stops on pack voltage – at least this one does.



During the flying season I normally use my Cellpro multi-4 charger and charge all those airborne batteries (and the LiPo 4S in my starter pack) through the balance port, and I don't use high charge rates. Why bother, 1C will top off an airborne receiver battery fairly quickly, and if I'm doing it the night before (or even a couple days before) a race, I have time. I also balance charge almost every time, just because I can.

When I'm cycle testing, I typically discharge at 300 ma of current, and charge anywhere from 200-700 ma of current. Right now, the charger is set on 200, and because I'm lazy, it's been there for all the testing so far this time around.

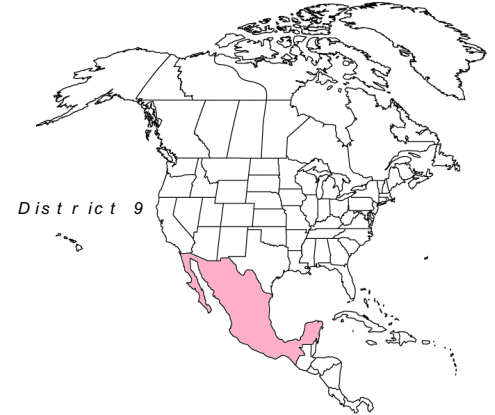
The icharger 206b will spit out serial data on a USB connector, and I've got logview software running on a laptop in the shop, and it saves nifty tables & graphs with battery data. I can save those files by model names, so during the year if I want to double check a pack, I can look up what sort of performance I was getting in January with what it gets at the time and look for signs of weakness if any. Doesn't help me go any faster (don't know if there's enough help in the world for that!) but it does help reduce the possible chances of a battery going bad on me unexpectedly. Something to think about. It fills up some winter evening hours and might even be helpful!

Anyway – that's about it for this month. Please, send me info on anything you'd like to see in here, and once the season kicks off, don't forget race results and info. I won't be able to attend all the races around the district, so I'll depend on inputs from attendees, but I'll do what I can to fill this space with what I can.

Cheers, and good flying,
Gordon

District 9: Alejandro Vazquez

No article submitted for publication.

*District 10: Joe Luxford***Pylon Racing in Australia by Steven Hughes**

QMARA January 2019 Newsletter

With the first event of the year being the "Toowoomba Trek" up the hills to the Great Dividing Range at Toowoomba and the TAA field. QMARA members of TAA along with their TAA counterparts did an amazing job of getting their field up to standard for the weekend's racing festivities. This has been a long-held vision of theirs to get another pylon field up to standard to race at rather than trekking down to the coast all the time. Let's BUILD IT and they will come was their attitude. Bobcats, shovels, rakes, rubber mats, sweat, and tears flowed to ensure the field was ready to race.

Twenty-Five competitors turned out for the weekend's racing. This was a great effort by QMARA members, International Pilots, and visitors. An invite was accepted by some Scanner pilots who were combined to race with the Q500 entrants. The Scanner pilots were given some instructions on safety and flying the triangle course as they were more of a stand on the sidelines and fly round a two-pylon course. It was a learning curve for them and the timekeepers as some of their times were over 200. Feedback from all concerned appears as though they had a fat time. Some of them also showed a keen interest in upgrading to some of the Q500 models up for sale on display. We hope they return to another meet soon. Fastest time went to Chris Wood with a 106.08.

Q500 racing had alternate rounds with the F5D (8 entrants) models fine tuning up for the Australian Team Trials in March for the upcoming 2019 Combined F3D/F5D RC Pylon World Championships in August. It was a challenge for some to adjust to the different site conditions being some 680m above sea level, hot 35c plus temperatures, 20kph hot southerly winds which had a few scratching their heads to get their race setup just right as some were finding 10 laps a challenge from their sea level setups



and some supercuts were completed to finish their 10 laps. Fastest time was set by Bruce de Chastel with a 57.11.

PM racing had the F3R competitors line up to take on the conditions of the day, and five rounds were completed with much gusto and some excellent flying between those. Wayne Wilcox (South Africa) was keen to get racing only to be taken out in the first round and first race much to his disappointment as his model was irreparable unlike his competitor who had some minor hangar rash that a bit of pylon tape fixed. Peter Harvey (United Kingdom) was over from the UK and borrowed a model to test his racing skills against the locals and was feeling the heat from the temperature and racing. Greg Gilles was the eventual winner and had the fastest time of 76.35.

With the day's racing complete and as it was still daylight, resources were gathered and an organized BBQ was held, and with many ingredients Linda de Chastel and Caroline Wall with helpers whipped up a mighty feast of salads for consumption and with Bruce's skills on the tongs the QMARA family sat down to a lovely meal and some tall stories with tall drinks.

Next day's racing commenced with the FAI pilots racing five rounds to tune up their skills and models for the August 2019 Combined RC World Pylon Championships. The usual entrants were there albeit with slightly slower times than their coastal ones but still a good performance was put on display between competitors. Fastest time to Chris Callow 57.38 and an unusual DNF. You don't see that often at all.

Last race of the meet went to the F3T participants and many there were. This class is the most popular event at any of the meetings throughout the year, and the racing did not disappoint those who were still in attendance. Hard, fast racing was undertaken. At the halfway point Richard Brough was the leader of the pack but unfortunately had some tank issues and had to take some DNF's. Greg Gilles did a conrod more DNF's; Stephen Turna's first event back from up North Qld was not so hot unlike the hot weather over the weekend and had some DNF's; Danny Giles had to leave early as he had prior commitments and probably missed out on a spot on the podium due to this. Ever reliable Bruce de Chastel had some ground to catch up as he was placed in 3rd halfway through. Wayne Wilcox (International Pilot) was having a good contest without being taken out by another model or its pilot and ended up in 4th place overall. The duel between Marc Hamilton and Bruce de Chastel hotted things up 66.29 vs 66.85 and 66.02 vs 65.91. Next round Marc lost his the outer to his tune pipe and let Bruce win that round. So, at the end of the day's racing it was Bruce de Chastel coming out on top of the bunch and fastest time also with a 64.55.

A great weekend racing at a great place. Weather was hot and dry and tested all those that attended. TAA has been put on the pylon map and calendar, and our next venture will be in June to test how cold Toowoomba can turn it on. One extreme to the other. Great work by the TAA members of QMARA and the TAA members who catered for us over the weekend. Until our next event on the first weekend in March which decides who is to represent Australia at the 2019 World Combined RC Pylon Racing World titles, GO Fast and Turn Left.

Joe Luxford



AMA - 422

Points & Standings

422 Points: Gary James

2018 Events

Q40 2018		
	Location	Date
1	Tavares Invitational	1/14/18
2	QM Classic	
3	Denis Lyon Memorial (SAT)	3/24/18
4	Denis Lyon Memorial (SUN)	3/25/18
5	Deland	4/28-29/18
6	Riverside	5/5/18
7	Fred Bergdorf Memorial (SAT)	5/19/18
8	Fred Bergdorf Memorial (SUN)	5/20/18
9	Muncie	5/20/18
10	Cinci	6/3/18
11	George Finch Memorial (Sat)	6/9/18
12	George Finch Memorial (Sun)	6/10/18
13	NATS A	7/11/18
14	NATS Final	7/12/18
15	Edmonton	6/24/18
16	Calgary	7/22/18
17	Ben Martin Memorial CAPS	8/19/18
18	NMPRA Champs	8/25-26/18
19	Mike Tallman Legacy	9/29-30/18
20	OJA Fall	10/7/18
21	Dave Gavin Memorial	10/28/18
22	Tavares Invitational	12/2/18

	NAME	NMPRA #	Races Flown	Total of Best 6 Races
1	Fehling, Matthew	59S	7	600.71
2	Jett, Dub	1I	12	576.04
3	Holik, Robert	23A	8	572.47
4	Holsel, Mike	5A	10	538.34
5	Kane, Dan	1V	7	508.62
6	Beers, Richard	22I	9	508.35
7	Salazar, Mario	18C	9	496.60
8	Brown, Ray	15T	7	473.15
9	Frazier, Terry	37P	8	468.66
10	Scott, Tom	26P	9	460.09
11	Robinson, Jeff	27B	8	456.21
12	Andrassy, Roy	31X	7	450.93
13	Gardner, Dave	58C	6	429.67
14	Lloyd, David	15C	8	428.48
15	Killebrew, Doug	10C	8	420.93
16	Hulen, Duane	12V	9	420.52
17	Coe, Dan	42C	11	414.94
18	Thordarson, Dan	53C	7	405.18
19	Johanson, Bill	52P	6	403.25
20	Korsen, Craig	16J	6	366.22
21	Lampe, Tim	16U	9	365.97
22	Seaholm, AJ	17V	5	364.45
23	Schmidt, Gary	27D	5	358.48
24	Van Baren, Rusty	7D	6	355.65
25	Andraka, Chuck	11H	8	343.03
26	Flynn, Travis	55A	7	335.30
27	Barrios, Salvador	26Y	4	317.59
28	Tabhan, Gabriel	22Z	3	316.32
29	Allen, Jim	17D	7	307.47
30	Von Der Hey, Lee	7C	5	285.29
31	Jump, Eddie	20G	5	283.99
32	Langlois, Mike	12R	5	281.17
33	Burnham, Lloyd	22J	5	268.53
34	Cranfill, Dennis	29I	5	260.87
35	Coffey, Bruce	81B	5	237.84
36	Witte, Trey	23R	4	230.72
37	Oliver, Richard	26H	6	228.90
38	Grunkemeyer, Craig	22P	5	220.68
39	Arguello, Juan	33Y	3	215.92
40	Kaufmann, Hank	12X	3	214.55
41	King, Robert	46C	6	213.91
42	Vasquez, Alejandro	41C	2	201.76
43	Finch, Lonnie	21V	3	199.90
44	Nogy, Kent	12C	4	199.35
45	Duda, Jason	2W	2	197.84
46	Hartman, Scott	30H	4	197.28
47	Delateur, Joe	15B	5	194.94

48	Coffey, Joanne	83B	5	194.55
49	Stone, Dean	19R	5	190.95
50	Aboumrad, Mario		3	184.05
51	Smith, Randy	22X	3	173.36
52	Lime, Jim	41D	6	171.00
53	Masi, Mike	37J	5	169.70
54	Houston, Doug	14X	3	162.07
55	Neff, Brian	11F	2	155.48
56	Brogdon, Bob	1S	6	154.15
57	Vogelsang, Rick	29P	3	142.89
58	VanTuyt, Ken	25F	3	133.64
59	Baker, Steve	15R	3	133.11
60	Russell, Matt	5E	4	128.43
61	Parker, Mark	24I	2	127.86
62	Jones, Ben	27R	2	113.83
63	Woodolowski, Conrad	33Q	3	111.98
64	Lime, Tim	19V	3	106.00
65	Ragnarsson, Borje	33Z	2	104.57
66	Farnsworth, Scott	25W	2	100.09
67	Lucero, Gilbert	16C	2	98.89
68	Vandercleest, Bernie	7W	3	98.74
69	Lopez, Anthony	23B	2	98.41
70	Martin, Mark	37G	1	78.08
71	Owens, Laird	8A	1	76.97
72	Seymore, Anthony	32V	2	76.63
73	McDermott, John	2R	3	70.53
74	Martin, Neil	38G	1	65.94
75	McWilliams, Gordon	4G	3	65.93
76	Tucker, Richard	14S	3	63.05
77	Martin, Jeff	26X	2	61.59
78	Jiggs, Robert	21J	1	54.28
79	Richmond, Brian	85S	2	53.87
80	Farthing, Craig	19F	3	53.45
81	Galerieault, Pat	95W	2	51.77
82	Henken, Anthony	24W	1	51.71
83	Nonzel, Chris	28D	4	50.65
84	Rau, Robert	19D	1	50.08
85	Spenser, Mike	54P	1	49.86
86	Flood, Marty	15D	1	49.45
87	Batch, Bryan	79E	1	47.75
88	Redig, Pat	23W	2	46.01
89	Peace, Jordan	29H	1	45.43
90	Grim, Adam	20S	1	38.01
91	James, Gary	15I	1	37.62
92	Burright, Roger	39G	2	29.11
93	Diffendaffer, Bryan	24E	1	28.80
94	Smithwick, Scotty	4C	4	27.97
95	Scharrer, Doug	35G	1	26.80
96	Thompson, Chuck	28C	1	24.22
97	Platt Jesse	97W	1	22.43
98	McDonald, Anthony	20A	1	21.60
99	Gall, Duane	23F	3	20.79
100	Vess, Robert	14R	1	19.45
101	O'Brien, Dennis	2S	1	18.19
102	Diepenbroek, Hank	24F	1	17.28
103	Redekop, Henry	30X	1	15.68
104	Hiller, Jim	3V	2	15.35
105	Hiller, Bill	8V	2	15.14
106	Baker, Lyle	19X	1	10.85
107	Linsagan, Joe	52T	1	4.03
108	Gage, Ronald	12W	1	3.32



AMA - 426 Points & Standings

426 Points: Doug Scherrer

2018 Events

426 Quickie		
	Location	Date
1	Winterfest, AZ	1/13/18
2	Tavares, FL	1/13/18
3	Whittier, CA	3/24/18
4	Whittier, CA	3/25/18
5	Riverside, CA	4/21/18
6	Riverside, CA	4/22/18
7	Lee's Summit, MO	4/28/18
8	Lee's Summit, MO	4/29/18
9	Brooklyn Park, MN	5/5/18
10	Brooklyn Park, MN	5/19/18
11	Muncie, IN	5/19/18
12	Woodland, CA	5/19/18
13	Woodland, CA	5/20/18
14	Cincinnati, OH	6/2/18
15	Salem, CT	6/3/18
16	Hillsdale, KS	6/10/18
17	Sepulveda Basin	6/9/18
18	Sepulveda Basin	6/10/18
19	Brooklyn Park, MN	6/23/18
20	Edmonton	6/23/18
21	McLean, IL	6/23/18
22	McLean, IL	6/24/18
23	NATS A MATRIX	7/10/18
24	NATS B MATRIX	7/10/18
25	NATS FINAL	7/10/18
26	Calgary	7/10/18
27	Brooklyn Park, MN	7/28/18
28	Ellington, CT	8/5/18
29	Brooklyn Park, MN	8/11/18
30	Muncie, IN	8/18/18
31	Saskatoon	9/8/18
32	Brooklyn Park, MN	9/15/18
33	Salem, CT	9/23/18
34	Liberty, NC	10/6/18
35	Whittier, CA	10/27/18
36	Tavares, FL	12/1/18

	NAME	NMPRA #	Races Flown	Total of Best 6 Races
1	Jett, Dub	4I	10	588.74
2	Andrassy, Roy	31X	9	554.90
3	Korsen, Craig	16J	7	537.52
4	Helsel, Mike	5A	8	535.10
5	Nikodem, Jim	22V	12	510.81
6	Andraka, Chuck	11H	7	509.47
7	Coe, Dan	42C	14	507.25
8	Beers, Richard	22I	8	499.94
9	Allen, Jim	17D	7	481.79
10	Holik, Robert	23A	7	475.22
11	Fehling, Mathew	59S	5	468.49
12	Platt, Jesse	97W	6	457.10
13	Salazar, Mario	18C	6	450.15
14	Scott, Tom	26P	6	448.88
15	Flynn, Travis	55A	5	448.59
16	Hulen, Duane	12V	9	443.48
17	Etkeo, Randy	20W	9	421.59
18	Coffey, Joanne	83B	7	415.88
19	Burnham, Lloyd	22J	6	408.60
20	Frazer, Terry	37P	8	407.27
21	Brown, Ray	15T	5	366.68
22	Galameault, Pat	95W	8	365.89
23	Lampe, Tim	16U	8	365.80
24	Masi, Mike	37J	7	355.66
25	Gardner, Dave	58C	8	352.78
26	Vandeleest, Bernie	7W	5	352.07
27	DeLateur, Joe	15B	8	342.42
28	Redig, Pat	23W	9	337.17
29	McDonald, Tony	20A	10	333.78
30	Thompson, Chuck	28C	6	324.52
31	Tropea, Joe	28J	6	317.68
32	Vereacke, Maurice	23V	3	286.97
33	Kane, Dan Jr.	23U	4	285.49
34	Thordarson, Dan	53C	5	282.78
35	Kauffmann, Hank	12X	4	266.71
36	King, Robert	46C	8	260.09
37	Brogdon, Bob	1S	5	259.76
38	Killebrew, Doug	10C	4	255.38
39	Smith, Randy	22X	3	254.26
40	Baker, Steve	15R	4	251.33
41	Lisowski, Larry	31V	6	235.32
42	Gage, Ron	12W	9	233.06
43	Thompson, Taylor	26C	4	224.71
44	Stone, Dean	19R	5	215.99
45	Lime, Jim	41D	9	214.30
46	Nezsel, Chris	28D	8	212.49
47	Troup, Daniel	35P	4	209.89
48	Triggs, Bob	21J	4	207.67
49	McWilliams, Gordon	4G	4	206.17
50	Houston, Doug	14X	3	205.88
51	Oliver, Richard	26H	4	202.46
52	Langlois, Mike	12R	3	201.70
53	Grunkmeyer, Craig	22P	4	197.00
54	Coffey, Bruce	81B	4	194.74
55	Hartman, Scott	30H	4	194.67

56	Farnsworth, Scott	25W	2	185.97
57	Seymore, Tony	32V	6	184.90
58	Luce, Don	18W	4	180.18
59	Finch, Lonnie	21V	2	180.11
60	Scherrer, Doug	35G	3	180.09
61	Seaholm, AJ	17V	2	173.94
62	Jani, Peter	23J	4	166.41
63	Deneve, Mike	21P	4	163.27
64	Hempel, Bill	36W	4	162.35
65	Von Der Hey, Lee	7C	2	157.82
66	Parker, Mark	24I	2	139.76
67	Johanson, Bill	52P	4	136.84
68	Jump, Eddie	20G	2	130.81
69	Cranfill, Dennis	29I	2	130.28
70	Brown, Kelly	25G	3	120.02
71	Melsheimer, Tom	99P	4	119.14
72	Fiorito, Michael	33J	3	110.15
73	Smithwick, Scotty	8C	4	107.60
74	Gall, Duane	23F	4	106.87
75	Vogelsang, Rick	29P	4	97.00
76	Barnios, Salvador	26Y	1	95.97
77	Larson, Darwin	25U	1	91.50
78	Duda, Jason	2W	1	90.99
79	James, Gary	15I	2	89.85
80	Dienpenbrek, Hank	24F	2	85.56
81	Wondolowski, Conrad	33J	5	83.72
82	Yost, Dave	34C	3	82.76
83	Witte, Trey	23R	3	79.07
84	VanLuyk, Ken	25F	3	77.23
85	Blanchard, Marcus	15P	2	74.05
86	Doe, Greg	7S	4	69.75
87	Moorehouse, Kevin	36X	2	66.99
88	Martin, Jeff	26X	3	66.49
89	McDermott, John	2R	2	64.65
90	Nordell, Ola	31J	4	57.92
91	Oswald, Adam	0	2	56.47
92	Aboumrad, Mario	31Y	1	56.23
93	Russell, Matt	5E	2	56.15
94	Farthing, Craig	19F	4	54.50
95	Vess, Robert	14R	1	50.82
96	Lucero, Gilbert	16C	1	48.84
97	Panzardi, Santiago	18P	1	47.13
98	Cacvalho, Marcelo	27Z	1	40.94
99	Schmidt, Gary	27D	1	36.53
100	Diffendaffer, Bryan	24E	1	33.00
101	Spencer, Mike	54P	1	27.40
102	Hemken, A J	24W	1	25.66
103	Lynd, Dave	15C	1	22.60
104	Kane, Jack	23U	1	22.40
105	Van Baren, Rusty	7D	2	17.52
106	O'Brien, Dennis	2S	1	9.01
107	Hiller, Bill	8V	1	8.27
108	Tucker, Rich	14S	1	5.25
109	Hegland, Tom	37C	1	1.20



AMA - 424

Points & Standings

424 Points: **Trey Witte**

2018 Events

AMA - 424		Final 2018
Location	Date	
1	Whittier - Sat	3/24/18
2	Riverside - Sun	4/22/18
3	KCRC - Sat	4/28/18
4	KCRC - Sun	4/29/18
5	Indy Shootout CAPS - Sat	5/19/18
6	Indy Shootout CAPS - Sun	5/20/18
7	Moonshot - Sat	6/2/18
8	Moonshot - Sun	6/3/18
9	George Finch - Sat	6/9/18
10	Bloomington - Sat	6/23/18
11	Bloomington - Sun	6/24/18
12	2018 Nat's	7/7/18
13	Ben Martin - Sat	8/18/18
14	Ben Martin - Sun	8/19/18
15	Pete Reed Showdown - Sat	8/4/18
16	Pete Reed Showdown - Sun	8/5/18
17	Whittier - Sat	
17	Dave Gavin Mem	10/27/18
18	Salem Spring	6/3/18
19	Salem Fall	9/23/18

	NAME	NMPRA #	Races Flown	Total of Best 6 Races
1	Jim Nikodem	22V	8	537.88
2	Daniel Troup	35P	7	414.27
3	Mike Masi	37J	4	360.67
4	Dan Coe	42C	5	339.96
5	Rick Vogelsang	29P	4	305.28
6	Peter Tani	23J	5	301.57
7	Tim Sparks	22U	5	290.70
8	Duane Hulen	12V	3	286.13
9	Lloyd Burnham	22J	3	270.44
10	Larry Lisowski	31V	7	241.56
11	Tom Meisheimer	99P	7	213.23
12	Scotty Smithwick	8C	4	200.46

13	Adam Oswald	28P	4	196.27
14	Dean Stone	19R	3	195.65
15	Clint Seyer	21U	5	193.19
16	Robert Triggs	21J	4	192.63
17	Craig Korsen	16J	2	192.47
18	Leo Nordell	32J	5	186.52
19	Kevin Matney	44W	2	179.30
20	Matt Fornefeld	35V	4	143.80
21	Scott Hartman	30H	3	140.80
22	Conrad Wondolowski	33J	3	136.35
23	Greg Doe	7S	4	131.05
24	Gordon McWilliams	4G	2	127.10
25	Doug Scherrer	35G	2	109.62
26	Kevin Fisbeck	77K	4	107.39
27	Tony Seymore	32V	2	100.89
28	Ola Nordell	31J	4	93.98
29	Craig Greening	17U	1	91.71
30	Mike Helsel	5A	1	89.40
31	Joe DeLateur	15B	2	87.53
32	Mark Warning	22W	1	76.63
33	Michael Fiorito	33J	2	72.60
34	Jim Hiller	3V	2	69.18
35	Craig Farthing	19F	2	68.60
36	Robert King	46C	1	59.14
37	Bill Hiller	8V	1	57.77
38	Trey Witte	23R	1	50.23
39	Jim Lime	41D	1	44.66
40	Brian Diffendaffer	24E	1	42.69
41	Gary James	15I	2	40.50
42	Matt Russell	5E	1	35.14
43	Mike DeNeve	21P	1	34.80
44	Steve Baker	15R	2	30.93
45	Terry Frazer	37P	1	18.00
46	David Ford	29X	1	12.51
47	Mario Salazar	18C	1	1.20



NMPRA EF-1 Points & Standings

EF1 Points: Dan Kane

2018 Events

NMPRA - EF1		
	Location	Date
1	WINTERFEST	1/15/18
2	CAPS	5/20/18
3	Woodland	5/20/18
4	Woodland	5/21/18
5	Moonshot	6/2/18
6	Billings, MT	6/2/18
7	T-Bird (TX)	6/16/18
8	Mesa AZ	1/7/18
9	Mesa AZ	2/4/18
10	Mesa AZ	3/25/18
11	Mesa AZ	4/22/18
12	Mesa AZ	5/20/18
13	NATS	7/8/18
14	Bloomington	6/23/18
15	Bloomington	6/24/18
16	CAPS	8/11/18
17	Golden Triangle, TX	9/15/18
18	TAVERES	12/1/18

	NAME	NMPRA #	Races Flown	Total of Best 6 Races
1	Nikodem, Jim	22V	7	530.17
2	Lopez, Tony	23B	6	443.66
3	Adndrassy, Roy	31X	5	399.15
4	Helsel, Mike	5A	4	360.42
5	Nenzel, Chris	28D	4	314.20
6	Huffman, Eric	25D	6	289.07
7	Troup, Daniel	35P	4	254.64
8	Allen, Jim	17D	3	247.44
9	McDonald, Tony	20A	3	226.69
10	Witte, Trey	23R	3	198.19
11	Doe, Greg	7S	3	193.42
12	Diffendafer, Bryan	24E	2	182.31
13	Kane Jr, Dan	1V	2	180.08
14	Beverson, Charlie	36D	5	176.07
15	Hiller, Bill	8V	4	164.19
16	James, Gary	15I	2	149.91
17	Robinson, Jeff	27B	2	147.22
18	Seyer, Clint	21U	3	137.12
19	Belfort, Don	31P	4	134.50
20	Sparks, Tim	22U	3	130.88
21	Holik, Robert	23A	2	130.45
22	Gall, Duane	23F	2	114.27
23	Flynn, Travis	55A	1	106.76
24	Russell, Matt	5E	2	104.86
25	McWilliams, Gordon	4G	1	93.57
26	Frazer, Terry	37P	2	89.83

27	Carpenter, Jeff	28B	2	88.75
28	Lampe, Tim	16U	1	83.01
29	Seaholm, AJ	59X	1	81.97
30	Stone, Dean	19R	1	72.45
31	Scott, Tom	26P	1	69.81
32	Killebrew, Doug	10C	1	66.24
33	Hiller, Jim	3V	1	65.70
34	Lisowski, Larry	31V	4	65.44
35	Baker, Steve	15R	1	64.54
36	Cranfill, Dennis	29I	1	61.90
37	Elbert, Shane	13G	1	59.94
38	Kane, Jack	23U	1	56.62
39	Kauffmann, Hank	12X	2	53.60
40	Matney, Kevin	44W	1	52.60
41	McDermott, John	2R	1	48.70
42	Von Der Hey, Lee	7C	1	46.44
43	Elbert, Leon	7G	1	45.26
44	Masi, Mike	37J	1	43.42
45	Lime, Jim	41D	2	43.20
46	Meisheimer, Tom	99P	1	38.15
47	Alves, Ed	23G	1	37.91
48	Nordell, Leo	2S	1	35.51
49	Huber, Robert	20P	2	34.65
50	Ford, David	29X	1	32.87
51	Tucker, Richard	14S	1	21.40
52	Tani, Peter	23J	1	19.67
53	Dooley, Tom	14D	2	12.60
54	Mollyhorn, Allen	32D	1	12.51
55	Coffey, Bruce	81B	2	11.69
56	Schmidt, Gary	27D	1	9.12
57	Parker, Mark	24I	1	3.84
58	Jett, Dub	4I	1	1.20
59	Small, Jerry	5H	1	1.20
60	Triggs, Robert	21J	1	1.20



NMPRA : 2018 RACE SCHEDULE

National Contest Coordinator: Mike Helse

If I don't have your races listed, please send me a copy of your schedule, events to be flown, and contact information and I will get them added to the master schedule.

NMPRA Master Race Schedule 2019

1/22/2019

Date	Location	Events	Comments	Contact	Other Info
------	----------	--------	----------	---------	------------

February

2nd - 3rd

9th - 10th Surprise, AZ

422

Jim Allen

16th - 17th

23rd - 24th

March

2nd - 3rd

9th - 10th

16th - 17th

23rd - 24th Whittier, CA

Mario
Salazar

30th - 31st

April

6th - 7th

13th - 14th Oakdale, CA

EF1, 424, 426

Joe DeLateur

joe.delateur@gmail.com

20th - 21st

27th - 28th

May

4th - 5th

Old Julian Airport

424, 426, 422

Jim Katz

mrjrkatz@aol.com

11th - 12th

18th - 19th Muncie, In

424/EF1/426/422

Indy Shootout

capsracing.com

18th - 19th Woodland, CA

EF1, 426, 422

Bergdorf Mem

Robert Holik

info@apcprop.com

25th - 26th

June

1st - 2nd

Cincinnati, OH

424/426/422

Moon Shot

CAPS - GCRC

askus@scottmodels.com

8th - 9th

15th - 16th

22nd - 23rd

29th - 30th

July

6th - 7th

13th - 20th Muncie, IN

AMA Nats

20th - 21st

27th - 28th

Aug

3rd - 4th

10th - 11th

17th - 18th Denver, CO

426, 422

17th - 18th					
24th -25th	Muncie, In	424/EF1/426/422	CAPS Calssic		Note Change of Dates
31st - 1st					

September

7th - 8th					-
14th - 15th					
21st - 22nd	Oakdale, CA	EF1, 424, 426		Joe DeLateur	joe.delateur@gmail.com
21st - 22nd	Wichita, KS		422 Talman Legacy	Lonnie Finch	lfinchcpa@sbcglobal.net
28th - 29th					-

October

5th - 6th	Old Julian Airport		422	NMPRA Champ Race	Trey Witte
12th - 13th					-
19th - 20th					-
26th - 27th	Whittier, CA			Mario Salazar	

November

2nd - 3rd
9th - 10th
16th - 17th
23rd - 24th

December

30th - 1st
7th - 8th
14th - 15th
21st - 22nd



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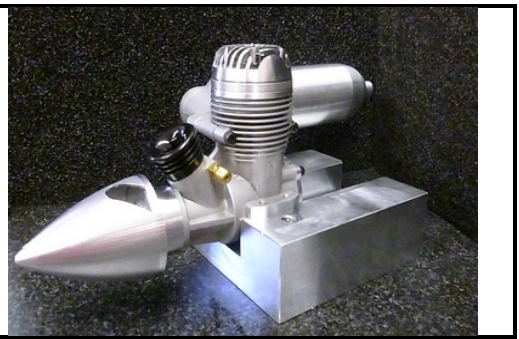
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