

AMA NATS

2019 NATIONAL AEROMODELING CHAMPIONSHIPS

Muncie IN • Blytheville AR • Springerville AZ

RC SCALE

July 12



Winners in Team Scale (again) were Mike Barbee and Frank Noll with a big Beech twin. 2018 Nats photo.

By Stan Alexander (onawing4602@att.net)

For the last few years, we have had the pleasure of flying off of Site 4 at the very back of the AMA property, in Muncie, Indiana, at the national flying site. This not only allows the RC site a great grass field to fly from, but provides enough room to include the CL Scale Nats division at the same time on the other side of the property.

The grass runway at Site 4 is one of the best I've seen, and with the AMA grounds crew, it continues to improve each year. If you have a conventional-gear aircraft, taking off and landing on the grass is a huge benefit.

This year's banquet ticket is included with your entry fee. The meal will be catered, with Allen Goff taking care of all of the prep work. We expect a great banquet on Saturday night, where we will induct several members into the NASA RC and CL Hall of Fame. It should be a fantastic evening for everyone, including the families and friends of the inductees.

If you've never flown in competition, it's pretty easy. You have to pick out five optional maneuvers and there are five required maneuvers. The required ones are takeoff, Figure Eight, straight flight, landing, and realism. The optional maneuvers should be something that your model would do as a full-scale aircraft, such as a fighter performing a military roll, and a J-3 Cub in a straight flight out procedure turn and a straight flight back (this combination counts as three maneuvers).

Practice is Thursday and Friday, with static judging on Friday—happening at the field. We usually have a Friday night pizza party at the field provided by Barbee Concrete and Mike Barbee, NASA's president. Saturday is the official start of the flight competition for all classes in CL and RC Scale.

Saturday night we have a very special banquet planned. This will include a cash bar, which should open approximately 6:30 p.m., seating will be at roughly 6:50 p.m., and a chef-prepared dinner will start after that. The hall of fame inductions will be filmed and, from what I've been told, the videos will be available approximately a week later. Also that night, all of the high-static awards will be handed out and sponsors will be recognized.

Sunday will be the final two rounds of flight competition and the final results will be posted for everyone.

While you are at the Nats, be sure to check out the National Model Aviation Museum and AMA Plans Service, which has more than 14,000 sets of plans on file. Ask to see Greg Prater and he can either enlarge plans or reduce them depending on what you need. AMA has acquired all of the plans from Model Builder magazine and several other magazines.

There are a lot of us camping on-site, either at Site 3 or Site 4, so check out the competition and stay awhile too! Enjoy!



Al Kretz and his wife, Carol, putting in another flight at the 2018 Nats.



Jack Buckley with his two entries at the 2018 Nats, along with his 1/3-scale Tiger Moth, his scratch-built Mini Max, and an electric fun model.



Jeff Pike's Top Flite Cessna 310 on a landing. Take a look at those tip tanks! 2018 Nats photo.



Jeremy Arvin brings in his F4U Corsair for another landing in the Fun Scale class. 2018 Nats photo.



A World War I Eindecker E-III looks at home on the smoooooth grass runway. 2018 Nats photo.



Al Kretz's Ju 87 Stuka built from Nick Zirol Plans makes a low pass in Expert class. 2018 Nats photo.



Frank Noll with his Bob Violet Models F-16 with smoke on! 2018 Nats photo.



Dale Arvin, longtime Scale competitor and administrator, bringing his J-3 Cub in for a landing. It was built from a Balsa USA kit. 2018 Nats photo.



A rare, radial-powered J-3 Cub built from a Sig 1/4-scale kit. 2018 Nats photo.



The T-28 US Navy trainer, which is a foam ARF by Horizon Hobby, was entered in Fun Scale. 2018 Nats photo.



Event Director Carl Handley awards the first-place plaque for Fun Scale Open to Dan Landis for his P-40. 2018 Nats photo.



The 2018 Nats winner in Fun Scale Open was Dan Landis with his Top Flite P-40, which is well detailed.

RC SCALE

July 13



Steve Eagle's Cap 231 on landing approach. Today was a good day to brush up on those scale maneuvers.

By Stan Alexander (onawing4602@att.net)

This year the weather has played a role in everything around Muncie, Indiana. Friday dawned a bit cooler, but much more windy. The weather has turned out to be another beautiful week and we are looking forward to a sunny weekend of great competition!

Competitors are here from across the US, as well as judges and officials all to make this a great Scale Nats.

Static day we had crosswinds most of the day, but much lower wind speeds. Modelers from as far away as Arizona practiced with their scale beauties. We saw some new models, some that were returning, and plenty of friends.

Some of the more interesting models here this year include the Top RC FW-190 A6 version with a 92-inch wingspan and a custom paint job swinging a 24 x 10 propeller on a DA-70 engine belonging to Sonny Coleman of Texas.

Speaking of Texas, there are several contestants from Texas this year including Lawrence Harville AMA District VIII Vice President. Everyone from Texas, Tennessee, and Alabama pitted next to each other this year and fun has been had by all.

Another different airplane you don't see that often was a PZL Warszawa-Okęcie Wilga built originally in the Czech Republic. The Wilga is used for Aero-towing, STOL take offs and landings on short strips, and many other utility rolls. This Wilga has a wingspan of 146 inches and weighs in at 50 pounds. The big utility aircraft is powered with a Moki 250 radial engine. We look forward to seeing Adam Grubb making flights with it Saturday during competition.

Using the grass field seems to have increased the World War I and biplane entries this year. Any tail dragger or conventional gear airplane

generally loves flying off a smooth grass field. AMA has done an excellent job in field preparation on this runway. I've watched them cut the same area trying not to kill the grass, but cut it as close as possible for any size scale model. Thanks guys!

Carl Handley and crew are doing a great job handing the administrative and judging part of the competition. Looking forward to Saturday! See you there!



Darrell Abby hold his Marquart Charger while Tim Lovett helps during static judging.



The field of models and the pit area all on that beautiful smooth grass field.



Al Kretz's wife, Carol holds his JU-87 Stuka built from Nick Zirolì Plans with a 100-inch wingspan.



The "Texas Boys" including Tim Lovett, Darrell Abby, Lawrence Harville, Johnny Hunt, Sonny Coleman all having a good time!



The Wilga in flight with pilot/builder Adam Grubb at the sticks.



Longtime father and son team Gary and Hal Parenti preparing Hal's Ryan Fireball which is a unique airplane powered by both piston and jet engine.



Will Beranger's P-47 SNAFU on its takeoff roll. We've never seen a P-47 that didn't fly great.



Another of Steve Eagle's models the 1/4-scale Fokker DVII from a Balsa USA kit painted up in Russian colors.



Joe Vermillion from Balsa USA with his Balsa USA Spad XIII at 1/4 scale making a strafing run here.



David Folk's Balsa USA 1/3-scale J-3 Cub about to lift off that beautiful grass.

Cowl and engine details on David Folk's J-3 Cub, powered by a G-62 engine.

RC SCALE

July 14



Hazel Sig, NASA President Mike Barbee, and Allen Goff Saturday night at the induction ceremony for RC and CL Scale hall of fames.

By Stan Alexander (onawing4602@att.net)

Wow! What a perfect day! Yes, there was a little wind from the southwest, but everyone had a great time flying the first two rounds of competition Saturday in Designer Scale, Expert, Open class, Sportsman, and Open Fun Scale and Novice Fun Scale classes.

One member, John Borton, with his scratch-built electric Pietenpol Air Camper did have an accident. He accidentally bumped the throttle on the radio with his hand. It was live and it cut three fingers, both legs, and other areas before he could get away from the thing. Always, but always, when you work on electric-powered models, especially large electric-powered aircraft, remove the propeller before working on them or powering them up. A quick trip to the hospital by RC Event Director Carl Handley and some first aid by Joe Vermillion got things taken care of. I've had the same exact thing happen—not fun at all!

Hal Parenti was the “youngest” competitor at the Nats this year entered in Designer Scale with his Ryan Fireball. Hal has a new model of this aircraft waiting for test flights and next year, we hope to see Hal back with it in competition. If you've ever researched a Fireball, they were a post-World War II fighter powered by both a turbine and a piston engine. This was done due to turbines not being very powerful

at the time. Hal is attending with Gary, his son, and Hal is now 93 years young. He has been a Nats winner 18 times.

We had a visit from Hazel Sig out at the field and Hal Parenti and her got together and talked about good times at the Nats, Hazel's involvement in AMA and aeromodeling in general and, of course, SIG Manufacturing. Great to see her always.

The Saturday evening banquet was held at the Minnetrista Cultural Center here in Muncie, Indiana. Control Line Scale Event Director Allen Goff set all of this up and it is a great venue. The meal was the best banquet I've attended anywhere in Muncie.

National Association of Scale Aeromodelers (NASA) inducted 11 members into the RC Scale Hall of Fame Saturday night, and unfortunately, many are gone from us already. The inductees include Bob Underwood, NASA's founder and first president, Hal Parenti, Dave Platt, Frank Tiano, and of course Mrs. Hazel Sig, who was inducted into both the CL and RC hall of fames, the late Bob Wischer, Dolly Wischer, George Buso, Steve Sauger, Skip Mast, and Claude McCullough.

More on the competition tomorrow with the final results in all classes as well as some good photos in the sunny weather we are having here in Muncie!



Hazel Sig and Hal Parenti having a great time talking about past Nats and modeling experiences. Great to see them both back here again.



Mike Barbee shutting down his Team Scale entry with Will Berringer as the pilot this year.



Terry Nitsch's BVM EDF MIG 15 entered in Fun Scale Open features air brakes and a drop tank, as well as an electric-ducted fan and a DX18 Spektrum radio system.



The Wilga by Adam Grubb makes a pass, with a wingspan of 146 inches. It's one of the largest models at the Nats this year. Great detailing Adam!



Working on models in the pits is sometimes necessary to make that next round of flight competition!



Dale Arvin's Fokker DVII on a take-off roll on some very smooth grass. The 1/4-scale model is powered by a Laser 240 V twin controlled with a Futaba radio system. It was built from a kit by Balsa USA.



Larry Folk's 1/3-scale Top Cub on a flyby. This veteran model has some fantastic detail and is one of several 1/3-scale Super Cubs in competition this year.



Mike Barbee's Beech King Air lifting off on the first round of competition. The electric-powered motors each use four 5000mah 6-cell packs.



The Laser 200 by Joe Grubb, father of Adam Grubb, is built from a Lanier kit with a wingspan of 102 inches and power from a 3W 70cc gas engine.



The morning glint of the sun on silver dope and aluminum is breathtaking on Jack Buckley's 1/3-scale Tiger Moth entered in Expert class. Great details on this one.



The J-3 Cub by Tim Dickey from Chandler AZ traveled farther to this year's Nats than anyone. The striking paint scheme of black and yellow really stands out with the 3-cylinder radial engine. The full-scale Cub was one of 10 built by Piper for testing for this engine set up.



The Marquart Charger MA-5, by Darrell Abby of Bedford TX, entered in the Open class. The full-scale aircraft is based in South Carolina and won the 2009 Oshkosh Grand Champion Plans Built aircraft.



Hal Parenti's Ryan Fireball with scale exhaust exiting the tail from the simulated turbine engine on the taxiway before flight in the first round.



This BVM F-16, entered by Jason Bauer in Open Scale, makes a pass before blasting by the pits.



The T-34B, built by Mike Barbee and flown by Will Barringer in Team Scale, coming in for a landing. The 155-inch wingspan model is completely detailed with fiberglass construction.



This Top Flite P-40, entered in Fun Scale by Dan Landis, is making a military roll during his second flight on Saturday. It is powered by a DA-50 using a JR radio system.



The Pitts S2B, entered in Fun Scale Open by Tim Lovett from Texas, has a wingspan of 68 inches and is flown with an Airtronics SG10 radio system powered by a DLE 55.



Dale Arvin and son Jeremy working together as pilot and caller. These two are true teammates and work to help each other in competition. Glad to see them here!

RC SCALE

July 15



Terry and Shelia Nitsch, with their winning BVM Models MiG-15 60-inch wingspan model, squeaked to a .25-point win in Fun Scale Open. Terry uses Spektrum radio systems.

By Stan Alexander (onawing4602@att.net)

After a beautiful Saturday, Sunday dawned with cloudy skies and the threat of thunderstorms. We were out early scrambling to cover models under tents and pull sides down on canopies. The storms then sort of side slipped the AMA site and we didn't receive more than a few sprinkles.

Round 3 started around 8:30 a.m., and the conditions were great for flying competition. Several pilots put in their best flights of the weekend.

Pilots got things together mechanically and mentally to finish the two rounds of flight in great shape. One modeler, Randy Adams, who had ignition issues all Friday and Saturday, finally gave up on one airplane and brought the other one to win first place in Sportsman class with his Fokker D.VIII to win Sportsman.

The Flying Razor, as it was called in World War I, was built from a combination of a Balsa USA kit and parts from Glenn Torrance. Construction is balsa, plywood, and aluminum. The 88-inch wingspan model is powered by a G-26 engine.

Why do so many scale modelers use Zenoah engines? Well, they are shorter than other engines, and with a limited cowl space in which to mount an engine, it helps to have a shorter total length.

Open Scale is where you can finish someone else's model or buy it and detail it, add your documentation, and go enter a Scale class. They are static judged just like in Sportsman, Expert, and Team Scale. Ted Roman finished in first place with his 1/3-scale Balsa USA Piper Super Cub in Belgium Air Force colors. The 98.7 static score was impossible for the others to overcome. Add two great flights, and it was all over in this class. Jason Bauer finished second in Open Scale with a BVM F-16, while Tim Dickey from Arizona finished third with his unique radial-powered J-3 Cub.

Jack Buckley continued his dominance in Expert class with his 1/3-scale Tiger Moth. The huge Moth is pretty much scratch-built except for the wing ribs. Mike Barbee finished second with his big Beechcraft King Air, featuring electric motors with a 5,000 mAh 6-cell battery pack for each engine. The big twin flew great with a few bumps on the last flight. Larry Folk topped out in third place with his veteran 1/3-scale Super Cub.

In Designer Scale, Jack Buckley once again flew his Mini-Max ultralight airplane to a first-place finish, while Hal Parenti and Al Kretz had mechanical problems that pretty much took them out.

Joe Vermillion won in Fun Scale Novice with the 1/3-scale Fokker D.VII built from a Balsa USA kit—imagine that! Johnny Hunt was

second with his Supermarine Spitfire from a Phoenix ARF. Daniel Rodrigues rounded out the top three with his Cessna 170, which flew very smoothly.

Fun Scale Open was a hard-fought class with 19 entries. By the last round of flight competition being over, there was a three-way tie for second place between Will Barenger, Jeremy Arvin, and Dan Landis. A tiebreaker had to be used, with all three of these pilots having a final score of 103.250. Steve Eagle was so close with a score of 103.125 and finished fifth with his Fokker D.VII.

The others in the tie finished as follows: Will Barenger second, Jeremy Arvin third, and Dan Landis fourth.

Terry Nitsch finished first in the class with his MiG-15, which was built from a BVM composite kit and electric ducted-fan powered. The

60-inch Soviet fighter also featured speed brakes, brakes, and drop tanks. Terry uses a Horizon Hobby Spektrum DX18 radio system to control the model, and he won the class by .25 of a point!

We would like to thank all of the judges, officials, administration, and the AMA grounds crew for all of the work they put into this Nationals Championships.

Sponsors: NASA, ZAP Glue, Modeler's Reference, Toys Forever Models & Hobbies, Fellowship of Christian Modelers, Balsa USA, Brodak Manufacturing, Frank Tiano Enterprises, Falcon Props, Down and Locked, Electrodynamics, Tru-Turn, Horizon Hobby, and Barbee Concrete.

See you next year and fair skies and tail winds.



The big P-47 continues to be a popular model with wide landing gear and great flying characteristics. This one by Jerry Nugent finished fifth in Open Scale.



Larry Folk's Top Cub built from a Balsa USA kit finished third in Expert this year. A veteran model, the big, yellow Super Cub continues to perform at the top level.



The Sig Spacewalker has been a popular kit for decades and for good reason. They fly great. Brian Taylor flew this 1/3-scale model to a second-place finish in Sportsman class.



Sometimes it happens to all of us—a nose-over with a conventional gear model just happens. The outer part of the runway was much rougher than the inside portion.



This P-40 by Dan Landis is from a Top Flite ARF. Dan detailed the model and put some special touches on it to create this beauty. It finished fourth in Fun Scale Open.



This Mini-Max, designed and built by Jack Buckley, was entered in Designer Scale and won first place. The little homebuilt aircraft are all over the nation. This one flew great with a Saito four-stroke engine.



Randy Adams' Fokker D.VIII pulling out after an aborted landing, called an overshoot maneuver on his way to winning first place in Sportsman class.



Joe Vermillion's Fokker D.VII 1/3 scale on his way to winning Fun Scale Novice. The large WWI model has a G-62 on belt drive for power. The kit is by Balsa USA.



Randy Adams' Fokker D.VIII on a takeoff roll. I love the details he's added to the model.



Ted Roman's Balsa USA Super Cub in Belgian Air Force colors won in Open Scale. The big 1/3-scale model is powered by a DLE .55 and controlled by a Futaba T14SG radio system.



Lawrence Harville, AMA District VIII vice president, flying his model and talking to the judges at the flightline. Lawrence flew in Fun Scale with a SE-5a.



Johnny Hunt from Texas flies his Spitfire with his caller and mechanic at the flightline on Sunday.



Johnny Hunt preparing to take off with his Supermarine Spitfire as his caller Tim Lovett looks on.



Terry Nitsch accepting the first-place Fun Scale Award from NASA President Mike Barbee.



Jack Buckley accepts the first-place trophy from Mike Barbee for his win in Designer Scale.



Randy Adams is enjoying his win in Sportsman with Mike Barbee! Way to go Randy.

2109 RC Scale Results

Sportsman Scale										Static score
Rank	Name	Model	Static	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Flt.	Entry
1	Randy Adams	Fokker DVIII	96.2	83.25	87.25	92.75	83.25	186.2	346.5	96.2
2	Brian Taylor	Spacewalker	88.5	87.75	89.5	91.25	93.25	180.75	361.75	88.5
3	Carl Handley	Sopwith Pup	85.4	25.75	85.25	86.5	0	171.275	197.5	85.4

Fun Scale Novice									
Rank	Name	Model	Bonus	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Flt.
1	Joe Vermillion	Fokker DVII	5	90.5	92.75	93.75	97.75	100.75	374.75
2	Johnny Hunt	Spitfire	5	92.25	88.5	89.5	93	97.625	363.25
3	Daniel Rodrigues	Cessna 170	5	83.5	86.75	89	0	92.875	259.25

2109 RC Scale Results

Open Scale (Advanced)										Static score
Rank	Name	Model	Static	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Ft.	Entry
1	Ted Roman	Super Cub	98.7	94	87.75	95.75	97.5	195.325	375	98.7
2	Jason Bauer	F-16C	90.9	97.25	94.5	98	99.5	189.65	389.25	90.9
3	Tim Dickey	Piper Cub	93.5	94.25	85.25	95.5	92.75	188.375	367.75	93.5
4	Darrell Abby	Charger MA-5	82.5	90.5	86.75	93.25	89.75	174.375	360.25	82.5
5	Jerry Nugent II	P-47	80	95	88	92.75	93	174	368.75	80
6	Joseph Grubb	Laser 200	80	94.5	83	90.5	93.5	174	361.5	80

Fun Expert									
Rank	Name	Model	Bonus	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Ft.
1	Terry Nitsch	MIG	5	98.5	98.5	97.75	98	103.5	392.75
2	Will Barenger	P-47	5	98.25	96.57	97.25	98.25	103.25	390.32
3	Jeremy Arvin	Corsair	5	95	98.75	97.25	97.75	103.25	388.75
4	Daniel Landis	P-40	5	92	98	98	98.5	103.25	386.5
5	Steven Eagle	Fokker D7	5	96.25	98	96.5	98.25	103.125	389
6	Adam Grubb	Wilga	5	94.25	98.5	95.75	96	102.25	384.5
7	David Folk	Piper Cub	5	90.75	96.75	94.5	95	100.875	377
8	Jeff Black	P-47	5	85.75	95.5	94.25	92	99.875	367.5
9	Clarence Coleman	FW190	5	92	95.5	93.25	94	99.75	374.75
10	David Marenberg	Dehavilland Beaver	5	86.75	92	92.75	92.5	97.625	364
11	Lawrence Harville	SE-5A	5	90.75	90.75	92	90.5	96.375	364
12	Stan Alexander	T-28	5	83.5	89.5	86.5	90.75	95.125	350.25
13	Tim Lovett	Pitts S2	5	85.5	84	86.5	87.75	92.125	343.75
14	Edward Terry	P-51	5	80.25	91	0	0	90.625	171.25
15	Glenn Learnahan	P-51	5	83.5	79.75	77.5	0	86.625	240.75

Expert Scale										
Rank	Name	Model	Static	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Ft.	Static score entry
1	Jack (John) Buckley	DH-82A Tiger Moth	99.8	93.25	96	96.75	97.75	197	383.75	99.75
2	Mike Barbee	King Air	99	95.75	96.5	98.25	96.75	196.5	387.25	99
3	Larry Folk	Cub	98.5	94	96.25	97.75	98	196.375	386	98.5
4	Dale Arvin	Fokker DVII	95.7	70.5	90.25	93.75	93.75	189.45	348.25	95.7
5	Albert Kretz	Stuka	92.2	92.25	93	0	0	184.825	185.25	92.2

Team Scale										
Rank	Name	Model	Static	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Ft.	Static Score
1	Mike Barbee + Will Barenger	T-34B	99	98.75	96	98.5	99.25	197.95	392.5	98.95
2	Dale Arvin + Jeremy Arvin	SNJ 5	93.5	68	0	0	0	127.5	68	93.5

Designer Scale										
Rank	Name	Model	Static	Rnd 1	Rnd 2	Rnd 3	Rnd 4	Score	Tot. Ft.	Static Score
1	John Buckley	Mini Max	95	92	95	96.75	94.75	190.875	378.5	95
2	Hal Parenti	Ryan Fireball	98.7	87	55.25	0	0	169.825	142.25	98.7