

The Temple Aero Modeler

The Official Newsletter of the Temple Aero Modelers Radio Controlled Aircraft Club

April 2021



This month's meeting will be held Monday, April 26th at 7:30pm at Paul Milton's hangar (Address is 543 Runway Lane, see directions on page 4)



CLUB INFO

*Spring Picnic:
April 25th*

*Club Meeting:
April 26th*

*Night Fly:
May 14th*

2021 Officers

President: Steve Sanders 760-5194
Vice President: JR Hester 743-8838
Secretary: Frank Sodek 295-6204
Treasurer: Buster Hinkle 718-0243
Safety Officer: Larry Macie 291-4590
Field Marshal: Paul Milton 493-1339

Instructors

Paul Milton 493-1339
Frank Sodek 295-6204
Larry Macie 291-4590
Mark Cullison 773-9686
JR Hester 743-8838



On The Cover

Joe Svacina was out at the field recently with his superbly detailed J-3 Cub.

Frank Sodek – Editor 295-6204
Mark Cullison – Editor’s Assistant 773-9686

Temple Aero Modelers Event Schedule

Apr 25	Spring Picnic	1:00pm
Apr 26	Club Meeting	7:30pm
May 14	Night Fly	6:00pm
May 24	Club Meeting	7:30pm
Jun 11	Night Fly	6:00pm
Jun 13	Sanctioned Fun Fly	11:00am
Jun 28	Club Meeting	7:30pm
Jul 16	Night Fly	6:00pm
Jul 26	Club Meeting	7:30pm
Aug 13	Night Fly	6:00pm
Aug 30	Club Meeting	7:30pm
Sep 10	Night Fly	6:00pm
Sep 26	Fall Picnic	1:00pm
Sep 27	Club Meeting	7:30pm
Oct 3	Fall Fun Fly	1:00pm
Oct 8	Night Fly	6:00pm
Oct 25	Club Meeting	7:30pm
Oct 27	End of New Pilot Training	5:00pm
Nov 5	Night Fly	6:00pm
Nov 29	Club Meeting	7:30pm
Dec 3	Night Fly	6:00pm
Dec 12	Toy Fly	1:00pm
Dec 13	Christmas Banquet	6:30pm

Club business meetings are held on the last Monday of each month, with the exception of May (pulled up one week because of Memorial Day) and December (replaced by the Christmas Banquet).

On Facebook: @TempleAeroModelers

On the web at: www.templeaeromodelers.org

Web Master: Mark Cullison
mcullison1@aol.com

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President's Report



THE APRIL CLUB MEETING WILL BE HELD MONDAY APRIL 26, 2021 AT PAUL MILTON'S HANGAR BEGINNING AT 7:30 P.M.

Once again we will be meeting at Paul's hangar for our monthly meeting. We had a busy month with our Wednesday afternoon New and Returning pilot training getting into full swing. There was also a Night Fly event, and we will be having our yearly Spring Picnic on Sunday April 25th. We had a few date changes on our event calendar last month, so be sure that you are operating with the most current revised schedule.

Bring your family, your appetite, and some airplanes to fly this Sunday April 25th. We will kick off the event at 1:00 P.M. with a pot luck dinner that always has enough tasty grub to feed a small army or in this case, a hungry RC airplane club. We have some good cooks associated with the club, and they never fail to provide a good meal. After the meal, Larry Macie has come up with another contest that will most likely require a lot more luck than skill. The First Annual (or possibly First and Final) Walmart foam glider accuracy drop will take place. As mentioned, luck is essential in this contest that I'm sure will be having the rules made up until the first pilot starts the event. It should be good for some laughs and maybe even some skilled planning and execution. It should be entertaining!

There was a Night Fly held on April 9th that I'll rely on those who attended to give a report. I missed that event due to a little shoulder surgery. I'm sorry that I couldn't attend, but I would not have been a really happy camper to be around at that time due to the surgery. I have to admit that missing the event bothered me a lot because that event is always totally unscripted and subject to being a lot of fun this time of the year before the mosquitoes show up in the warmer months.

Well, that's about all I can think of that needs to be brought up. Be sure and make it out to the field on Sunday April 25th for the Spring Picnic.

See you at the flying field,

Steve Sanders

Club President stsand001@aol.com

"Reflect upon your present blessings, of which every man has plenty; not on your past misfortunes, of which all men have some." *Charles Dickens*

Meeting Minutes (March 29, 2021 meeting)

The meeting was called to order in Paul Milton's hangar by Steve Sanders at 7:31pm.

New Members/Visitors – Our two newest members (Chris Boultinghouse and Vince Rouleau) were in attendance.

Minutes – Minutes from the January meeting were approved as printed in the newsletter; the February meeting wasn't held.

Treasurer's Report – The Treasurer's report was read by Buster Hinkle, Treasurer. Motion to accept the report was made by Paul Milton, seconded by Chris.

Safety Officer's Report – Larry Macie mentioned that everyone was abiding by the rules, please keep it up.

Field Marshal's Report – Paul gave a lengthy rundown of some of the tasks that are required to keep our flying field in tiptop shape, and made a signup sheet available so that he would have contact info of those wanting to help. Tasks included mowing, weedeating, restroom repairs, runway crack sealing, trashcan emptying and equipment maintenance.

Paul mentioned that the mower needed new blades. Steve made the motion and Larry seconded to purchase the blades; the motion passed.

Larry reported on his meeting with Art Johnson from the Corps of Engineers to discuss the issue with the three trees that were cut on the north end of our field and the mowing boundaries around the runway. Mr. Johnson got confused on the time so the meeting was by phone. Additional information will be forthcoming from the Corps; we probably will have to plant some trees to replace the trees that were cut.

Meetings will continue being held at Paul's hangar or possibly the flying field until the meeting room at Ronald McDonald House becomes available.

Announcements – None

Old Business – Frank reported that he received the Club Charter certificate and the liability insurance certificate from the AMA.

Larry reported on the Night Fly held on February 12th. It was cold and windy; Steve brought hot dog fixings for everyone's enjoyment.

Larry reported on the Fly-in-the-Taco Soup Fly-in that was held on February 14th. Larry brought a pot of taco soup and Kenny Maddux brought a pot of beans.

There was more discussion regarding the new Remote ID requirements being issued by the FAA.

New Business – The next Night Fly will be held on Friday, April 9th.

(Meeting Minutes Continued on Next Page)

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(Meeting Minutes Continued from Prior Page)

The Spring Picnic will be held on Sunday, April 25th beginning at 1PM. It will be a potluck lunch; the club will furnish drinks, plates and utensils. Larry provided details on his Glider Release competition that will take place: a small foam glider will be carried aloft on each pilot's plane to ~300' altitude and then released; the glider that lands closest to the center of the circle on the runway wins the competition.

Trip Reports – None

Blunder Awards – Vince was flying his HobbyKing T-28 when his left aileron came off and the plane spiraled into the ground. Chris was flying a helicopter in his back yard when he mistakenly hit the throttle hold switch on his transmitter, causing it to crash. Vince won the Blunder Award.

Meeting adjourned at 8:29pm.

Minutes recorded and reported by *Frank Sodek*
 Club Secretary fsodek@aol.com

Treasurer's Report



Beginning Balance: \$3,365.41

Deposits:
 Dues \$120.00
 Total Deposits: \$120.00

Expenses:
 Paul Milton (mower oil/blades/gas) ... \$170.00
 Total Expenses: \$170.00

Balance April 2021: \$3,315.41

Submitted by *Buster Hinkle*
 Club Treasurer

Here are directions to Paul Milton's hangar:

1. From the intersection of SH36 and SH317 (northwest of the Temple airport), head north on SH317 for 2.4 miles to South Whitehall Road.
2. Turn left onto South Whitehall Road and travel 0.2 mile to Runway Lane.
3. Turn right onto Runway Lane (you can disregard the warnings about being a private road) and drive 0.3 mile to Paul's hangar (you'll see a windsock and Dusty Crophopper at his hangar).



Here's a photo of the Ingenuity helicopter, which recently made it's first flight on the surface of Mars!

Photo courtesy of NASA

Ingenuity Makes its First Flight!

By Frank Sodek

I suspect you all have heard the big news already, but the Ingenuity helicopter made its first flight on the surface of Mars recently. Due to the delay in signal transmission caused by the long distance from earth (currently about 175 million miles) the helicopter had to be controlled autonomously. The first flight was short, only about 40 seconds, which involved the helicopter rising off the surface to an altitude of about 10 feet and hovering there for 30 seconds before returning to the surface. This flight was the first time for a powered aircraft to fly on another planet. To commemorate this historic event, a small portion of the Wright Flyer's covering was sent along, attached to Ingenuity.

Ingenuity weighs four pounds and stands 19 inches tall. It has two four-foot diameter counter-rotating carbon fiber rotors. A solar panel above the rotor blades charges six onboard Li-Ion batteries.

The gravitational pull on the surface of Mars is only 1/3 that of earth (which helps the craft fly) but the big issue is that the air density on Mars is only 1% of Earth's (the equivalent of being at an altitude of 22 miles on Earth), which really kills the performance of the rotor blades. Ingenuity's rotor blades compensate for this greatly reduced air density by using wide blades that rotate much faster (~2,400 RPMs) than what's needed in Earth's atmosphere.

NASA and JPL spent six years and a whopping \$85M developing Ingenuity. Another interesting tidbit for us is that several current and former AMA members in California who work for sub-contractor AeroVironment were on the development team. NASA has plans for additional longer flights for Ingenuity in the near future, assuming it survives the bitter conditions on the planet.

Frank Sodek
6124 Modena Drive
Temple, TX 76502

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