



**Volume 46 Issue 2**

**Feb 2019**

**Saints Website - [www.saintsrc.com](http://www.saintsrc.com)**

**Who's Who?**

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**Jim Benedict**  
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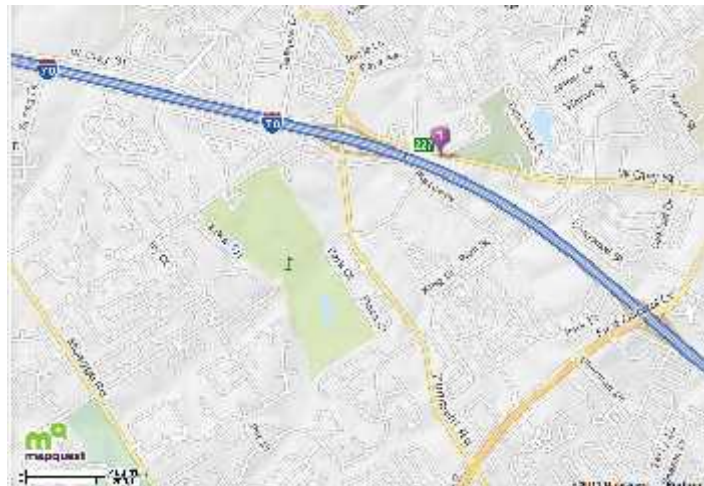
**Meeting Schedule**

**Meeting Dates:** 2019: Mar 13, Apr 10, May 8, Jun 12, Jul 10, Aug 14, Aug 14, Sep 11, Oct 9, Nov 13, Dec TBD\*

**Meeting Time:** 7pm

**Meeting Location: Mark Twain Hobby Shop**

From eastbound I-70 take the Zumbuhl exit north and turn right on West Clay. Go 1/4 mile. Mark Twain Hobbies will be on your right. The meeting room is entered via the leftmost outside door for Mark Twain Hobbies.



# Meeting Minutes

## February Meeting Minutes (2/13/2019)

The second meeting of the year was called to order at Mark Twain Hobby Shop on 2/13/2019 by our President, Richard Jenkins.

**Roll Call** – (Hawkeye) E. Morris made the roll call. (Vice President Doug Sanders was not present) There were 9 members present at this month's meeting. Shortly after the meeting, Don Sheldon sent me the roster which showed 34 total members. One member joined tonight making it a total of 35.

**Treasurers Report** - Jim Benedict gave the treasurers report. There was a motion to approve.

**Secretary's report** – approved.

**Safety report** – none.

**Field report** – Note about the gate was sent out. Frank said it was really soft at the gate. Jerry said the road is going to need graveling. He typically pays for half and the club pays for half. Jerry will be reached out to.

**Old business** – Jim Benedict said to make checks out to St. Charles RC Club.

**New business** – We talked about the FAA revisiting their ruling of attaching your registration number on your plane. It was mentioned that they were lobbying to put links that will electronically divert your drone from a commercial aircraft. You can get registration stickers from the FAA for \$5.

Bob Gizzie, renown training instructor from the Spirits of St. Louis RC passed.

Frank Eck expressed concerns about our declining membership and suggested that maybe changing the name of the club could help.

Jim Benedict expressed his concerns about declining interests in modeling stating that he can't give models away to kids.

Mike Lindsey mentioned that we are not a member of the Great St. Louis Modeling Association (GSLMA). We talked about getting representation. We talked about the decline of sports, plane building, baseball, etc.

**Show and Tell** – Tired of spending \$300 per battery pack (new/used), Mike Lindsey has embraced his ten-year-old Nitro helicopter. He stated that “across America nitro heli's are making a comeback”. Modifications he's made include a flybarless head, barometer and a gyro. Available these days, Mike described gyros that include rescue and bailout features. Anytime you sense trouble or find the helicopter in a compromising position. Typically, the trainer button on the transmitter is used to 'right the helicopter' and get you out of trouble (Auto recovery). He tilted the helicopter from side to side and you could watch the gyro sense the direction and move the blades. The helicopter uses a centrifugal clutch that engages the blades only if the throttle and pitch are advanced. He answered a question about initial gyro setting of about 40% and mentioned that a higher initial setting would cause significant gyro correction. The correction would manifest itself as intense wobbling or shaking. Mike answered a question about the effect of ultraviolet light and humidity on the barometer. When I ask if that helicopter was too heavy to fly inverted, Mike laughed as said “I don't let it get 10 feet off the ground before it's inverted !!!” He uses an OS 55 engine. He described the process of the gas tank being pressurized by a diaphragm in the engine and the use of a check valve that keeps the pressure from going back into the

engine's crankcase. There's a governor, a regulator, there's a . . . a . . . a heck of lot going on in that helicopter than I could have ever imagined! Very sophisticated, very interesting.

He described the servo checking procedure that can save your helicopter. He described a device called an icon that applies full current voltage on the servo's at startup

Next up was Jim Plonka with his Zelos 48 RC speed boat. He stated that it's the most popular boat on YouTube right now and has been clocked at speeds of 50 mph! It takes two 4s batteries in series.

Frank Eck showed his boat. Tuned pipe or 'wet pipe'.

Jim Benedict brought in a homemade holding jig for soldering wires etc. together. Here is the link to the Model Airplane News article:

<https://www.modelairplanenews.com/must-know-soldering-tips/>

**50/50** – one drawing Frank Eck.

**Attendance Prizes** – \$20 Don Bollinger

Motion to adjourn

**Here are two links to swap meets in March:**

Midwest RC club swap meet Sat. March 30<sup>th</sup>: <http://midwestairwingrc.com/>

Columbia RC swap meet: Sun. March 31<sup>st</sup>: <http://www.columbia-rc.net/swap-meet-spring-2018>

## **SHOW & TELL**

Mike Lindsey



Jim Plonka

Frank Eck

