

# ***S.P.A.R.K.S FLIGHTLINE***

The newsletter of the South Park Area Radio Kontrol Society

AMA Charter #1633

August 2016

IMAA Chapter #510

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The next meeting of SPARKS is to be held at **Flying Field** Wednesday, August 10<sup>th</sup> at **7:00**. Note this is the **second** Wednesday of the month.

Mark Szemanski won the 50/50.

## **July Minutes**

The July 13<sup>th</sup>, 2016 meeting was called to order by President Lou Mattes at 7:03 pm. 16 members were present. The minutes from the June meeting were read and approved. The treasurer's report was read and approved.

## **Club Notices**

Here are tentative meeting times and places. There will be an email if there are any changes.

Jan. & Feb. ----- No meetings

Mar. & Apr. ----- 7:00 pm at Whitehall Borough Bldg.

May to Sept. ----- 7:00 pm at the Sparks field

Oct to Dec ----- 7:00 pm at Whitehall Borough Bldg.

## **Old Business**

We are still waiting to get trees cut down at the field. We discussed the Porta-john and whether or not it was being serviced often enough. We discussed getting a bulk sealer to seal the asphalt to maintain it. We discussed bikes crossing the field and if we needed another sign on the bike path. We agreed to have a third fun fly on August 14th.

The meeting date will be the Second Wednesday of the month.

## **New Business**

There is a 25th annual Fly In event in Summersville West Virginia hosted by the Wally's Squadron Flyers. This is August 17th through the 20th. There is no charge for admission and vendors are welcome.

## **Upcoming Events**

8/13/2016 -- Hagerstown, MD (C) WARBIRDS OVER HAGERSTOWN. Site: Pegasus Rc Airplane Club. Mark Gaylor CD PH: 240-347-7136 Email: [glasswall1000@yahoo.com](mailto:glasswall1000@yahoo.com). Visit: [pegasusrc.com](http://pegasusrc.com). Sanction #16/1488. 650' Grass runway-Jet friendly. All size planes welcome, planes less than IMAA will be allowed time slots. Food available. Registration starts at 8am. \$10 landing fee. Additional contact information [president@pegasusrc.com](mailto:president@pegasusrc.com). Sponsor: PEGASUS RC AIRPLANE CLUB

Nathan Levin, Don Lesnikowski and Jim Radcliffe were voted in as new members.

9/10/2016 - 9/11/2016 -- Indiana, PA (C) IFC

FALL FUN FLY & SWAP MEET. Site: Snyder Road. Mark Diulus CD PH: 412-687-2386  
Email: [markshobby@aol.com](mailto:markshobby@aol.com). Sanction #16/1749. This event is open to all pilots with AMA membership, no landing fee, all types of aircraft (including turbines) and rotor crafts are welcome. We plan to hold a swap meet. Bring your cash and hobby items to sell. Spaces are \$20 each. Flying and swap meet are open 9am-dusk. Sponsor: INDIANA FLYERS CLUB

off. A lean engine has less lubrication and will wear out quicker.

### **Glow Engine Tuning Tips**

Tuning a glow engine may seem difficult but if you understand the basics it is easy. First you want to start by getting your ideal speed adjusted. Your engine should have instructions on what the minimum aperture gap should be. If your engine can't get enough air/gas flow then it won't start/run. A clockwise rotation opens the aperture and increases the idle RPMs, a counterclockwise slows it down. Second, you should tune the low-end mixture valve. You do this before the high end because the low end setting can affect the high end. A clockwise turn will lean the mixture while a counterclockwise turn will richen it. To determine if the low end is set right warm up the engine and let it idle for a minute. If it shuts off it is either too rich or too lean. If the engine's RPM's rev up at the last second and then the engine dies than you are running too lean. To correct this, turn the low-end mixture screw counterclockwise (out) 1/8 of a turn (always make adjustments in 1/8 turn) and retry the idle test.

If, on the other hand, it begins to wind down and you notice a change in how the exhaust sounds in the last few seconds, then your engine is running too rich. To correct this, turn the low-end mixture screw clockwise (in) 1/8 of a turn and then retry the idle test. For the high end if it fires up quickly but then shuts off it is too lean. If it chokes right away it is too rich. A more accurate way to check the top end is with an infrared thermometer. It should be around 210 degrees or the boiling point of water. It is generally better to be slightly rich and have a little less power than to be lean and have it shut