



# Gallatin Eagles

## RC FLYING CLUB

### January Events:

1, New Years Day Fun Fly, 10:00 AM  
at the field! Come prove you're an  
all weather pilot!

9, Tuesday, Meeting at church. 7:15 PM

19, Friday, Indoor Electric Fun Fly  
Grace Bible Church  
3625 S 19th. (Stuckey and 19th)  
5:15 - 9:00 PM

### February Events:

13, Tuesday, Meeting at church. 7:15 PM

### March Events:

9, Friday, Indoor Electric Fun Fly  
Grace Bible Church  
3625 S 19th. (Stuckey and 19th)  
5:15 - 9:00 PM

13, Tuesday, Meeting at church. 7:15 PM

For more information on club events see  
our website: [https://  
www.gallatineagles.org/calendar](https://www.gallatineagles.org/calendar)

### Hello All!

Well, 2017 is on final approach and 2018 is on  
the hold short line ready to take off!

I am writing you my final letter of 2017 as your  
president. The next one will be from me your  
president in 2018. Yes that is right, I am once  
again your president for one more year. Thank  
you for the support and the confidence and the  
nice thoughts from the club. This club means so  
much to me and the friends I have made along  
the way. This club has been achieving goals year  
after year and is one of the nicest in the state. I  
am so proud to be a part of it. Along my side I  
have my fellow officers that have also stayed the  
same for next year, thank you all for what you  
do. Next year will be a great year of flying and  
improvements around the field.

Last meeting along with the election of officers  
we have set some dates for the bank window,  
mall show and fun flies, so make sure to check  
out our club schedule on our website.

Our next event is our annual New Years Day Fun  
Fly. The weather looks favorable and I am  
working on getting the parking lot plowed so we  
can drive in. There is too much snow to plow the

runway so bring your skis, pontoons or belly landers. as always we will be doing unburned  
chili and hot chocolate so come out and join in the fun. **We will be starting around 10:00 am  
and go until we can't feel our fingers anymore.** this is always a great time!

Hope to see you there!

Destry

## Arizona Trip

Keith and I went to the Scale Master Qual meet in Arizona and saw some very fine aircraft. One Piper Cub was at least 45% size. I'll be going back down in time for an electric meet in Feb.

I built two more benches for Keith's shop and he's already lined up more projects for the next trip.

The forecast for next Monday is the high 20's so we should be OK with hot chocolate and unburned chili. See you there!

Chuck Curtis

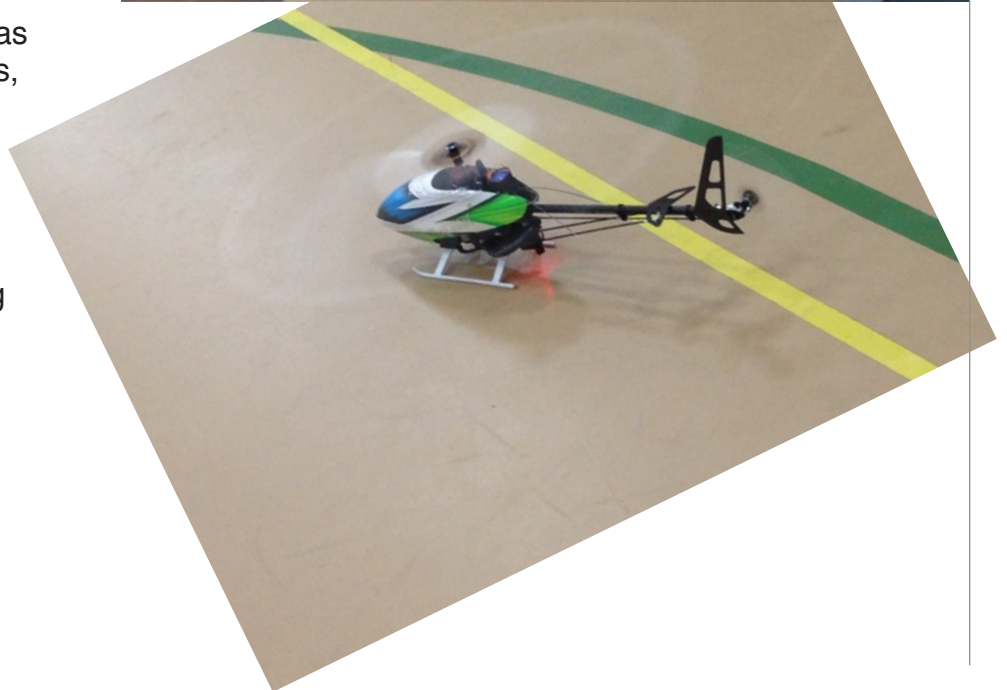
## Indoor Flying

A couple photos submitted by Brian Westberg from the December 18 indoor fun fly.

The helicopter, a 450-size is being flown by potential new member Steve (didn't get his last name, sorry!)

Brian has arranged a couple more indoor fly dates, also at Grace Bible Church's gymnasium. While it's not as spacious as The Commons, where we were able to fly last year, there's plenty of air space for slow flying, indoor appropriate fixed wing aircraft and of course, just about anything that can hover!

SJ



**The Challenge of Glow**

This last fall, I had a successful first flight of an electric ducted fan jet, which to many, would seem like a non-event. Having entered this hobby in the late '90s, I'm by no means an 'old timer', but when I started down the addictive road to RC, if one wanted to fly anything with performance, the choice was simple; gas or glow power. Some folks in the hobby were flying electric powered aircraft, but the technology was crude by today's standards. Motors were DC and speed controllers (the better ones) were pulsed to maximized battery life. Batteries, by the way, were NiCad and while they were very reliable, they were also quite heavy.

Battery technology has been rapidly improving these last couple decades, to the point where electric powered RC aircraft are sometimes out-performing glow powered aircraft of equivalent size! Adding to this, electric motors are now brushless, 3 phase motors which translates into greater power and energy efficiency! Those who are getting into this hobby today can focus more on learning to fly and less on the challenge of making an engine run reliably!

There are, however, some trade-offs. Glow and gas engines only require fuel to operate, and refueling takes only a couple minutes, whereas a LiPo battery typically takes 30 minutes or longer to charge, or a swapping of batteries for the next flight is an option. Glow fuel is a fairly safe, almost incombustible liquid in the event of a crash whereas a LiPo battery will burst into flame if significantly damaged. You can buy many tanks full of fuel for the cost of a LiPo battery, and I've never had to discard a fuel tank because it was bulging! Electrics make very little sound, give off no fumes, and are the only choice for indoor flying and neighborhood parks.

But then, there's the sound! Having recently made the transition to four stroke glow engines in a couple of my airplanes, instead of that high pitched scream of two stroke there's a nice, almost full scale like sound which, also is not as loud as the typical two stroke exhaust note. While I plan to

continue with two stroke for my combat airplanes, I will do more with four stroke engines (and electrics) for many of my other airplanes.

Old timer I'm not, not yet anyway, but I'm working on it!

Stan Johnson

**Club Officers for 2017**

|                       |                |          |
|-----------------------|----------------|----------|
| President             | Destry Jacobs  | 581-4374 |
| Vice President        | Tony Covert    | 548-4507 |
| Safety Officer        | Larry Nelson   | 599-4222 |
| Events Coordinator    | Brian Westberg | 580-3834 |
| Secretary / Treasurer | Chuck Curtis   | 587-4934 |
| Newsletter Editor     | Stan Johnson   | 585-7541 |

\*Items for newsletter, please email to: [sjohnson825@msn.com](mailto:sjohnson825@msn.com)

**Club Officers for 2018**

|                       |                |          |
|-----------------------|----------------|----------|
| President             | Destry Jacobs  | 581-4374 |
| Vice President        | Tony Covert    | 548-4507 |
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