



# Valley Flyers

885 Lancaster Dr SE  
Salem, OR 97317

October 2013



## Adding Traffic and Weather to N515ED

Once again, we have partnered with Garmin to make improvements to N515ED. This time, a GDL 88 will be installed which allows ADS-B In Traffic and Weather to be displayed on the GTNs. The GDL 88 is Garmin's solution to the upcoming ADS-B out mandate, which calls for broadcasting your GPS position to ATC. This is in an effort to modernize our national airspace system. As many of you know, over the last number of years the FAA has been installing hundreds of ground based transmitters around the country. They now have almost complete coverage in the USA. When you broadcast your position over ADS-B, these transmitters allow ATC to see your position (similar to what RADAR does now, only much more precise).

While not part of the mandate, ADS-B has additional features you can benefit from if you receive ADS-B signals, which the GDL 88 can do. What's being broadcast from these transmitters are two services known as FIS-B (Flight Information Services Broadcast) and TIS-B (Traffic Information Services Broadcast).

FIS-B provides METARS, TAFS, NEXRAD, NOTAMS, AIRMETS, SIGMETS, TFR's, PIREPS, WINDS and Temperatures. TIS-B is traffic that Air Traffic Controls sees, which is then broadcast from the ground based transmitters and received via the GDL 88. To learn more about ADS-B, go to Garmin's ADS-B Academy at <http://www.garmin.com/us/intheair/ads-b>.

While the plane is grounded, an avionics master switch will also be added and software updates will be made to the GTNs that will allow the GDL 88 connection and adds other new features. The plane scheduler will be updated once the installation schedule is finalized. Learn more about how your situational awareness can be improved by using the GDL 88 (which shows how other traffic is moving relative to you). You can also download electronic copies of the GTN Pilot's Guides on the Garmin website. In addition, if you own an iPad, you can download the GTN simulator APP <https://itunes.apple.com/us/app/garmin-gtn-trainer/id479670018?mt=8>.

## Please Help Us All Save Money

We all watch our budgets at home closely, especially when our standard costs increase. In our club, fuel is one item that we can each take some simple steps to help save money and keep our plane rates low.

- When cruising, run the power at 75% (2350-2400 RPM in the Skyhawks; 2400 RPM in the Cherokee; 21-inch manifold pressure and 2400 RPM in the Skylane).
- Watch those fuel prices when flying to other airports. Often, there are nearby airports with fuel several dollars less than your destination airport. Check prices ahead of time to see if there is a place you can safely fuel up on or near your route.
- Properly lean the engine. Are you not comfortable leaning or don't know the proper leaning technique to avoid engine damage? Review the POH for the plane you are flying or contact one of the flight instructors to ask questions. Better yet, go up for a flight with an instructor to practice. While you at it, brush up on night flying, cross-wind landings, or other maneuvers.

## New Plane Rates

As you know, we've worked very hard to maintain our low flying rates despite the rising cost of fuel, oil, and maintenance. It has been many years since the rates for the club planes have changed, but we now find it necessary to slightly increase the rates to help offset our higher costs. The following rates will become effective November 1, 2013, so they will show up on your December invoice.

N1636H	Cherokee 140	\$78/hr	No change
N12382	Cessna 172	\$80/hr	\$2 increase
N515ED	Cessna 172	\$87/hr	\$2 increase
N70754	Cessna 182	\$117/hr	\$5 increase

## Sam Solos!

Congratulations to Sam Ewen who soloed on September 19th. We all celebrate with you on this great achievement!

**Al Gray CFI**  
503.932.9374

**Dennis Wyza CFII**  
503.428.7111

**John Barringer CFI**  
503.949.5760

## Welcome...

Welcome to our newest member, Aaron Webb. Aaron is part owner of Red Tail Soaring ([redtailsoaring.com](http://redtailsoaring.com)), and is currently re-covering the wings of their Pawnee tow plane. Aaron has his commercial airplane, CFI Glider, and Advance Ground Instructor certificates as well as tail wheel, high performance, and complex endorsements. Aaron recently joined Garmin as a Mechanical Design Engineer. Welcome to Valley Flyers!

## New Web Administrator

Corey Drechsler has volunteered to be the new web administrator. Thank you for stepping into this important role that benefits each and every member.

## Want a Tax Deduction for your Flying?

Pilots N Paws is a 501c3 charitable organization that provides a means for animal rescue flights. As such, pilots who fly rescue flights are eligible to claim portions of their flight as a tax deduction. Our club rules do allow animals to be carried as long as they are in an animal crate. Pilots N Paws will provide animal crates for rescue flights. For more information, visit [pilotsnpaws.org](http://pilotsnpaws.org) or contact Brad Stoller.

## Five For Flying Out to Lunch

All it took was a quick e-mail, and all four planes and one plane from Salem Pilots were quickly booked to fly out for lunch on Thursday, September 19<sup>th</sup>. In all, 5 planes and 14 people headed out on a beautiful, sunny day for a most enjoyable lunch on the patio at the Starduster Cafe in Independence. Who knows, each sunny day we have may be the last one we see until next July...so shoot out an e-mail invitation and go grab some grub!



Have you had a memorable trip or a flying experience this last month from which others in the club would benefit, or that you would like to share? Please send your stories, tips, and pictures to Isaac Mosgrove for inclusion in future newsletters.

## Watch that Weather

Dan Kirkpatrick flew with some friends over to Nehalem Bay. While they were enjoying time on the beach, he noticed the weather starting to quickly change and decided that it was time to get out of there. The photo on the right was taken about 4 minutes after take-off. Thanks for the great reminder to keep a careful eye on the weather, especially as we enter fall.



## Free Weather Seminar

AOPA Air Safety Institute is hosting a free weather challenge safety seminar. The seminar is aimed at bolstering your real-world weather wisdom – and having a little fun too. They'll put your knowledge to the test, quizzing you on everything from METAR/TAF decoding to real-world weather scenarios. Along the way, they'll cover:

- The most important weather resources for pilots
  - Critical tie-ins with risk management and decision making
  - Weather-related accidents that didn't need to happen
  - The promise (and pitfalls) of cockpit weather
- Coordinate with some friends and head on up for a fun and educational evening.

Date: Tuesday, October 29

Time: 7:00 – 9:00 PM

Location: Holiday Inn Portland Airport  
8439 NE Columbia Blvd.

RSVP: None required

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