



The Air Bubble

**The Newsletter of the
Chicago Land Glider Council**
Est. January 17th, 1937

- January 2014 -

Board of Directors

President - Herb Kilian

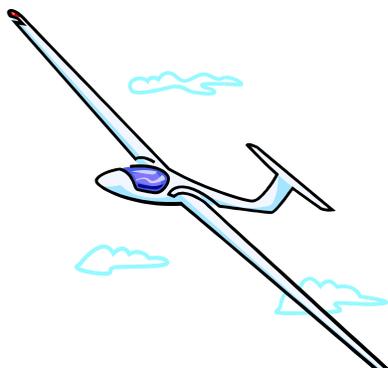
Vice-President - (currently vacant)

Treasurer - Jeffrey Mack

Secretary - John DeRosa

Newsletter Editor - John DeRosa

<http://chicagolandglidercouncil.com>



Next CLGC Meeting

“Aviation Builders

Show and Tell”

Speakers: You!

Don't Miss It!!

Tuesday, January 14, 7:30PM
Herrick Junior High School

Synopsis: Each month we have just one speaker talking about just one topic. This month we are trying something a little different. Mini-speeches by each of you as part of a classic show-and-tell!

Everyone is invited to share anything aviation related at the next Council meeting that you have built or purchased. Ideas might include: tow out gear, tie down kits, instrument panels, oxygen systems, repairs, models, R/C aircraft, crew kit, cushions/seats, apparel, emergency kit, etc, etc, etc.

You can either bring the item itself, bring photos of the work (digital on memory stick) or even give a short PowerPoint presentation. The more the merrier!

Please reply to John DeRosa (john@derosaweb.com) if you will be bringing something to share.

2014 CLGC Youth Grant!!

Deadline March 1, 2014!!

Applications are being taken for the 2014 CLGC Youth Grant of \$500. The applicant must meet all of the following requirements:

- Complete the application form (attached below).
- Be a member in good standing of the Chicago Land Glider Council as of January 1st, 2014 and,
- Be between the ages of 14 and 21 (inclusive) as of January 1st, 2014 and,
- Reside within 50 miles of Chicago and,
- Did not receive the previous year's \$500 grant (but you might win a secondary grant) and,
- Obtain a written recommendation from a Certified Flight Instructor Glider (CFIG) who is familiar with the applicant's qualifications and,
- Write an original essay of 500-1000 words on "What Soaring Means to Me..." and,
- Send all necessary documentation to the committee **no later than midnight, March 1st, 2014**

See <http://chicagolandglidercouncil.com/grant> for more details.

2014 CLGC Dues Are Due!

Please send in your ChicagoLand Glider Council dues no later than January 1, 2014. The dues are \$10 for the 2014 calendar year. Reminder that for the following clubs' members, your CLGC dues are included in your membership; Chicago Glider Club, Sky Soaring Glider Club and Windy City Soaring Association.

The 2014 membership renewal form can be found at the end of this newsletter. Please complete it and send your dues payment via check or money order to;

ChicagoLand Glider Council
5115 Carpenter St.
Downers Grove, IL 60515

Thank you for your support!

CLGC's New Treasurer!

Please welcome Jeff Mack as the new treasurer for the ChicagoLand Glider Council. The CLGC board and the membership thanks John O'Brien for his many years of service.

Anke Rudloff's First Solo

Park Forest South Aviation Group and Atlantis Soaring Society are pleased to announce that Anke Rudloff successfully completed her first solo flight at Lake Village Airport in Lake Village, Indiana, in a Schweizer 2-33 sailplane on her fourteenth birthday -- the minimum legal age to solo in gliders.

Anke, who is a freshman at Andean High School in Merrillville, IN, decided early on at age 12 that she wanted to solo in a glider. She has been working diligently towards that goal ever since, having joined the Women Soaring Pilots Association (WSPA) and attending the 2012 WSPA Seminar at Chilhowee Soaring Association in Benton TN, the 2013 Caesar Creek Youth Soaring Camp at Caesar Creek Soaring Club (CCSC) in Waynesville OH, and the 2013 ChicagoLand Glider Council (CLGC) Seminar in Elgin, IL.

Anke's diligence paid off on a blustery but sunny fall day which started with a 60 mile drive to the nearest FAA Examiner, Mr. Carl Timm, to complete the Student Pilot Certificate formalities. As it turns out, FAA Student Pilot Certificates are not handed out to 13 year-olds, so the

paperwork had to be completed early on the same day that Anke turned 14.

Although Anke was not permitted by the State of Indiana to drive a car to her appointment with the FAA Examiner on her 14th birthday, the United States of America did authorize the issuance of a Student Pilot Certificate so that Anke could be permitted to be Pilot-In-Command of a 1,300 pound aircraft.

With Certificate in hand, Anke and PFSAG crew Randy Wise and Paul Cantwell pulled out and pre-flighted the 2-33 while her dad, Uwe, prepared the tow plane. Anke's final endorsing Flight Instructor was her grandfather, Winfried, who's own first flight was also his first solo in a bungee-cord launched primary glider at age 15 in 1944 in Germany. After one more pattern tow together, both Anke and Winfried gave the thumbs up for the first solo, which Anke then completed flawlessly with an aero tow to pattern altitude under challenging crosswind conditions.

Assisting in Anke's endeavors at PFSAG also were Bill Helgersen, CFI-G, and Ted Sanders, CFI, with several flights in preparation for the big day.

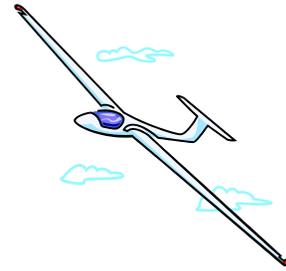
At CCSC Anke was instructed by Tom McDonald, Rich Carraway, Bob Miller, Chad Ryther, Dick Eckels, Chris Giacomo, and Lynn Alexander.

At WSPA at Chilhowee, Anke was instructed by Chuck Schroll, Mark Montague and Lukas von Atzingen.

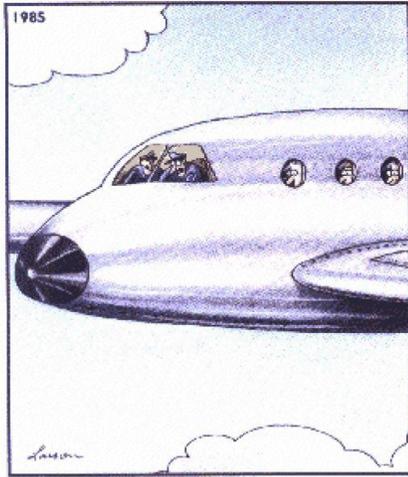
Many thanks go out to all of these dedicated soaring flight instructors and supporting organizations for playing a formative role in young Anke's personal growth. This shows that there is a tremendous community out there ready and willing to teach young people how to spread their wings and fly.

Also special thanks go to PFSAG's Walter Gleason Memorial Scholarship Fund which provided a generous scholarship grant to help Anke achieve her goal to solo flight.

Below are pictures of Anke who is all smiles and pride after her solo, and three generations of Rudloff glider pilots spanning 70 years of flying sharing in the moment: Winfried (instructor grandfather), Anke, her tow pilot dad, and mom. What a day!



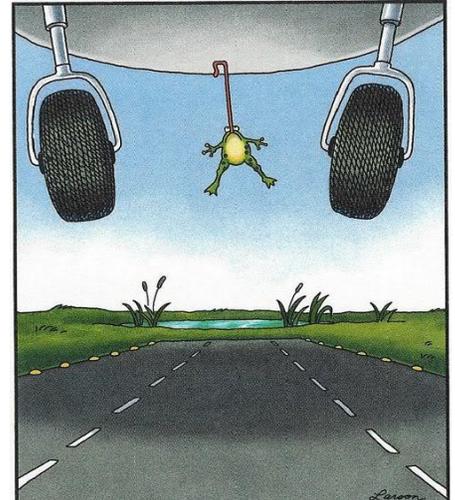
"Flight" Cartoons from "The Far Side"



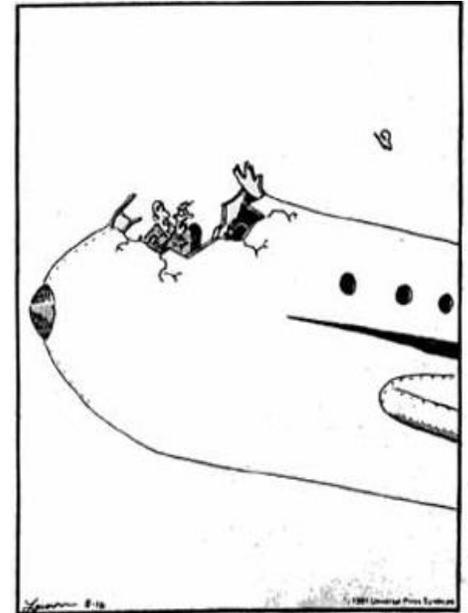
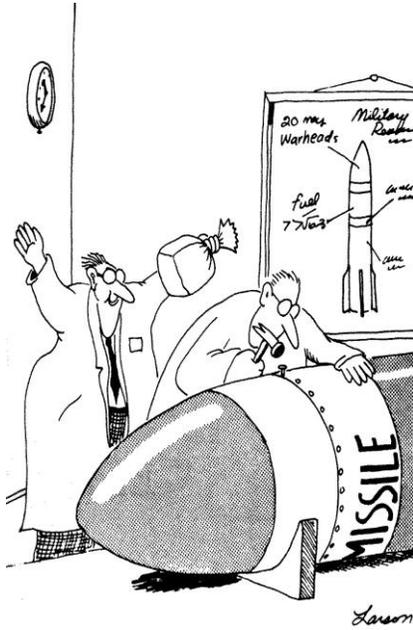
"The fuel light's on, Frank! We're all going to die! ... We're all going to die! ... Wait, wait. ... Oh, my mistake—that's the intercom light."



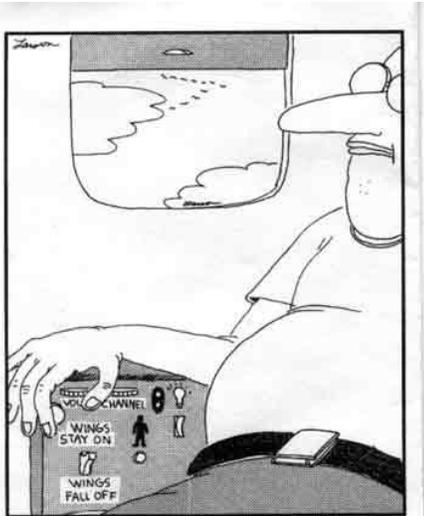
"Say ... what's a mountain goat doing way up here in a cloud bank?"



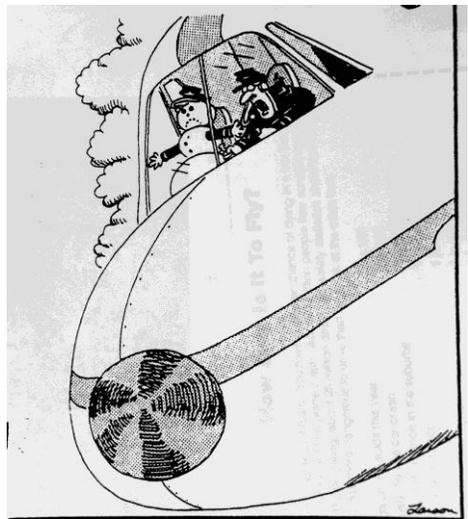
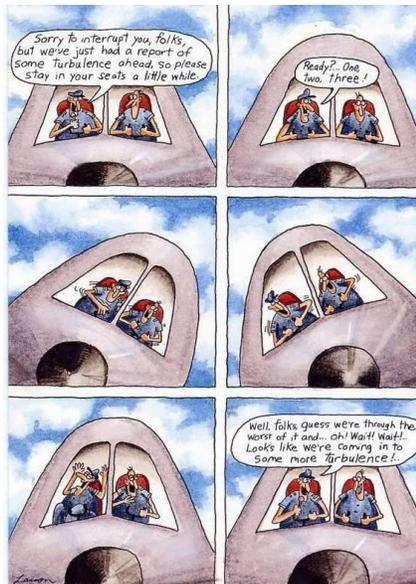
"YEEEEHAAAAAAAAA!"



"Oh, great! Now there goes my hat!"



Fumbling for his recline button, Ted unwittingly instigates a disaster.



"Mayday! Mayday! This is Flight 971! I'm in trouble! ... My second engine's on fire, my landing gear's jammed, and my worthless copilot's frozen up!"

Sunrise & Sunset How it Affects Soaring

By John DeRosa

Have you ever wondered why soaring is better in the Spring? The weather in the fall is much like that in the Spring. So shouldn't fall soaring be about the same as spring soaring? So why isn't it?

It all has to do with how much daylight is hitting the ground! During our nice spring weather we have the longest days of the year. The longer the day, the more sunlight hitting the ground! The more sunlight, the better thermals! Not to mention that the longer days allow longer flight times.

To determine just how much sun we get I gathered data from the great US Naval Observatory web site (<http://aa.usno.navy.mil>) to provide a table of sunrise and sunset times for the Chicago Area - actually

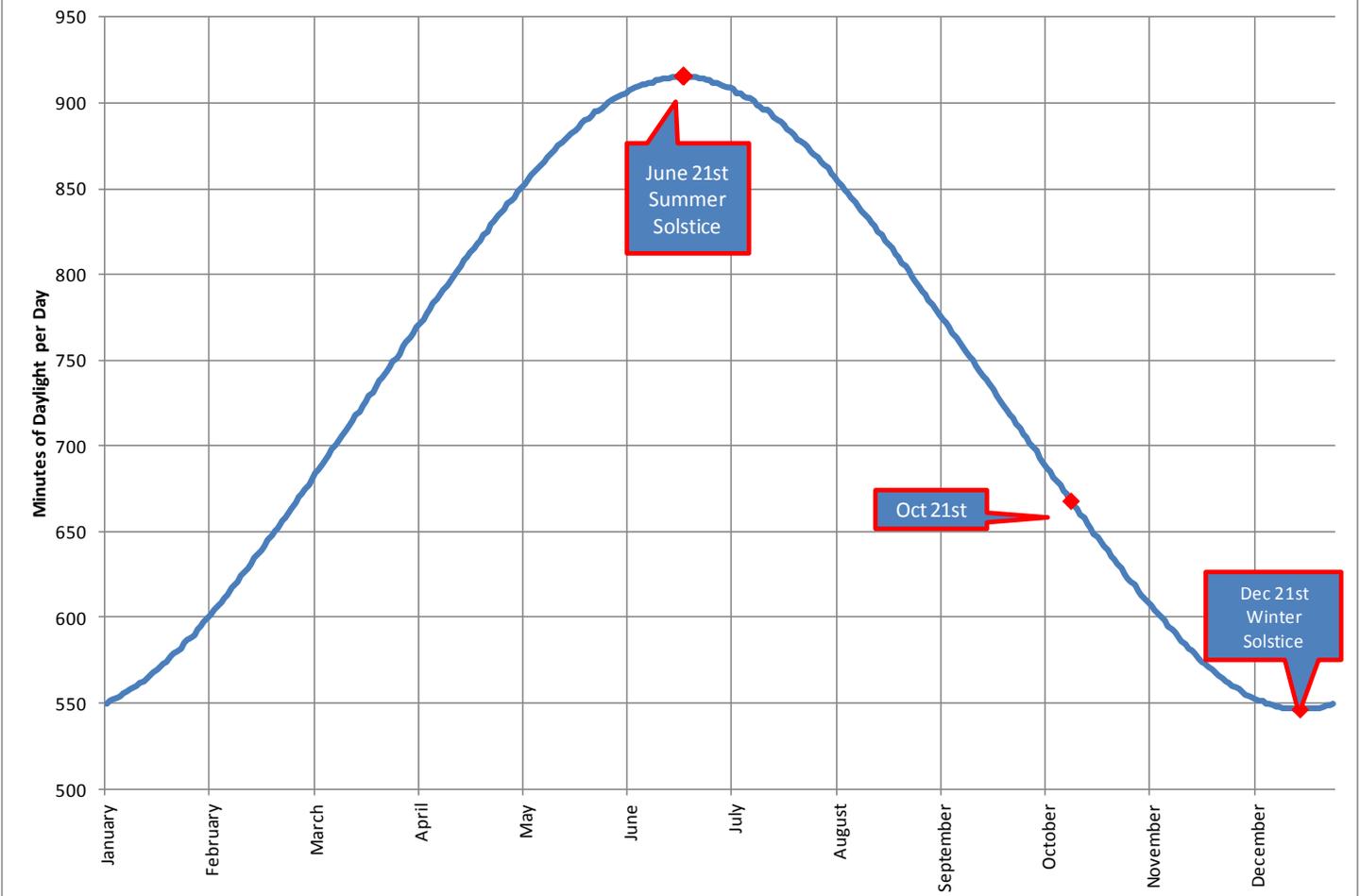
Hampshire, IL near Sky Soaring - which should be fairly representative of the Northern Illinois area.

I used the Naval information to create the chart I have included below which shows the total minutes of daylight per day for 2014. June 21st is the center of our longest days, while during the fall we have some of the shortest days of the year. The difference between Jun 21 and Oct 21 is 41% more daylight with long 15 hour days!

As you travel north the difference between the longest and the shortest days increases and, conversely, the further south you go the longest/shortest difference shrinks. For example, for the northerly gliderport for Sawtooth Soaring in Monroe, WA the daylight longest/shortest difference is 52% with a 16 hour longest day. For southerly Marfa, TX, the difference is a scant 25% with a 14 hour longest day.

My new plan? Move my soaring to Alaska!

2014 Total Daylight per Day (Minutes)



Directions to the CLGC Meeting Location

At Herrick Junior High School located at
4435 Middaugh Rd, Downers Grove, IL.

Detailed directions are available at;

<http://tinyurl.com/CLGCDIRECTIONS>

Complete details at can be found at
<http://chicagolandglidercouncil.com/grant>

Upcoming 2014 Aviation Events

- ❖ January 1 – CLGC Dues are due
 - ❖ January 12 through February 23 (Sundays)
 - Glider Ground School at Schaumburg Municipal Airport
 - ❖ **January 14 - CLGC Monthly Meeting**
 - **Aviation Show and Tell**
 - ❖ February 1 – 99's Safety Seminar, Location TBD
 - ❖ **February 11 - CLGC Monthly Meeting**
 - **Topic TBD**
 - ❖ February 27 - March 1 – SSA Convention, Reno, NV
 - ❖ March 1 – CLGC Youth Grant Submission Deadline
 - ❖ **March 11 - CLGC Monthly Meeting**
 - **Phoenix Motorglider**
 - ❖ **April 8 - CLGC Monthly Meeting**
 - **Topic TBD**
-
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Newsletter Contributions?

Pictures? Accomplishments?
Suggestions? Articles?
Speaker Topics?

Please let us know! If you have anything that you would like to have included in future newsletters or meetings.

PLEASE send them to JOHN@DEROSAWEB.COM or call 847-844-8776.

CLGC Newsletter Archive Old CLGC Newsletters Needed!!

Did you know that there is an archive of CLGC newsletters dating back to 2001 on the CLGC web site? Take a look.
<http://chicagolandglidercouncil.com/newsletter.htm>.

Do you have any old CLGC newsletters? We would love to scan them in for the archives. Contact John DeRosa at john@derosaweb.com.

Moved? New Email?

Please let us know to keep our database up to date.
Send an email to JOHN@DEROSAWEB.COM
or call 847-844-8776 Thanks!!

~ Contest Time ~ Who is this Famous Aviator?



Hint: She flies south

Contest Time Answers from
Previous Newsletters
Dec, 2013 – “Wrong Way” Corrigan →





**2014 ChicagoLand Glider Council
Membership/Renewal Application & Change of Information Form**

Membership Renewal Due Date: January 1, 2014

Please mail this form with a check or money order for \$10
made payable to "ChicagoLand Glider Council" to:

**ChicagoLand Glider Council
5115 Carpenter St.
Downers Grove, IL 60515**

Your Name _____

Your Address _____

City _____ State _____ Zip _____

Email Address (**please print very clearly**) _____

Phone Number(s) Home _____ Work _____ Cellular _____

Primary Airport and/.or Club where you fly _____

Pilot ratings that you hold (student, private, commercial, instructor, etc) _____

Type of Glider(s) that you own _____

Please check the appropriate box(es) below

New Member Membership Renewal Change of Street Address Change of E-Mail Address

Change of Telephone Change of Glider/Airport Information

ChicagoLand Glider Council

2014 Soaring Youth Grant

The ChicagoLand Glider Council Grant program is hosted under the auspices of the membership of the council and is paid by their dues. A primary grant of **\$500** is awarded each year. Other secondary grant(s) may be awarded based on merit. This grant will be paid directly to the recipient's home soaring operation and placed "on account" for use by the recipient for their continuing soaring education.

Application Requirements: The applicant must meet all of the following requirements:

- Be a member in good standing of the ChicagoLand Glider Council as of January 1st, 2014 and,
- Be between the ages of 14 and 21 (inclusive) as of January 1st, 2014 and,
- Reside within 50 miles of Chicago and,
- Did not receive the previous year's \$500 grant (but you might win a secondary grant) and,
- Obtain a written recommendation from a Certified Flight Instructor Glider (CFG) who is familiar with the applicant's qualifications and,
- Write an original essay of 500-1000 words on "What Soaring Means to Me...." and,
- Send all necessary documentation to the email address and surface mail address shown below **no later than midnight, March 1st, 2014.**

Applicant Information

Name _____

Current Age: _____ Birth date: _____ / _____ / _____

Address: _____

City/State & Zip: _____ Phone: _____

Soaring Location(s): _____

Submit this application and all required documentation to the ChicagoLand Glider Council Grant Committee via the email address listed below (required) or via the surface mail address below. The application and documentation must be received **no later than March 1st, 2014.**

The ChicagoLand Glider Council Grant Committee consists of the board of the ChicagoLand Glider Council. Decisions of the committee are final. Grantee(s) will be announced at the regular CLGC meeting during March or April.

Applications and other information is available at <http://chicagolandglidercouncil.com/grant>. Good luck!

Email to: john@derosaweb.com

Surface Mail to;

<p>ChicagoLand Glider Council Grant Committee c/o John DeRosa 35W529 Parsons Rd West Dundee, IL 60118</p>
