



# ChicagoLand Glider Council Newsletter

December, 2005

## Board of Directors

President - John DeRosa

Vice-President - Scott Wolf

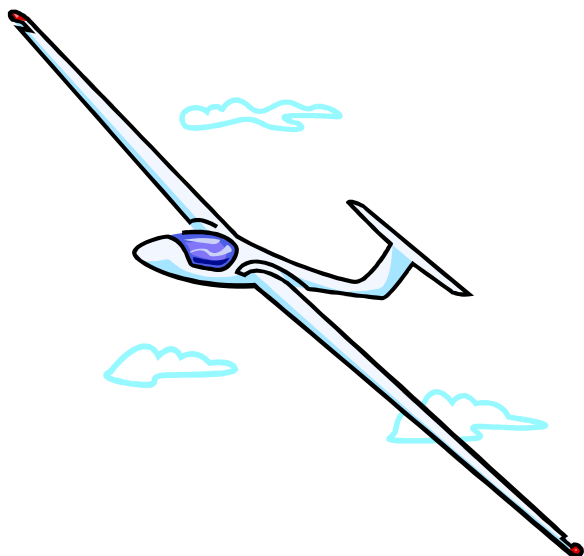
Secretary - (vacant)

Treasurer - Pat Wager

Past-President & Director - Curt Lewis

Newsletter Editor - John DeRosa

<http://chicagolandglidercouncil.com>



## December CLGC Meeting! "Illinois Aviation"

Dale Rust

Illinois Department of Transportation

Flight Safety Coordinator

**Don't Miss It!!**

December 13<sup>th</sup>, 2005

Dale Rust has been a Flight Safety Coordinator with the Division of Aeronautics for 16 ½ years, with responsibility for initial certification and recurrent inspections of airports, heliports, seaplane bases and restricted landing areas in the southern region of the state.

He soloed an Aeronca Champ in 1954 and holds ATP, CFI, CFII, MEI, Advanced Ground Instructor and Instrument Ground Instructor Certificates. His flying time includes approximately 11,700 hrs. PIC of which includes 6000 multi-engine, 3500 instructing, and 300 hours Agricultural. He was a Flight Instructor with the AOPA Air Safety Foundation's Weekend Flight Training Clinic Program - before the program was terminated, having instructed in 134 weekend clinics, primarily instrument refresher instruction. He was a Corporate Pilot for 21 years with a St. Louis firm.

## Dr William F. Cahill

Feb 25, 1929 – Oct 2, 2005



A graduate of Fenwick High School and Loyola University, where he obtained his medical degree, Dr. Cahill practiced ophthalmology in Elmhurst and Lombard for 38 years. He was a member of the physician's staff at Elmhurst Memorial Hospital. He was an avid gardener, sportsman, history buff, bird watcher and recreational pilot.

## CLGC's 2<sup>nd</sup> Annual Mid-America Soaring & Safety Seminar

Saturday, February 18<sup>th</sup>, 2006

Boy, this season's CLGC seminar going to be a great one! We have lined up the best slate of speakers yet. The legendary George Moffatt will speak on sailplane racing and the history of the sport. Thom Knauff, owner/operator of Ridge Soaring Gliderport, will speak about trying ridge soaring for fun and badges. Burt Compton, owner/operator of Marfa Soaring, and board member of the Soaring Safety Foundation, will be present the safety talk. And lastly, our own Curt Lewis will speak about buying your first glider.

This is a seminar that you simply do not want to miss. Application form is attached to this newsletter. Deadline is February 11<sup>th</sup>, 2006.

# What Does CLGC Do With Your Dues?

CLGC's current standing of cash on hand is approximately \$5,300. Income is approximately \$2,000 from dues of \$10 per member and approximately 200 members.

The CLGC will be sponsoring the CLGC scholarship again in 2006. Most likely 2-3 grants as we have done in the past, depending on how many youths apply. This should amount to \$700-\$1,000, similar to last year.

In 2004-2005 we also helped the SSA Building and Eagle funds with a \$3,000 contribution. SSA is asking again for the CLGC to help support the Eagle fund. The CLGC board will hold off on that decision until the seminar expense estimates are clearer.

The seminar will be the largest expense for the year. Last year the CLGC spent in the order of \$1,000 to put on the seminar. This year's three of the speakers (Moffat, Knauff and Compton) have each requested reimbursement of airfare.

The Council also sponsored several tables at the annual 99's aviation safety event in mid-winter and will do so again in 2006. CLGC's other costs are to support the monthly meetings and mailings (copies/postage) runs about \$1000 a year.

All in all your dues are important and hardworking indeed.

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## Understanding IGC Files

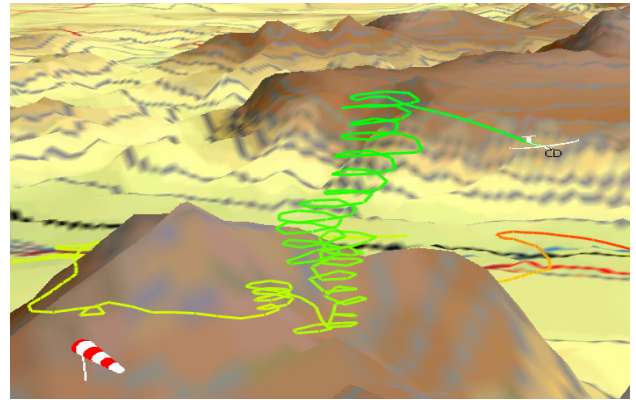
By John DeRosa

I was really quite amazed when someone recently looked over my shoulder at a list of my soaring log files on my computer...and then proceeded to tell me when the flights occurred. All by simply decoding the file names. After a little research I found that the decoding is not that difficult and then proceeded to automate it.

But first, let's talk about what an IGC file is and why they are important. IGC stands for International Gliding Commission, part of the FAI, the organization which is responsible for all Airsports involving gliders and motor gliders with the exception of aerobatics. See <http://www.fai.org/> for details.

Modern soaring flight computers and flight recorders automatically generate a very specifically structured computer file that contains (among other things) "snapshots" of the latitude, longitude and altitude along many points in your flight. Typically each point is 4-6 seconds apart so there can be many thousands of points in a flight and associated lines of information in the IGC file.

There are two primary uses for these files. The majority of these files are simply used by the pilot to review his flight by using programs such as SeeYou.



However the primary reason that this particular file type and structure was created is for use during contests, records and badge work. The requirement is for a fast, easy and secure way to score these events. For pilots who have only been in soaring for a few years, in the days before electronic flight recorders, events like these were judged by taking pictures (with real film) of turnpoints.

As you can imagine, trying to fiddle with a camera while circling in a gaggle must have been somewhat of a hair raising task. Not to mention the nerve racking wait while the pictures get developed (no digital cameras then) hoping that the pictures of your record flight didn't come back blank, fuzzy or otherwise useless. I would bet that Charlie Spratt can write an entire column about the humor and tears that must have gone on during contests and taking turnpoint pictures.

Security of the IGC files is critical to prevent any nefarious fiddling of the results. At the end of each file is a long string of numbers called a "checksum" which is mathematically calculated depending on the other information within the file. Because no two files could possibly have the same contents (no matter how close you hug the tail of that #1 pilot) each checksum will be different. If the checksum is not right, the contest scoring software will announce "checksum failed!" or another similar end-of-the-world, I'm-going-to-slit-my-wrists-now message. Words to the wise, don't poke around inside an IGC file unless you have a backup copy of it somewhere.

Now back to the naming of the IGC file and how to decode it. It isn't very complicated. Each character in the filename means something.

Example: 5AGC3WK1.IGC  
Format: YMDCXXXF.IGC

- Y Last digit of year
- M Month of year (see note below)
- D Day of month (see note below)
- C Manufacturer of logger (see note below)
- XXX Serial number of logger (3 alpha-numeric digits)
- F Flight # of day 1-9 then A-Z (35 flights max)

Example: 5AGC3WK1.IGC

Flight date: 16-Oct-05  
Recorder: Cambridge serial number 3WK  
Flight #1

If you have any questions, drop me a line at [JOHN@DEROSAWEB.COM](mailto:JOHN@DEROSAWEB.COM).

# ChicagoLand Glider Council Youth Scholarships

Each year the CLGC presents one or more youth Scholarships to a lucky member of the CLGC. We all know that the youth is the future of soaring and we must foster their efforts as often as we can. This scholarship is your CLGC dues in action in a direct and positive way. This year the primary scholarship is worth \$500. The funds are held for use by the awardee by the awardee's home club.

The requirements to apply for the scholarship are;

- Be a member in good standing of the ChicagoLand Glider Council,
- Be between the ages of 14 and 21 (inclusive, as of May 1st, 2006),
- Provide proof of a private glider pilot rating (or higher) or solo log book endorsement,
- Obtain a written recommendation from a Certified Flight Instructor Glider (CFIG) who is familiar with the applicant's qualifications and,
- Write an original typed essay of 500-1000 words on "What Soaring Means to Me....".

The deadline for applications is March 15, 2006. The scholarship application is available at <http://chicagolandglidercouncil.com>.

## Moved? New Email?

Please let us know to keep our database up to date. Send an email to [JOHN@DEROSAWEBCOM](mailto:JOHN@DEROSAWEBCOM) or call 847-844-8776 or use the attached form.  
Thanks!!

## AVIATION CLASSIFIED ADVERTISEMENTS



### 1971 Schredder HP11A 15-meter

Call A. Baumgartner  
773-348-4412 (eve)

<http://www.HP11.binaryoven.com>



### For Sale: Pw-5

Serial number-17.07.020 manufactured in 1997, first registered in 2001. Low hours - 350. Standard instruments, Cambridge 302, flight recorder negotiable. Included excellent 2002 Avionic fiber top trailer, wing stand, tail-dolly, wing covers, based out Chicagoland area. Very nice package with the price that is hard to beat. \$23,000.00. Contact: [gregg\\_kurek@hotmail.com](mailto:gregg_kurek@hotmail.com) or call: 678.591.6231

### Newsletter Contributions Anyone?

Please let us know what achievements are taking place at your club or with yourself can include them in future newsletters. If you have any information or photos and advertisement that you would like to have included in future newsletters please send them to [JOHN@DEROSAWEBCOM](mailto:JOHN@DEROSAWEBCOM) or call 847-844-8776. Also if you have any articles you would like to write that are soaring related, please send them as well. Any suggestions at all are very welcome!

## Calendar of Upcoming Events

- Dec 13 "Illinois DOT Aviation" - Dale Rust
- Jan 10 "SSA Badge Flying" - Judy Ruprecht
- Feb 2-4 SSA Convention, Arlington TX
- Feb 14 No CLGC meeting, see February 18<sup>th</sup>
- Feb 18 All Day CLGC Seminar - Elgin Community College
- Mar 14 FAA Representative to be determined
- Apr 4 Speaker to be determined



## XMAS Door Prizes!

The ChicagoLand Glider Council gives away door prizes at every meeting, SSA calendars, Soaring Christmas Note Cards, etc

**... but, you have to be there to win!!**

**Taken (with updates) from**  
**"On Quiet Wings - A Soaring Anthology"**  
**Edited by Joseph Colville Lincoln**

*"To help naïve newcomers avoid the embarrassment of uttering simple, declarative sentences on their radio ... we hereby present a brief "Glossary of Glider Gobbledygook" with approximate translations. "*

**Transmission** - "This is a lousy thermal – I'm gonna look for something better."

**Translation** – That clown in the 2-33 is climbing right through me!

**Transmission** - "Hey, I'm getting 10 knots on my vario."

**Translation** – At one brief moment in my erratic circling, the needle bounced to 10 knots for a split second.

**Transmission** - "Say, Fred, could you tell me if my wheel is complete retracted?"

**Translation** – How do you like the view of the BOTTOM of my fuselage HOTSHOT?

**Transmission** - "Boy, these thermals have a weird shape today."

**Translation** – I haven't centered one yet.

**Transmission** - "Stand by a moment – I'm busy"

**Translation** – My Hershey bar fell in the stick well.

**Transmission** - "I think I'll go down and stretch my legs a while."

**Translation** – My back teeth are floating, I've gotta land ... NOW!

**Transmission** - "Bill, there's some good lift north of the runway."

**Translation** – I just topped out a miserable scrap that will doubtless be dead long before you get here. Heh-heh.

**Transmission** - (During cross-country) "I'm over Boonyville."

**Translation** – That dot on the horizon might turn out to be Boonyville.

**Transmission** - (Crew to landing pilot) "I noticed a little turbulence here on the last tow."

**Translation** – Done any snap-rolls lately?

**Transmission** - "Boy, this turbulence is making me woozy."

**Translation** – So this is what it's like to fly with a hangover.

**Transmission** - (During cross-country) "Airport ground, Airport Ground, this is Romeo-Tango. Come in, Airport ground."

**Translation** – What the hell are you doing down there? Sitting in a hole?

**Transmission** - "Well, hello there."

**Translation** – You just missed my wingtip by six inches, you dismal clot.

And finally....

**Various and Asundry Transmissions**

"I think I'll go on down so we can get home before dark."

"That Q's in the west are moving away."

"I'm kinda tired – gonna let my partner fly for a while."

"My vario is acting funny – I'm gonna land and check it out."

"You know, it's just too cold up here."

**Translation** – I'm being shot down!!



Sky Soaring's Tow Plane, an L-19 "Bird Dog", appropriately shot next to a "Sun Dog".

Photo Credit: Tom Ossmann

**Directions to the CLGC Meeting Hall**

at the Herrick Junior High School located in Downers Grove, IL.



Detailed directions are available at;

<http://skysoaring.com/modules/gallery/directions>

# ChicagoLand Glider Council

## 2006 Mid-America Spring Soaring & Safety Seminar

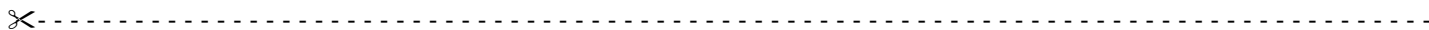
### Registration Form

Saturday, Feb 18<sup>th</sup>, 2006  
**REGISTRATION DEADLINE, Feb 11<sup>th</sup>, 2006**  
 Elgin Community College, Elgin, IL

For More Information: <http://chicagolandglidercouncil.com>  
 For Questions: <mailto:john@derosaweb.com>

Please fill out this form as completely and as clearly as possible. One form per attendee. Return the completed form, along with a check or money order (no cash please) for the correct amount, to;

ChicagoLand Glider Council Spring Seminar  
 2400 Oak Hill Drive  
 Lisle, IL 60532



### 2006 ChicagoLand Glider Council Spring Soaring & Safety Seminar Registration Form

Saturday, February 18th, 2006



*Please print or type very clearly\**

Your Name \_\_\_\_\_

Your Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address (PRINT!) \_\_\_\_\_ Phone \_\_\_\_\_

Type of Glider(s) you own, if any \_\_\_\_\_

Primary Airport/Club where you fly \_\_\_\_\_

Something interesting about you \_\_\_\_\_

<b>Fees</b>	<b>Seminar - ChicagoLand Glider Council members</b> .....	<b>\$35</b> <input type="checkbox"/>
	Includes seminar, breakfast buffet, luncheon, break refreshments and all materials	
	<b>Seminar - Non-members</b> .....	<b>\$45</b> <input type="checkbox"/>
	Includes seminar, breakfast buffet, luncheon, break refreshments, all materials and one year membership in the ChicagoLand Glider Council	
	<b>Speaker's Dinner (optional)</b> .....	<b>\$30</b> <input type="checkbox"/>
	Includes a main course, non-alcoholic drink, coffee, tea, breads and a salad. Dinner is exclusive of alcohol. A cash bar will be available near the main dining area.	
	<b>Dinner Meals Available (please choose one)</b>	
	<input type="checkbox"/> Rigatoni Mozzarella (vegetarian)	
	<input type="checkbox"/> Grilled Chicken Breast	
	<input type="checkbox"/> Grilled Salmon Fillet	

**Total Amount Enclosed (check or money order only)    \$ \_\_\_\_\_**

\*NOTE: We regret that the ChicagoLand Glider Council cannot be held responsible for lost registrations, confirmations or illegible entries.

**2006 ChicagoLand Glider Council  
Membership/Renewal Application & Change of Information Form**



Due: January 1, 2006 - Please Mail to:

**ChicagoLand Glider Council  
C/O Pat Wager  
2400 Oak Hill Drive  
Lisle, IL 60532**

Please remit \$10 via check for annual dues payable to "ChicagoLand Glider Council"

Your Name \_\_\_\_\_

Your Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address (please print very clearly) \_\_\_\_\_ Phone \_\_\_\_\_

Type of Glider(s) you own, if any \_\_\_\_\_

Primary Airport /Club where you fly \_\_\_\_\_

Pilot ratings that you hold \_\_\_\_\_

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    I want the newsletter sent via surface mail

----- Fold -----

From: Chicagoland Glider Council  
35W529 Parsons Rd  
West Dundee, IL 60118

To: