

**Caesar Creek Soaring Club**

April 14, 2020

UPCOMING EVENTS

- Apr 18 Spring Cleanup – Keith Kilpatrick **[YES, WE ARE GOING TO DO IT!]**
May ??? Ridge Soaring Trip – Rolf Hegele
May 2 WPAFB Airmen's Outdoor Recreation Intro Flights – Kevin Price
May 16 Potluck Dinner at CCSC – Linda Murray
Jun 6 [SkySoldiers reunion](#) guest soaring
Jul 12-17 [YEW-2020](#) – Steve McManus
Aug 3-7 [2020 Cross Country Camp](#) – Chuck Lohre

SPRING CLEANUP WILL TAKE PLACE THIS SATURDAY, APRIL 18

Members have been chipping away at the long list of spring cleanup projects around the gliderport, but there is still a lot that needs to be done. (The list is at the back.) Keith Kilpatrick has decided to continue with the planned workday this Saturday and John Lubon has concurred and offered to help provide a few face masks. Full compliance with the social distance guidelines is expected and should be easy with the diverse outdoor tasks that remain. Each member should bring his own safety equipment (especially gloves) and tools appropriate for the tasks he prefers to help complete.

CCSC OPERATIONS SUSPENDED UNTIL COVID-19 SITUATION PASSES

All normal operations are suspended until the current COVID-19 coronavirus pandemic has passed. This includes all scheduled crew days and Wednesday operations. The BOD is open to occasional impromptu flying, but each member is responsible for complying with the [Stay at Home Order](#) and social distance guidelines (which effectively prohibit two persons in any CCSC aircraft) and thoroughly disinfecting club equipment prior and after each use with materials supplied by the member, since the club does not have any suitable disinfectant supplies.

2020 RIDGE SOARING TRIP – ROLF HEGELE & MARK MILLER

The annual club trip to Ridge Soaring near State College, PA, is being postponed until early May assuming the 'SHELTER IN PLACE' has been lifted. We will be looking at the weather for the weeks of 4, 11, or 18 May to justify going but we will not be taking an ASK-21 since we anticipate overwhelming demand for the glider at CCSC should circumstances open up. Ridge Soaring has a Grob 103 available for use. Any questions, call Rolf or Mark.

WHICH BADGE DO YOU PLAN TO EARN IN 2020?

If you have been reading this section of the Frequent Flyer for the past two months, you have probably set a goal for yourself. Today's question is, "how will you prove that you really fulfilled the requirements?" In earlier times it was much more difficult than it is today. A device called a barograph was carried on board the glider to prove how high you went and that you had not landed, and a camera was used to document your presence at the declared turn points in the right sequence (film role remained uncut to show sequence). Those cumbersome techniques can still be used, but hardly anyone does. The current approach is to use a Flight Recorder (FR) or Position Recorder (PR) that records your GPS position coordinates and also your altitude and produces a standardized file (.igc format) required as evidence.

It is still acceptable to use the observations of the Official Observer as proof of your accomplishments for the Duration and Distance requirements, but when you go for the altitude gain requirement the time has come to acquire (or borrow) an approved FR. There are several devices from which to choose. They vary in features from something like the LXNAV Nano GPS Flight Recorder (~\$430) that is the most compact and very easy to use. It will record all the information needed to document your flight but will not provide any assistance during the flight. It is fully portable which is an advantage if you will be flying CCSC gliders to earn your badges. Some members use a Nano as a backup FR in case their flight computer fails. There are several great flight computers from which to choose which provide varying levels of navigation and thermalling assistance as well as an approved .igc file to document the flight. You will want to do your own investigation when purchasing a flight computer. Here is a [link to Cumulus Soaring](#) which is one source you will want to investigate.



Nano GPS Flight Recorder

SMART PHONE FLIGHT RECORDER

Your smart phone is **not** an approved Flight Recorder and cannot be used as evidence for a badge flight. The problem is security – the flight recorders and position recorders that are approved have been checked for file security and each file submitted for a badge is checked for security before evaluating the flight. Many things that create an .igc file do not have adequate security and they allow a user to modify the file after download from the device – that is why they cannot be used. All approved flight recorders and position recorders have enhanced file security that is used to confirm that no flight parameters have been changed since download.

However, you can use your smart phone to record flights that you would like to upload to OnLineContest. It is a great way to get started at no cost. Furthermore, we may have an informal contest this year for which OnLineContest will be used to do the scoring and your smart phone is an approved recording device (approved by Steve Statkus.) So here is one way to do it using an iPhone. Android devices use a similar process.

1. Install SeeYouRecorder on your smart phone
 - App Store
 - Search for "SeeYou IGC Flight Recorder" by Naviter
 - Install for free
2. Create an account by Registering. You may want to leave the "Contest Number" field blank when you initially register. For those who own their gliders the two or three character contest number is often displayed on the vertical stabilizer. [SSA registers numbers](#) such that only one person uses a particular number.



3. Create an account on OLC
 - <http://www.onlinecontest.org>
 - click on OK at the right side of the Login/Password block to bring up the login screen
 - Below the question: "You are not registered?" click on the "sign on" link to bring up the registration screen. Fill in the data, being sure to select Caesar Creek Soaring in the list of Standard Clubs. When all your data has been entered, click "Save Data". At that point you are registered and ready to start logging your flights.
4. Activate the Recorder prior to your flight
 - Tap the Recorder icon on your smart phone to open the App
 - Log in using the email address and password that you chose when registering.
 - Enter the correct Glider Type and Registration number in the appropriate fields.
 - Check the logging frequency (e.g. 3s)
 - Tap "Start Recording" and put your phone away where the recording process will not be inadvertently stopped.
 - When you land tap "Finish Flight" to stop the recording
5. Upload your flight data (.igc file) to OnLineContest.
 - There are a couple of ways to transfer your data from the SeeYou Recorder on your phone to the OLC website to get credit for your flight. One way is to directly upload to OLC. The software is self explanatory.
 - Another process is to email the file to yourself and then upload it at your computer after logging in to OLC.
6. Display your flight on your computer (Optional. For fun and technique improvement.)
 - Again there are alternatives. One is the SeeYou software for your computer which you can purchase for ~\$155 which will import the .igc file and enable you to analyze your flight.

BRONZE BADGE QUESTIONS

A "stick thermal" is

- A. a variometer indication of lift due to thermal lift.
- B. a variometer indication of lift due to the pilot trading airspeed for altitude by pulling back on the stick.
- C. a very tall and narrow thermal.

At 13,000 feet MSL, do FARs require oxygen use by the pilot?

- A. Yes, at all times, passengers must also use oxygen.
- B. Yes, at all times.
- C. Yes, at all times, after 30 minutes above 12,500 feet.
- D. No, it is not required at this altitude.

For flight into Class B airspace what is required? 1. student rating or better 2. private rating or better 3. radio contact 4. ATC clearance (controller permission) 5. Mode C transponder 6. transponder (mode C optional)

- A. 1, 3, & 5 are correct
- B. 1, 4, & 5 are correct
- C. 1, 3, & 6 are correct
- D. 2, 4, & 5 are correct

Which ground features are most useful for navigation?

- A. Villages and ponds.
- B. Highways and large towns.
- C. Hills and crossroads.

In addition to the standard briefing, what additional information should be asked of the weather briefer in order to evaluate soaring conditions?

- A. The atmospheric soundings to determine the thermal index at all soaring levels.
- B. Dry adiabatic rate of cooling to determine the height of cloud bases.
- C. Moist adiabatic rate of cooling to determine the height of cloud tops.

Where may the most favorable type thermals for cross-country soaring be found?

- A. Just ahead of a warm front.
- B. Along thermal streets.
- C. Under mountain waves.

Which statement is true when living in the northern hemisphere?

- A. If you stand with your back to the wind the low is on your left.
- B. If you stand with your back to the wind the low is on your right.
- C. Low pressure systems rotate clockwise when viewed from above.

What will be the effect of a steel object being placed close to an aircraft compass?

- A. The compass will seem sluggish.
- B. The compass variation will be effected.
- C. The compass deviation will be effected.

The Soaring Society of America website provides a [Bronze Badge Study Guide](#) which is designed to help prospective Bronze Badge candidates prepare for the written exam. The questions that are used for the Bronze Badge written test are now presented in the form of a quiz. This will be very helpful for pilots preparing to take the written test for the Bronze Badge, so take a look and try a practice test. An excellent list is provided with links to the fifteen references in which the full explanation of the subject matter is available.

SSD SHARES PURCHASE - ROLF HEGELE

The [Code of Regulations, Article VII, Section 5](#) requires each member to purchase and hold 12 shares of Soaring Society of Dayton dba Caesar Creek Soaring Club stock. Family members, Youth members and Active Duty Military members are exempt from this requirement, but for other members who do not yet own 12 shares of stock, SSD bills a minimum of one share per year and charges a \$5 monthly Stock Fee. The billing for 2020 shows up on your April Statement.

CCSC Spring Beautification Projects 2020

Keith Kilpatrick has assured us that Wednesdays spent at CCSC can be good for curing cabin fever even while following the social distance guidelines. There are still plenty of spring tasks that need attention, so come on out and bring your tools and work gloves. Here is the list again:

Pick up sticks in campground and around the premises **Easy** - Elbow grease any member can do

- Clean out Kitchen fridge and freezer **Easy**
- Clean out and organize glider trailer **Easy**
- Wash windows in clubhouse **Easy**
- Wash windows in glider hanger workshop **Easy**
- Clean out bottled water coolers and large igloo water dispensers **Easy**
- Rake out flower beds **Easy**
- Blow out barn floor of leaves around golf carts including around piper cub inside hanger **Easy**
- Blow off patio **Easy**
- Blow out or sweep tow plane & glider hangers **Easy**
- Straighten up and clean around wood pile and wood storage area **Easy**
- Clean out Blue bird houses throughout club **Easy**
- Touch up any paint on clubhouse “ wire brush or scrap peeled areas” Check men’s restroom closet for supplies **Easy**
- Paint office door and front club entrance door white enamel “remove any stickers or artwork prior to paint” **Easy**
- Trim trees, bushes, & decorative grasses in campground **Moderate** – May require some lifting
- Power wash patio floor, chairs and tables **Moderate**
- Move old cedar logs at west end of campground to burn pile **Moderate**
- Move cut logs at pond to wood pile for splitting **Moderate**
- Cut down any dead trees and move logs to wood pile for splitting **Hard** - “requires special tools”
- Spray oil rollers on glider hanger doors tighten up nuts on several hinges **Hard**
- Install 1 windsock west end “new windsock in office” **Hard**

Note: Some tools found in the tractor barn workshop

Keith 513 208-3622

CCSC CROSS COUNTRY CAMP, AUGUST 3 -7, 2020 - CHUCK LOHRE



Gliders finishing a race photo by astir698. The vapor you see is from the dumping of water ballast. Gliders load up with water before they launch and get rid of the extra weight before they land. A heavier glider will fly faster, increasing distance and speed points for the flight.

Sailplane cross country flight with high performance gliders is an exciting and challenging way to fly. Plan now to take advantage of this rare opportunity for training and mentoring right at home at CCSC. Each day a different course will be chosen by the pilots and the [OLC scoring program](#) will choose the best 2.5 hour segment for scoring. Depending on the weather conditions maximum

distance race around the course within a typical 2.5-hour period might be 150 miles. Participants will fly as far away as Columbus, north of Dayton and nearly to Indianapolis. The daily course stays at least 30 miles away from the Northern Kentucky, Greater Cincinnati airport.

At the camp, experienced pilots will take a small group of gliders out on course. Typical groups may include medium performance gliders like ASW 15, LS 4, Libelle, and LS 1 going to Clinton, Green County, Dayton Wright, Lebanon and back home. Another lower performance group might include 1-26, K6 or AC-4 Russia following the leader to Red Stewart airport three miles away and then on to Lebanon six miles more and then fly eight miles back to CCSC.

Are you ready? Read more about the [details on the CCSC website](#) and save the dates: Aug 3-7

HELP FINDING SOMEONE TO SWAP CREW DAY ASSIGNMENTS

A [web-based process for facilitating swapping crew day assignments](#) was announced in the 2/21/2017 Frequent Flyer along with instructions for using the system. This process is intended to help members find another member who will agree to swap crew duties for one specific set of dates. It is not for getting reassigned to a different crew for an indefinite period. Mark Miller is now the person who oversees crew assignments, so Mark is the one to whom you need to speak about a long-term change.

Remember that UOP 2.2 CREW MEMBER DUTIES states: "All crew members are to report for duty at 9:30 AM and work until released by the Crew Chief. Each crew member is personally responsible for arranging for a qualified substitute in case of his or her absence. Scheduled crew members are expected to be present for each of their scheduled crew days regardless of flying conditions." This new process does not relieve any crew member from the responsibility for arranging for a qualified substitute and informing the crew chief; rather it is intended to help accomplish that task. As of 3:00 pm on 4/14/2020 there are no requests for a member to swap or substitute a crew day.



Jonny Stewart is now Skydive Sports! He is providing a drop off service right here at CCSC. If you need your parachute repacked, just leave it in the CCSC office and fill out one of the service cards and attach it to your rig.

Contact Us

Phone: 937-267-1733

Email: skydivesports@gmail.com



<https://www.facebook.com/skydivesports/>



<https://www.instagram.com/skydivesports/>

FOR SALE: 1982 ASW-20

N31TS
TT1307
\$35,500
New Canopy,
New Interior,
ClearNavII,
Cobra Trailer
Get complete
Specs:
n11rdbird@att.net
Rolf
937-271-5003



Schweizer SGS 1-23, S/N 14, MFG Date May1950, includes open trailer. Has won vintage sailplane awards. Contact Thomas G. Bonser.

CCSC GROUND CREWS:

1ST SATURDAY

CC: Steve Fenstermaker (cell: 937-581-7713)
ACC: Dick Huskey. **Tow Pilots:** John Armor, CR Gillespie. **Instructors:** Paul McClaskey, Tom McDonald. **Crew:** Jul Alvarez, Dan Beans, Gerry Daugherty, Mark Hanlon, Waseem Jamali, Joe Jaap, D. Mattmuller, Kevin Price, B. Sanbongi.

1ST SUNDAY – Training Crew

CC: Mike Karraker (cell: 937-830-0627) **ACC:** Mark Miller. **Tow Pilots:** Norb Maurer, Andy Swanson. **Instructors:** Manfred Maurer, Bob Miller. **Crew:** Don Burns, Bill Clawson, Christian Maurer, Eran Moscona, Dave Rawson, Dieter Schmidt, Joe Zeis.

2ND SATURDAY

CC: Dick Holzwarth (cell: 937-542-9612) **ACC:** Jim Marks, Bob Root. **Tow Pilots:** Brian Mork, Haskell Simpkins. **Instructors:** Bob Anderson, Bill Gabbard. **Crew:** Booker Atkins, Jim Fox, Bill Hall, Ron Kellerman, Jim Suda, Lizz Suda.

2ND SUNDAY

CC: Dave Menchen (cell: 513-313-2315) **ACC:** Lucy Anne McKosky. **Tow Pilots:** Lorrie Penner, Gordon Penner, **Instructors:** Jim Goebel, Tom McDonald, Tom Rudolf. **Crew:** Val Boehm, Dave Conrad, Al Dunn, Fred Hawk, Mike McKosky, David Wrinkle.

3RD SATURDAY

CC: Maury Drummey (cell: 513-871-1998) **ACC:** Rolf Hegele. **Tow Pilots:** Don Green, Steve McManus, Dick Scheper. **Instructors:** Charlie DeBerry, Tom Lepley, Sami Rintala, Chris Uhl. **Crew:** Jim Dudley, John Dudley, Norm Leet, Charlie Maxwell, Ethan Maxwell, A. Quinn, Joshua Rising.

3RD SUNDAY

CC: Dan Miner (cell: 614-395-3953) **ACC:** Otis Lewis **Tow Pilots:** Tony Bonser, Tim Christman. **Instructors:** Dick Eckels. **Crew:** Jacob Dunnohew, Brian Stoops, Tony Rein, David Whapham, Ian Wolfe, Mark Crosten, John Konoratowiz

4TH SATURDAY:

CC: Chuck Lohre (cell: 513-260-9025) **ACC:** Ethan Saladin. **Tow Pilots:** Guy Byars, Tony Deatherage, Larry Kirkbride. **Instructors:** John Atkins, Joe Jackson. **Crew:** Ross Bales, Edgar Byars, Andrew Dignan, David McMaster, Henry Meyerrose, John Murray.

4TH SUNDAY

CC: Steve Statkus (cell: 513-720-8955) **ACC:** Keith Kilpatrick. **Tow Pilots:** Ron Blume, Matt Davis, Tim Morris. **Instructors:** John Lubon, Kat McManus. **Crew:** Bill Barone, Mauricio Berrizbeitia, Richard Cedar, Shelby Estell, Jeff Grawe, Dan Reagan, Pete Schradin, Stefano Sinigaglia, Laviniu Tirca.

2020 5th WEEKEND CREW DAYS:

Feb 29 – 4th Sat Crew
Mar 29 – 4th Sun Crew
May 30 – 1st Sat Crew
May 31 – 1st Sun Crew
Aug 29 – 2nd Sat Crew
Aug 30 – 2nd Sun Crew
Oct 31 – 3rd Sat Crew
Nov 29 – 3rd Sun Crew

POINTS OF CONTACT:

PRESIDENT: John Lubon

SAFETY OFFICER: Kevin Price

DIR OF OPS: Mark Miller

DIR OF FACILITIES: Keith Kilpatrick

BUSINESS MANAGER: Jon Stewart,
BusinessManager@soarccsc.com

FREQUENT FLYER EDITOR: Jim Dudley,
FrequentFlyer@soarccsc.com

Note: See [Membership Roster](#) on soarccsc.com for phone numbers and email addresses for all members.

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