

**Caesar Creek Soaring Club**

March 10, 2020

UPCOMING EVENTS

- Apr 1 Wednesday is Soup Day followed by Offsite Event – Steve Statkus
- Apr 4 Annual Meeting of Share Owners – 9:30am – John Lubon
- Apr 4 Board of Directors meeting following Annual Meeting – John Lubon
- Apr 18 Spring Cleanup - All Members Needed – Keith Kilpatrick
- Apr 25-May 3 Ridge Soaring Trip – Rolf Hegele
- Jun 6 [SkySoldiers reunion](#) guest soaring
- Jul 12-17 [YEW-2020](#) – Steve McManus
- Aug 3-7 [2020 Cross Country Camp](#) – Chuck Lohre

SATURDAY, 3/7/2020 – STEVE FENSTERMAKER

There was abundant blue sky and sunshine. Temperatures were up to 45F with winds only 3-5 mph from the north, gradually shifting to the southwest. The field was dry and firm on the north side. It was a great day to complete the Field Check or take training flights. In all, a total of 15 flights were launched.

SUNDAY, 3/8/2020 – DAVE MENCHEN

Wahoo! What a great day to be at the glider port! If you didn't come out you missed beautiful weather, sunshine and an almost perfect field. We hosted several guests from the Crayons to Computers organization, plus several club members looking for BFRs and Field Check flights, a total of 26 flights!

SPRING CLEAN UP APRIL 18 Weather Permitting - KEITH KILPATRICK

In order to keep our club looking pristine spring is a good time to rid our members of cabin fever by getting us outdoors once again to participate in the annual CCSC spring cleanup. As a club member your participation in these biannual events is necessary, therefore we will be having this year's clean up and beautification on Saturday, April 18. There is much needed support to accomplish these tasks so please come out for some fun in the sun and maybe get your hands dirty. Lunch and entertainment will be provided.

WHICH BADGE DO YOU PLAN TO EARN IN 2020?

The requirements for the "A", "B" and "C" badges have been discussed in the past two issues of this newsletter. By the time you earn your C Badge you should be ready or already have completed your Practical Test for your Private Pilot Certificate. If you have already passed your Practical Test and have not been awarded these badges, find one of the following SSA-instructors and show him your log book: Sami Rintala, Charlie DeBerry, Dick Eckels, Jim Goebel, Joe Jackson, Larry Kirkbride, Paul McClaskey, Bob Miller, Tom Rudolf.

The next in the series is the Bronze Badge, which helps pilots to begin preparing for the challenges of cross-country soaring. Here are the requirements for the [Bronze Badge](#).

- Complete the A, B and C Badges
- Complete 15 solo hours in Gliders.
 - 30 solo flights, including
 - 10 flights in a single-place glider (if possible).
- Complete 2 flights, each lasting 2 hours or more.
- Perform
 - 3 solo spot landings witnessed by an SSAI. (Within 400 feet for a 2-33)
 - 2 dual accuracy landings without altimeter.
- Pass a Closed Book Written Test Covering Cross-country Techniques and Knowledge.



Bronze Badge

You will already have the skills needed by the time you complete the Practical Test, you will just need a few more solo flights terminating in Spot Landings witnessed by one of the instructors listed above. But some may react, "Oh, no! Not another written test." The good thing is that you can take the test at CCSC, you just need to get one of the instructors to administer it. How about setting a goal to complete the test before the weather turns good and everyone would rather be out flying than inside taking a test.

To help you prepare for this test The Soaring Safety Foundation provides a [Study Guide](#) listing questions and a reference to the help you delve more deeply into each topic. The [Study Guide](#) serves as a practice test and in your library you already have the reference materials to review the topics that are not already familiar. Some of the questions are included below to get you started.

BRONZE BADGE QUESTIONS

When thermaling, the best speed to fly is

- A. Best L/D speed
- B. Best L/D plus 1/2 the estimated wind
- C. Best L/D plus 1/2 the estimated wind
- D. minimum sink speed for the angle of bank being flown.

In calm winds, 20 statute miles from the airport, in a glider with a 30:1 glide ratio at 50 mph, how high do you need to be to arrive over the airport at 1000' AGL? Airport elevation is 800' MSL. Assume no safety factor. Assume pilot flies at 50 mph.

- A. 3500 MSL
- B. 4500 MSL
- C. 5320 MSL

While thermaling at 4,500 feet from which direction would you expect most VFR traffic to come?

- A. it is not possible to predict.
- B. easterly (flying westerly).
- C. westerly (flying easterly)
- D. north (flying southerly).

Wires are an especially dangerous hazard on off field landings. You should:

- A. Be able to see wires from normal landing pattern altitude.
- B. Fly a full, 360 degree pattern, looking for poles, shadows, patterns.
- C. Utility wires seldom cross farm fields far from highways.

What is the cause of Valley Breeze (adiabatic) winds?

- A. Cooling air becomes more dense and therefore sinks. At night this sinking air will flow down hills and through valleys creating the wind.
- B. Warm air becomes less dense and rises. With the sun on a slope during the day, warm air flows up hill creating the wind.
- C. The wind blowing over a ridge creates a low pressure on the leeward slope, which in turn sucks air out of the leeward valley creating the wind.

How would you check your chosen field for slope?

- A. Look for a lack of crop.
- B. Check the map for contours.
- C. Look at the color shading of the ground, darker spots are lower.

The maximum speed for aircraft above 10,000 feet MSL is:

- A. 200 Kts
- B. 400 Kts
- C. No limit.

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.

ANNUAL FIELD FLIGHT REVIEW REQUIRED NOW

Remember that CCSC has a requirement that each member complete a CCSC Field Flight Review with a CCSC instructor and get the instructor's endorsement in his/her logbook each calendar year prior to acting as PIC of any CCSC glider (UOP 4.2-Pilot Qualifications). Your first CCSC glider flight of the year must be with an instructor. Take advantage of the good days ahead to get the requirement completed well in advance of the great spring soaring that is sure to follow. You will want to spend your time soaring then, not waiting for your turn to do the Flight Review. Also, check your logbook. Do you need to complete the FAR 61.56 Flight Review this year? If so, why not combine the two flight reviews and get both completed when they will not interfere with the soaring you want to do during the great weather later this year.

NEW LAUNCH PROCEDURES FOR CLUB SHIPS – MARK MILLER

Due to the recent rash of canopy incidents last year the BOD created a safety subcommittee to develop some recommendations to prevent this in the future. The recommendation from the subcommittee was to develop a more detailed checklist that would more involve the ground crew in ensuring completion of all items by the PIC before launch. This was discussed and rolled out at the crew chiefs' meeting on 8 Feb. This meeting was attended by the crew chief or their representative from every crew, except one.

The new launch procedures require that the crew of each club ship go through the blue checklist as shown below and then hand the brown checklist to the ground crew to complete their process before handing back to the PIC. This doubling up of the formal checklist process is intended to get the

NO HOOKUP UNTIL LIST COMPLETE	
LAUNCH CHECKLIST - PILOT	
Controls.....	FREE & CORRECT
Ballast.....	AS REQUIRED
Straps.....	FRONT/BACK FASTENED
Instruments.....	
Altimeter.....	SET
Radio.....	ON / CHECKED
Transponder.....	ON
Trim.....	SET
Emergency Plan.....	
.....	CROSSWIND / ROPE BREAK
Canopies.....	FRONT/REAR LOCKED
Brakes.....	CLOSED & LOCKED
CANOPIES LOCKED!	

ground crew more closely and actively participating in the pre-launch to help catch potential PIC misses as an extra set of eyes and ears.

All of the club ships have these new checklists at each position. We are currently looking at a better way to store or retain the checklists, but these checklists are not an optional procedure. Ground crews and pilots are to use these new procedures when you fly in the Club's ships.

NO HOOKUP UNTIL LIST COMPLETE	
GROUND LAUNCH CHECK LIST	
Observe.....	DO NOT RUSH PIC
Passenger.....	COMFORTABLE?
Pilot.....	CORRECT ELEVATION
Ballast.....	PRESENT / REQUIRED
Belts.....	FASTENED
Rope.....	CLEAR OF KNOTS
Rope.....	PRESENT TO PILOT(S)
Canopies.....	CHECKED / LOCKED
Checklist.....	RETURN TO PILOT
Rope.....	HOOKUP
CANOPIES LOCKED!	

CAESAR CREEK SOARING CLUB NEEDS YOUR LEADERSHIP

Eleven directors provide leadership for Caesar Creek Soaring Club. Owners of shares in Soaring Society of Dayton dba Caesar Creek Soaring Club, Inc. elect directors for three-year terms. The elections are held at the Annual Meeting of Share Owners which is specified to take place on the first Saturday in April each year. (Code of Regulations, Article V, Section 1, as amended June 2, 2018) This year the meeting will take place on the 4th of April.

This year the terms in office end for three directors: Keith Kilpatrick, Jim Dudley and Bill Hall; so those positions must be filled by the election on April 4. Jim Dudley has announced his intent to retire from his director position. So there is a need for at least one member (in addition to Bill Hall) to step forward and serve the club as a director.

If you are willing to exercise leadership and help make Caesar Creek Soaring Club an even better and stronger club while enhancing the opportunity for members to enjoy the thrill of soaring let any one of the current directors know or email to FrequentFlyer@soarccsc.com..

Official notification about the meeting was emailed to all share owners recently and a proxy vote was provided in that email for those who will not be able to attend the meeting in person. Be sure to cast your vote.

Director	Term Expires
Keith Kilpatrick	4/4/2020
Jim Dudley	4/4/2020
Dick Schoper Bill Hall	4/4/2020
John Lubon	2021
Tim Christman	2021
Bob Miller	2021
Tom McDonald	2021
Mark Miller	2022
Rolf Hegele	2022
Chuck Lohre	2022
Andrew Dignan	2022

2020 RIDGE SOARING TRIP – ROLF HEGELE & MARK MILLER

At the January meeting the Board authorized the annual club trip to Ridge Soaring near State College, PA. Many members will take their own sailplanes, but an ASK-21 will be trailered to Ridge Soaring for members' use. Rolf Hegele volunteered to trailer the glider to the ridge and act as Crew Chief for the duration of the visit.

The trip is scheduled for Saturday, April 25, through Sunday, May 3, and incorporates two weekends so you have no excuse to not attend. The CCSC ASK-21 will be available to all CCSC members for that duration. As with any Crew Chief, Rolf will have the discretion to limit flying based on weather conditions and pilot skills. You are welcome to bring your private ship for any portion of that time or you could rent from Tom. Tom and Doris walked the field recently and indicated that they are ready for us. All we have to do is order the right weather.

Some members usually stay at the Quality Inn or other motels in nearby State College, PA There is camping on the field for motor homes and there's always room in the bunkhouse.

The flying can be spectacular with thermals up and down the Ridge or ridge lift for miles. Come join us for some ridge soaring and excellent spring thermaling.

If you are interested, let Rolf know at N11rdbird@att.net or Mark Miller at mmark4347@gmail.com.

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 4:00 pm on 3/10/2020 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: ASW-20

Alexander Schleicher ASW-20 **OS**
S/N 20598, Mfg. 9/1982, N31TS,
1310TT through 1/1/20,
Has M&H Refinish and Winglets.
New Canopy. Finish in Great
condition. Wedekind locking
system. Outstanding electronics
including ClearNav II w. stick
controller and Trig Transponder.
Excellent Cobra trailer. Also
includes oxygen, tow out gear,
single man rigger, two LiPo
batteries, parachute and much
more. All logs \$35,500. Contact
Rolf @ 937-271-5003 or N11rdbird@att.net.



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, Dan Katuziensi, Mike McKosky.

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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