

# Airworthy

The Official Journal of the Black Forest Soaring Society

24566 David C. Johnson Loop  
Elbert, CO 80106



Volume 31 Number 2

February 2019

Club Web Page: [SoarBFSS.org](http://SoarBFSS.org)

Facebook Group Page: [BFSS Member Only Page](#)

Facebook External Page: [BFSS Public Page](#)

## FROM THE EDITOR

Well, it has been a pretty cold and snowy 2019 so far. Snow has impacted operations over a number of weekends in January. The snow and berms might last a while. The 840 team has been limited by the cold weather.

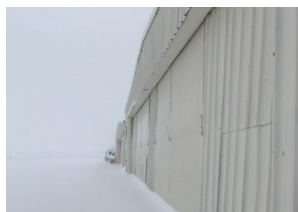
On the other hand many of us have been using this downtime to get things done. The wall for the shop is going up in the 3<sup>rd</sup> hangar. Some of us have been working on our ships and trailers.

For some of us it's been personal maintainance. I'm getting over some knee surgery. Gary Baker is having a little back work done. Others are hitting the gym. A handful of us have been flying Condor on weeknights. We're getting all of this out of the way so that when soaring season gets here, it's pedal to the metal, so to speak.

Dave Rolley is putting together some great Saturday seminars this spring. See his article below. These should be fun and educational and I encourage everyone to attend.

The Winter Party is coming up on February 9<sup>th</sup>. If you haven't signed up, hurry and do so. It's going to be a lot of fun!

Mark Palmer, Editor



## CALENDAR

### Board of Directors Meetings

**February 12, 2019 6:45 – 8:45**

Castle Rock Library  
100 S. Wilcox St.  
Castle Rock, CO

<https://www.dcl.org/castle-rock/>

**March 12, 2019 6:45 – 8:45**

Castle Rock Library  
100 S. Wilcox St.  
Castle Rock, CO

<https://www.dcl.org/castle-rock/>

### BFSS Winter Party

**February 9, 2019 6:30 PM**

The Villa, Palmer Lake  
\$38 per person

Hors d'oeuvres 6:30, dinner at 7:00, choice of prime rib, Ziti Al Forro, or vegetable lasagna. Send a check to Carrie by February 2<sup>nd</sup>. See further details below.

### Spring Training Seminars by Dave Rolley

**Starting Saturday, February 16, 10 AM**

See full list of dates and topics later in this issue.

### Minden Wave Camp

**April 8 – 12, 2019**

Minden, NV

Contact [www.soaringnv.com](http://www.soaringnv.com)

**BFSS Annual Meeting**  
**May 18, 2019**  
Clubhouse, after flying

**1-26 Championships and Low Performance Contest**  
**May 28 – June 7, 2019**  
Moriarty, NM

**Women Soaring Pilots Association Seminar**  
**July 1-5, 2019**  
St. Louis, MO

## FLEET UPDATE

**ASK-21** – 77 is grounded until the front canopy support tube is repaired or replaced.

**2-33** – Restoration continues. See Alice's report below.

**AC-4C Russia** – Waiting on space in Dave Rolley's shop for some upgrades.

**PW-5** – Nothing to report.

**Blanik L-23** – Nothing to report.

### FRIENDLY REMINDER

Mud season is coming! Heavy spring snows and rain will make the grass portions of the field very muddy. Please, under any circumstances, **DO NOT** drive the golf carts on the grass. Driving on the grass could result in deep ruts and a lot of headaches for the club and airpark users.

## OPS DUTY CALENDAR

Here is the Ops Duty schedule for February and early March:

Dean, Val C.	2/2/2019
DeBacker, Frank/Dimick, Scott	2/3/2019
Dunmall, Chris	2/9/2019
Fanning, David	2/10/2019
Ferrara, Benjamin	2/16/2019

Fry, Peter	2/17/2019
Gerner, Andre J	2/23/2019
Johnson, Stephen/ Keefe, Mike	2/24/2019
Kolk, Brandon/Kewish, Dean	3/2/2019
Leonard, David/Kinder, Rebecca	3/3/2019

Every flying member who does not have other duties in the club, such as instructor or tow pilot, is now on the schedule for line duty. If you are either a pre-solo student or have never performed this duty, Ingo has paired you with someone who has experience. Please check this list carefully to see when you're on duty and if you're working with someone.

Remember, if you can't make your duty assignment, you must find a replacement. Once that is done, contact [Ingo Kuenzel](#) and let him know so he is aware of the change. Be sure to go to the Calendar page on the website and put yourself down for the day you're assigned.

## WARNING! DON'T BE ON THE NO-FLY LIST!

It's that time of year again. Club rules mandate that all active members take the KAP/BFSS Ops Knowledge test every year. Failure to do so will result in you being placed on the no-fly/no-tow list. The test is on the club website. The cutoff for completion is **SUNDAY MARCH 31<sup>ST</sup>**! Do it now, do it today!

You must score 100% on the test to pass. After taking the test, send an email to [Dave Leonard](#) so he can score it. You will receive your results, which include the correct answers to any missed questions. If you scored less than 100% on the first try, retake the test to achieve 100%.

## TOW RATE CHANGES

At the January Board meeting, changes to the tow rates were approved. The changes are intended to increase turnaround time and to make the fees more streamlined.

As of February 1<sup>st</sup>, the new hookup fee will be \$15 and the tow fee will be \$1.00 per 100 feet.

Currently, a tow to 10,000 MSL is \$50 (\$10+\$40). Under the new rates it will be \$45 (\$15+\$30). Another way to look at it is this: under the old rates, if you released at 9600 MSL you'd be charged \$50. Under the new rates it will be \$41. New forms will be available shortly at the front desk.

Many thanks to all involved in this including (but not limited to!) Bill Gerblick, Raul Boerner, Andy Gerner, and Chris Dunmall.

## THANK YOU!

**Frank DeBacker** and his daughter **Sarah DeBacker Mandrekar** – For donating a 42" TV screen for one of the instructor rooms. Raul is already making great use of the new technology with his students!

**Steve Johnson, Gary Baker** and **Dave Rolley** – For work on the new hangar shop construction!

**John Gillis, Bif Huss, Stan Bissell, Andy Gerner, Rick Haehnel**, and other **folks at KAP** – For snow plowing and removal from several storms! This was a big job, so we apologize if we missed anyone.



*The weekend of January 12-13 was definitely a no-fly weekend.*

## BFSS HOLIDAY PARTY

Here is the information for this year's Winter Party and awards banquet for the Black Forest Soaring Society:

**Time:** February 9th, 2019, 6:30 PM. Arrive for appetizers between 6:30 and 7:00. Dinner to follow. Awards and program will follow dinner.

**Place:** The Villa Restaurant, 75 CO-105, Palmer Lake, CO 80133.

**Price:** \$38.00/person (price includes appetizers, dinner, sides, dessert, one cocktail/wine/beer, taxes, and gratuity). There will be a cash bar also.

Dinner will be your choice of prime rib, Ziti Al Forro, or vegetable lasagna.

Please leave a check made out to BFSS at the clubhouse or mail it to our bookkeeper Carrie Commerford at BFSS, 15954 Jackson Creek Parkway, Suite B, Box #541, Monument, CO 80132 so it gets there by February 2<sup>nd</sup>. Make sure to indicate on the memo line it's for the party and include what entrée you would prefer. The check will also count as your RSVP. The restaurant would like a head count a week prior to the event so they can prepare accordingly.

We will have our own private room and there should be ample space to move about and mingle. At the conclusion of the dinner, the annual awards will be presented by your MC, **Dave Rolley**.

We would like as many people as possible to attend this event. This is one of the only events of the year where the emphasis is more on the people and families of our great club than on flying. The more people who show up, the better it will be!

**Mark Palmer** is looking for photos to include in a slide show that will be running during the evening. If you have any of club flying, club members and such, please email to Mark before February 2<sup>nd</sup>.

If you have any questions, please contact either **Ingo Kuenzel** or **Gary Baker**. Thank you and I hope to see you there!

## ACCOMPLISHMENTS

Congratulations to **JC Conahan**, who soloed on Sunday, January 20<sup>th</sup>. Well done JC!



*Instructor Ingo Kuenzel congratulates student JC Conahan on his first solo.*

## NASA AVIATION REPORTING SYSTEM by Quay Snyder

The [NASA Aviation Safety Reporting System](#) is “**Confidential, Voluntary, Non-Punitive**” according to its website and to personal experience. Hosted by NASA and separate from the FAA, the program is over 40 years old and running well. The goal of ASRS is to improve aviation safety: “ASRS captures confidential reports, analyzes the resulting aviation safety data, and disseminates vital information to the aviation community.” It applies to pilots, ATCOs, maintenance personnel, and cabin crew. A full description briefing is available at [https://asrs.arc.nasa.gov/docs/ASRS\\_ProgramBriefing.pdf](https://asrs.arc.nasa.gov/docs/ASRS_ProgramBriefing.pdf)

Basically ASRS enhances aviation safety by encouraging voluntary reports of safety issues noted, most frequently a pilot deviation from FARs or procedures. Those who voluntarily report to the NASA ASRS system 1) within 10 days of an event 2) the violation was inadvertent, not deliberate 3) was not criminal or did not result in an accident and 4) the reporting person did not have an FAA enforcement action in the previous five years, no civil penalty or certificate action by the FAA

will be imposed. FAR 91.25 is the reference to this system.

Reports can be completed online (preferred method) or in paper. Once NASA receives the report, you will get an acknowledgement of filing the report and the report will be de-identified. Save this acknowledgement as this is proof of reporting and your “Get Out of Jail Free” card if the FAA comes calling.

Why would a glider pilot file a NASA report? Perhaps the most likely event in operating from Kelly would be inadvertent flight into the Denver Class B airspace, either when distracted by a thermal blowing you to the north or coming back home from the west and clipping the corner near Castle Rock while trying not to land out. No problem if you have a transponder and have ATC clearance to do so, but if not, you have just violated an airspace FAR. What about VFR cloud clearances on good thermaling days? Other weather-related events may also trigger a report, such as flying into IMC without an instrument clearance or equipped sailplane.

The ASRS has a searchable database for all types of events and instructions on how to complete a form. The [Immunity Policy](#) is outlined in FAA Advisory Circular 00-46E. You can sign up to get the “NASA ASRS Callback,” a quarterly email with a particular safety theme and several examples of reports illustrating that safety issue and lessons learned. Over 1.5 million reports have been filed and are broken down into 50 categories.

If you would like more information, visit the NASA ASRS website or talk to one of our seasoned pilots who have filed multiple reports over their flying careers. The act of filing a report is a learning experience to help you be a safer pilot while helping others learn from your mistakes. For an example of my most recent ASRS report, see the one I will post in the clubhouse and learn in a safe environment what not to do!

Fly Safely!

## SPRING TRAINING SEMINARS by Dave Rolley

A seminar will be held every two weeks starting Saturday February 16<sup>th</sup> and running through May 11<sup>th</sup>. The sessions will be 1 to 3 hours in duration. Starting time will be 10 AM. Most sessions should be about 2 hours.

**Session 1:** February 16, Intro to Cross Country: Initial XC strategy using GlidePlan software to illustrate the concepts.

**Session 2:** March 2, Air Data Systems: Airspeed, Altimeter, and Variometers. Focuses on variometer types and uses.

**Session 3:** March 16, Intro to portable gliding computers: Cockpit workload management, equipment, and software. In class flight example using XCSoar.

**Session 4:** March 30, Collision Avoidance Technology: Transponders and FLARM, types of units, usage, what they can, and what they cannot do.

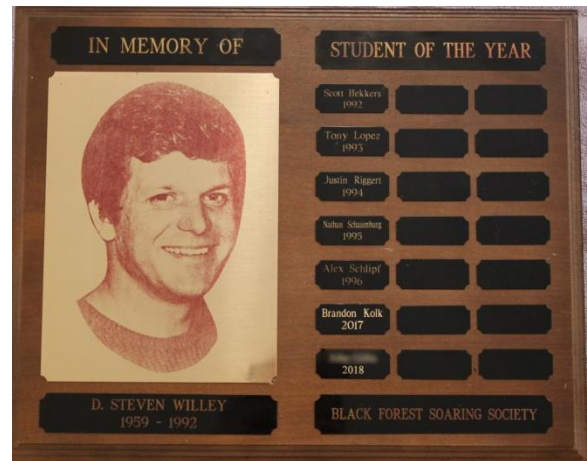
**Session 5:** April 13, RASP-based weather forecasting.

**Session 6:** April 27, Flight Tracking: Satellite based (SPOT, InReach), smarhone based (GlideTrack), FLARM based.

**Session 7:** May 11, OLC: It's all for fun, but if it isn't on the OLC, it didn't happen.

## BFSS Awards by Alice Palmer

Our club has a long history of achievement and service. Each year the club recognizes specific members for their soaring successes or significant contributions of service to the club. Come to the Winter Party this year to see who will be awarded each of these for 2018!



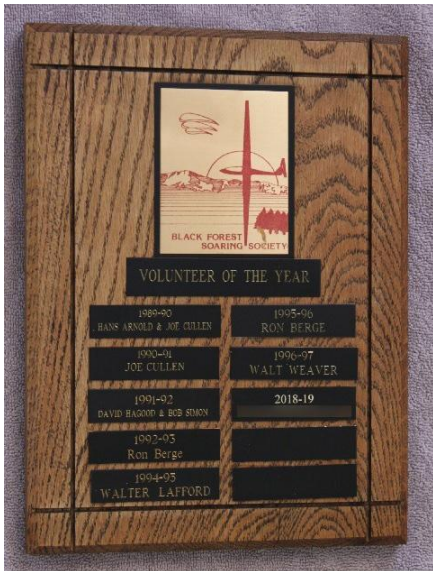
### *The Steve Willey Student of the Year*

Steve Willey was a club member who lost his life in a glider accident in 1992. He was an avid student who loved learning about all aspects of soaring. He was not what you might consider a natural pilot who was born to fly; he had to work hard to earn his Private Pilot certificate. Even then, he never stopped learning. The winner of this award is a member who epitomizes that love of learning, who devotes hard work to achieve his or her soaring goals, and who contributes to the success of our club.



### *Junior Member of the Year*

This award recognizes a club member under the age of 21 who strives to attain not only his or her own soaring goals, but who also exhibits a spirit of volunteerism within the club, over and above the minimum expectations for all club members.



### ***Volunteer of the Year***

Our club survives and thrives through the work of its volunteers. Each year the club is able to undertake many significant projects through the efforts of its members. This award recognizes a member who gave significant time to the club during the previous year.



### ***Soaring Free Trophy***

The Soaring Free sculpture of an eagle in flight was created by artist and soaring pilot Robert Barber. This award is given to the BFSS member who has had the most significant cross-country (or contest) soaring achievement of the year. It could be awarded for the longest cross-country flight of the year for an experienced pilot, a first cross-country flight for someone with less experience, or another significant flying

achievement recognized by the club. Unlike the other club awards that are perpetual plaques engraved with names each year, the Soaring Free winner holds the traveling trophy for a year and can enjoy displaying it in his or her home.



### ***Robert Knapp Service Award***

Robert Knapp was a towpilot and glider instructor from the early days of the club. In his retirement, he devoted countless hours to ensuring the club's success. One of our hangars was named for him in honor of his long-time service to the club. This award is presented to a member who, through his or her many hours of service over a period of years, helps ensure that the club thrives.

### ***Downhill Dash***

There is also one other club award for the winner of an event that has not been held in many years.

The Downhill Dash is a scheduled fun event that encourages pilots to fly a straight-out flight as far as they can go. Crews are organized to follow the pilots, and crewing is part of the fun too! This event is also a great opportunity for pilots to try Silver Distance or get some dual cross-country time. Let's plan a Downhill Dash in 2019!



*Steve Johnson installing the new shop wall*

## WORK CONTINUES ON HANGAR SHOP

December and January saw significant progress on the shop wall in Hangar 3. The basic wall should be finished shortly and installation of electrical and air will begin. Lots of thanks to **Steve Johnson, Gary Baker, and Dave Rolley!**



Today's aviation word is:  
**Fingerspitzengefühl**

*"Fingertip feeling," or having a fine touch.  
From the British Gliding Association.*

## N65840 TANKER 2-33 REFURB by Alice Palmer

Work on 840 continues, but at a slower pace because of the cold and snow. This month we completed final heat shrinking of the fuselage fabric and applied the first brush coat of PolyBrush.



*Heat shrinking is complete.*



*The team prepares the fabric for PolyBrush.*

After that we started work preparing for finishing tapes and gussets. This will be one of the last major efforts before the fuselage is ready for final spray coats.

There's a lot of detail work involved in preparing for tapes, cutting and fitting gussets, and applying them with PolyBrush. Then there will be more detail work to heat smooth the tapes and gussets. We are lucky to have detail-oriented volunteers who take on these tasks without complaint!



*Gary prepares for finishing tapes.*

Meanwhile, **Kyle Kendall** has volunteered to help repair one of the interior panels with his master glass repair techniques.

We were very fortunate to meet **Bob Miller** of the Caesar Creek Soaring Club, who happened to stop by KAP one Thursday during a visit to family over the holidays. He has assisted his club in several 2-33 restorations and provided us very helpful information and photos. Thank you Bob!

This project has taken longer than expected. However, if we ever begin to wonder why we undertook this major project, we only have to look at the “before” pictures to convince ourselves it was the right thing to do!



*Before—a sad bird in need of TLC.*

We continue to be grateful for the help of our volunteer members and to **Doug Curry**, our IA

on the project. We could not have a successful project without his advice and expertise.



*Gary and Alice consult with Doug.*

Thank you to these members who continued to keep this project rolling through the cold and snowy month!

Gary Baker  
Raul Boerner  
Doug Curry  
Mark Palmer  
Kyle Kendall

We also want to continue to recognize the help and support provided by our neighbors, **Dave Allen** and **Jamie Treat**. We thank you for sharing your experience with us!

## **BGA CHANGES CHECKLIST ORDER**

For those of us who still use the old CB SIFT CBE checklist, the BGA recently announced a change to the classic checklist mnemonic.

*The Executive Committee has recently accepted a recommendation from the Instructors Committee to modify the BGA pre-flight checklist to move “canopy—closed, locked and doesn’t open with applied pressure” to the end of the checklist. As a result, CB SIFT CBE has changed to CB SIFT BEC.*

*The change follows a long term analysis of incidents and accidents related to inadequate pre-flight preparation and recognizes the widespread practice (normalized deviance) of*



*closing and locking the canopy just before launching, e.g., in warm weather and during the winter where there is a risk of canopy misting ahead of launching.*

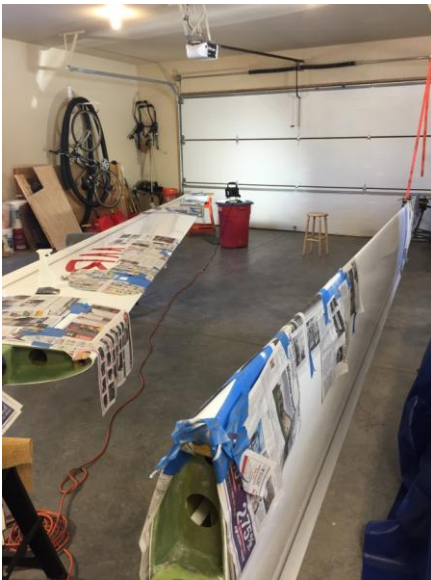
*The BGA pre-flight checklist taught to glider pilots from 3 Jan 2019 is CB SIFT BEC, i.e.,*

- Controls
- Ballast
- Straps
- Instruments
- Flaps
- Trim
- Brakes
- Eventualities
- Canopy

**FRIENDLY REMINDER:  
STOP BEFORE THE DROP!**

During the landing roll, assure that the glider's wing does not scrape across the ground (read: rocks). Before the wing drops, hit the wheel brakes. New saying: "Stop before the drop!"

## PHOTOS



*Gary Baker has spent much of the winter refinishing parts of his wings. It all started out with one little spot....a 3-beer story.*

## FAA SAFETY TEAM (FAAST) TRAINING by Quay Snyder

The FAA will hold initial FAAST training in February at the Denver FSDO at a day to be announced after the government shutdown ends. The training is about 4 hours long and is open to all pilots and maintainers, including student pilots. This is a great way to learn more about safety and help others learn. The annual time commitment is minimal, approximately 4 hours, but more active participation is encouraged. Simple activities at BFSS are welcome and well recognized. For more information, contact [Quay](#) or if the FAA is open, contact Gina Moretto, [gina.moretto@faa.gov](mailto:gina.moretto@faa.gov) (303)342-1104, FAAST Manager focusing on maintenance and airworthiness, or Brian Richardson, [brian.d.richardson@faa.gov](mailto:brian.d.richardson@faa.gov) (303)342-1156, focusing on pilots and operations, but they both cover all. You can also go to [FAASAFETY.gov](http://FAASAFETY.gov) to register. Sign up for the WINGS program while you are on the site!

## SHIPS FOR SALE

Have a ship you want to sell? Looking for a partnership? We can list it in *Airworthy*.



*Wave near Chos Malal, Argentina  
Courtesy of Bill Hill*