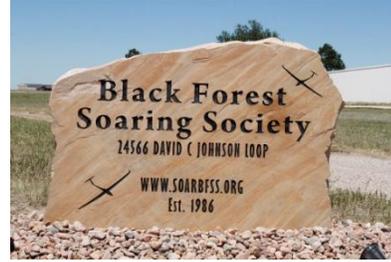


# *Airworthy*

The Official Journal of the Black Forest Soaring Society

24566 David C. Johnson Loop  
Elbert, CO 80106



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

*Airworthy* Archive: [SoarBFSS.org/Airworthy](http://SoarBFSS.org/Airworthy)

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

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

Kelly AWOS Cam: [Weather Cams](#)

## *840 Flies Again!*



*After three years and many labor hours, N65840 took to the air again on April 10.*

## FROM THE EDITOR

Yes, the big news in April was that after three years of extensive restoration, N65840 is flying again! Saturday, April 10<sup>th</sup> was a perfect Saturday flying day, and **Doug Curry** and **Alice Palmer** made the first test flights. Once completed, 840 spent the rest of the day flying, as instructors and 840 Team members became refamiliar with our gal. Welcome back 840!

I also want to give a note of special thanks to Soaring Society of Boulder President **Clemens Ceipek**, for his continuing work on waypoint and outlanding databases in Colorado. We're reprinting an email from Clemens below. Thanks V1!

Mark Palmer, Editor



*840 on its first soaring flight  
Photo by Bill Gerblick*

## PRESIDENT'S MESSAGE by Bif Huss

Even though we've recently had to contend with muddy and often windy conditions, the soaring season has begun. Earlier this month, I had a great flight chasing a convergence line down to Trinidad, New Mexico, and back. On April 26th, **Mitch Hudson** flew in the late afternoon to get a test flight on his glider. He connected with wave and climbed to 17,500' under a high overcast sky with only wispy clouds. Come on out and fly. It's getting good!

May will be a busy month. We are having our annual meeting on May 22nd at 0900 in the clubhouse. There are a number of items we need to accomplish as a club so it is important for all members to attend. Most importantly will be the election of new BOD members. We will be electing

three BOD members for 2-year terms. We had a fantastic slate of candidates last year, and hope we can duplicate that enthusiasm this year. There is no better way to influence the future direction of the club than to serve on the Board. If you're interested in running, please forward your nomination/desire to run to BFSS Secretary **John Gillis**.

At the April BOD meeting, the BOD rescinded the Covid-19 policy we've been operating under for the last year. The only exception is that there is still a requirement to wear a mask while in the clubhouse.

May 1st will see the implementation of the club's new fee schedule. **Brandon Kolk** has developed an electronic version of our A & B ops sheets, which reflect the new fee schedule. He will be sending out the new ops sheets shortly via email. Please download a copy of the sheet and use it to pay for club services.

Hopefully, you've seen emails concerning **Patrick Mendonca's** Eagle Scout Project. He is proposing to construct a walkway from the parking lot to the clubhouse, similar to the walkway from the hangars that was built by **Henry Paluch**. If you would like to donate to his project, please leave a check in the manila envelope that is on the clubhouse counter (or you can use the [GoFundMe link](#)).

At the end of last season, **Mark Palmer's** Safety Committee established new wing runner/hookup procedures. Now would be a good time for both GODs and towpilots to review those procedures so that they are solidly in place before the season shifts into high gear.

Finally, our Schweizer 2-33, 840, is back in the air! Congratulations to **Alice Palmer**, **Doug Curry**, and the **840 restoration team** for completing this ambitious project. I'm certain that 840 didn't look this good when she left the factory new many years ago. It was great to thermal with her again at 3000 feet over Kelly!

See you at cloudbase!

Bif

## CALENDAR

### BFSS Annual General Membership Meeting

**May 22, 2021 9:00 am**  
At Clubhouse

### Board of Directors Meetings

**May 11, 2021 6:30 – 9:00**  
Via Zoom

**June 8th, 2021 6:30 – 9:00**  
At Clubhouse

### BFSS Saturday Potluck Barbeque (after flying)

**June 19, 2021 (First of the season!)**

### 20-Meter and Standard Class Championships

**June 14 – 22, 2021**  
Montague, CA (Go Team H7!)

### 1-26 Championships and Low Performance Contest

**June 24 – July 1, 2021**  
Sunflower Soaring, Hutchinson, KS

### National Aerobatic Day

**June 26, 2021**  
(This is **Andy Gerner's** and **Jamie Treat's** equivalent to Christmas)

### Women's Soaring Pilots Association Seminar

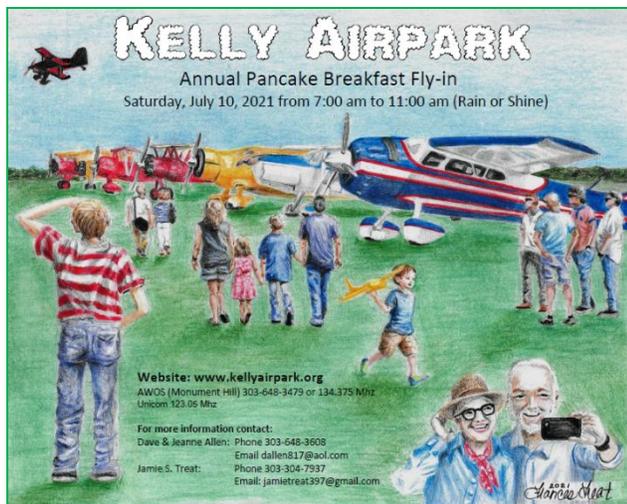
**August, 2021 (tentative)**  
Springfield, Vermont

### Downhill Dash

**Summer, 2021**

### Kelly Airpark Pancake Breakfast Fly In

**July 10, 2021**  
7:00 am – 11:00 am



## FLEET UPDATE

**ASK-21** – Tail dolly out for repair

**2-33** – 840 is back on the line! See Alice's wrapup report below. **Note:** We are still chasing down a few electronic gremlins, so a handheld radio is needed for the time being. Schedule your checkout soon and let's get flying our bird!

**AC-4C Russia** – Down for belly and gear door repair

**PW-5** – Nothing to report

**Blanik L-23** – Nothing to report

**Pawnee** – Nothing to report

### FRIENDLY REMINDER

The spring wet season is here. Please, **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 May and early June:

Bankoff, Joe	05/01/2021
Dimick, Scott	05/02/2021
Dunmall, Chris	05/08/2021
Fanning, David	05/09/2021
Farley, Alyssa	05/15/2021
Gerner, Andy	05/16/2021
Hannon, Donald	05/22/2021
Houston, Doug	05/23/2021
Kinder, Julie	05/29/2021
Kinder, Rebecca	05/30/2021
Kolk, Brandon	06/05/2021
Kuhlke, Lee	06/06/2021

Every flying member who does not have other duties in the club, such as instructor or tow-pilot, is on the schedule for line duty. If you are either a pre-solo student or have never performed this duty, Joshua 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 [Joshua Abbe](#) 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.

If you see **OPEN** listed on the schedule, this indicates that no one is scheduled for that day and that volunteers are appreciated. Please contact Joshua if you are available.

## ANNUAL MEMBERSHIP MEETING

Our Annual Membership Meeting will be held on Saturday, May 22<sup>nd</sup> at 9:00 am. It will be held outside. There will be a number of items on the agenda.

There are three Board positions up for a vote. The open positions are currently held by **Chris Dunmall**, **Gary Baker**, and **Bif Huss**. Chris Dunmall and Gary Baker are stepping down; Bif is running again. Nominations for these positions will be made from the floor, or you can send a note indicating your interest in running to **John Gillis**.

In addition, the awards for the 2020 flying season will be presented. There will be a couple of new awards this year.

Please be there to make your voice heard!

## WELCOME NEW MEMBERS!

**Mike Kinder** – Husband of **Becky**, father of **Julie**. He now completes the "Flying Kinders." Mike is flying with CFI **Stan Bissell**. Welcome Mike!



*Mike Kinder*

**Zsolt Silberer** and daughter **Amalia Viverios-Silberer** are new members. **Zsolt** is a commercial glider pilot and knows **Bif** from their days at the Philadelphia Glider Council. **Amalia** is a student pilot and has a scholarship from Wings Over the Rockies. Welcome! We hope to have their photos next month.

## ACCOMPLISHMENTS

**Patrick Mendonca** – A Badge

**Kip McClain** – Passed his Private Pilot—Airplane checkride!



*Kip McClain with his instructor, Don White, after Kip's checkride*

**Kyle Kendall** – After many postponements, passed his Commercial Pilot—Airplane checkride!



*Kyle Kendall celebrates his successful checkride.*

(What's with all these *Airplane* accomplishments?)

## THANK YOU!

**John Thomas, KAP Safety Officer** – For checking on KAP safety equipment by the clubhouse and arranging a better fix for the fire extinguisher cover

**Clay Thomas, Gary Baker, Mark Palmer** – For changing bottles on the oxygen cart

**Jon Stark** – For donating a new canopy cover for 840 (on its way soon)

**Donald Hannon, Patrick Mendonca, Alan Luke, Mike Kinder, Jacob Beineke, and Brandon Kolk** – For moving carpet donated to the club by **Katie Huss**. Thank you Katie and moving crew!

**Becky Kinder** – For new curtains in the simulator room and for all the logistics work to procure the donated carpet

**Gary Baker, Mark Palmer, Alice Palmer** – For Friday line crew

**John Gillis** – For washing canopy covers

**Dave Rolley, Quay Snyder, and Cindy Brickner (SSA)** – For organizing and giving the biweekly cross country WINGS webinars to wrap up in May

**Armand Charbonneau** from Soaring Society of Boulder – For organizing the SSB soaring webinars and inviting Front Range clubs. Thank you also to all the SSB speakers!

**Vitaliy Aksyonov and Donald Hannon** – For providing last month's Easter eggs (the Ukrainian and Spanish translations of our Friendly Reminders). This generated several chuckles from members who sent them through the Google translator.

**Vitaliy Aksyonov, John Gillis, Donald Hannon, and Kyle Kendall** – For continued work on the Russia. It's coming back soon!

**Dave Rolley** – For setting up the annual inspection and transponder inspection days

**Donors** – For funding Patrick's Eagle Scout walkway project

**Members of the Board**, both returning and those stepping down – For your service to the club. Special recognition should be given to **Chris Dunmall**, who has served the club faithfully as Treasurer since 2008! Thank you all.

## 2021 SPRING TRAINING SEMINARS by Dave Rolley

The XC series of seminars is continuing and will be held at 7 PM every other Friday through May 21st. The sessions are online. Look for your WINGS notices for more info. [**Note:** You can find the recorded past presentations archived on the SSA website.]

The sessions will be 1 to 3 hours in duration. Most sessions should be about 2 hours. Attendance at these seminars is approved for FAA WINGS credit.

The remaining schedule is below. **NOTE SCHEDULE CHANGE!**

**Session 8:** May 7, Physiological Considerations for Soaring Pilots Presenter: **Dr. Quay Snyder**

- Topic: Physiological considerations for safety and optimum performance in soaring operations
- Description: For all sailplane pilots looking to begin XC soaring or improve their knowledge and skill. Dr. Quay Snyder, CFI, will discuss hydration, nutrition, elimination, oxygenation, thermal regulation, and vision issues for sailplane pilots planning long distance XC flights.

**Session 9:** May 21, Online Soaring Contest

- Presenter: **Dave Rolley**
- Description: It's all for fun, but if it isn't on the OLC it didn't happen.

## LA VETA AIRPORT REPORT by Mike Cavanagh

Our Northern Correspondent, **Mike Cavanagh**, passed through southern Colorado last month, scoping out possible relocation options. While he was there he stopped and took some pictures of the runway and the grass area at Cuchara Valley Airport (07V) outside La Veta. According to Mike, the

runway is usable but not great. As you can see from the photos below, the concrete is cracked and has grass growing through it. The grass area to the south of the runway is about 115 wide feet from the runway edge to the fence, according to Mike. It looks good but there are chunks of concrete scattered about. Use caution.



*La Veta runway looking west*



*Grass on the south side of the runway looking west*

## FAT CHANCE UPDATE

Cross Fat Chance, (36CO), 8 NM southeast of Kelly, off your possible outlanding sites. Chief CFI **Raul Boerner** passed by there last month and reports the property has been divided up, and a fence now runs across what had once been the runway. Since it still appears on the FAA DEN sectional chart, it may be some time before we see it “officially” removed.

## WHY WE EXECUTE SOFT RELEASES



*This is what can happen to the towplane end of the rope after a “hard” release. Photo by John Mann.*

## SOARING MAP OF COLORADO by Clemens Ceipek, SSB

*(Clemens Ceipek [[Chess in the Air](#)] from the Soaring Society of Boulder, sent out this message for Colorado soaring pilots. Thanks Clemens! –Ed.)*

Hello fellow Colorado soaring pilots,

Following our landout field forum discussion a few weeks ago, I have made one additional revision of landout and emergency fields, which I promised to make available to you as a set of **waypoint files**. I also revised public airports, private airports, and turnpoints, e.g., I added most of the major mountain passes in Colorado as turnpoints.

In addition, I also developed an easy-to-read, **high-resolution soaring map for Colorado** that can be printed as a 30x40 inch poster and as a 12x18 inch foldable map, which contains all data from the waypoint files (plus pertinent airspace information, labeling of mountain ranges, etc.).

**You can find and download all this information with additional explanations from the following links:**

[Colorado Soaring Area Maps](#)  
[Colorado Waypoint Files](#)

The waypoint file also includes preloaded all the standard tasks for the **SSB Proving Grounds** program and the suggested tasks for earning the FAI soaring badges from Boulder that we discussed during [this presentation](#).

(Note that the waypoint files cover a greater area than the physical map: deeper into northern New Mexico, southern Wyoming, western Nebraska, and eastern Utah. I built them based on my personal interests when flying from Boulder; you may need to adapt them for your needs.)

I hope some of you will find this information useful. Please let me know if you find errors or if you have suggestions for a potential revision in the future. Also, please remember to make active use of the [crowd-sourced landout database tool](#) that we discussed during our forum discussion. It is easy to upload new fields and you can contribute to building a valuable asset for all of us.

Have a great soaring season and fly safe!

Clemens

## **EINAR ENEVOLDSON FLIES WEST – From the PERLAN Project Website**

**Einar Enevoldson**, long-time pioneer of high-altitude wave flying and high-altitude atmospheric research, and founder of the PERLAN project, passed away on April 15<sup>th</sup>.

From the [PERLAN Project](#) website:

Einar, a lifelong glider pilot, former jet fighter pilot in the USAF, and exchange officer with the Royal Air Force, attended the Empire Test Pilot's School in Farnborough, Hampshire, England. He served as a test pilot on the Hawker Hunter, English Electric Lightning, and Gloster Javelin British fighter aircraft.

From 1968 until 1986, Einar was a NASA research pilot at the Dryden Flight Research Center. He was twice awarded the NASA Exceptional Service Medal as well as the U.S. Air Force's Distinguished Flying Cross. Einar flew the SR-71/YF-12A, F-111, F-14, F104, and the X-24B lifting body.

When he retired from NASA Einar accepted a full-time position as the chief test pilot for the Grob

Egrett, in Mindelheim, Germany. The Egrett was a high-altitude reconnaissance aircraft for the German Air Force. Einar set the absolute altitude record for all turboprop aircraft. He was the test pilot for the Grob Strato 2C, an extremely advanced, all carbon, very high-altitude, propeller-driven aircraft, built to carry two pilots, two scientists, and 2,000 pounds of scientific instruments. Einar reached an altitude of over 60,700 feet, which exceeded the official altitude record for all propeller driven aircraft by over 5,000 feet.

### **Awards/Records**

Einar flew above 50,000 feet in 17 different types of aircraft. **Steve Fosssett** and Einar set the world sailplane absolute altitude record of 50,722 feet. In 2020 Einar was a recipient of the Distinguished Statesman of Aviation from the National Aeronautic Association for "his visionary and persistent quest to advance the progress of aeronautics by researching and exploring the stratosphere in a glider utilizing high altitude waves."



*Einar Enevoldson  
Photo by NASA*

### **MEMBERSHIP INQUIRIES**

[info@soarbfss.org](mailto:info@soarbfss.org) is the main and only email contact address for club information inquiries. It is monitored on a daily basis. Thank you—

**Brandon Kolk, Membership Director**

# N65840 TANKER 2-33 REFURB, or, IT TAKES A VILLAGE by Alice Palmer

Finally! Our beloved 2-33A is back in the air, looking like it just rolled freshly off the Schweizer assembly line.

As a reminder of why we embarked on this venture, here are a few BEFORE and AFTER photos to give you perspective for what we, as a club, have accomplished.



*Interior before restoration*



*840 the Hangar Queen, too long neglected and needing TLC*



*New front side panels and painted trim and dive brake controls*



*A hangar queen no longer*



*New rear side panel*

The first, and most obvious, improvement is the complete fabric recovering and new paint. The 840 team also made sure the fuselage structure and interior got the attention needed to make them as good as new. All surface rust on the steel parts was removed and then the parts primed and painted. Interior panels were repaired or, in many cases, new ones made.



*New seat belts*

The nose cone repair was a saga in itself, requiring dozens of hours of sanding and filling. Many of the volunteers took a stint working on the nose!



*Cracked nose cone area and tired tow hook*



*Nose cone filling and sanding in progress*



*New tow hook installed after nose cone repairs*

In addition to all the recovering, repainting, and repairs, numerous upgrades were made. The biggest and most labor intensive for **Doug Curry** and team was the modification to enable a maximum gross weight increase to 1080 pounds. This was a worthwhile mod that will enable our instructors to fly with more members.

We also installed a new spring tailwheel and hydraulic brake system. Wow! A 2-33 with a brake that works!



*Old tailwheel*



*New spring tailwheel*

It takes a village (or an Airpark) to complete a project like this. First, we have to express our gratitude to **Doug Curry** for taking on this project as the IA, especially with the uncertainty of working with a volunteer team. He put in countless hours in every phase of the project. Thank you, Doug!

Our club participation in this project was nothing short of amazing. We had 26 people devote time to 840, with a total of 2600 volunteer hours that included everything from giving input at the first planning meeting to working on various phases of the restoration and running around the Front Range procuring parts and materials.

While every hour given freely from our members is much appreciated, I have to give special recognition to my core 840 team: **Raul Boerner**, **Mark Palmer**, and **Gary Baker** each gave *hundreds* of hours to the project. Many of these hours occurred in a very cold hangar! **Frank DeBacker**, **Bill Gerblich**, **Kyle Kendall**, **Ed Anderson**, and **Steve Johnson** also put in large numbers of hours at key times in the project to help us move forward. Thank you to all the volunteers—you were a fabulous project team!



*Raul Boerner finally gets to fly 840 after all those volunteer hours.*

While not every club member was able to help with the restoration directly, we had at least 26 club members (both current and former members) donate funds for the restoration. This large pot of seed money was what encouraged us to seriously pursue such a challenging project, because it showed the enthusiasm our members had for keeping our 2-33 alive and flying. Thank you, donors.

Along the way, we had continued support from all the BFSS Board members who served during the last three years. Thank you for believing in this project.

I also can't forget to thank **Denise Beisel** and **Carrie Commerford** for doing all the hard work to track expenses and donations throughout this project. Our club could not function without our bookkeeping experts.



*More volunteers: John Gillis, Gary Baker, and Mark Palmer. Gary and Mark celebrated with 840's first soaring flight.*

Last, but not least, I have to express our deep gratitude to our Airpark neighbors who helped us throughout the project. **Dave Allen** shared his Oshkosh-winning fabric expertise with us during the many weeks working on the tail surfaces and fuselage. **Jamie Treat** helped us get a reasonable estimate of costs for planning in the early stages, helped with advice and materials along the way, and then completed painting the entire ship. **Dale Herr** helped us with a last-minute fabric supply issue and stopped by to check on us now and then. Other neighbors also dropped by to provide encouragement.

After all this hard work, the 840 Team asks all club members to take great care of our "new" 2-33A so it can train students for another 47 years!

The whole restoration saga is captured in monthly *Airworthy* articles dating back to April 2018, but if you'd rather have the short version, here's a montage of the project on the next page that captures the flavor of all the work that has been done.

Three Years with the 840 Team



## SSF SOARING ACCIDENT REPORTS

The Soaring Safety Foundation published a summary of 2020 accidents in the April 2021 issue of *Soaring*. The full, comprehensive reports for 2020 and previous years are available at: [SSF Safety Reports](#).

## SHIPS FOR SALE

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

**FOR SALE:** 1/3 share in ASW-26E motorglider D2D. Based at KAP. If interested, contact [Gerald Peaslee](#).



### FRIENDLY REMINDER: STOP BEFORE THE DROP!

During the landing roll, assure that the glider's wing does not scrape across the rocks on the runway edges. Before the wing drops, apply the wheel brake, but not so hard that you put the ship on its nose! "Stop before the drop!"

## PHOTOS



*IA Doug Curry and Alice Palmer take the first flights.*



*More 840—can you guess that we're excited to see this ship in the air?  
Photo by Mike Kinder*



*The Kinder Family*



*Bill Patrick flies with Vitaliy Aksyonov on Bill's first flight as a club member. 4/3/21*