

# The Frequent Flyer

The Monthly Newsletter of the Caesar Creek Soaring Club

February 2010



## Candidates Needed !

Lucy Anne McKosky

### **SSD Board - Elections Coming Soon!**

Elections for the SSD board are coming up soon, and we're looking for a few good candidates. As you probably know, SSD, or the Soaring Society of Dayton is a for-profit corporation which owns the property and equipment used by CCSC. It is governed by a nine-member board whose members serve three-year terms staggered so that each year three board members are elected. The board makes decisions about buying and selling equipment, constructing and renovating buildings, and improvements to the runways, campgrounds, and other areas at CCSC. Current board members whose terms are due to expire in April are Pat DeNaples, Wally Detert, and Dieter Schmidt. Continuing board members are John Lubon, Dave Edwards, Lucy Anne McKosky, Bill Maxwell, Frank Paynter, and Bob Root.

Elections for the SSD Board will take place at the SSD Annual Meeting on April 14, 2010. Ballots will be mailed to all stockholders in late March and should be returned promptly. Stockholders get one vote for each share of stock they own, and a quorum equal to 50% of the total number of outstanding shares is required.

This is a great opportunity to have a voice in decisions about the property and equipment which CCSC depends on. We anticipate that there will be at least one open seat on the board in this election. If you would like to get involved, you are invited to run for a seat on the board. All you need to do is to let a board member know that you want to be a candidate and send a brief resume of your flying experience and interests to Lucy Anne McKosky, 47 Lammers Ave., Dayton, OH 45459 or e-mail to [Lmckosky@sbcglobal.net](mailto:Lmckosky@sbcglobal.net). If you are interested in running, please respond promptly, as ballots will soon be printed and in the mail.

## High Flyin'

### **University of Michigan Students Performing High Altitude Glider Research**

**By: Glenn McDonald - CCSC Club Member**

A team of Aerospace Engineering students, including a club member, are involved in research to assisting the Perlan Project, a high altitude glider research team. Many of you who attended the SSA convention may have seen the Perlan Project's information booth and cabin mockup. The Perlan team is constructing a unique glider design capable of soaring to altitudes above 90,000 ft (breaking the sailplane altitude record along the way). These extreme altitudes can be reached by utilizing stratospheric mountain waves that occur closer to the North and South Poles.

The record attempt flight is scheduled to take place in summer 2011 in El Calafate, Argentina. The Perlan team already holds the glider altitude record (50,671 ft), set in 2006 using a DG505M during a proof-of-concept flight.

We are investigating several issues that may affect glider flight at very high altitudes. There is concern that instrumentation, especially variometers, may develop inaccuracies and slow response time at high altitudes.

These errors could come from several sources:

- High true airspeed/Mach number (approaching Mach 0.65!) induces errors
- Extreme temperatures (down to -86° C) may slow down the response time
- Unexpected and rapid changes in temperature and pressure with altitude may cause inaccurate climb rate indications

Our team is constructing a high-speed wind tunnel to test a total energy probe at these flight conditions. We are also planning on using a satellite testing chamber to simulate the large differences in pressure and

temperature that will be encountered over the course of the flight. Our team is hoping to obtain a total energy probe and mechanical variometer to use in our tests. Ideally, these tests will give a good estimate of the various errors that the glider will encounter. In addition to this series of physical tests, we will create custom software to help predict and correct these potential errors.

We hope our research will help the Perlan Project achieve its goal of performing a record breaking flight. Some future planned work we includes researching the controllability of a glider at high altitudes, including finding accurate methods of simulation. Team members include Steve Hoesli, Glenn McDonald, Logan Onk, and Richard Weng. We welcome any questions, advice, or comments about this project. We can be contacted at [perlanproject@ctools.umich.edu](mailto:perlanproject@ctools.umich.edu).

## **Joint Board Meeting Minutes**

**Lucy Anne McKosky**

**January 16, 2010**

Present: Pat DeNaples, Andrew Dignan, Wally Detert, Rolf Hegele, Bill Maxwell, Jim Lowe, Lucy Anne McKosky, Paul McClaskey, Bob Root, Tom McDonald, Dieter Schmidt, Steve Statkus

The meeting was called to order by Rolf Hegele, CCSC President at 10:10 a.m. Linda Murray gave an update on the upcoming contest at CCSC. The 18-Meter Nationals will be held June 10 – 24, 2010. Contest plans and needs were discussed.

The rest of the meeting was spent discussing the “wish lists” each board had previously developed and determining the top priority items. The following items were listed:

- Permanent runway threshold
- New interior and restoration of forward fuselage of 2-33 15H \$6 – 8K
- Single-place glass glider \$20 – 30K
- Hangar extension and new door \$30K
- Spot subscription
- Base station radio \$2.5K
- Golf cart batteries \$2K
- Towplane hangar lights \$500
- Web cameras \$500
- Turf tires for tractors and towplanes \$3K
- Glider radio for 2-33 \$2.5K
- New canopy for Blanik \$8K
- Alternative vehicle for golf cart replacement \$7 – 10K
- Widening west end of runway
- Paint farm house \$2K
- Main hangar door repair \$5K
- Concrete pad in front of hangar \$3K
- New dollies \$1K
- Paint/repair pole barn roof \$2K

Attendees rated their top priority items up to a total cost of \$30K. The top four items were hangar door repair, concrete pad, 2-33 interior and restoration, and golf cart replacement vehicle. Rolf indicated that CCSC would probably take care of some of the smaller items.

The meeting was adjourned at 12:15 p.m.

# **CCSC Board Meeting Minutes**

**Pam Brooks**

**January 2, 2010**

**(Held the First Saturday of each Month)**

In attendance were Rolf Hegele - President; Andrew Dignan - Vice President; Jim Lowe - Treasurer; Paul McClaskey - Tow Plane Maintenance; Steve McManus - Social; Dave Coucke - Facilities; Tom McDonald – Operations; Steve Statkus – Glider Maintenance. Minutes recorded by Pam Brooks, CCSC Business Manager.

Secretary – Minutes from December were submitted by Tami Scott in absentia and presented by Rolf Hegele. The minutes were accepted as read. New member Charles “Chip” Hais was approved unanimously by Board members. No terminations.

Treasurer – For the year, we had a net -\$1500.00 cash flow. We moved money from savings to checking to cover large payments for insurance premiums on premises and gliders, and the lease payment to SSD. The budget is pending for planning purposes. One arrears account was resolved successfully. Pat DeNaples to personally contact 2 members in arrears. Will report results and make recommendations at next month's Board meeting. No new gas bills – no change in gas index.

Facilities – We need to switch fields of septic system after inspection this spring. The system needs to be pumped this year. Member John Murray suggested padding the hangar posts to prevent damage to gliders. Unanimously approved by Board.

Tow Plane Maintenance – All maintenance is up to date. Will check with Stewart's regarding 909. SSD paying for Tost hooks. Steve Statkus would like to purchase a used tow hook assembly.

Glider Maintenance – Weight and balance will be done on all Schweitzers with their annuals. Will check with Stewart's regarding possibility of changing annuals to winter time frame. Stewart to check out 16Q. 221 is red-tagged to 3/11/2010. 521 is in storage effective 12/28/09 to 4/3/10.

Operations – Master list of pilot check out cards is nearing completion. A few are missing, should be completed by spring. Crash box nearing completion. It was noted that plastic licenses are due by 4/1/2010. A reminder will be included in the memo on invoices this month and a notice placed in the Newsletter. **YOU WILL NOT BE PERMITTED TO FLY WITHOUT A PLASTIC LICENSE.** Anticipate spring implementation of process to record a/c flight times.

Social – The Annual Banquet is Saturday, February 6, 2010 at Kings Island. Approximate cost is \$25 per person and may be billed to member accounts. Agenda for the banquet includes introductions of SSD, CCSC, and Youth Camp boards, photo montage and videos. First Potluck Chili Social will be on Saturday,

January 9, 2010 at the clubhouse. Office will send mass email invitation to membership. Steve McManus is creating a CCSC general calendar of events for members – details forthcoming.

Vice President – The schedule of gliders coming off insurance coverage is posted throughout facility.

President – 18-meter Nationals Contest dates are June 19 – 24, 2010. Attendance at Wayne Township meetings is pending. A waiver of liability has been drafted for the SparrowHawk Consortium.

Our business manager reports that by bundling telephone and internet services with Century Link (formerly Embarq) the club saves \$20 per month, while offering unlimited local and long distance calling, call waiting, and 3-way calling capabilities. Business manager advises that current trash collection services from CSI cost \$78.40 + fuel and environmental surcharges per month – the bill usually amounts to \$90+ per month. Changing to Rumpke will cost a flat \$65.09 per month for weekly pick up, with an additional savings of \$30.07 per month if collection is changed to monthly during the slower winter/early spring months. Board approved business manager's recommendation to switch providers but keep weekly pickup.

Business manager reports that by bundling services with Century Link (formerly Embarq) the club saves \$20 per month, while services have increased to unlimited local and long distance calling, call waiting, and 3-way calling capabilities. Business manager advises that current trash collection services from CSI cost \$78.40 + fuel and environmental surcharges per month – the bill usually amounts to \$90+ per month. Changing to Rumpke will cost a flat \$65.09 per month for weekly pick up, with an additional savings of \$30.07 per month if collection is changed to monthly during the slower winter/early spring months. Board approved business manager's recommendation to switch providers.

Old Business – FCC ground base license application was resubmitted and is still pending.

Board committee members presented a UOP Altimeter update. The Board entertained comments by John Murray and any club members in attendance. After discussion, a motion was made to remove the UOP requiring a field elevation altimeter setting for all Club operations (last paragraph of UOP 4.6) and replace it with a statement requiring MSL for club instruction and student flights in club ships only. The Board vote split 4 to 4 and therefore did not pass. A second motion was presented as follows: Remove the current altimeter language from the UOP in its entirety. The motion was defeated 6 to 2.

Board members reviewed a Safety Committee update regarding a hard-landing event from the Neighbor Appreciation Day. There was no damage or injury. After discussion, further action will be considered by the Board. It was noted that Terry Buker has been replaced by Maurey Drummey as Safety Officer. We appreciate Terry's support and help and hope his future employment serves him well.

New Business – A "Wish List was discussed for presentation to the joint meeting of the CCSC and SSD Boards on Saturday, January 16, 2010 at 10:00 a.m. at the clubhouse. Member input and attendance is encouraged.

Boy Scout Troop 258 wishes to return to the facility on May 15 for an overnight. The Board granted unanimous approval.

This year's Youth Soaring Camp dates have been established as July 4 to July 10. The Board granted unanimous approval.

CCSC has applied for the 2011 Sports Class Nationals Contest. Dates and approval are pending. Rolf will follow up.

Steve Statkus discussed the importance of re-emphasizing and encouraging the SSA Badge program to CCSC members.

There being no further business, the meeting was adjourned at 12:35 pm.

### **Gas Alert**

In accordance with the Schedule of Fees and Dues, the fuel index will change to \$0.28 per 100' of altitude.



4th Saturday Crew works on the ASK21 annual



John Murray inspects the wax job on the wing



## Classifieds

Editor's note: Ads will be re-run monthly unless otherwise advised. Thanks !

Wanted: Donation of vario or total energy probe for use in wind tunnel testing related to attempt to break the glider altitude record. Contact Glenn McDonald, gmcd05@gmail.net or 859 628-0971

For Sale: Variometer, Winter, scale  $\pm 10$  knots, 57 mm diameter. Flawless function and appearance. The variometer includes a .45L capacity bottle and an installed McCready ring that is suitable for a high performance glider. \$310.00. Contact Poul Pedersen on (513) 769-1263 or by e-mail [dyhr\\_pedersen@fuse.net](mailto:dyhr_pedersen@fuse.net)

For Sale: Can't be a Thunderbird? The next best thing is to buy my 1/4 share of the best looking best flying 1-34 for sale anywhere. A9 comes complete with parachute, trailer, great co-owners and a beautiful Thunderbird paint scheme. \$3,750 Call Dave Menchen (513) 313-2315

For Sale: Dittel 71-M Base Station Radio with battery charger, auto-lighter charger and car-top antenna. \$2350. This radio can be easily removed from the base station and used in your glider if you prefer, all at a price considerably less than new. Contact Greg Crook at [greg9632@gmail.com](mailto:greg9632@gmail.com).

For Sale: 1990 Dutchman \$3200. Please call for details, Todd or Michelle 859.371.6606 or [toddnshell@yahoo.com](mailto:toddnshell@yahoo.com)

For Sale: RV/ Motorhome. 31ft Winnebago. \$5000. Already in campground. Contact Terry Buker. 786-512-3313 or email [tbuk@juno.com](mailto:tbuk@juno.com)

Wanted: Winch Students/Pilots – If you wish winch training/currency BEFORE the winch leaves the local area, please get your name on the training list by contacting Jim at [GOEBELJW@AOL.COM](mailto:GOEBELJW@AOL.COM). The following winch training venues are available: Winch Endorsement, Winch Currency/Proficiency, and Winch-to-Pattern-Placement (1. Student pattern & spot/on-speed proficiency, 2. Licensed Pilot landing currency), Biennial Flight Review - Winch Training, Winch Training – Opportunistic/Other, Winch-to-Thermal Training Winch Training of Private Ships.

Wanted: Winch Operator(s) (for weekday winch operations) – Free Training. Reduced Flight Rates. Lots of Satisfaction. Medical not required. Contact Jim at: [GOEBELJW@AOL.COM](mailto:GOEBELJW@AOL.COM).

Submissions for *The Frequent Flyer* should be sent to  
Tammy Scott at: [tscott@sterlingpcu.com](mailto:tscott@sterlingpcu.com)

Submissions are due by day's end on the last day of the month for the next month's publication.  
Caesar Creek Soaring Club, P.O. Box 918, Waynesville, Ohio 45068 Phone:(513) 932-7627  
See our website at: <http://www.soarccsc.com>

# March 2010 CREW SCHEDULE

Day	Crewchief Assistant Aircraft	Towpilots	Instructors	Ground crew
1 <sup>st</sup> Sat & 1/30	D. Edwards J. English	J. Armor T. Hudson	R. Eslinger P. McClaskey-x	G. Daugherty, W. Detert, S. Fenstermaker, J. Lowe, A. McClaskey, E. McClaskey-^ {Students/Crew additions requested} cc contact: <a href="mailto:dedwardsky@aol.com">dedwardsky@aol.com</a> 859-322-4452 asst: <a href="mailto:jim.english@morrison-chs.com">jim.english@morrison-chs.com</a> 513 235-3696
<hr/>				
1 <sup>st</sup> Sun & 1/31	M. Karraker M. Miller	M. Maurer N. Maurer D. Schmidt	R. Carraway-x E. Hinz	G.Adams, M.Anthony, D. Burns, B. Fullenkamp, J.Gordon-^, S. Kleine, B. Lewis, C. Lindsey, R. Martinez, ,R. Miller, R. Mullins, D. Rawson, A. Rytel-^,M. Rytel, K. K. Silber, W. Smith, G. Southers, A. Swanson, A. Webb, G. Yee, J. Zeis cc contact: <a href="mailto:karrakmc@aol.com">karrakmc@aol.com</a> asst cc contact: <a href="mailto:millersoasis@msn.com">millersoasis@msn.com</a> 513-235-6128
<hr/>				
2 <sup>nd</sup> Sat & 5/29	R. Root D. Staarmann	R. Anderson B. Towne M. Schababerle	P. Osborne – x	J. Antrim, J. Benner, T. Benner, J. Biernacki, R Holzwarth, J. Hurst, J. Marks, P. Marks, H. Simpkins, J. Price-i, M. Swiderski, B. Towne Jr.-i, cc contact: <a href="mailto:olaandbob@aol.com">olaandbob@aol.com</a> 513-235-6128 asst cc contact:
<hr/>				
2 <sup>nd</sup> Sun & 5/30	D. Menchen G. McDowell-x	B. Cooper J. Goebel-x F. Hawk G. Penner-x	D. Conrad-x T. Rudolf	P. Compton, A. Engeseth, H. Goebel, J. Goebel-^, J. McDowell+, L. McKosky, M. McKosky, K. Menchen, J. Morris+, P. Pedersen, L. Penner, cc contact: <a href="mailto:dmenchen@cinci.rr.com">dmenchen@cinci.rr.com</a> 513 313-2315 asst cc contact: <a href="mailto:quivvinn@verizon.net">quivvinn@verizon.net</a>
<hr/>				
3 <sup>rd</sup> Sat & 7/31	M. Drummey R. Hegele	D. Green R. Scheper A. Widner	C. DeBerry D.Coucke B. Gaerttner	Boesel, E.Cochran, Inman, G. McDonald, R. Perry, C. Richardson-^, M. Wilkins-+ { <b>Student/Crew openings</b> } cc contact: <a href="mailto:mfd4@aol.com">mfd4@aol.com</a> 513 871-1998 asst cc contact: <a href="mailto:N1lrdbird@starband.net">N1lrdbird@starband.net</a> 937-271-5003
<hr/>				
3 <sup>rd</sup> Sun & 8/29	T. McDonald B. Paar	T. Bonser T. Christman M. Hutchison T. Morris	R. Eckles-x* B. Gabbard	M.Aranha,T. Bonser Sr., B. Elliott, C. Higgins, J. Koons, J. Morari-^, L. Old-^, { <b>Student/Crew openings</b> } cc contact: <a href="mailto:tjmcdonald@fuse.net">tjmcdonald@fuse.net</a> 859 992 6801 asst cc contact: <a href="mailto:mariner@mac.com">mariner@mac.com</a>
<hr/>				
4 <sup>th</sup> Sat & 10/30	A. Dignan-t H. Meyerrose	G. Byars R. Cluxton-x G. Print- x	T. Bales T. Lynch-x J. Jackson	K. Adams, B. Fel, C. Hildenbrand^, H. Jones, C. Lohre, B. Milligan, J. Murray, E. Saladin, T. Scott-+ cc contact: <a href="mailto:dignan@fusemail.com">dignan@fusemail.com</a> 513.405.7839 asst cc contact: ASK21 - N521CC – A. Dignan
<hr/>				
4 <sup>th</sup> Sun & 10/31	S. Statkus T. Dockum	J. Bierstine R. Blume F. Paynter-x	L. Alexander B. Clark J. Lubon	T.Bresser, P.Callihan, R. Cedar, J. Coomes-^, Clark, T. Dockum, R. Ghai, C. Haines, K. & S. McManus, An. Rieder-^, A. Salem, B. Stoops cc contact: <a href="mailto:sstatkus@cinci.rr.com">sstatkus@cinci.rr.com</a> 513-720-8955 asst cc contact: <a href="mailto:todd@thetechpark.com">todd@thetechpark.com</a> 513-461-3535
<hr/>				

i-CFIG, t-Tow Pilot, x-Tow Pilot & CFIG, c-Commercial Pilot, +-Pre-Solo Student, ^-Post-Solo Student, \*- FAA Flight Examiner

## PLEASE CHECK YOUR 2010 5<sup>th</sup> CREW DAY SCHEDULE

Additions/Corrections/Changes contact Tom McDonald at [tjmcdonald@fuse.net](mailto:tjmcdonald@fuse.net) or 859-992-6801 (c)

## WHO TO CALL – CONTACT INFORMATION

SSD President: John Lubon 513-543-9154 (c)	CCSC President: Rolf Hegele 937-271-5003 (c)
Chief Flight Instructor: Joe Jackson 513-851-4816 (h)	Chief Tow Pilot: Buck Towne 937-825-6716 (c)
Crew Operations: Tom McDonald 859-992-6801 (c)	<a href="mailto:wm_towne@yahoo.com">wm_towne@yahoo.com</a>
Grounds Maintenance: David Couke 937-287-0910 (c)	Glider Maint: Steve Statkus <a href="mailto:sstatkus@cinci.rr.com">sstatkus@cinci.rr.com</a> 513-720-8955
Billing issues: <a href="mailto:businessmanager@soarccsc.com">businessmanager@soarccsc.com</a>	Ground Equipment: Open
	Safety Officer: Maury Drummey <a href="mailto:mfd4@aol.com">mfd4@aol.com</a> 513 871-1998