

## LVVSA Meeting Minutes 15 Jun 2020

**Call to Order:** 1800 hours by Steve Payne. The meeting was held in the Las Vegas Speedway, U-104 because the weekend meeting was postponed until this date. Also Zoom was used for the first time to allow members to participate remotely.

**Attendance:** Scott Graham, Anders Hurtig, Matt Baker, George Caldwell, Rob Rinni, Misty Roland, Dalton Stradtman, Steve Brown, Dennis Ballew, James Staley, Steve Payne, Rob Brandt. By Zoom: Phil LeRoy, Ray Flee, Peter Redweik, Luca Nerozzi, Jim Madson

**Visitors:** None.

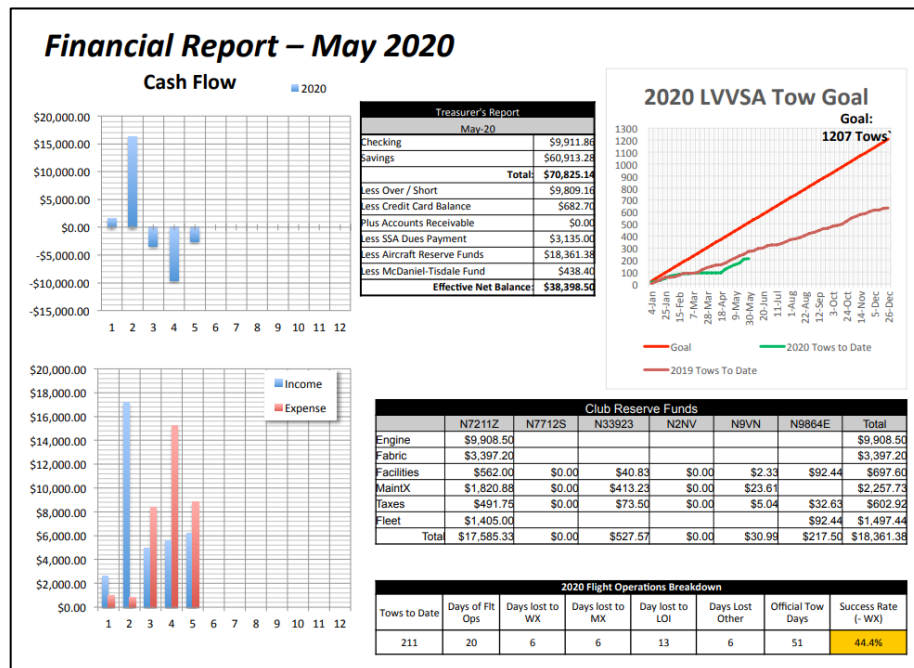
**Membership:** as of 31 May 2020: 36 full members, 9 associate, 1 probationary (Brandon Abel) = 46 total

**New Full Member Vote:** Members voted on full membership for Brandon Abel. Brandon is a USAF Test Pilot and has already checked out as a Tow Pilot for the Club. Matt Baker moved to accept Brandon into full membership, George Caldwell 2<sup>nd</sup>, motion passed unanimously. Welcome to full membership Brandon!

**Last Month's Minutes:** February's meeting minutes vote, Scott Graham motioned for acceptance, George Caldwell 2<sup>nd</sup> the motion, Passed by membership.

**Member News/Recognitions:** Doug Bauer was hospitalized for a collapsed lung. Currently, Doug has moved from the hospital to recovery and Misty shared that he might be home in a week. More to follow.

**Treasurers Report and Flight Ops Metric Data:** (as of 31 May 2020) Rob Brandt briefed the below new "Dashboard" chart which will give members a snapshot of all Club finances and critical soaring operation metrics. The new Dashboard was well received by the members.



## Maintenance Items:

- **Pawnee:**

- Old Left Magneto needs a new housing, repaired and stored in the MX trailer. This issue needs a decision. The Club has been busy with many maintenance tasks during the COVID-19 shutdown but we need to focus on this item and make a decision. More to follow. (OPEN)
- Brake Lines in cockpit, Replace. Dennis inspected during the Annual in April and determined the brake lines were fine. (CLOSED)
- Rob Brandt reported that the left side rear canopy hinge pin is not secured with a diaper pin. It's currently air-worthy, but the pin that is there now needs to be replaced with a diaper pin. Rob Brandt fixed during April Annual (CLOSED)
- Bill Tisdale reported that the pilot's seat is about due for recovering. We'll start looking for an opportunity to accomplish that repair this winter. Seat was recovered during April Annual (CLOSED)
- Bill Tisdale reminded the Board and membership that the Pawnee's brake disks need to be replaced during annual. Disks were replaced during April Annual (CLOSED)
- Steve Payne reported that the right brake pedal is soft. Fluid added during April Annual (CLOSED)

- **Gliders:**

- **Annals:**

- 2-33: Due in December 2020
- Pawnee: Due in April 2021
- 2-32: Due in May 2021
- 2NV: Due in May 2021 (Condition Inspection)
- 9V: Due in May 2021 (Condition Inspection)
- 1-26: Due in June 2021

- **SGS 1-26: Phil LeRoy is Crew Chief**

- Tweety is nearing airworthy status! New paint job and many other items successfully completed during COVID-19 lockdown. Phil LeRoy pushed for the Club to make one final surge to get Tweety airborne this coming weekend. All member agreed and many members stay after the meeting to re-assemble Tweety so that Scott Graham could conduct a weight and balance and Dennis and Scott could complete final paperwork. Thanks to all. For documentation purposes, the following specific items from previous meetings are closed.
  - Tweety is grounded: Phil LeRoy and Scott Graham formulated a plan to repair Tweety. The schedule is aggressive and hopefully Tweety will be airworthy again in early May. (CLOSED)
  - Vertical fin, previous bondo repair along vertical leading edge has popped loose. Fixed as part of the Tweety rebuild. (CLOSED)
  - Brake is weak. Phil LeRoy has offered to work and fix the brake. Install the hydraulic braking kit (the 2-33 was previously installed with this kit a few years ago) which three Club members have donated to the Club. (CLOSED)
  - Cockpit has a lot of wind noise. Replace cockpit canopy seal (CLOSED)
  - The wood longerons and control cables were replaced. (CLOSED)

o **SGS 2-33:**

- Annual completed 21 Dec 19. Glider is airworthy. Two write-ups needed to be fixed within a month. The first was the replacement of the nose skid and the second was the replacement of the rudder return springs. Dalton Stradtman and Matt Baker completed the skid and Rob Brandt completed the rudder return springs. Thanks Gentlemen!! **(CLOSED)**
- Canopy seals deteriorating, need new high-quality replacements **(OPEN)**.
- Replace aileron attachment bolts. Dennis ordered. **(OPEN)**.
- Wing repaint. Will have to wait till warmer weather. **(OPEN)**
- Left forward arm rest, cracking. Investigate new from AZ Soaring. K&L Soaring may be a new supplier of parts. Parts are expensive and the Club doesn't have money. However, once the Club has a healthy MX fund, these would be a high priority item to purchase **(OPEN)**.
- Left aft interior arm rest has crack. Need to replace sooner than later. **(OPEN)**.
- Fabric patch repair near skid. Needs warmer weather. **(OPEN)**.
- Aft right leading edge rudder is dented due to rudder lock. Still air worthy **(OPEN)**.
- Canopy cable attachment fitting is wearing causing a sharp edge. Phil LeRoy is working to address this issue **(OPEN)**.
- The spring-steel tail wheel assembly is worn causing the tail wheel not to swivel. The decision has been made to switch the entire assembly to a fixed tail wheel assembly which will fix this issue. **(OPEN)**.
- The brake access inspection cover, plastic ring to hold the cover and protect fabric needs to be glued. Needs warmer weather to repair. **(OPEN)**.
- Dennis will make a plan to address all non-weather dependent MX actions listed above as soon as practical. But the 2-33 is airworthy otherwise. **(OPEN)**.

o **Grob 103:**

- Grob Status: Based on the latest \$41.8K estimate and pictures, the Board agreed to TOTAL the Grob. The Claims check was received from Costello Insurance in March for \$44,800. The Grob is officially gone from the Club. **(CLOSED)**.

o **LP-15 (Nugget): Steve Payne is Crew Chief**

- Condition Inspection Complete, thanks Scott Graham!:
  - Canopy Unsafe: Investigating options to replace the canopy or sell 2NV. Jay McDaniel went on record as against spending any more money or effort on 2NV. Before deciding, the board would like to wait and see how much 9V will be used. Phil LeRoy verbally supported this course of action as well as several members expressing interest in going to the expense of repairing the canopy. In the meantime, waiting costs the Club about \$160/year in added insurance expense due to carrying 2NV on our insurance allows us to qualify for a fleet discount (approx. \$400 savings) while the "Liability-only" coverage of 2NV is only \$560 per year. **(OPEN)**.
  - The list of Condition inspection "get well" items include
    - o Electrical system needs fabrication and installation. **(OPEN)**
    - o Vacuum and airspeed system need fabrication and installation. **(OPEN)**
    - o Both aileron trailing edges are de-bonding. Scott Graham fixed. **(CLOSED)**
    - o Gear door hinge is broken. Scott Graham fixed. **(CLOSED)**
    - o Total Energy Probe remounted and now requires finishing work **(OPEN)**.

o **SGS 2-32: Steve Brown is Crew Chief**

- Steve Brown plans to order a Decker radio and install front and rear seat PTTs and a speaker box. Steve has coordinated with Maddog to investigate what's needed to install the new radio. **(OPEN)**

- Trim indicator cable needs replacement. May be able to use bicycle brake cable. Still investigating. (OPEN)
- Annual completed on 21 May. (CLOSED)
- **FOO Radio(s), Cart and Misc:**
  - FOO Cart:
    - Right rear tire has slow leak. (CLOSED)
    - Cart is operable in Forward direction only. (CLOSED)
    - Matt Baker investigating a place to accomplish an estimate and possible repair. During COVID-19 Matt Baker hauled the Cart to a repair facility and the card was given new batteries and the F/R switch was repaired along with a new steering front end. Thanks Matt! (CLOSED)
- **Trailer Maintenance:**
  - The seal below the main entry door is failing. Rob Brandt offered to take a look (OPEN).

### **Flight Operations:**

- **Training:**
  - Training Plan and documentation: Scott Graham and Anders Hurtig completed the training documentation. Thank you Scott and Anders! We have officially transitioned to the CFI of the Day Concept of Operations (CONOPS).
  - However, Scott is our only Instructor of the Day. Other instructors are willing to assist with Club instruction needs on an “as scheduled” basis. What this means is that the Club does not have enough Instruction bandwidth to accept new students unless per agreement with a specific instructor. We only have enough Instruction bandwidth to cover existing member needs.

### **Safety Items:**

- **REMINDER:** Letter from the SSA and Costello Insurance regarding the spike in 2020 accidents and the possible loss of insurance coverage if this trend were to continue. Membership was reminded about our Club’s contribution to this dilemma and to be extra vigilante in all glider operations.
- **Tow Pilots:** FAA Webinar last Tuesday: Zen and the art of aerotowing. Several members (Rob Rinni, Dalton Stradtman) watched the web-cast and said it was interesting, but long.

### **Old Business:**

- **Crew Chief MX concept:** We still need Crew Chief for the 2-33! (OPEN)
- **Looking for a Contest Organizer:** Spot Landings, Course time, etc. The Board wants to have a local competition. Bill Tisdale offered some 50km triangle course material he prepared a few years ago for a Club competition. Bill will email it to the Board. (OPEN)
- **Looking for a Grounds Lead:** Keep the grounds neat and orderly. Also, keep the weak links healthy and replaced along with monitoring the Oxygen tanks. A member has indicated interest. (OPEN)
- **Propose purchasing a 20’ Container for storage and to serve as a garage for the Cart.** County said NO because containers were not allowed on airport property as storage devices. (CLOSED)

- By-Laws Changes: Jay McDaniel draft a list of by-laws changes. One of the changes requires more work by the Board before it's ready to present to the membership. Expect to have a comprehensive list of by-law change recommendations at the August 2020 meeting. **OPEN**

### **New Business:**

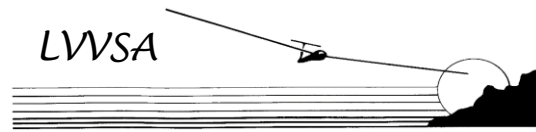
- Aircraft Assignment: A list was published of member aircraft assignments. We'll be looking to that group of people as the primary support for the respective aircraft. We'll post the list to the Club web-page. Scott Graham asked and it was confirmed that this list could be adjusted. This is not a permanent assignment. If you would rather support a different glider, just let the Board know and we'll make adjustments. **CLOSED**

Glider Teams		
	Assigned Aircraft	Assigned Aircraft Name
Adair, John	1	1-26
Carlson, Tracy	1	1-26
Gough	1	1-26
LeRoy	1	1-26
Movius	1	1-26
Redweik	1	1-26
Stradtman	1	1-26
Baker	2	2-33
Caldwell	2	2-33
Graham	2	2-33
Logue	2	2-33
Rinne	2	2-33
Steinhour	2	2-33
Van Noy	2	2-33
Ballew	3	2-32
Brown	3	2-32
Carlson, Greg	3	2-32
Harrington	3	2-32
Madson	3	2-32
Roland	3	2-32
Wichmann	3	2-32
Bauer	4	LP-15 2NV
Hurtig	4	LP-15 2NV
McDaniel	4	LP-15 2NV
Payne	4	LP-15 2NV
Peck	4	LP-15 2NV
Staley	4	LP-15 2NV
Brandt	5	LP-15 9V
Flee	5	LP-15 9V
Jackson	5	LP-15 9V
Meriwether	5	LP-15 9V
Nerozzi	5	LP-15 9V
Quero	5	LP-15 9V

- Jobs: This list of functions/jobs was previously emailed to members. This is what the Club needs on a regular basis i.e. monthly to function at an “Excellent” level and with safety in mind. Since this list was published, several members have agreed to perform a function. This version of the list does not reflect those updates. We will post these jobs on the web pages as well. **(CLOSED)**

Club Jobs		
	Functional Points of Contact (POC)	Pilot
1	Scheduler (FOO, IOD, Tow)	McDaniel
2	Safety Officer	Gough
3	Facilities POC	
4	MX Trailer POC	Bauer
5	Events POC (Auto Tow, Safari's)	
6	Wing Runner POC	
7	Facebook Page POC	
8	Web Page POC	McDaniel
9	FOO POC	McDaniel
10	Social POC	
11	Cross Country POC	
12	Demo Chief	
13	Demo Pilot 1	
14	Demo Pilot 2	
15	Demo Briefer 1	
16	Demo Briefer 2	
17	President	Payne
18	Vice-President	Ballew
19	Secretary	Harrington
20	Treasurer	Brandt
21	Chief Pilot	Graham
22	2-33 Crew Chief	LeRoy
23	1-26 Crew Chief	
24	Nugget Crew Chief	
25	Flight Instructor Day 1 (Chief)	Graham
26	Flight Instructor Day 2	Brandt McDaniel
27	Flight Instructor Day 3	
28	Flight Instructor Day 4	
29	Flight Instructor Day 5	
30	Flight Instructor Day 6	
31	Flight Instructor Day 7	
32	Flight Instructor Day 8	
33	Flight Instructor Day 9	
34	Ground Instructor Day 1	Brandt McDaniel
35	Ground Instructor Day 2	
36	Ground Instructor Day 3	
37	Ground Instructor Day 4	
38	Ground Instructor Day 5	
39	Ground Instructor Day 6	
40	Ground Instructor Day 7	
41	Ground Instructor Day 8	
42	Ground Instructor Day 9	
43	Tow Pilot Day 1 (Chief)	Graham
44	Tow Pilot Day 2	Brandt
45	Tow Pilot Day 3	Baker
46	Tow Pilot Day 4	Gough
47	Tow Pilot Day 5	Wichmann
48	Tow Pilot Day 6	Payne
49	Tow Pilot Day 7	
50	Tow Pilot Day 8	
51	Tow Pilot Day 9	
52	A&P	Bauer
53	A&P	LeRoy
54	A&P	Ballew
55	A&P	Graham

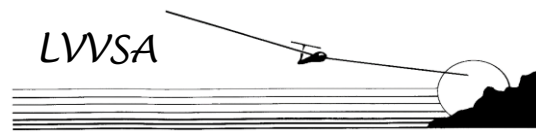
- Fleet Committee Update brief: The attached Fleet Committee Update brief slides were presented to the membership concerning a plan for fleet management of the Club. The Fleet Committee is not ready to make a final recommendation to the Club at the present time due to the next meeting agenda item regarding Clark County Department of Aviation interest in our Club trailer and awning. See next meeting item below (OPEN).



# Fleet Committee Update

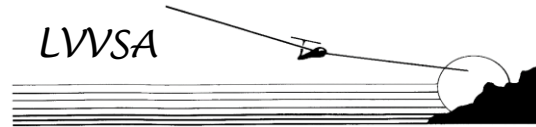
15 Jun 2020

## Sustainment Committee Members



Dennis Ballew  
Doug Bauer  
Rob Brandt  
Jay McDaniel  
Scott Graham

Thank You for your time!



Reminder:

By-laws Preamble....i.e. Our Purpose!

**“The purpose of the Club is to promote recreational soaring and educate the public regarding recreational soaring activities”.**

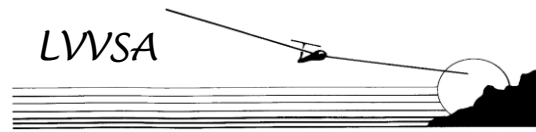
## Fleet Committee Commission



- Identify the soaring purposes/missions the Club intends to provide members.
- Fleet Makeup that best meets the purposes/missions in priority order.
  1. Pilot Training
  2. Long Duration (local)
  3. Cross-Country
  4. Demonstration Flights
  5. Aerobatics
  6. Wave



## Fleet Committee Commission (cont)



1. Aircraft selected shall be safe for use in a club environment. Aircraft chosen shall be free from unsafe or unusual handling characteristics so they can be safely piloted by members of average skill.
2. Aircraft selected shall be maintainable. Aircraft chosen shall be free from maintenance requirements necessitating highly specialized skills and equipment. Club aircraft should largely be maintainable by club member skill sets.
3. Aircraft selected shall be versatile. Aircraft chosen should be capable of filling as many missions as possible, such as training, student solo flight, and cross-country flying.
4. Aircraft selected shall be durable. LVVSA operates in a harsh desert climate without the benefit of shade. The club's aircraft should be able to withstand outdoors storage, or at the very least, support easy assembly and rigging.
5. LVVSA aircraft selected shall be appealing to members. Aircraft for member's use should have a well maintained appearance for the comfort of members and guests. Aircraft that are desirable to fly will maximize enjoyment.
6. Aircraft selected should have commonality with the LVVSA fleet. Aircraft of similar configuration and manufacture will aid in the transition of members from training aircraft to those of higher performance.
7. Useful Load which will allow a large cross section of LVVSA members to enjoy Club aircraft.
8. Pursue and use Lease-backs as a cost-effective method for the LVVSA to maximize broad appeal to members and fulfill important missions/purposes.

## Glider Matrix and Current Findings



Cost	Pilot Training	Long Duration (Local)	Cross-Country	Demo	Aerobatics
Inexpensive (\$0-\$20K)	2-33	1-26	LP-15	2-33	??
Medium (\$20K-\$70K)	L-23/2-32	L-23/2-32	PIK-20/L-33	L-23/2-32	??
Expensive (> \$70K)	ASK-21/DG-1000	ASK-21/DG-1000	ASK-21/DG-1000	ASK-21/DG-1000	??

- Current Findings
  - Don't want a Grob 103....most have poor useful loads due to previous damage
  - ASK-21 is cost prohibitive and none are available
  - No L-23's are currently available
  - **Two 2-32's are available!**

- Clark County Department of Aviation (CCDoA) lease renewal and inspection of Club Trailer. On 21 May, the Club received email communication from the CCDoA requesting a “joint inspection of the modular prior to renewal” of our lease agreement, which expires on 30 Jun 2020. A meeting was quickly coordinated for Monday, 1 June at 0900 at the Club. Dennis Ballew, Misty Roland and Steve Payne met with five CCDoA managers (to include Bruce Daugherty, Jean Airport Manager) for about an hour. After a brief visual inspection of our Club trailer and surrounding grounds, we were informed that due to recent Insurance pressures (reducing risk for the sake of reducing or keeping insurance premiums level), the CCDoA is using the mechanism of lease renewals to inspect and bring tenant facilities up to current building codes. Our facilities do not meet permanent structure building codes and the gentlemen’s i.e. “grandfather” agreement the Club has enjoyed for at least 2 decades has run out. Much discussion and probing for hidden agendas was had regarding real risk to the County, premises insurance coverage, the portable nature of the trailer, available options for the Club if the trailer had to be removed, etc. In short, the CCDoA said they would send us a letter with their list of structure/electrical items that would need to be addressed for a successful lease renewal. Until the Club receives that letter, there is nothing much to fix and/or decide for the short or long term. As of this monthly meeting, the Club has not received any formal (or informal) communication from the CCDoA regarding this matter.

There was some discussion amongst the members for clarity of the CCDoA’s concerns. Misty offered some insight and context for some issues. All members agreed that the Club was in a “wait and see” mode until the next communication is received from CCDoA. **(OPEN)**.

#### **Calendar items:**

- Tonopah Safari: 12-18 Jul 20 Lots of planning to do. 17 Aircraft.

#### **Misc items:**

- Today’s Tow/FOO/Weather/NOTAMS/Ops: N/A because the meeting was held on a week night.

**Motion to Adjourn:** 1<sup>st</sup> by Scott Graham, 2<sup>nd</sup> by George Caldwell. Motion carried.

- Meeting adjourned at 1908 hrs.