

August  
2016

# FLITE LINES

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Newsletter • CASA de AERO R/C Club • Prescott Arizona  
<http://casadeaero.com/>



**From the top,**  
By, Dave Domzalski  
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Since I will be passing the torch as president this year I have appointed a nominating committee. Jack Taub and Art Kaplan will be beating the bushes to see who might like to run for a board position. All positions are available and no nominees will be turned away. You may self nominate. Specific vacancies include President, VP, and Board Member at Large. Please give this some serious thought. The club is run by volunteers and a rotation helps bring in new ideas, methods, and vitality. If you want to see things done differently, take part!

Recent rains have helped to keep the runway in good condition. Weeds are still at bay. There is one small rut forming toward the right end of the runway on the near side. This will need to be filled in by hand if anyone is feeling a little energetic. A drag and/or rolling would be good after the next time we get enough rain. The rains have not been a problem with field access. Typically, the day after a rain portions of the parking lot are a little muddy but the air field remains perfectly usable. Don't let the rains discourage you.

The UAS program for ERAU is ramping up fast! Last Spring I had a single class of 18 students. This fall the count is up to 84 and probably rising. The school plans to have each student get 2 hours fixed wing flight time and 1 hour of multirotor time. The school will be recruiting students to provide flight training. So instead of teaching a class all at once it will be one-on-one instruction with a buddy box. Typically there will be one or two flight stations being used for this. Doing the math, and considering that a lot of the training will be done later in the morning, this shouldn't impact our flying significantly. We still have priority over any open flight stations.

The school will also be putting in a storage container or shed near the pergola for their equipment.

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**NEXT MEETING will be the first Tuesday of the month.**

Meetings start at 7:00 PM in room 101, Building 21 (Robertson Aviation Safety Center)  
On the Embry-Riddle campus, 3700 Willow Creek Road.

Visitors are welcome! **See you there!**

**Casa de Aero**  
**General Membership Meeting**  
**Aug 2, 2016**

**Attendance:**

**General Members:** Jerry Alvarez, Don Broadstone, Dave Domzalski, Walter Findlay, Peter Genereaux, John Gorczyca, Matt Hinshaw, Al Iamiceli, Art Kaplan, Earl LeBlanc, Dave Marston, Jim McDonald, Robert Olson, Gene Tomek.

**General Visitors:** Kirk Lander (joined as new member)

**ERAU Members:** Cole Field

**ERAU Visitors:** James Wigton, Conner Anderson

President Dave Domzalski called the meeting to order at 7:02 p.m.

We had a guest, Kirk Lander, who officially joined the club. He has been to the field a few times to fly. He recently relocated here from the Tucson area. After several years away from the sport, he has been flying the past 2+years. Welcome Kirk.

**President's Report and New Business (Dave Domzalski):** Election of Officers and Board for next fiscal year (starting in November) is coming up. A nominating committee of Jack Taub and Art Kaplan has been appointed, and they are targeting having a slate of candidates for the September meeting (election in October). Please give consideration when they contact you. All positions are open with President and Vice President without anyone stepping up yet.

**Vice President's Report (Matt Hinshaw):** Night flying last Sunday turned into more of a BBQ which is okay. Weather did not cooperate. Will try to put together

another date soon (Sunday evening to avoid lights).

Remember the annual Boat Float/Picnic which is set for Sunday, Sept. 25. The ramada is reserved for 9 am to 2 pm.

**Safety Report (Rudy Arp):**

Rudy is traveling and unable to attend.

Jerry Alvarez reported on a strange occurrence with his hex copter. While flying over the right hand end of the runway at about 100 ft. one afternoon, he lost control – the unit took off to the left, circled around behind him and did a hard landing back behind the cover and trees. There were 4-5 ERAU folks in the area, but were not threatened. The good news is there was minimal damage. No apparent cause was determined, and after putting things back together, he reports the bird flies just as it should. The incident happened during his second flight, the first went smoothly with no issues. Was it a signal interruption as has been reported on the right side of our field, or a component glitch, or...? Points out the importance of double checking everything, and even then being ready and vigilant.

**Flight Instruction (Cole Field):**

Cole has only 1 student (Paneer) but hasn't had recent activity.

Peter presented a solo certificate to Earl LeBlanc. Congrats to Earl.

**Treasurer's Report (Dave Marston):**

The checking account balance is \$3189 with only the food expenses from Sunday's night flying outstanding.

**Secretary's Report (Al Weikart):**

We have about 73 members. There are some individuals that have been out flying, but have not paid their 2016 dues. Those who have not paid 2016 dues have been removed from the email list.

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July 27th was our first Night Flying BBQ with at least partial success. We had about 30 people attend. The club provided beer boiled brats and sides. It was reasonably cool and breezy. Before it got dark everyone had a chance to sing their brat over some coals and enjoy a dinner. Shortly after that the rain started and became heavy. So the night flying part was cut short.

Next Saturday, August 13th from 8-10 we will be having our next Come Fly With Us event. ERAU will not yet be back in session. Invite your friends or other interested parties to come out. Bring a trainer and buddy box. As usual there will be breakfast burritos and doughnuts.

Sunday, August 21<sup>st</sup>, will be our next Indoor Flying event at the PSUD dome gym. Pizza and beer at the Liquor Deli to follow as usual.

Thursday, August 25<sup>th</sup>, is an ERAU Community Resource Fair. We've been asked to participate. This involves sitting at a table in the Eagle Gym answering questions from new students possibly looking to get involved with our club. The time will span noon-3 pm. I'm looking for volunteers to help sit. You may bring a plane or quad for static display. We might merge with the ERAU UAS club. Toward the end of September is our annual Boat Float. This is an early reminder for those bringing a boat or float plane and want to be sure it is ready in time. I'll bring plenty of toys this year. The trusty old C-Fire amphibian, a quad copter or two, a steam powered runabout, the Titanic, and maybe an off road race truck.

There have been some regular FPV quad racing practice sessions being set up by James Wigton at the local ball fields for anyone interested. Please contact me, Matt Hinshaw, or James if you want to be included. Course markers and gates are set up for these events. We typically have about 5 racers attend. When school starts I expect interest in FPV quad racing will be on the rise.

If there are any other events coming that I haven't announced, please let me know and I will send out a special announcement.

*Dave*

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### Peter conducted the 50/50 raffle:

\$13 prize to Don Broadstone.

### Ucoming Dates:

Come Fly with Us - Saturday, August

13<sup>th</sup> 8:00-10:00

Indoor Flying – to be determined, Matt H. will send an announcement.

### Show and Tell:

Cole reported on a meeting he had with Dr. James and the other faculty associated with ERAU's UAS program. The school is expecting between 60 and 80 students going through the program in the fall taking two different classes with RC experience requirements. They are planning on starting flying after 8:00, and already planned to not use more than 2 of our flight stations at a time with fixed wing being on the runway and multicopter primarily located at the rotorcraft area, unless the runway is not being used. Flights will be staggered throughout the day based on the instructor and student availability so it should not have any major impact on our flying. There will not be a requirement for the students to solo. Plans include adding a storage unit in an open area between bushes north of the covered area and eventually a possible permanent building next to the big closed road for the instructors and students to brief and take breaks. The weather station is also planned to be at the north end of the runway, offset towards the road to be out of the way. Commercial UAS operations will not require a Section 333 exemption starting Aug. 29 with the new FAR Part 107 going into effect. Current full scale pilots have a clear path to get certification (Cole completed the test). Others might have to go through more hoops to do so.

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Dave Domzalski brought in his new ME Komet model purchased on sale from Hobby King (“\$50 screaming deal”). It is reasonably true to the WWII German rocket plane in design although it has an electric motor and prop on the nose. It is possible to augment propulsion with a small rocket motor added in the tail, but that appears to be iffy. The plane does not have good ground handling, but once airborne from a very strong throw it does fly well. May try a bungee launch since hand launches have not always been successful. At least the plane is stout (but that means also a bit heavy). He is using a 3S 1500ma LiPo (should a 4S be tried?).

Meeting adjourned at 7:55 PM.  
Respectfully submitted by **Dave Marston**.



Cole with his new 50CC Extra.



Jack's new "micro" T-28. It only takes 4 hands to hold.



Dave and his new Komet.



Ken's Mosquito.



Shel's buffed P-51.



**Matt's Carbon Cub.**



**Ron's Timber.**



## Hats & Shirts



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