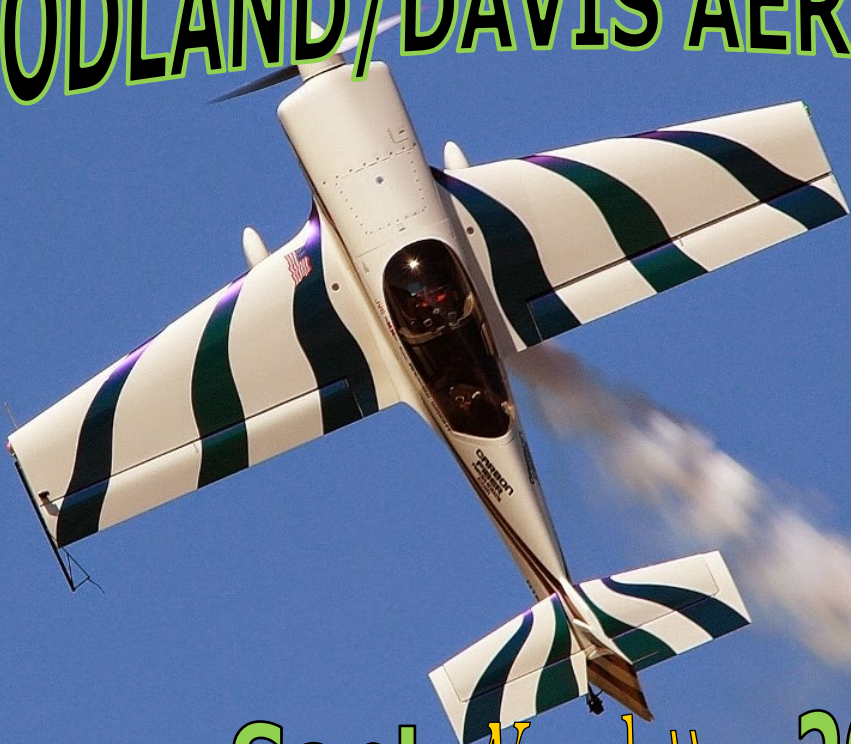


WOODLAND/DAVIS AEROMODELERS



Sept Newsletter 2018

PREZ SEZ: Well summer is over and fall is upon us. I just had Daniel start 3rd grade and we just started Jacob in day care for a couple of days a week. This year seems to have just flown by; hard to believe we are $\frac{3}{4}$ of the way through it already. Maybe running around trying to keep up with a 1yr old make time fly. We have a couple more months of good flying weather this fall before we get into winter. So I hope you are all out and enjoying the site before the weather really starts to turn.

At the last board meeting the board approved to start the process of getting a pump for providing irrigation water. They authorized the expenditure to install the infrastructure needed and "Rent" a pump. We are renting to prove the concept before we spend club funds on such a piece of equipment. Over the next month we will be working on that and operate the rental unit for the balance of the summer. The board then can look at capitalization and some fund raising/ grant options to try and lessen the impact to the club treasury for this pump. In the mean time I am still encouraging those that are interested in donating to keep the field green or looking for a tax write-off before the end of the year to consider contributing to the field watering fund. As I said before my biggest fear is a fire coming through and destroying our brand new runway. With 100' of watered and green turf around the area, that possibility is dramatically reduced. So even if you don't normally use the grass, it serves other purposes.

Speaking of the non-profit aspect of our club, I also want to put out a plug for the club as a financial benefactor in your estate planning. Shannon and I recently went through this process for our family. This was interesting process because they plan for just about every single

scenario that could happen, no matter how remote. As part of those scenarios I was able to list the club as a beneficiary to our estate. I know that AMA and other non-profits do the same and can be ear-marked. I just want to plant the bug in those that may be thinking about that because until I went through the process, I hadn't really considered it.

We had our last indoor fly this past weekend. Unfortunately the hockey rink is closing due to losing their lease and so far, has not found another site to lease. So if anyone has a line on a local gym, warehouse, hangar or anything of that nature, we are looking for space once again to fly in.

**NEXT WDA CLUB MEETING TO BE HELD at the
Woodland Library, Leake Room, Monday**

**Sept. 10th @ 7pm
Board meeting @ 6pm**

This month:

- | | |
|-------------------------|----------------|
| • Prez Sez | Forrest Barton |
| • Board Meeting Minutes | Mike Frint |
| • Club Meeting Minutes | Mike Frint |
| • Meeting pictures | Mike Frint |
| • Modelers Corner | Rich Geertson |
| • Remaining 2018 Events | |
| • Event Flyers | |

Well, we only have a couple more events left at the field for this year. The Old School Jamboree is coming up on Sept 8th. Then the Heli Scale Masters at the end of the month on Sept 27-29. Then we finish off the end of the year at Lake Minden for the float fly, Oct 5-7. We also have the AMOS Jet Fly coming up Sept 21-23. Last but not least is of course the Reno Air Races on Sept 12-16. So for those looking to find something aircraft-related there are plenty of options this month. (*Editor's note: California Capital Air Show, celebrating Mather AFB 100th year, is Sept. 21-23*) Last month at the monthly work party the catch net for aircraft was wrapped up and we were able to address a couple items from the safety audit. As I noted above, this month we will be working on the irrigation lift pump system and wrapping up the items started from the safety audit. With the end of the year coming up quickly it is also time to start thinking about nominations for club officers. As always, the 4 officers will be up for nominations as they are only a 1 year position so that is the President, VP, Secretary and Treasure. This year I think there is only one board position up and I think that is Chris Dellinger's. This is your chance to either step up or your chance to find someone that you want to represent you. If you have been around the club or been reading the newsletter you know that a lot of things happened in the last year. So this is your chance to pick your representation for the next year. As always if you have questions or concerns drop me a line. Otherwise I look forward to seeing you all around the field. Thanks, Forrest

August 13, 2018 General Meeting Minutes

Board Members/Officers present: President: Forrest Barton, Vice President: Doug Vice, Treasurer: John Eaton, Secretary: Mike Frint. Board Members: Doug Barton, Kerry Roberson, Danny Winters. Safety Officer: John Lett. **Absent:** Chris Dellinger, Mike O'Kane.

Meeting called to order at 1913 hours by Forrest Barton at the Woodland Public Library. There were 14 persons present. No guests or new members.

A motion was made by Art W. to approve last month's minutes. The motion was adopted with one no.

Officer reports:

President: Forrest deferred until later.

Vice President: Doug V. deferred until later.

Secretary: Mike mentioned he received another fake e-mail from Forrest that said "call me right away." Forrest reminded us that these are not from him.

Treasurer: John stated we were still down on our checking account since last year. Event money came in from the Pattern contest, Golden Age and Float Fly.

Membership: John had nothing new on membership.

Safety: John Lett deferred until the end of the meeting.

Chair reports:

Field: See Old/New Business section. Jeff Lovitt asked how many locks should be on the gate. The answer is two. Sometimes SMUD adds a third lock. If we need to reset the locks John E. has a key.

Newsletter: Rich was absent.

Points: Points are not up to date. The points chair is still open.

Website: Kerry stated the website is up to date except for the points list. He will send out an e-mail about the work party.

Old/New Business:

A work party was scheduled for August 18. The Board authorized \$2000 for piping and pump rental. Art asked if we have permission to take the water. Doug B. says the answer is yes; but we will probably have to pay Yolo County for it.

Events: The last indoor flying event was scheduled. The Goyet control line event date is Aug 25 and 26. The Old School event will be September 8th. Forrest received the AMA sanction for the event and said that the Vintage R/C Society will help pay the sanction fee. (<http://vintagercsociety.org>) We will again be doing the Vacaville Library event in November on Thursday the 15th. The Meet-n-Meat control line event is September 22 and 23.

Event reports: Jeff Lovitt reported that the Wings of Victory was a good event, had about 25 pilots and earned the club some good income. The World War Two reenactment group did not attend. Bill McGaughey's wife worked in the snack shack, sold a lot of food and really did a lot of work for the club. There were a couple of pilots who felt the new fence interfered with their radios. Jeff did a test where he held his transmitter behind the fence, six inches off the ground and flew as low as he could and he did not experience a problem. Unfortunately, Bob DeLozier did destroy his A-26 at the event.

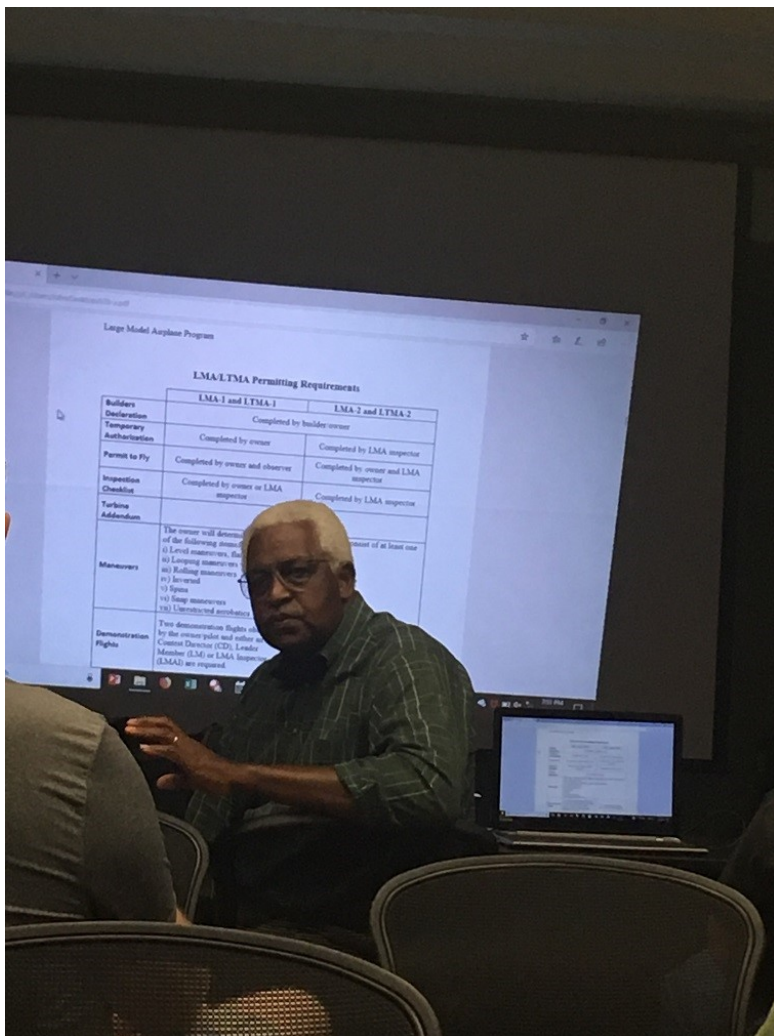
New Business: Forrest has not heard back from the Boy Scouts about the Beale AFB event so he considers it a dead issue. The low water crossing (driveway across the canal) is open. You can cut through there (at your own risk) to minimize the dust flying from driving down the road. Also, keeping your speed down on the road helps. Forrest also mentioned that if you have a fire (lipo etc) that you need to get on it right away. He feels that the fire risk is ON the runway not OFF. For example: last year we had a foam turbine powered F-16 that burned. Also, Ken Rumsey has been repairing the red model transport carts at the field. Thanks Ken!

Toilet Seat Nominations: Bob DeLozier A-26 during the Wings of Victory

Show and Tell: None

Presentation: Club Safety Officer John Lett gave us a slideshow about the AMA Large Model Airplane Program, of which he has been a participant in writing rules/design/inspection. <https://www.modelaircraft.org/large-model-aircraft> The program applies to models 55 pounds or over. AMA document 520a <https://www.modelaircraft.org/sites/default/files/files/520-a.pdf> is a 27 page document that lays out the specifications/requirements for flying a model 55 pounds or larger. This document address items such as wing loading, servo requirements, power and thrust, control slop etc. In some ways, it mimics full scale aviation. Most importantly, a person flying in this program needs to have their aircraft inspected and then they have to obtain a permit to fly. AMA Document 520c shows who has current permits and the expiration dates of said permits. Documents are available in the AMA "members only" section of their website. Anybody who is the Contest Director of an event may need to know who has a permit to fly. If you are going to build a large aircraft, get in touch with John Lett.

The meeting was adjourned at 2049 hours.



WDA's Safety Officer, John Lett, presented on the AMA's Large Model Airplane Program. The program applies to models 55 pounds or over. Documents are available in the AMA "members only" section of their website. If you are going to build a large aircraft that will meet or exceed 55 pounds, get in touch with John Lett.

August 13, 2018 Board Meeting Minutes

Board Members/Officers present: President: Forrest Barton, Vice President: Doug Vice, Treasurer: John Eaton, Secretary: Mike Frint. Board Members: Doug Barton, Mike O'Kane, Kerry Roberson, Danny Winters. Safety Officer: John Lett. **Absent:** Chris Dellinger.

The meeting, held at the Woodland Public Library, was called to order by Forrest Barton at 1802 hours. 11 persons were present. No guests or new members.

A motion was made by Mike O. to approve last month's minutes. The motion was seconded and adopted.

Officer reports:

President: Had nothing

Vice President: Had nothing

Secretary: Had nothing.

Treasurer/Membership: John stated he has some incorporation papers to file with the State of California.

Old Business: Water supply for irrigation discussion.

There will be two pumps. One from the canal and the other we have in the north/south ditch. John wants to rent a canal pump before we spend money on one so as to test the siphon arrangement. We discussed friction loss and lift ability and whether to put the pump on the field side versus putting it in the canal. The other small pump we have now in the north/south ditch can not supply all the sprinklers at once and once the current incoming water is shut off, we have about thirty-six hours of watering available according to Doug B. John did say that the canal pump we want to purchase could de-water the field back into the canal if we had a flooding problem. Forrest also mentioned that the field/runway could burn if it gets too dry out there. Plus we only have the one road for escape if there was a large fire. The pump we are looking at would be about \$6400 delivered and if we put it on the field side we need to pour a concrete pad. We would need about 150 feet of 6 inch Schedule 40 pipe. Mike O. then made a motion to budget up to \$2000 to buy materials for the pipeline and rent a pump to test the suction. The motion was seconded and adopted with no opposition.

We still need to get a memorial plaque for the field for Milt DeGroot.

Event Reports: Nothing to report.

New Business: Randy Sizemore has been storing the club boat at his house for the float fly events for years. He also hauls the boat to the events twice a year. It is a hassle for him. He has asked the club if we could purchase a small used trailer. Kerry R. made a motion to spend up to \$200 to purchase a trailer for the club boat. The motion was seconded and adopted with no opposition. The trailer and boat will be kept at Randy's house.

A work party was scheduled for August 18 for working on the safety issues list that our Safety Officer produced and to finish the fence project. Art mentioned that we could possibly get some Army surplus equipment for the field. Mike O. said we probably qualify since we are a non-profit organization. Mike O. also mentioned that we should work on the shade structure to make it more solid and permanent. Discussion ensued.

Upcoming Events: The last indoor event was scheduled. Helicopter Scalemasters and Vacaville Library presentation are scheduled. Meeting adjourned at 1906 hours.

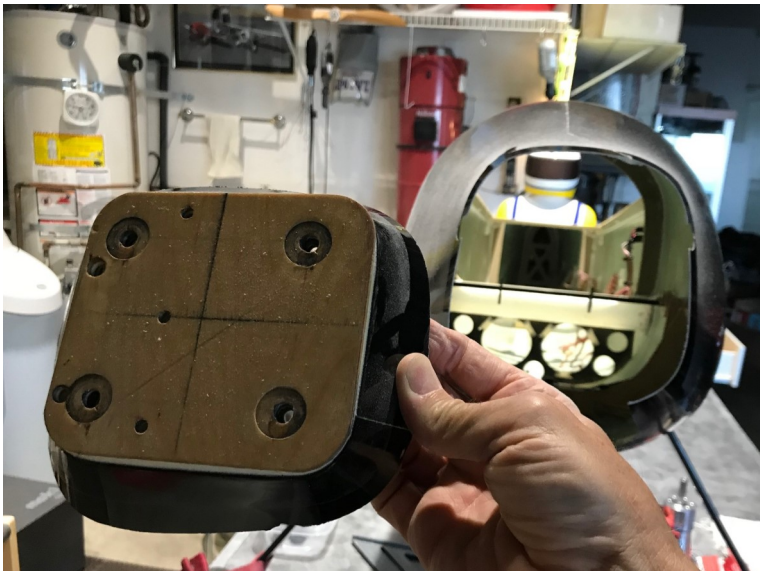
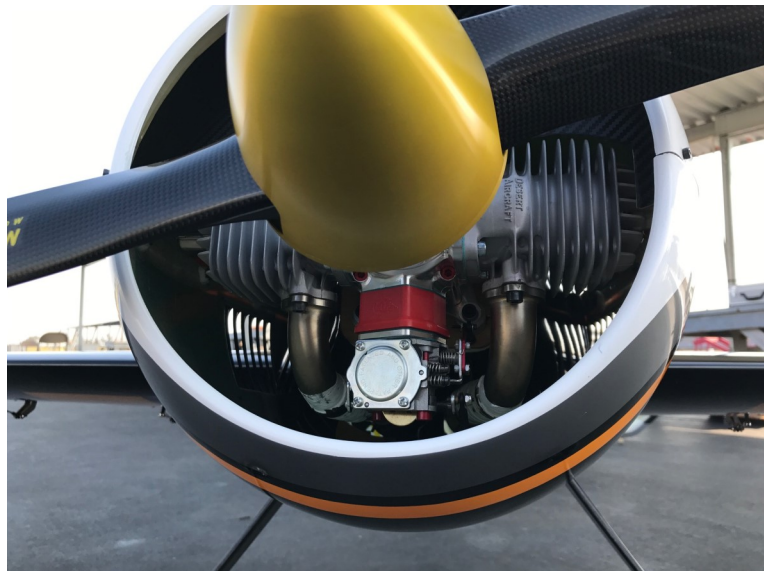
Aside from spending too little time in my shop, what time I have spent seems to run the project gamut these days...

Unable to leave well-enough alone, I recently took to replacing the superb DA-120 and canisters in my CARF SU-31, with a Moki 180 radial. If I had a nickel for every hour I've spent swapping engines in RC aircraft... well, I'd have a whole slew of nickels!

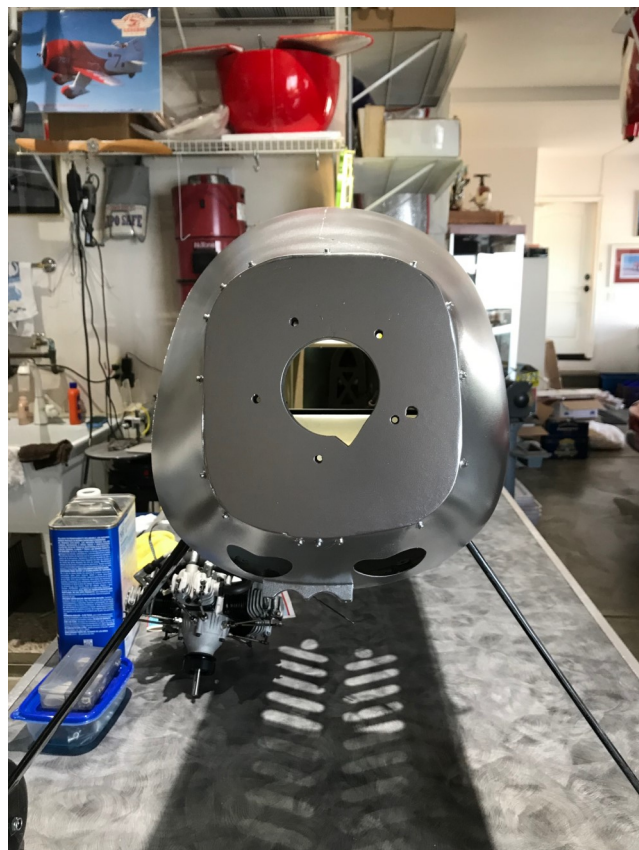
Taking a perfectly good flying aircraft and essentially gutting it was not an easy decision, but such is my mania when it comes to engines. The Moki represents about twice the weight of the DA120 so the internal workings of the plane all require relocation. The Moki also required that I reposition the firewall aft by about 1.5 inches. In very short order, I went from having a turn-key composite aerobatic aircraft... to an empty shell missing its firewall!

By Richard Geertson

Modelers Corner



Oh well, having been down this road before, the task ahead wasn't so daunting as it was head-scratching (wtf am I doing??!!) I made a new firewall by laminating two 1/4" pieces of aircraft ply, beveling the perimeter to correspond with the tapered nose. In so doing, the firewall is "wedged" in place against the fuselage taper preventing it from pulling forward. Before permanently epoxying it in place, it was fiberglassed and all engine mounting holes drilled as well as the large center hole to accommodate the engine's K&N air cleaner. Of course, I checked the firewall incidence to correspond with the stab. Right thrust? Eye-balled it. When comparing a DA120 spinning a 29x9 two blade... to a Moki 180 spinning a 26x15 3-blade, rules of thumb on right thrust go RIGHT out the window, IMHO! I can't begin to calculate the difference in torque or P-factor...



Left, completed firewall and entire front section painted silver. Below, picture from behind firewall shows 5 engine mounting bolts (with retention nuts) and engine air filter. Canister openings have been partly glassed over with glass cloth applied to inside firewall area.



Another very important change to the cowl is the engine baffling. It is critical to limit incoming cooling air so that it **MUST** pass through the cylinders.



Vogelsang Aeroscale (from whom I purchased the engine) sells a laser cut wood baffle which was positioned, tacked in place, epoxied, filled, then split so as to allow the cowl top and bottom halves to be removed separately. Flexible stainless steel exhaust extensions were added and the cowl opened up for the exhausts at the bottom.

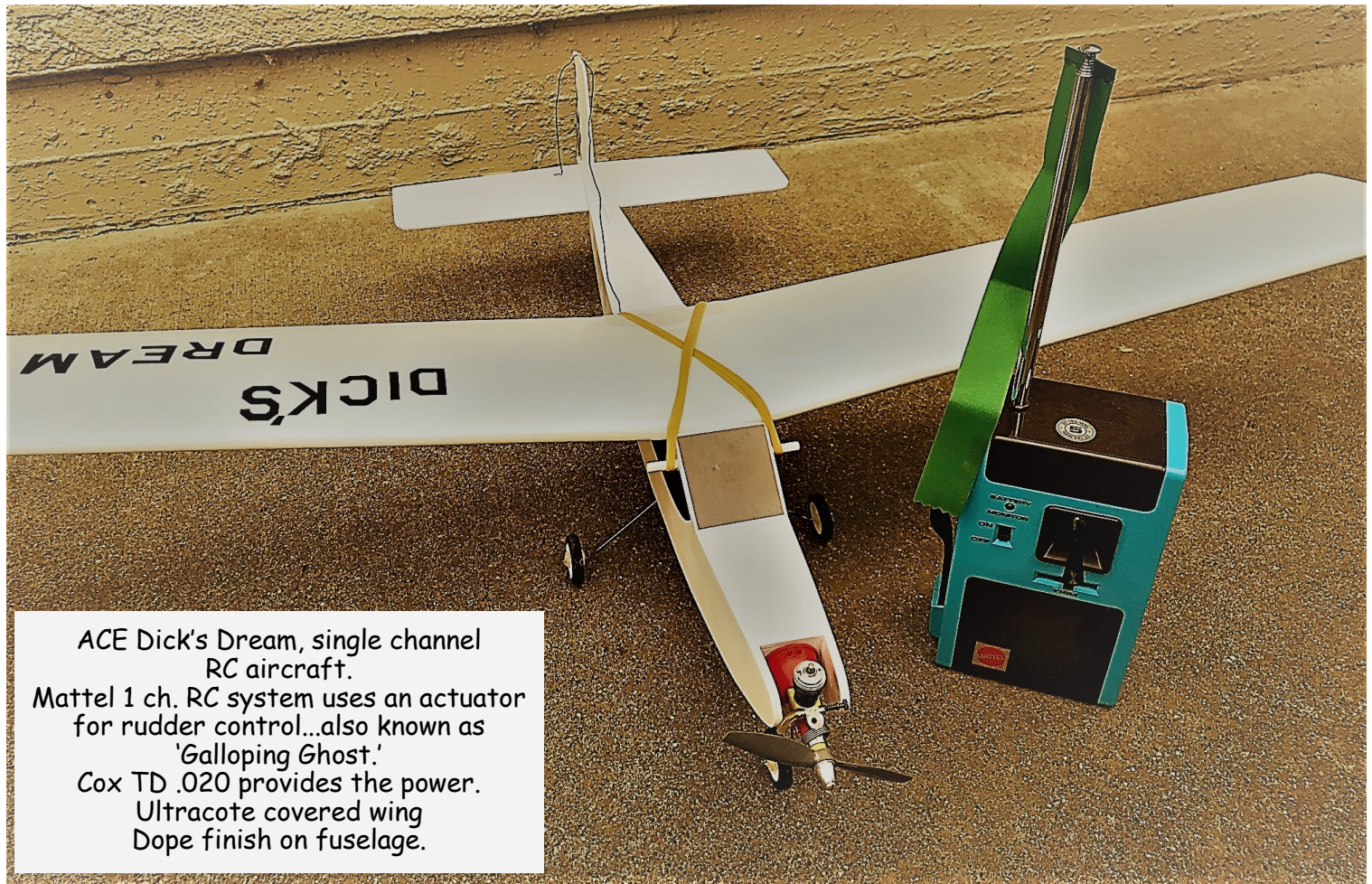


Still **LOTS** more to do, but I'm past the most difficult parts!

And now, for something completely different...



Dick's Dream finally ascended to the heavens and I must admit, the experience didn't quite measure up to that first flight in 1973 when I and a buddy successfully piloted the same aircraft and radio combo through an "entire tank" of fuel!



ACE Dick's Dream, single channel
RC aircraft.
Mattel 1 ch. RC system uses an actuator
for rudder control...also known as
'Galloping Ghost.'
Cox TD .020 provides the power.
Ultracote covered wing
Dope finish on fuselage.

This maiden took place very early Labor Day morning. The field was empty, save one stalwart soul (a.k.a. kook) seeking to find that elusive first thrill of powered RC flight. The little Cox TD .020 balked at coming to life so early, but after lots of cranking, filled the majesty of a quiet fall morning with the shrill shriek of it's 22,000 rpms! Taking several deliberate steps, I launched the little plane skyward, galloping ghost rudder flapping wildly. It became immediately apparent that full right trim would be required to maintain a straight heading, it lacked rudder authority, and the plane was slightly tail-heavy. It climbed resolutely into the dense autumn air, doing lazy clockwise circles with only an occasional correction from me, just to assure myself that the 27 mhz Mattel transmitter was still communicating. After what seemed like 5 minutes, the engine quit and it was time to glide the plane back "safely;" this is where the lack of rudder throw came back to bite me. Attempting to line it up down the runway, I simply misjudged and landed it a bit too close to myself, unable to give it the amount of rudder correction required.

It came to an abrupt stop against the "safety" fence, breaking the stab and capping the day's number of flights at ONE. While I am not a raving fan of all the field fencing, I was the **Pilot In Command**. The airplane's safety is my responsibility. If the fence hadn't been there, my plane wouldn't be broken. On the other hand, if I hadn't hit the fence, it wouldn't be broken either. The Good news is, it's VERY easily repaired and Dick's Dream will fly again at my **Old School RC Jamboree!**



Events for 2018

3-Sep	Labor Day
8-Sep	Old School RC Jamboree
Sept 12-16	Reno Air Races
Sept 21-23	Jets AMOS
Sept 22-23	Meet n' Meat
Sept 27-29	Heli Scale Masters
Oct 5-7	WDA Float Fly
Oct 13-14	Warbird Race Championship
1-Jan	Chilly n' Chili



Helicopter Scale Masters 2018
September 27-29, 2018

www.helicopter-scale-masters.com

Do you remember removing T-pins and tape first thing in the morning, hoping the glue was set? Do you miss the smell of methanol and castor? Do you recall the simple joys of RC flight?



Come, relive the early years of RC at the 4th annual OLD SCHOOL RC JAMBOREE!

This is a non-competitive event dedicated to BUILT-UP, GLOW-POWERED, RC AIRCRAFT; *the older, the better!* **NO ARF's, electrics or gas allowed.**
ONE DAY ONLY, Woodland/Davis Aeromodelers, Saturday Sept. 8, 2018
 CD Richard Geertson geertson@sbcglobal.net \$10 Landing Fee
Award for: BEST Old School RC MODEL



UNIVERSITY AIRPORT (KEDU) 16th Annual OPEN HOUSE

SATURDAY OCTOBER 20th 2018~ 10 AM to 2PM



Where: West Campus, off Hopkins Road, south of Hutchison Drive
What: 400 to 500 people. GREAT FAMILY FUN
Lots of aircraft, Unique Cars, bikes, helicopters
Purpose: Let the Davis community know the airport exists.
FOOD & soft DRINK AVAILABLE



Free Sign-ups for a **Drawing** for a **FREE INTRODUCTORY FLYING LESSON**

Contact: Bill @ 530-219-0664



DISTRICT

Fun Fly



Fri-Sun October 26,27,28th 2018

Willie McCool Memorial Air Park

4400 Horse Dr. North Las Vegas, NV.

8am-4pm

SAVE!

Pre-register at:

www.rcflightdeck.com/event/8117

before October 1st

and get all 3 days for only \$30

**Landing Fee is \$40
after October 1st.**

**Special Discount Hotel Rates Available
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Santa Fe Station Hotel and Casino

Call: (866)767-7771 and say

"I'm with AMA Las Vegas 2018"

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santafestation.sclv.com



WELCOME
TO *Fabulous*
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Online registration



**Google Maps
Santa Fe Station**



**Google Maps
Willie McCool Air park**

All Proceeds go to:



Food will be available for purchase

AMA Sanction #18/1403



Hello FORREST,

You and your fellow club members are cordially invited to attend the 33rd Annual London Bridge Seaplane Classic Fun-Fly to be held November 9,10, and 11 at Windsor Beach 4 in the Lake Havasu State Park.

This annual event is presented by the Desert Hawks RC Club and is considered by many to be the premier seaplane event of the year and this year is shaping up to be the best yet.

For your convenience, we have included a link to our website with more information about this event <http://deserthawksrc.org/2018-lbsc/>

Additionally, the following link is a direct link to our Event Brochure which is in PDF format. Use this link to view, save, and print the brochure which can then be posted on your bulletin board and included in your newsletter. http://deserthawksrc.org/wp-content/uploads/2018-LBSC_9-1.pdf

Please feel free to forward this email to anyone who may be interested in this event. We appreciate your help in spreading the word and hope to see you at the event.

Thank you,

Vic Goodman

LBSC Event Committee Member

WDA Officers and Board

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cbarton328@aol.com
Vice Pres: Doug Vice (916) 949-8323
dqvice@outlook.com
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SNACK SHACK

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Flight instructors:

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 ⇒ Carlos Reyes (650) 243-8894
carsi@hotmail.com

Jet Turbine Instructors

⇒ OPEN

Helicopter Instructor (Only):

⇒ OPEN



Next Club Meeting: Sept. 10th at 7pm
 Woodland Public Library "Leake" Rm., 250 1st St, Woodland, CA



WOODLAND/DAVIS AEROMODELERS
 C/O RICHARD GEERTSON
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 DIXON, CA 95620