

# WOODLAND/DAVIS AEROMODELERS



## Dec Newsletter 2022

### Prez Sez

This one's going to be short and sweet. It's been another great year of flying at WDA. I'm thankful and appreciative to have the membership that we have, and the varied modeling interests that are able to take flight within our club's field. It has been great to serve as your President, and I have thrown my hat in the ring to continue to do so if you will have it. I look forward to seeing a good turnout at the final meeting of the year. Our meetings at Round Table have shown a resurgence of interest, and I think the in person modeling discussion has something to do with that, but maybe its the hot slice of pizza that does it. Either way, we try to get through the business reasonably quickly and spend time talking and showing ff what people are working on. Be it a swap meet find, some cool old trophies, a newly assembled ARF it's all a part of the fabric of what makes our club interesting and fun.

So with that, I hope to see you at the next club meeting at Round Table. Its well suited to show and tell in their back room. If i don't see you then, I with all of the best during the holiday season, and look forward to seeing you at the upcoming Chili and Chilly fly in on January 1. Always a good time.

Here's to 2022, and Cheers to great modeling in 2023.  
Best, Jeff Lovitt

Prez Sez

Jeff Lovitt

Board Meeting Minutes

Mike O'Kane

General Meeting Minutes

Mike O'Kane

Modeler's Corner

Rich Geertson

**Merry Christmas and a Happy New Year!**

**The WDA General meeting will be  
Monday Dec. 12th @ 7pm at the Round  
Table Pizza Party room  
421 Pioneer Ave, Woodland.  
Check the website for any changes.**

[wdarc.org](http://wdarc.org)

**Board Members Meeting**  
**November 14, 2022**  
**Board meeting**

Board Members present: Jeff Lovitt, Forrest Barton, Mike O'Kane, Chris Dellinger, Doug Barton, Keith Young and Bill McGaughey. Meeting was conducted prior to the General Membership meeting on November 14th at 6pm  
Meeting called to order at 6:15pm, meeting place is the Round Table Pizza on Pioneer Ave.

Discussion

2022 Membership is at 96

Water pump the Department of Water Resources (DWR) has issued a Violation report for the Club using an existing levee flood control pipe, this allowed WDA to draw tail water from the slough stream. The violation among other things states the use of the existing flood control pipe was not authorized for the Club to use on a Federal Levee and we are required to cease and desist by November 10<sup>th</sup>.

All pipe, pumps and all other material associated with the complaint was removed on Tuesday the 9<sup>th</sup>, a picture record of the before and after was made and the landlord was provided copies as well as the Central Valley Flood Protection Board

Water options with an adjacent land owner is being considered, more to come on this.

Correction to the Violation mentioned above. The violation was not issued by the DWR, the Central Valley Flood Protection Board (CVFPB)

Jeff has informed us the issue is closed, the pictures provided to CVFPB showing the removal of the pipe and other items mentioned in the letter are acceptable. Item Closed.

John Eaton has resigned as the Club Treasurer for personal reasons effective 10-8-2022. Chris Dellinger has stepped up to act as interim Treasurer.

Motion was made to accept Chris as the interim Treasurer, 2<sup>nd</sup> by Mike, discussion completed. Motion passed by unanimous vote.

Bill McGaughey brought up a plan to move the additional I beams onto the conex roof to span the distance between to big conex install trusses and cover the roof with salvaged metal siding. Discussion to be continued.

Tileston House is being emptied and prepared for sale (as is). When emptied Forrest will contact Realtor and begin the sales process. This is the last item remaining in Eute's estate.

Work Party on Saturday October 29<sup>th</sup> to winterize the Club, remove and store the padded chairs and remove the shade canopies, put up the cafeteria tables. Completed, item closed.

Advisory Circular 91-57C has been issued by the FAA as Guidance which affects recreational and commercial users. The AMA was the first to apply for a community-based Organization (CBO) recognition with the FAA and was recognized on November 15, 2022.

FAA requirements. A person needs to have these three documents available when they begin to read and understand the Exception which allows modelers to operate their models. Title 49 of United States Code (U.S.C.) subsection 44809: Exception for Limited Recreational Operations of Unmanned Aircraft. Advisory Circular 91-57C, Exception for Limited Recreational Operations of Unmanned Aircraft. Advisory Circular 89-3, FAA-Recognized Identification Areas (FRIA).

Kerry (WEB Master) has supplied Gonzalo Martinez with our WEB page information to assist with improving our WEB site.

Nominations are open and the following people have offered to fill these positions.

- President Jeff Lovitt
- Vice-President Forrest Barton
- Treasurer Chris Dellinger
- Secretary Mike O'Kane

Should Chris be elected as treasurer his Board position will be vacated and will need to be filled.

Doug Barton's board position will end this year, he has expressed interest in continuing as a Board member. Anyone interested in any of the Club positions is encouraged to contact me and I will include your name or someone you nominate. Elections will be finalized at the December General meeting

Next Board Meeting is set for 6:00pm December 12th at the Round Table Pizza on Pioneer Ave.

General membership meeting is at 7PM December 12th at the Round Table Pizza party room on Pioneer Avenue.

Meeting adjourned @ 6:58pm

**General Members Meeting**  
**October 8, 2022**

Board Members present: Jeff Lovitt, Forrest Barton, Mike O’Kane, Chris Dellinger, Bill McGaughey, Keith Young and Doug Barton

Meeting was conducted after the Board meeting on November 12 at 7pm

Meeting called to order at 7:00pm, meeting place is the Round Table Pizza on Pioneer Ave.

Discussion

New members present Kirk Nelson

2022 Membership is at 96

Officer reports

President nominations for the upcoming Board and Officer positions will open at the November meeting

Treasurer No report available.

Secretary The long wait for FAA advisory circular for guidance relative to the exception for FAA-Recognized Identification Areas (FRIAs) AC95-57C has ended. The AMA has a blog posted, the AMA will start filing applications on AMA Clubs behalf once the FAA opens the process.

Show AMA and Club membership card while flying, display in a reasonable and obvious position on your body above the waist, i.e. hat, shirt.

Events Sunday January 1<sup>st</sup> Chili-n-Chilly Open to all AMA members, good eats.

Open House date TBD, April time line, swap meet, Jet demos, trainers and Gliders. Plan is to fall back to the venue theme in previous years at the last field.

New business Water pump the Central Valley Flood Protection Agency has issued a Violation report for the Club using an existing Federal levee flood control pipe, this allowed WDA to draw tail water from the slough stream. The violation among other things states the use of the existing flood control pipe was not authorized for the Club to use on a Federal Levee and we are required to cease and desist by November 10<sup>th</sup>.

All pipe, pumps and all other material associated with the complaint was removed on Tuesday the 9<sup>th</sup>, a picture record of the before and after was made and the landlord was provided copies as well as the DWR. This item is closed Jeff has talked with the author of the Violation and has accepted our action

Water options with an adjacent land owner is being considered, more to come on this.

Comments were made to upgrade the Porta-a-potty, suggestion came from an event leader. Replacement cost is approximately \$800.00, Jeff will respond to the person that made the suggestion.

Jeff will reach out to Mike Ratu and ask if he is still interested with upgrading one of the Porta-Potties. Item open

Old Business Signage for pet leash requirements is being looked into. Item closed

Donated tractors transportation cost. Amos Metz Rentals has an 18’ tilt trailer (no wench) for \$100.00/day.

Trailer was rented on October 21<sup>st</sup>, both tractors are at the Field, cost was \$126.00. item closed

Bill McGaughey brought up a plan to move the additional I beams onto the conex roof to span the distance between to big conex install trusses and cover the roof with salvaged metal siding. Discussion to be continued. Item open

Tileston House is being emptied and prepared for sale (as is). When emptied Forrest will contact Realtor and begin the sales process. Forrest Barton is co-executor of this estate and has taken charge from John Eaton. Item open

Work Party on Saturday October 29<sup>th</sup> to winterize the Club, remove and store the padded chairs and remove the shade canopies, put up the cafeteria tables. Item closed

Show and Tell. Forrest showed a fiberglass Curtiss Robin model he picked up at the Freemont Club auction for an excellent price.

Jeff Lovitt shared some memorabilia trophies from his Grandfather circa 1930’s and 40’s for Free Flight Gas

Next Board Meeting is set for 6:00pm November 14 at the Round Table Pizza Hut on Pioneer Ave.

General membership meeting is at 7PM November 14<sup>th</sup> at the Round Table Pizza party room on Pioneer Avenue.

Meeting adjourned @ 7:40p



The Grumman (Geertson) IRON WORKS continues to forge ahead on the F4F-3 WILDCAT project. I was asked recently if converting the retracts from Air to Electric was the most challenging part of the project to date...?

While coming up with a workable solution was indeed a



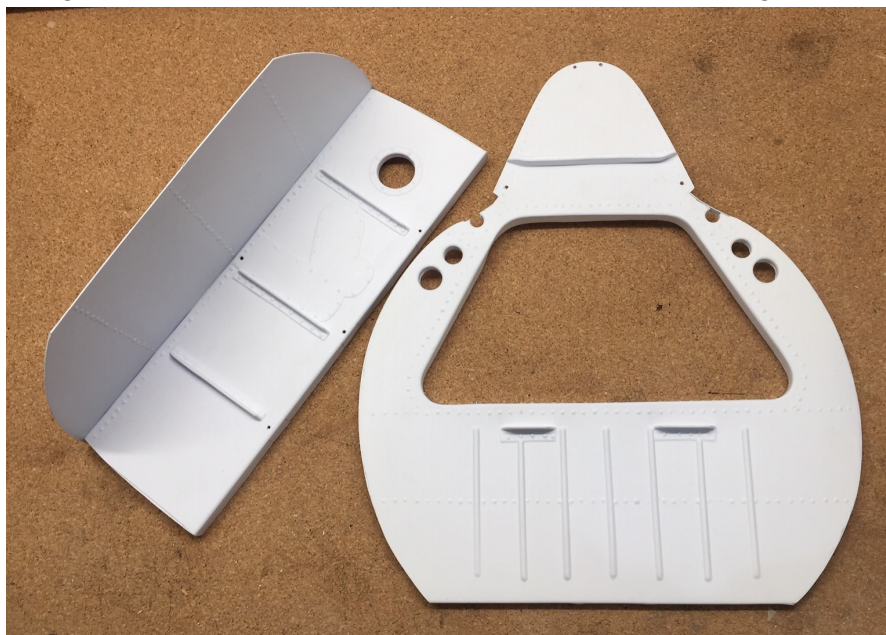
# Modelers Corner

challenge, I would have to classify my current quandary as THE MOST difficult part, to date. This involves two sub-assemblies: The servo operated canopy and the scale cockpit.

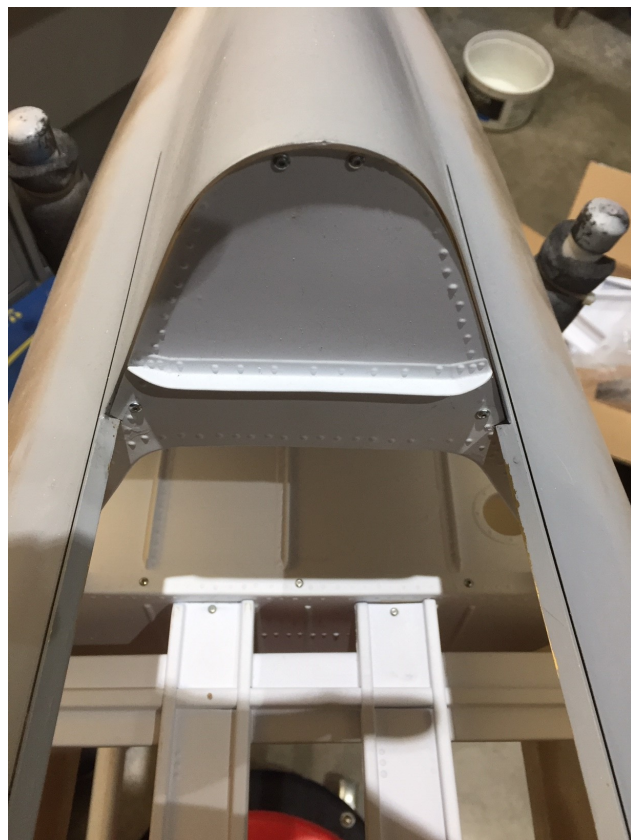
I acquired a Dynamic Balsa scale cockpit kit for the Jerry Bates Wildcat. These aren't cheap, BUT are worth EVERY PENNY! While the kit does require a lot of cutting, trimming, fitting, painting and detailing, it is exceedingly complete and well thought-out.

The issue now is HOW to install the cockpit kit while still allowing access to the Actuonix linear servo which operates the sliding canopy? As I have progressed through the assembly of the cockpit parts, I have gone to great lengths to make them removable. However, as I get deeper into the cockpit assembly, it is becoming increasingly apparent that removing or even MOVING the cockpit out of the way for access to the canopy mechanism isn't going to be a practical option. Now, faced with two scenarios: Either the servo-operated canopy mechanism is Inaccessible (and never requires service) OR, I cut another large hatch in the belly of the aircraft to allow access to canopy mechanism. But it gets worse... EVEN IF I cut such an additional hatch, access to the linear servo is mostly impeded by the rear "cargo" portion of the Wildcat cockpit kit. So..... Option 1 is looking increasingly likely, and being a student of "Murphy's Law," I have wonder WHEN (not IF) the canopy mechanism fails, HOW I will resolve it? A quandary to be sure...

Installation of the cockpit parts is another puzzle, per se. Final painting and detailing around the cockpit area is essential PRIOR to cockpit installation. However, cockpit installation must occur in conjunction with the sliding canopy AND RC equipment. In some ways it feels like a game of Catch-22 as I am still trying to figure out the exact order of things. In the meantime, here are a few pix of cockpit progress -



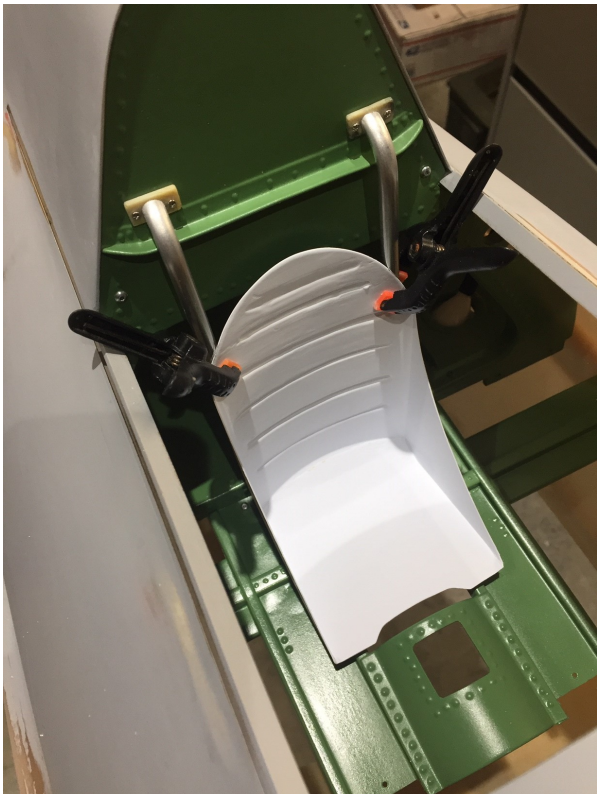
Cockpit rear wall and cargo pieces shown individually, and installed (right). Also, the cockpit floor rails. The ABS parts all require cutting and trimming to fit, but are nicely detailed and very light. Instructions outline permanent installation. I like to have things removable, even if its just during the finish process, so have developed my own install procedures.





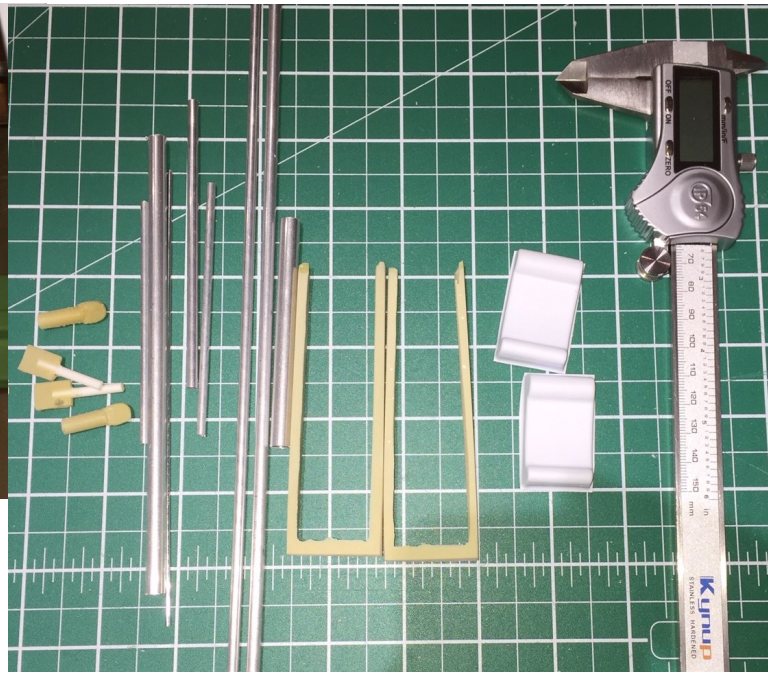


Just some of the cockpit parts, trimmed and painted. Most parts are ABS, but some are cast resin. The resin parts can be hollowed out to reduce weight. Pilot seat and mounting rails (left below). Some added “gingerbread” below... pilot oxygen and regulator, cargo hold and fuel tank inlet. These details really bring a subject “to life!”

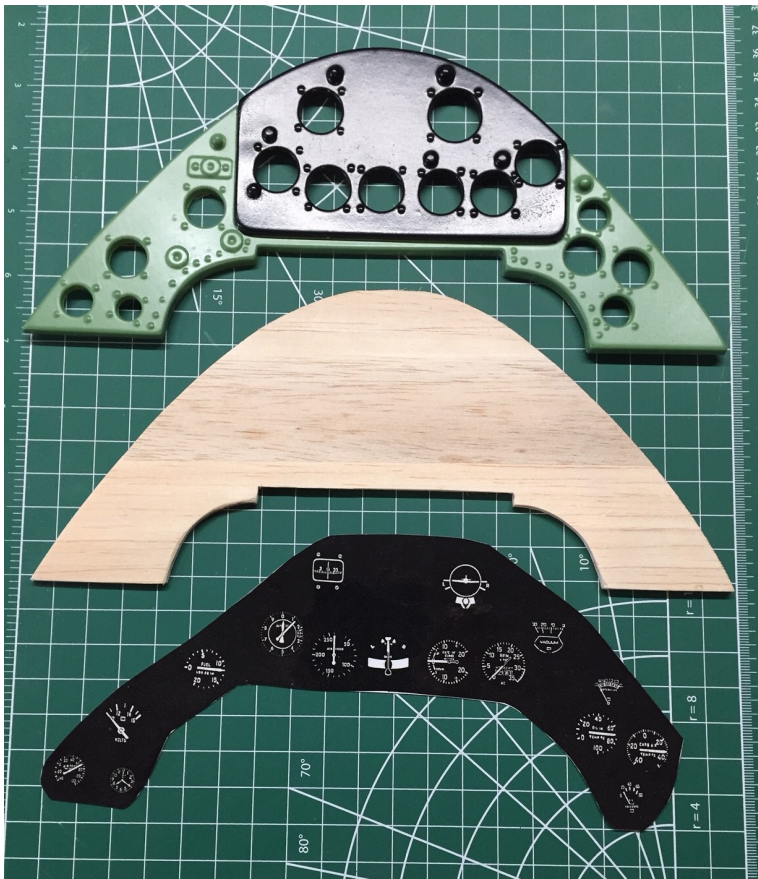




Typical of the cockpit sub-assemblies... parts are individually bagged with an instruction sheet in each bag. The kit to the right builds into the rudder pedals (below). The parts now need to be individually painted before final assembly.



The cockpit dash is shown below. Like the other ABS parts, the dash was cut from a larger vacuum formed plastic sheets. The instrument holes were cut out and the dash was then painted. The kit comes with an instrument display which is cut-out & sandwiched between the dash and a balsa backing. Additional painting and detailing will be added



to the dash before it is finished. Paint being used is Rustoleum Satin "Leafy Green." Below are the cockpit side panels cut to shape to fit around the rudder pedal mounting blocks. These will be adhered to the fuselage (in)sides with contact cement. There is LOTS more cockpit detail remain-



ing with the throttle quadrant, radio, LG crank and other "ancient instruments" featured in the Wildcat. Some "weathering" will be required to reduce the 'plastic toy' look, but that will have to wait until next month.

**HAPPY HOLIDAYS!!**

Rich Geertson





# WDA Officers and Board

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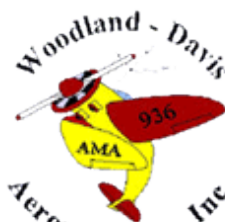
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# Flight Instruction

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## Jet Turbine Instructors

⇒ OPEN

## Multi-rotor Drones

⇒ Keith Young (530) 848-3666

## Helicopter Instructor (Only):

⇒ OPEN



**Next Club Meeting: Monday Dec. 12th, 7pm Round Table Pizza, Woodland**



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