



Newsletter

Knoxville TN Sept. 2018 AMA #594

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2018 Elected Officers

Pres.....Ed Dumas.....ed@eddumas.com

Vpres.....Paul Funk.....paulfunk24@gmail.com

Secretary.....Rick Thompso.....jrt1953@gmail.com

Treasurer (acting)..Mike Catlin.....catlimi2000@yahoo.com

Executive Board

Randy Philipps.....randy@accesssolutionsinc.com

John Baselone.....jrbfarm@yahoo.com

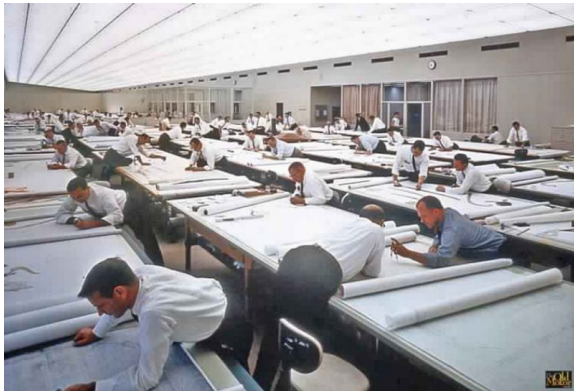
Rick Thompson.....jrt1953@gamil.com

Safety Officer

Denny Evans.....evans9633@bellsouth.net

Allow me to introduce myself. Since I volunteered to publish the newsletter temporarily I figured you need to know a little of my background.

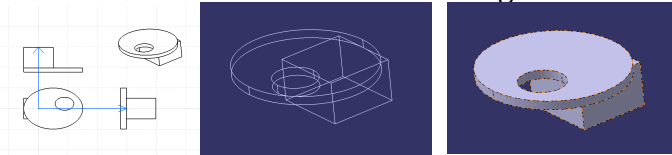
I worked for 35 years in Aerospace working on the F-5, RF-5, F-18A, Tacit Blue, B-2, YF-23, F-35, GlobalHawk, X-47A and several classified programs. Once I began working for the B-2 program my design skills were used to loft and design Low Observable models. Nothing small. We learned early on that the models needed to be full size.



Starting out, my work method was 'old school' bending over a drafting board and using a slide rule.



But it soon switched to computer graphics. In the beginning was CADAM, then CADD, then NCAL and NCAD, Unigraphics and finally Catia. Pen and ink giving way to 2D, 2D giving way to 3D wireframe and on to 3D solid modeling.



Model construction started out by placing a fiberglass skin over a metal framework. The fiberglass skin being 'pulled' from a mold made from templates and plaster. The metal framework was typical aircraft style with a riveted flange on a sheet aluminum web.

Next method was bonding a fiberglass skin (again made from a plaster mold) to aluminum honeycomb the edges of which provided an adequate bonding area. This soon evolved into carbon fiber skin layed up in a machined tool made of fiberboard bonded to NC machined frames consisting of layers of carbon fiber bonded to a foam inner core. Strong, light and easily constructed.

So you shouldn't be surprised when I show up at the field with a model made from 'alternative' materials as I am not 'conventional'. Nor should you be surprised if I write articles about construction methods, finishing methods and articles about aerodynamic design and history of aircraft development.

Of course you can keep me from boring all of you by submitting articles of your own. I promise I will give first priority to member submitted articles over my own. And, of course the club newsletter is a communication channel to provide members with a source of club meeting minutes and other club information.

KCRC Meeting Minutes 8/14/2018

OLD BUSINESS

The July 2018 KCRC meeting was held at the field. President Ed Dumas called the meeting to order at 7:00PM. There were 20 in attendance.

Ed recognized prospective new member Scott Frazier.

The July regular meeting minutes were approved by unanimous voice vote.

Michael Catlin gave the Treasurer's report which was accepted by unanimous voice vote.

Field Officer John Basalone requested smokers courteously remove their cigarette butts from the flight-line bucket receptacles provided for that purpose. John provided a sifting basket to easily remove them while allowing the sand to be reused.

Phil Spelt reminded the Club that the SPA pattern contest will be August 25th and 26th. He is requesting volunteer help, especially on Saturday morning during registration. This is the last contest for which Phil will act as CD. Jimmy Russell will shoulder CD duties in the future.

Phil Spelt reminded the club that the Marine's Mud Run will be held Saturday, September 15th. Phil will be contacting Nolan Shabel, his contact with the Marines to discuss extending the trench along the driveway. The Marines dug the original trench for us last year.

Michael Catlin reported that John Preston, Jr. sent a donation to the club for the generous help of Ed Dumas in the recent search for his missing father. Mr. John Preston, Sr., who reportedly had dementia was missing near Ed's home neighborhood. When time was critical, Ed used his drone to help search an area that would have been harder and taken longer to search on foot. Unfortunately, Mr. Preston was not found alive.

John Basalone volunteered to contact Alan Hunt and advise him of the correct Mud Run date. It's possible he may have been inadvertently misadvised.

NEW BUSINESS

Ed announced that Knox County Department of Parks and Recreation Head Doug Bataille has retired. Doug has been a long time advocate for KCRC and the community service the Club performs. We are very appreciative for his long time support. Club officers will schedule a meeting with the new director to familiarize him/her with KCRC, once that person is appointed.

On August 6th, the gate was discovered unlocked. All members are reminded to lock the gate upon leaving if you are the last one to leave. Ed suggested that every member make a record of the gate combination in their cell phone as it required to lock the gate. It is also a good idea to put the field's street address in your cell phone in case of emergency. The street address is: 3204 Williams Bend Rd.

The Executive Committee met on August 6th. EDF jets were one of the discussion topics. The Committee voted to request that all members yield to EDF jets and allow them to conclude their flight without going onto the runway or flying another plane until the EDF has landed. Most EDF's have a very short flight time and it is critical that they land immediately when that time expires, otherwise any delay can cause a crash. Furthermore, the inconvenience to other members will be minimal, again because of the short flight times.

Ed announced that Dena with the Knox County Department of Parks and Recreation contacted him to advise that Webb School will be hosting a Cross-Country Run in the Park area on Wednesday, August 29th from 4:00PM until 8:00PM. Depending on exactly where the activity takes place, it may be advisable to forgo flying during that period. Phil Spelt will contact Dena to get more details.

Ed announced that Jim Scarbrough will no longer be able to continue doing the newsletter. Jim has done this task, and done a wonderful job of it, for countless years. The Club wants to express their sincere thanks for all of Jim's service throughout the years. There was a motion made and passed by unanimous vote to have a committee comprised of Gene Waters and Phil Spelt find an appropriate token of our appreciation for Jim. Michael Catlin has graciously agreed to take on the News Letter editing for the next few months.

Ed announced that there is a possible location for an indoor flying meet at the K-9 center off Lovell Rd. There seemed to be Club interest in pursuing this for a possible meet sometime during the winter months. Ed will follow up and ask about the costs.

Ed brought up the possibility of having only 4 regular meetings per year plus a January banquet. A straw pole was taken to determine the Club's interest in the idea. Of those present, 2 voted Nay and the remainder voted Yea.

Gene Waters offered two planes to the club free of charge from Bill Pannel's Estate. Who got the planes was left up to Gene. There was a donation of plane parts from Butch Aline free for the taking for members of the Club.

Model of the Month – The only entry was Phil Spelt for his Curare. It has not yet been flown. Phil plans to use it in future SPA contests. Phil donated MOM proceeds back to the Club.

There were no admitted Crash of the Month entries. (Come on people, you're just not trying!)

Don't forget that KCRC has a Facebook group. For Facebook members just search for KCRC in the search box. Don't forget to select the 'Join' box. The Facebook group has a daily weather prediction for the next 3 days along with an aviation related picture. There are group discussions as well as aviation related posts. There are picture albums as well as a files section where articles from many different model magazines are stored. We also have aviation related video clips. And, other local clubs post upcoming events.

