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December 2021 Newsletter

President – Rick Thompson (JRT1953@gmail.com)

Vice-President – Warren Oliver (Warren.Oliver@kla.com)

Secretary – Richard Love (rltnlove@1791.com)

Treasurer – Joel Hebert (HebertJJ@gmail.com)

Safety Officer – Phil Cope (PhilipCope@BellSouth.net)

Exec Committee – Matt Conser (FloridaCracker@Yahoo.com)

Exec Committee – Kay Kasemir (Kay.Kasemir@gmail.com)

Exec Committee – Jimmy Russell (JamesLelandRussell@gmail.com)

President's Corner

By Rick Thompson

Merry Christmas and Happy New Year to everyone at KCRC. I'm sure nobody's been naughty and everyone's been nice, so Santa will fulfill your entire RC wish list. Ho Ho Ho!

The December KCRC meeting was of monumental importance for the future of the club. Not only were 2022 officers and EC members elected, but it was the culmination of the one-month voting period for the proposed By-Law changes. I am elated to report that the changes passed with overwhelming support and are now in effect. These changes afford the membership much greater control over the club's decisions, limit the power of the officers, and set a whole new standard for transparency of both decisions and finances of the club. We owe Jeff Prosis, Phil Spelt, and Karl Gerth a debt of gratitude for all the hard work and careful consideration they put into writing these changes. These guys may have just saved the club, so give them your thanks when you see them at the field.

As is customary, January's banquet will be in lieu of a regular meeting and will be held at the Golden Oak in Oak Ridge starting at 6:30 on January 11th. Hope everyone can make it and bring their spouse/family.

I think we're ending the year on a very positive note. We've enjoyed the summer and fall with

great participation and had a lot of fun in an environment where everyone seems to be courteous and getting along well. We've also had quite a few new members join. We look forward to an equally fun and successful 2022.

December Meeting

Joel Hebert delivered the treasurer's report, which indicated that the club ended November with a bank balance of \$12,249. He also presented the proposed 2022 budget. The budget was approved without amendment by a unanimous voice vote of the members in attendance.

The following dues schedule was approved for 2022:

- Individual - \$84
- Family - \$96
- Students - \$42
- Quadcopters - \$42

Payments for 2022 annual dues can be mailed to KCRC c/o Joel Hebert at 3203 Solway Road, Knoxville, 37931.

Rick Thompson brought to the members' attention that some members have received fraudulent emails purportedly from Rick or Joel Hebert requesting donations. These emails are fake and members should delete them.

Ballots were provided at the beginning of the meeting to the membership in attendance. The ballots included the 2022 officer elections as well as the approval of the revised KCRC bylaws. The votes, including bylaw votes from the November meeting and email ballots, were tabulated by Richard Love and Joel Hebert and the results presented to the membership in attendance. The revised KCRC bylaws passed with only one “nay” vote. The new bylaws have been posted on KCRC’s Web site and can be viewed at <http://kcrctn.com/documents/bylaws.pdf>.

The results of the 2022 officer elections are summarized below. At the request of the Rick Thompson, Phil Cope as agreed to serve as the Safety Officer again for 2022.

- President – Rick Thompson
- Vice-President – Warren Oliver
- Secretary – Richard Love
- Treasurer – Joel Hebert
- Executive Committee – Brandon Drummer
- Executive Committee – Jimmy Russell

While a “seasonal ornament” (in the distinct shape of a Cessna) was recently added to one of the trees at the flying field, there were no nominations for a crash of the month. However, it was noted that while attempting to recover the “seasonal ornament,” the saw became bound in tree limb and the recovery could not be completed. Since the limb is cut most of the way through, membership should avoid the area below the limb until it comes down.

Warren Oliver brought his completed 3D printed P-38 to share. This model was presented at the last meeting while still in unassembled kit form.

Warren noted that the airframe was printed with remarkable precision and assembled very easily with CA. However, the wiring was fairly challenging, as is typical for a P-38 with retracts and a total of nine servos. Each 1100 KV motor (selected from the designers recommended motor list to ensure that they would fit in the pods) has a dedicated 6-channel receiver to simplify the wiring and a dedicated electronic speed controller.

Warren is planning to run a 4S-5,000 mAH battery since that is what made the model balance

correctly. While the majority of the model did not require painting, an authentic color scheme was applied using colored electrical tape for the invasion stripes and red wing tips and general model paints for the canopy and other accent colors. Warren noted that the only specialized tool that he used for the assembly was a wood burning tool that could hold an Exacto knife blade for making cuts to the airframe material.

Did You Know?

The Boeing 747 is one of the most iconic airplanes in history. It is easily recognizable by the hump at the front of the plane. But have you ever wondered why the 747 has a hump?

Boeing designed the 747 at the request of Juan Trippe, chairman of Pan Am. He wanted a double-decker plane that would carry up to 400 passengers. Early in the design phase, Boeing engineers determined that a double-decker was impractical, so they increased the width of the fuselage to accommodate more passengers, giving rise to the modern jumbo jet.



Boeing engineers weren’t certain there would be demand for a jumbo passenger jet, so they hedged their bets by designing the 747 so that it could double as a cargo plane. The cargo version has a nose that hinges up and down to accommodate loading. Engineers added the second deck at the front of the plane to get the cockpit above the nose. They extended the hump to include space for a lounge or first-class cabin, and thus was born the iconic shape that we all recognize today.