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## February 2022 Newsletter

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### President's Corner

*By Rick Thompson*

The next club meeting will be at 7:00 p.m. on March 8<sup>th</sup> at Fellowship Church. We'll begin planning activities and events for the 2022 flying season, so be sure and come and contribute your ideas or forever hold your peace. Also, the March meeting is the deadline to pay your 2022 dues without penalty, so keep KCRC green – bring money!

The University of Tennessee Aeronautical Engineering Class, taught by Dr. Rob Bond, came out to the field on Sunday, February 6<sup>th</sup> to test-fly their latest creation. You may recall that KCRC has worked with this group in years past. Their build criteria this year allowed them to use LiPo batteries (I believe this is the first time – they previously used NiMH).



The aircraft was primarily built from carbon fiber composite and weighed slightly over 20 pounds. They had their own pilot this year (who was an

AMA member) who did an excellent job flying. The two flights were both very successful. Craig Dieter met with the group a second time on Saturday, February 12<sup>th</sup>. It is my understanding that they put the plane on a diet and removed a considerable amount of weight and that it flew even better. Here is a link to a short clip of it flying:

<https://drive.google.com/file/d/1Z1rpcSbtRX25qMnFbfKmMgaOLx9vuLhB/view?usp=sharing>

See y'all at the meeting.

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### February Meeting

There was no February meeting this year. The next meeting will be held at Fellowship Church on March 8<sup>th</sup>. Treasurer Joel Hebert reports that the bank-account balance at the end of January was a healthy \$13,781.

Once more, if you haven't paid your 2022 dues, bring them with you to the March meeting.

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### Did You Know?

The world's heaviest aircraft, the Antonov An-225, has a maximum takeoff weight of almost 600 tons, which is almost twice that of a Boeing 747. The main landing gear has 36 wheels, and the nose gear has four.



Only one An-225 has ever been completed. It first flew on December 21<sup>st</sup>, 1988, and was designed primarily to transport orbiters for the Soviet space program. In addition to being the heaviest aircraft ever built, it also has the largest wingspan of any aircraft currently in operation: 290 feet.

For more on the An-225, see <https://interestingengineering.com/the-amazing-antonov-an-225-the-worlds-largest-cargo-plane>.