

# ***EAA Chapter 1094***

## ***Meeting Notes***

November 12, 2022

Our regular Saturday meeting was held on November 12, 2022 at the Sulphur Springs Airport Terminal Building.

1. Chapter Secretary, Ben Scarborough began the meeting at 9:00 with approximately 16 members and guests.
2. Brian Irby announced that after many instructors, locations, and aircraft, he has soloed! Congratulations!! Maybe the rest of his training will go more smoothly.
3. Treasurer, Everett DeWolfe reported that we have \$6,545.92 in the account.
4. The group welcomed a visitor and possible new member. Curtis Brewer is from Rowlett and owns a couple of ultralights. He is looking for a mechanic or someone with fabric and Rotax experience to help him get airborne.
5. Officers were elected for 2022. They include:
  - a. President: **Brad Rose**
  - b. Vice-President: **Jeff Secules**
  - c. Secretary: **Ben Scarborough**
  - d. Treasurer: **Everett DeWolfe**
  - e. Eagles and Young Eagles Coordinator; **Brian Irby**
  - f. Newsletter Editor and Webmaster: **Ben Scarborough**
  - g. Technical Counselor: **Chuck Olmsted**
  - h. Safety Officer: **Mike McClendon**
6. The group discussed future aviation events: **December 10** will be our traditional Holiday Potluck lunch. Christmas is a busy season but we will not want to miss getting together for our last meeting of 2022. The lunch usually starts at 11:00. Volunteers will arrive early to set up tables and chairs.
7. Our program for this meeting was provided by Everett DeWolfe.



The topic was Celestial Navigation and Everett demonstrated the complicated process of position location using a sextant. The process seems simple enough, until you factor in the variations of the earth's position relative to the sun on different years, months and even days. He brought some sextants with him. One made of cardboard he bought online, one which was his personal instrument made of steel and fairly complicated, and one homemade device using a CD with case, some mirrors and lego pieces.

Everett discussed The Imperial Trans-Antarctic Expedition of 1914–1917 which was considered to be the last major expedition of the Heroic Age of Antarctic Exploration. Conceived by Sir Ernest Shackleton, the expedition was an attempt to make the first land crossing of the Antarctic continent. Instead of following the advice of those familiar with the area, Shackleton proceeded to attempt a landing at a bad time of year and was caught in the ice. The ship was crushed and sank but the crew eventually made it back to civilization. The ship's captain was an expert navigator and was able to use his sextant and associated charts and graphs to navigate over 800 miles of stormy seas in a lifeboat with a few crew members to get to a whaling island. They were able to return to Antarctica to rescue the remaining crew.

Everett's experience in using a sextant was with the Air Force in the KC-135. An aircraft sextant utilizes a periscope-type device to get reading from the sun, or moon, or stars, or whatever object is appropriate.

**Next Meeting: December 10 at KSLR at 11:00 AM. Christmas Potluck luncheon.**