



"To promote, encourage, and facilitate in a harmonious and inclusive manner all recreational aviation activities with an emphasis on education, safety and fellowship".

EAA Chapter 1514

Meeting Minutes

October 4, 2016, 6:00 PM

Lovezzola's Pizza, Pooler, GA

The October 2016 meeting was held at Lovezzola's Pizza in Pooler. There were 9 members and 11 guests in attendance.

The speaker was Swaid Rahn, who gave a presentation on his recent trip to the 2016 National Air Races in Reno, Nevada. Swaid raced a Cassutt named "Heat Stroke" in the Formula 1 Bronze Class (slowest aircraft) over a 3.1 mile course. He finished 21 of 23 aircraft and took home \$1,200 in prize money. Swaid had purchased the Cassutt from an estate sale and did a complete rebuild from the frame up. The Cassutt served as a video camera ship for an NBC special that will air in March 2017. Swaid said he went this year to participate, but will go back with the intent to win in his class. Also present for the meeting were Shirley Rahn, Royce Rahn, and Allen Jackson, who served as Heat Stroke's ground crew. They were awarded the Crew of the Year Award and brought home an impressive trophy. After the presentation, Swaid awarded door prizes to attendees - T-shirts, hats, flashlights, and decals.

A short business meeting was held after the presentation.

- **Guests in attendance:**

Ted Meyer
James Lum
Phil Riek
Sam Pilgrim
Steve Berg
Matthew Kessler Jr.

Bob Plested
Terri Huff
Shirley Rahn
Royce Rahn
Allen Jackson

- **Members in attendance:**

Gary Arms
Will White
Mary Martin
Alexander Jahn
Joe Buttner
Pratt Summers
Tom Huff
Swaid Rahn

- **Officers in attendance:**

Keith Gay

Upcoming Programs and Events

Gary Arms, Program Chairman

November 1: Emma Riek, an FAA certified Basic and Instrument Ground Instructor and new addition to Chapter 1514, will give "A Perspective on General Aviation." She will include a discussion about the Young Eagles program, of which she has volunteered to be Coordinator for our Chapter.

December 6: Annual Christmas Party at Carey Hilliard's on Hwy 21 in Garden City. We will again have the White Elephant/Dirty Santa gift exchange.

Design Group Minutes October 25, 2016

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EAA Chapter 1514 usually meets the first Tuesday of every month at 6:30 PM at Lovezzola's Pizza, (328 US Highway 80, Pooler. 912-748-6414) or at an offsite location as dictated by that month's program.

Details of this month's programming can be found online at www.eaa1514.org or at [Upcoming Programs](#) in this publication.

**The deadline for the December 6, 2016 newsletter is:
Close of Business, November 28, 2016.**

In attendance:

Joe Buttner
Doug McKissack
Taher Surti
Esteban Villa
Willard White

We had a general discussion about where we want to go from here. A number of options were considered and discarded. The consensus was that we want to continue with our current project – a one-thousand pound two place sheet-metal airplane powered by a VW based engine.

One powerful new tool that is recently available to us is Solidworks design software which is now available for download from the EAA national site. Downloading it is one challenge, learning to use it is another. It will however allow each of us to contribute and share drawings and models in the same format. Joe pointed out that there is also available a Google Chromecast dongle which will allow us to display our laptop screens on the large TV in the boardroom.

Taher kept us focused by asking "What is our goal?" After some discussion, we agreed that our goal remained the same: Design, Build, and then fly our creation. We understand that we'll have to incorporate for phases two and three.

We discussed tools, parts lists and budgets (time, \$, and weight). Esteban pointed out that this is an iterative process, and we won't be able to begin construction of parts until we're considerably further along with the design. One thing that will streamline the parts list production is a plan; Joe said the FAA has a parts list for Designees to use and it will be a practical beginning for a parts list of our own. (Joe has e-mailed us a link to that list.) Also, I'll bring in the RV-6 plans so we can look at the parts list and drawing organization.

We're considering meeting one Tuesday night (planning) and one Saturday morning (construction) per month, but for the time being we'll meet approximately every other Tuesday night. This is a huge project and we realize that we'll have to be well organized to accomplish it. We'll look at ways to allow access to the project at other times and ways to distribute parts and tools so we can do "homework" at a time convenient to ourselves.

Taher would like to catch up. We've been working on this project for a couple of years and Taher has been with us for a year or so. I'll print out some of the spreadsheets and drawings that are still current and bring them in.

It was suggested that we establish three binders; one for engineering calculations and spreadsheets, one for drawings and parts list, and a third "archive" binder which we already have.

We'll meet next on Tuesday the 8th of November.

Objectives:

Progress on the parts list
We'll all have downloaded Solidworks and know something about how to use it.
Organize current data to streamline the search for information.