

EAA Chapter 1175 -Nevada County  
Minutes of Chapter Meeting  
February 6, 2018



Convened at: Marlow's Roost  
13020 Madrone Forrest Dr.  
Grass Valley, CA

Called to Order: 7:00 pm, Terry Horlick, President

Minutes: January 2018 minutes were approved

Attendees: ~ 38 including guests

Video: Space X Missile animation of the Falcon 9 CRS-11 launch, on which a Tesla car was launched into space as the payload.

■ 2018 Chapter 1175 dues are due. Pay Jim Braddock at the meeting or send check for \$20 to Jim Braddock at 16578 Cooper Rd, Nevada City, CA 95959. Make checks payable to "EAA Chapter 1175".

■ Projects:

- Terry has the casting done for the reduction unit on his Gyroplane.
- Christy has the engine and prop installed on his Cessna 195.
- Frank has his plane up and running. The engine had 380 hours since new.
- Fokker Tri-plane. Plans are to modify the existing EAA storage/hangar facility with a large roll up door, and store the Fokker Tri-plane in the storage facility. The plane is currently stored in Rusty's hangar, which he is selling or has sold?

■ Guest Presentation:

Soaring Society of America, Sierra Lenticular Wave Project, Tehachapi Glider School  
Dr. Carl E. Burson, Jr., Colfax, CA

Dr. Burson has 298 hours soaring time. Started flying in PT-19's in the 1940's.

Dr. Burson explained the Sierra Wave goes up the Owens Valley, on the E. side of the Sierra Mts.

Dr. Burson showed numerous photos including a Schweitzer 1-26B single place glider, a glider on tow, lenticular clouds, rotor clouds and cap clouds, all that make up the wave upon which gliders can soar to great heights. For example, Paul Bickel set a record of 46,320 feet in a glider in the Owens Valley. The current world altitude glider record stands at 57,192 feet.

Dr Burson also mentioned that a P-38 actually soared to 18,000 feet.

Dr. Burson also discussed the NASA Para-Glider Trainer Project and the Flex Wing Project, both of which were planned to be used with the space program reentry project, but were never adopted as the projects did not find favor with the astronauts.

■ Safety Presentation, Bruce Marlow:

Bruce's Comanche Project: Replaced all valve cover gasket due to the fact the #6 cover was leaking oil which, was dripping onto the intake manifold, which was sucking in the oil. Exhaust muffler has a 500-hour life. Bruce discussed exhaust care and muffler fitting resulting in a modification by Piper.

- 14 Lessons Every Pilot must Learn. Bruce discussed each of the 14 safety points about which every pilot must be aware.

Great presentations Bruce, very interesting and informative, thanks!

■ Meeting Adjourned ~8:35 pm

Respectfully Submitted:

Paul Bevelhymmer,  
Secretary