

**EXPERIMENTAL AIRCRAFT ASSOCIATION
CHAPTER 1098
SHAWNEE, OKLAHOMA**

The Shawnee, OK, EAA Chapter 1098 is an official chapter of the EAA, Wittman Airfield, Oshkosh, Wisconsin 54903-3089. Phone (414) 426-4800. Chapter 1098 was organized to promote aviation in the community, provide camaraderie, sharing of aeronautical knowledge and skills among those with interest in grassroots aviation and who share the objectives of the EAA. Chapter dues are \$20.00 per year, payable on January 1. Normally our meetings are held on the **Forth Saturday of the month at 2:30 PM at Twin Lakes Airport (2OK2) at a airport location announced each month.** Time, date and place is subject to change. Please check your newsletter for current meeting information.

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Chapter Website: <https://chapters.eaa.org/eaal098>

Facebook: [EAA Chapter 1098](#)

Newsletter information: EAA Chapter 1098 publishes the newsletter once a month. Its purpose is to inform.

Members are encouraged to submit aviation- and member-related information and suggestions to the newsletter editor.

ATTENTION: Chapter Meeting time and location change

Due to Corona virus concerns and other considerations the Chapter 1098 meeting time and place have changed. Our regular meetings will now take place on the 4th Saturday of the month at 2:30 PM. Our meeting location has changed to the Twin Lakes airport (2OK2) at a airport location to be announced each month in the newsletter and on the chapter website at:

<https://chapters.eaa.org/eaal098>

Meeting Notice:

May 22nd 2:30PM

Regular meeting at Gary and Karen Manning's hangar
Twin Lakes Airport, 13801 Chandelle, Newalla, OK, 74857

Quote of the month:

"Never fly in the same cockpit with someone braver than you."

- Richard Herman Jr., 'Firebreak'

Free From the FAA:

Plane Sense – General Aviation Information FAA-H-8083-19A

Plane Sense introduces aircraft owners and operators, or prospective aircraft owners and operators, to basic information about the requirements involved in acquiring, owning, operating, and maintaining a private aircraft.

Download Free Here: [Plane Sense - General Aviation Information](#)

Airfoil Design:

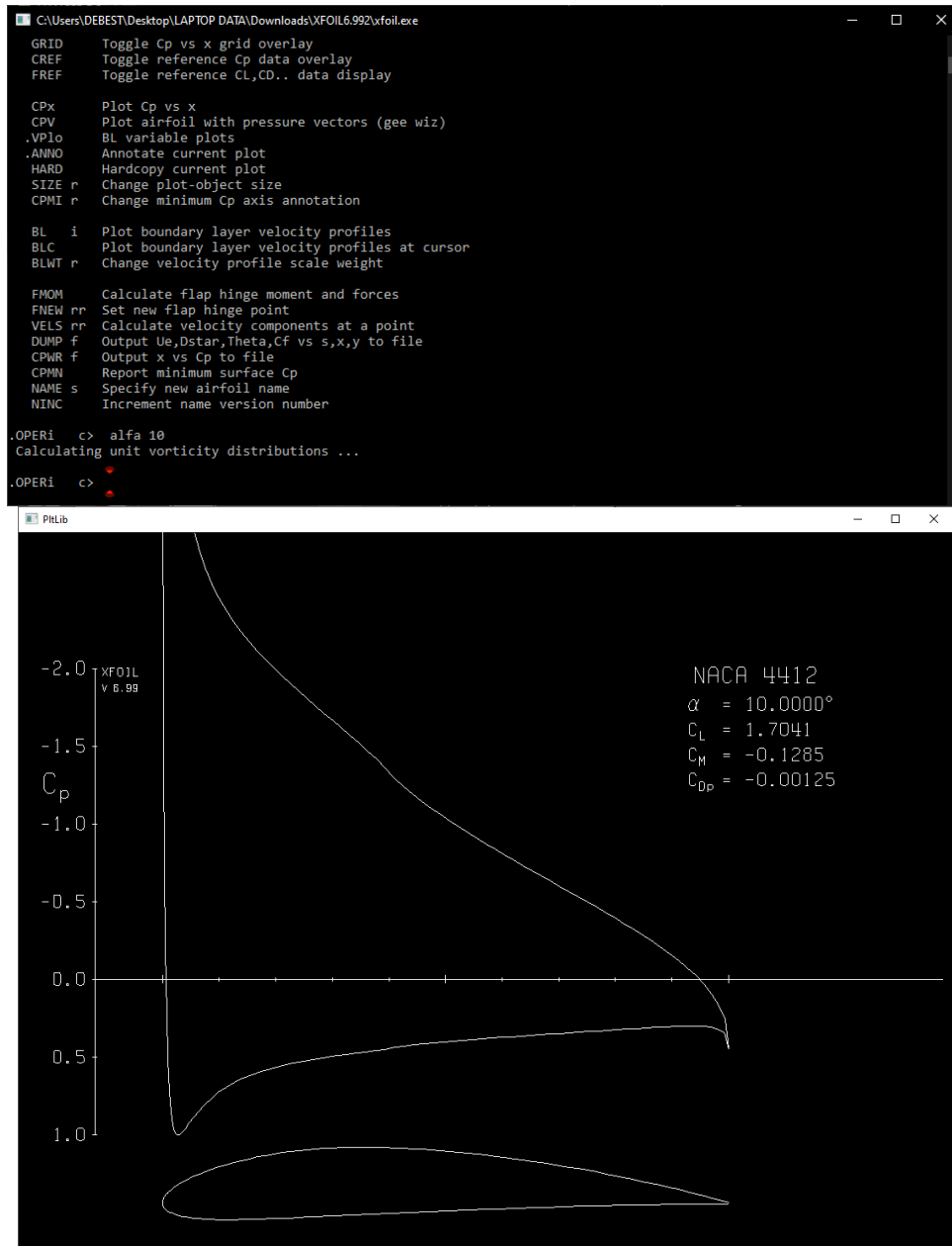
XFOIL

If you have an interest in designing your own aircraft there are many tools available. XFOIL is one of those tools that can help you to fully understand the impacts of changes to airfoil sections or allow you to perform early analysis of new airfoil sections and wings. The program is available for free under GNU General Public License at:

<https://web.mit.edu/drela/Public/web/xfoil/>

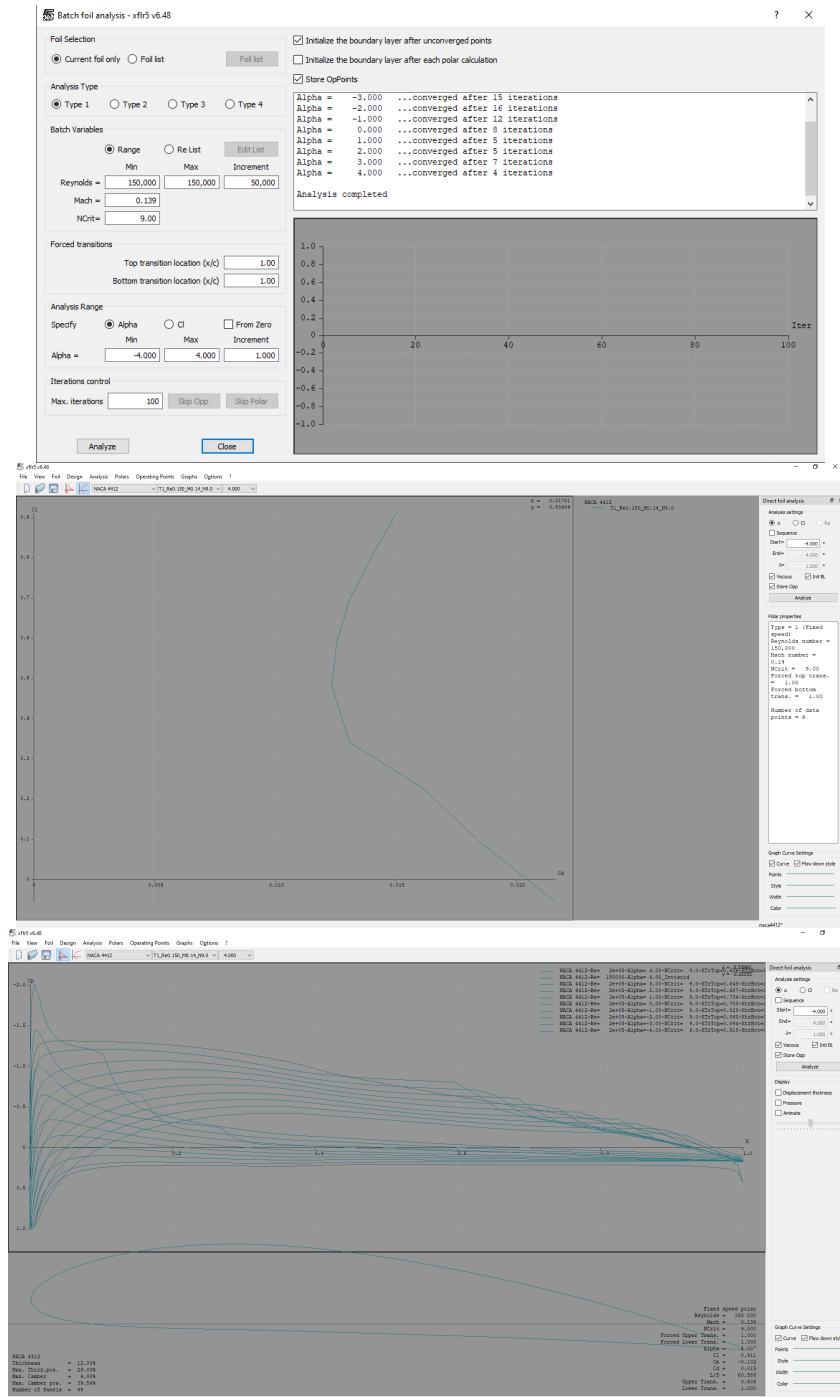
[XFOIL DOWNLOAD](#)

The program was authored by Mark Drela and has been in use for quite some time. This is a command line program and can take some study to get used to and to understand all of its capabilities.



XFLR5

Along the same lines as XFOIL but with some different capabilities is xflr5. XFLR5 is an analysis tool for airfoils, wings and planes operating at low Reynolds Numbers. It includes XFOil's Direct and Inverse analysis capabilities along with Wing design and analysis capabilities based on the Lifting Line Theory, Vortex Lattice Method, and 3D Panel Method. This is a powerful windows style application That also requires some reading. You can find the free download at <https://www.xflr5.tech/xflr5.htm>. Go to the downloads link to get the program from “SOURCEFORGE”



Website of the Month:

The Recreational Aviation Foundation preserves, improves, and creates airstrips for recreational access

[Recreational Aviation Foundation](#)

Twin Lakes Airport information:

[2OK2 TWIN LAKES on AIRNAV.com](#)

[TWIN LAKES AIRPORT ON FACEBOOK](#)



Photo By Dianne Chapman

VMC CLUB

Please review and be prepared to discuss at the meeting. Thanks John Myers!

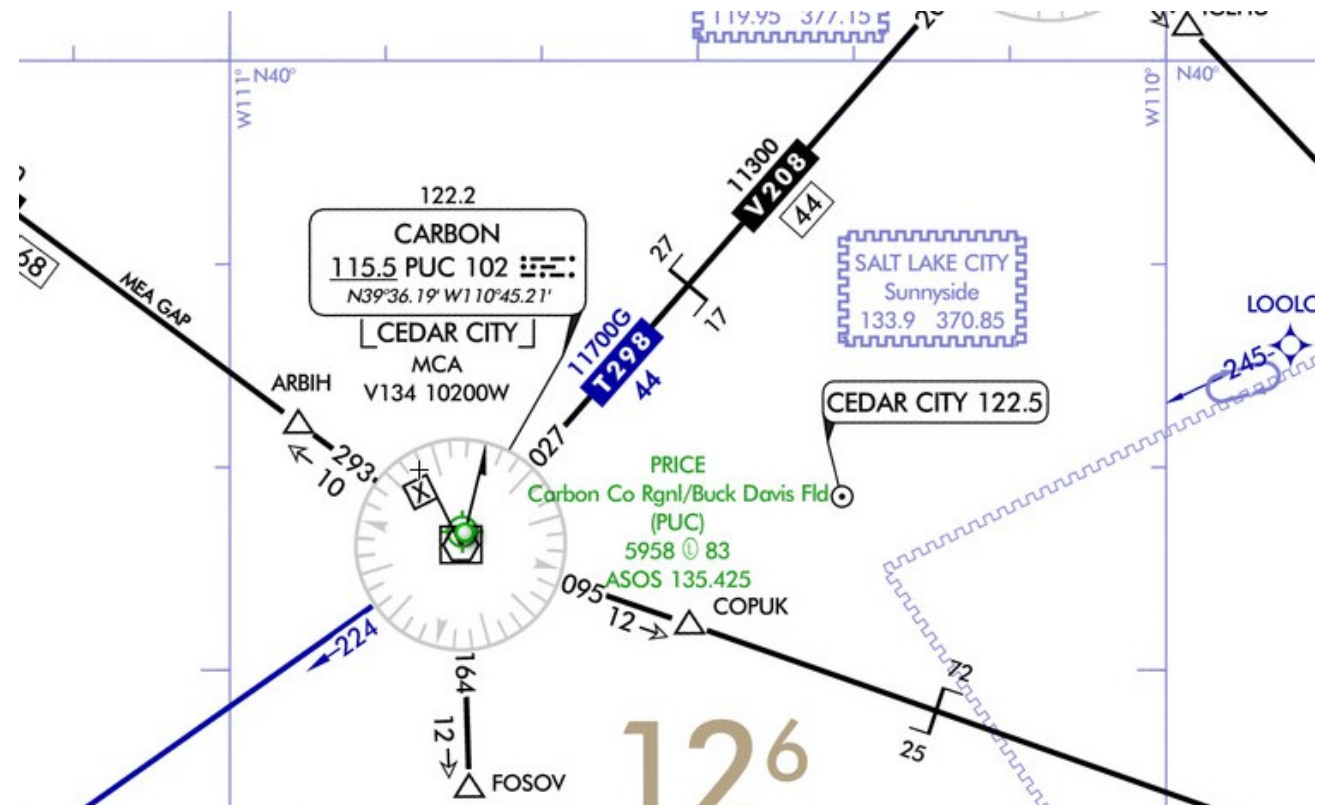
The question:

You are refueling your single-engine aircraft. You run a ground wire from the pump and clip it to your exhaust pipe. Why are you doing it? Is this a correct place to connect a ground wire? Should you be doing it?

IMC CLUB

The question:

On the clip of the Low Altitude chart given in the March Question of the Month (see below), the T298 (RNAV route) coincides with V208. The MEA of T298 is 11700, but V208 is 11300. Typically, T-routes have lower MEA's than nearby Victor airways since they rely on the GPS signal to navigate. Why would a T-route have a higher MEA than a Victor airway that follows the same route?



CLASSIFIEDS

If you know of a classified that is outdated, or want to submit a new one, please notify the newsletter editor at the email above.



Poker Run



99s Oklahoma Chapter – Benefit Scholarship Fundraiser

Since you learned to live with COVID --- SHOW US YOUR HANDS!

WIN CASH
& prizes

Explore local
OKC airports

Support Aviation
Scholarships



Fly

Fun

Comradery

Try Your Luck

Enjoy great flying in the local OKC area. Buy one or more hands (\$25 per hand or \$20 prepaid), and relish the adventure flying to 5 different airports to retrieve a mystery card for each hand. Participants can also just show up at the terminus airport to have cards dealt to them, but all those who buy a hand *and complete the course* will be awarded one extra hand. Everyone meets up at the final airport for their last card and the BIG REVEAL! Best hand wins the 50-50 cash pot! There will also be other fun prizes for the next best hands. Date and specific airports to be announced. We anticipate holding the poker run in early fall.

Call/text 405-430-9535 or email wtcamp@hotmail.com
to get on our mailing list so you won't miss out on the fun!





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Who We Are

Aircraft service for your light sport, experimental or ultralight. Come to STOL Creek Aviation for any of your maintenance needs. With the combination of having an A&P, IA and experimental build experience we can help you with almost any aircraft need you may have. Authorized Rotax Repair. 2 & 4 stroke heavy maintenance certified. 150 hour inspections, overhauls, engine and gearbox service.

Qualifications

- Certified A&P Mechanic
- Inspection Authorization
- Rotax IRMT
- Private Pilot

What We Can Do For You

- Maintenance and Repairs
- Build Assist
- Pre-Buy Inspections
- Annual Inspections

Background

- A&P Mechanic, Jabara Airport
Wichita, KS
- Experimental Builds, Backcountry
Supercubs Douglas, WY



Authorized ROTAX
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AIRCRAFT ENGINES



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NOTICE: If you are receiving the newsletter but are not a member of the chapter and would like to become a member, please contact our Treasurer, Greg Chapman, and he will provide you an application. If you are already a member of EAA National, all that is required is to fill out our application and pay \$20.00 and you are then a member of EAA Chapter 1098. If you are unable or do not want to join at this time, you are still welcome to attend our regular meetings.