

Understanding Propellers and Tachometer Systems

What is a Propeller? A propeller is a type of fan that transforms rotary motion into thrust. It is commonly used in various vehicles, including:

- Aeronautical applications (aircraft)
- Aquatic applications (boats and submarines)
- **Propellers** work by generating lift through differential air or water pressure. When a propeller spins, the shape and angle of its blades create high-pressure zones on one side and low-pressure zones on the other, thus propelling the vehicle forward.
- **A tachometer is an instrument measuring the rotation speed of a shaft or disk,** as in a motor or other machine. The device usually displays the revolutions per minute on a calibrated analogue dial, but digital displays are increasingly common

So.....

Event Details

Sat, Jul 12, 2025 at 10:00 PDT
EAA Chapter 157 HQ
2955 South Street
Redding, CA



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lets find out how to use them and how accurate are they?

Flying In: After landing, **proceed to the northwest corner of the airport**, when you see the **Sun Shade Open hangars**, **proceed WEST on the tarmac** and park anywhere near the west edge. Then walk **300 feet to the EAA building and enter at the north door**.

Driving to the seminar:

The easiest thing is to enter the street address into your GPS on your phone or vehicle map device.... If you have neither then make your way to downtown Redding, proceed to the Jail (tall building) and find the street called Placer, then proceed west about 13 blocks. At the top of the hill you will pass the entrance to Benton airport (**DO NOT TURN THERE**), proceed to the next traffic signal (**Pleasant street**) and then turn left, go one block and you will be looking at the EAA building. It will be on your left, part anywhere off the street (Also the EAA building is next the the Army National Guard unit/facility).

A message from the National FAASTeam Manager

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