

FAASTeam presents:

# Useful Rules of Thumb for Aviators and How We Came Up With Them

Aviators use rules of thumb because they provide simple techniques to solve, quickly, possible time critical aviation problems. Often, the simple calculations offered in rules of thumb are only approximations of a more complex derivation. San Carlos Flight Center invites AGI Michel Vidal-Naquet to discuss how pilots can effectively use these rules of thumb in order to help them both on the ground, and in the air. In this seminar, we will present a number of rules of thumb useful for both VFR and IFR pilots, and show how they come to be. We will provide mathematical derivations based on elementary trigonometry principles and high-school level physics. While the mathematical derivations will appeal to the curious, all attendees will gain a better understanding of the rules and will, hopefully, integrate some into their flying to make them safer pilots. If you are looking to broaden your understanding of the formulas you use while flying, this is the seminar for you.

Michel Vidal-Naquet is an advanced ground instructor and an instrument rated private pilot with about 680 flight hours. He started flying in 2013 after settling in the Bay area to work as a computer scientist and engineer. His passion for

## Event Details

Sat, Aug 8, 2020 - 12:00 PDT

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Representative Brandan Dadoun

aviation began during his early childhood when his family first took him on international flights. He brings a scientific point of view to his flying, and is always learning.

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