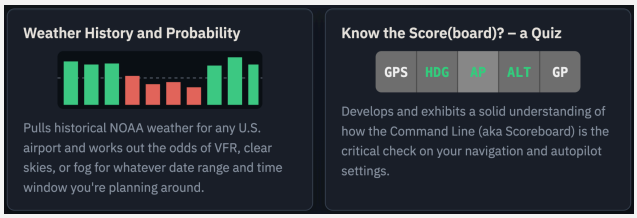
GeezerGeek Coach - Reference Materials

tinyurl.com/GeezerGeek-Coach

Disclaimer: I am neither a ground instructor nor a flight instructor. All information is for general background and should be verified with a certified flight instructor and your own research.

GeezerGeek

GeezerGeek Pilot -- Channel	>150 YouTube aviation videos (most with actual ATC)
GeezerGeek Coach -- Flyer	Some people spend their retirement volunteering at a food bank or the Red Cross... I fly doctors to Mexico and coach fellow pilots. *Our coaching arrangement: No charge (pro rata if flying in my aircraft); suggested donation to a cause*
GeezerGeek Pilot Free Apps	

Avionics

Modern Avionics and the Instrument Pilot	Instrument students; Instrument-rated pilots | 3-part Video
Digital Autopilots – the Concepts	Understanding the Concepts by applying them to progressively more challenging exercises… Garmin Version | Avidyne Version
Digital Autopilots – Tips & Tricks	A handful of suggestions on getting the most out of your autopilot
Direct To -vs- Activate Leg	The Why and How of two very different concepts
Using GPS in lieu of VOR	Intercepting a radial; runway alignment; shooting VOR approaches… Related: KSBA VOR 25 discussions
Navigation by VOR or Pseudo VOR	A specific look at using the G1000 to navigate by VOR and Pseudo VOR (i.e. GPS in lieu of VOR)
Simple Chair-Flying Exercises for Listen, Set, Read Back	Are you writing simple ATC instructions on a kneeboard, or worse, trusting your memory? Listen, Set, Read Back – a video on improving Comms efficiency and accuracy

Instrument Flight

Finding Which LA TEC Route and What Altitude	Intending to file and fly an LA TEC Route?… here's how you find out which route and at what cruising altitude
Flying an Obstacle Departure Procedure	Detailed ODP setup using a GTN navigator
Flying a Standard Instrument Departure	Detailed SID setup using a GTN navigator
SID & STAR Altitudes	Which altitudes are Informational and which are Instructional

Arriving and Departing a VFR Airport under IFR	The tough questions regarding weather, airspace, and radio communications for arriving and departing an airport without instrument procedures; example Oceano (L52)
Departing KSBA in Low IFR	Wayne's personal Standard Operating Procedure for (somewhat) mitigating risks of departing KSBA in Low IFR
Key Differences – Precision vs Non-Precision Approaches	What determines which one we're flying, and in what ways do we fly them differently?
SOP if High & Fast on an Approach	If you find yourself High and Fast on an Instrument Approach, here is my personal SOP with the intention of adapting safely.

Tech Tools

ForeFlight Primer	Getting started with ForeFlight | Video
ForeFlight VFR Cross Country	Planning an outing to Santa Fe | Video
ForeFlight Quick Tip: Aero Map with AutoHighLight	Drop the old, cluttered Sectional view… a Video tip on the Aeronautical Map, including the use of the Airspace AutoHighlight feature
ForeFlight Quick Tip: Terrain Ahead	Video on using Glide Advisor, Hazard Advisor, Profile View, and Synthetic Vision
ForeFlight Quick Tip: Where's the Airport?	In this quick tip Video, we'll explore a very simple yet awesome ForeFlight feature that is a nice visual add for our eyeballs.
Windy for Aviation Weather	Getting started with Windy (.com and app) | Video
PlaneWx - a Pilot's Decision Support System	A good synergy exists between Windy and PlaneWx… the former a "graphic" perspective… and the latter a "bottom line" number. Both are useful starting at a week or more before the trip, preferably with daily updates, until the final formal Briefings (e.g. in ForeFlight) the day before and morning of.
Procedure for Sharing and Mentoring with PlaneWX	A brief writeup on how you can share flight briefings (in the detail you define) with family, friends, and community groups
Flight Data Analysis	A brief overview of the many powerful options for collecting and analyzing flight data | Video on FlySto
Primer on Using FlySto.net	FlySto is a web and (secondarily) iOS app that has excellent features for analyzing flight track logs and engine logs
Using FlySto.net for Insight on Aircraft & Pilot Performance	FlySto provides myriad ways to analyze flight data, especially if uploading data from an Integrated Flight Deck
GAMI Lean Test	Technique and examples of determining ability to cruise LOP
Data Analysis of Cylinder Break-In	An example of using FlySto.net to analyze the break-in of two new cylinders

Using AI to Understand Climate at an Airport	With a bit of prompting, I was able to use Claude.ai to assess the chances of acceptable weather to land at Shelter Cove CA.

Simulation

X-Plane Primer	A Primer on installing, configuring, and aviating with X-Plane
Primer on IFR with X-Plane	Instrument practice on the sim (6-pack & glass)
Using Views to Determine Touchdown Point	A simple procedure a pilot could use to practice repetitive landings to a spot

Traveling Far & Wide

International Flight Logistics	Presentation on border crossings in GA aircraft Videos: Why Fly South-of-the-Border? Video on Your 1st Flight to Mexico & 2024 Changes
Checklist for Flying Outside the USA	Preparations, Actions, and Documents Required for flying into Mexico, Canada, and other international destinations | US CBP Fact Sheets | Mexico AOE Contacts | Visa Fee Waivers for Humanitarian Flights | Enhanced AFAC Flight Plans
Travel Vlogs	Flying Around Mexico (8 parts) Flying the Baja (13 parts) Flying Alaska (9 parts) Flying the Caribbean (9 parts)
Debrief of Multi-week GA Flying Adventure	How we planned and tracked an almost 3-week flying adventure in a DA40 to and thru the Caribbean. (Open and click Slideshow at the upper right)
Mountain Flying and High Altitude Tips	Terrain crossing, engine management, turbulence
Takeoff Performance – Concepts & ForeFlight	We are planning to depart an unfamiliar airport – perhaps with a short runway, and/or terrain/obstacles nearby, and/or a high density altitude.
Takeoff Performance Stats - for N211WP	FlySto provides impressive ways to analyze aircraft and pilot performance. We've used FlySto to find Safety Factors based on our actual measured data for takeoffs from Sea Level and High Altitude airports. | Presentation
Flying Destinations from Santa Barbara	My personal "go-to list"; by no means exhaustive; all personally visited, but no warranty provided 🙂. Call in advance to confirm restaurant is open.

Flight Data Analysis of Aircraft Incidents

SR22T (N124LZ), 29Jan2025, KSBA	ADS-B data analyzed in FlySto
GPS Jamming KROW to KSRR, 14May2026	A quick sim challenge based on a real-world incident
C172 (N73113) & A320 AA2515 (N649AW), 24May2026, KSBA	ADS-B data analyzed in FlySto

SR22 (SP-GOS), 25Jun2026, Warsaw	ADS-B data analyzed in FlySto

Ways for Pilots to Give Back

PilotsNPaws.org	A meeting place for animal rescue/adoption agencies and volunteer pilots providing free transportation
AngelFlightWest.org	A network of volunteer pilots providing free medical transportation to people in need
LightHawk.org	Volunteer pilots expanding the future of conservation through the powerful perspective of flight
FlyingDocs (NorCal), Aeromédicos (Santa Barbara), Flying Samaritans (CA), Liga International (CA/AZ/NV)	Volunteer pilots flying medical and dental teams to Mexico to deliver free healthcare clinics
Process for Applying and Receiving Visa Fee Waivers for Humanitarian Flights	Perhaps your volunteer organization is taking GA flights to Mexico to provide free humanitarian services. Recent efforts were successful in developing a process whereby the central Immigration authority (INM) in Mexico City will grant waivers for various visa fees.